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DEPARTMENT OF THE INTERIOR
Philippine Islands WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1913

PART I

WORK OF THE BUREAU DURING THE FISCAL YEAR ENDED JUNE 30, 1913

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY OF MANILA DURING THE CALENDAR YEAR 1913

MANILA
BUREAU OF PRINTING
1915

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TABLE CONTENTS.

PART I.

WORK OF THE BUREAU DURING THE FISCAL YEAR ENDED JUNE 30, 1913

Page.

I. GENERAL:
- (a) Barocyclonometer for use in North Atlantic 7
- (b) Visit of Sir Henry May, governor of Hongkong 7

II. MANILA CENTRAL OBSERVATORY:
- 1. Work of the Central Observatory 7
  - (a) Meteorological department 7
  - (b) Astronomical department 8
  - (c) Seismic department 9
  - (d) Magnetic department 11
- 2. Improvements 11

III. SECONDARY STATIONS:
- (a) Change of stations 11
- (b) Stations of the Weather Bureau 12

IV. PERSONNEL:
- (a) General 12
- (b) Changes 12
- (c) Separations 12
- (d) Appointments 12
- (e) Promotions 12

V. PUBLICATIONS:
- Special publications 12

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1913.

Page.

Introduction 15
Observations for January, 1913 17
Observations for February, 1913 29
Observations for March, 1913 41
Observations for April, 1913 53
Observations for May, 1913 65
Observations for June, 1913 77
Observations for July, 1913 89
Observations for August, 1913 101
Observations for September, 1913 113
Observations for October, 1913 125
Observations for November, 1913 137
Observations for December, 1913 149
General summary for 1913 161

PART I.

WORK OF THE BUREAU DURING THE FISCAL YEAR ENDED JUNE 30, 1913.

WORK OF THE WEATHER BUREAU DURING THE FISCAL YEAR ENDED JUNE 30, 1913.

I. GENERAL.

(*a*) **Barocyclonometer for use in North Atlantic.**—In March, 1912, the Director of the Weather Bureau had a very severe illness and was ordered by his physician to take a prolonged rest, and so, with the object of recuperating his health, he sailed for Europe on May 3, 1912. Before leaving he had received a communication from the Bureau of Navigation, Navy Department, Washington, D. C., inquiring what modifications might be necessary in order to adapt his barocyclonometer for use in the North Atlantic, and, as during the voyage to Europe his health recovered sufficiently to enable him to work on the project, he determined to spend his leave of absence in making the necessary changes in the instrument. With this object, therefore, he made a flying visit to London to consult the constructor and obtain specifications, for he was desirous of having an instrument as perfect as possible but at a low cost. From London he journied to the Belen Observatory, Havana, Cuba, whose records of the hurricanes of the West Indies are the most complete extant. There he spent a month studying these records till finally he had all the data complete for the modifications necessary to make the barocyclonometer serviceable for use in the North Atlantic. He then proceeded to Washington, D. C., to talk the matter over with the officials of the Navy Department and Weather Bureau, who showed him every attention, and in a short time all arrangements were finished, and the barocyclonometer was officially adopted by the Navy Department for use on all the warships of the North Atlantic Squadron.

As it was impossible to have the instrument made in America, he returned again to London where a contract was made with Henry Hughes & Son, of Fenchurch Street, for the construction of the instrument, and before he left England he was able to see a model of the new barocyclonometer, which is now for sale by the constructors.

(*b*) **Visit of Sir Henry May, governor of Hongkong.**—On July 1, 1912, the Observatory was honored by a visit of Sir Henry May, the newly appointed governor of Hongkong. Among other things, he showed himself very solicitous concerning the erection of a wireless station at Santo Domingo, which had been asked for in vain by his predecessors in office from Governor-General Smith, whose proposal for the erection of the said station was rejected by the Assembly.

II. MANILA CENTRAL OBSERVATORY.

1. WORK OF THE CENTRAL OBSERVATORY.

(*a*) **Meteorological department.**—As it was thought advisable to make the daily weather map as public as possible, an arrangement was arrived at by which copies are now exposed in the Ayuntamiento, the custom house, and Fort Santiago. A copy was also offered to the manager of the Manila Hotel, but as no answer was received the maps have not been sent.

The typhoon season of 1912 was remarkable both for the number and the severity of the typhoons that struck the Islands, especially toward the close of the year. The number during September was four, though this number is not extraordinary for that is the general average of these storms during September. October, however, was remarkable in that there were also four, and one of them was of great severity. On October 19, an account was received in Manila of a destructive typhoon in the Visayas and the reports of the damage done in Cebu were of so alarming a character that the Government hurried a relief expedition to that Island with all kind of supplies in order to help the stricken people. Father Saderra, who was Acting Director of the Weather Bureau in the absence of the Director, at once set out for the district to investigate the effects of the typhoon. It was found that though the storm had been very severe in Cebu and had caused the loss of from 350 to 400 lives, nevertheless, this was due not so much to the force of the winds as to the floods caused by the extraordinary torrential rains that accompanied the vortex, for the greater number of the fatalities were due to drowning. Another factor that helped to swell the list of disaster was the fact that, Cebu being generally immune from typhoons, the people paid but little attention to the warnings sent by the Observatory to the town.

November was also a month of unusual typhoons, the Visayans being again the greatest sufferers.

During the year an innovation was introduced in the manner of disseminating typhoon warnings. As these warnings are of great importance to the shipping firms, they were sent directly to the different firms of Manila by messenger, so that they could advise their own vessels in the different ports of the Islands of the threatened danger. As this service has been greatly appreciated, it will be continued in future.

An arrangement was also made with the Chief Signal Officer, by which warnings could be sent into the air by the radio station at Corregidor, so that all vessels equipped with wireless telegraph apparatus could pick up the warnings while out at sea. This ought to be an incentive to the owners of the interisland steamers to equip their vessels with the necessary apparatus.

At the request of General Pershing a set of typhoon signals was sent to Zamboanga, and the necessary warnings are now sent regularly to that port.

The number of typhoon warnings cabled to foreign observatories was 131 as against 122 during the preceding year.

The number of barometers compared and corrected was 299, an increase of 96 compared with last year.

(*b*) **Astronomical department.**—The time-signal service for Manila and the provinces was continued as heretofore and for this purpose 450 star transits were observed. Observations of circumpolar stars were also made on several occasions during the year for the purpose of checking the instrumental constants.

The number of chronometers rated was 34 as against 29 during the fiscal year 1912 and 41 during 1911.

Several vessels of the United States Navy and Japanese Navy anchored at Guam requested the correct time to be sent by cable to that island and on each occasion the request was complied with. When the proposed international time and weather radiotelegraphic signals with its stations for the Far East in Manila are in complete working order, this work will be avoided, for then the correct time will be sent into the air regularly every day at a fixed hour so that all ships with wireless apparatus will be able to set their chronometers without the necessity of coming to port.

Observations of the solar radiation were made on every available day by means of the Angstrom pyrheliometer—from February 16 to May 5, at Mirador Observatory, Baguio, and during the rest of the year in Manila. The object of this change of place was to obtain a comparison between the solar radiation in a large city at sea level and in a fairly isolated spot at a height of 1,500 meters. The number of observations made in Manila was 500 and in Baguio 260. It is proposed to make a series of simultaneous observations in these two places and a second pyrheliometer exactly similar to the one in use was ordered some four months ago from the constructor Rose of Upsala.

Since the beginning of January, daily observations have been made with the Wilson radio-integrator, an instrument which measures by means of the evaporation of alcohol the number of calories emitted by the sun during the day on the place where the instrument is installed. A second of these instruments has just been installed on Mount Mirador.

A new civil time chronometer provided with electric contacts has been purchased from the well-known firm, Dent, of London. This chronometer will be employed in sending the correct time to Guam, for when the chronometer is introduced into the circuit it transmits the seconds automatically without the intervention of the telegraph operator.

(*c*) **Seismic department.**—The work of this department was increased during the year by the opening of the seismic station at Ambulong, a small barrio situated on the NE shore of Lake Bombon.

The special object of this station is to facilitate the study of the Taal Volcano, to help in the observation of the periods of its activity, so as to prevent as far as possible the loss of life that occurred during the eruption of 1911. It was for this purpose that the Legislative Assembly of 1912 appropriated the sum of ₱18,000, which money was to be expended in the acquiring of a suitable plot of ground and the erecting and equipping of a complete seismic observatory. A motor launch was also to be obtained with the triple object of visiting the volcano and examining its state of activity or dormancy, of warning the towns around the lake in case of danger, and finally of serving as a means of transportation to those desiring to see the volcano.

The station, which is built of reinforced concrete was completed toward the end of June, 1912. The full equipment of seismographs and other instruments did not arrive till the end of the year 1912, but by the middle of January of the following year, 1913, they had been installed and were in perfect working order.

The equipment consists of a Vicentini microseismograph and an Agamemnone seismograph, a mareograph or self-recording tide gauge, deep-sea thermometers for the measurement of the temperature of the water of the lake and the subsoil of the volcano island, and a full complement of meteorological instruments, both self-recording and direct reading. A first-class telescope of 3½ inches aperture was also purchased for the station with private funds.

The launch was transferred to the lake in March of this year and carried its first tourist passengers to the volcano on April 1. A visit to the volcano is so interesting that many tourists would make the journey were it not for the truly execrable trail, misnamed road, from Tanauan to Ambulong. If the road were in good repair the journey could be made from Manila in one day, though, as matters are, most people prefer to stay a night at the observatory, and for this purpose four camp beds were purchased for the accommodation of such visitors. Of course, there is no hotel of any kind in the neighborhood of Ambulong and thus visitors must take their own provisions with them, the only thing that the station can provide being an abundance of excellent water.

Later on it was found necessary to build a short pier and a boathouse for the proper care of the launch, and for this and for a few other small pieces of necessary work a sum of ₱1,000 was appropriated by the Assembly.

The personnel of the station consists of an observer, a mechanic who is also engineer of the launch, and a general helper who acts as helmsman of the launch.

Since the time the seismological instruments were installed there has reigned the most absolute seismic calm and the volcano itself has been quite dormant.

The fiscal year of 1913 must be considered as one of great seismic activity in the Philippines, for of the 396 disturbances registered by the seismographs, no less than 254, or 64 per cent pertain to earthquakes of more or less importance which originated in or very near to the Archipelago, 135 to earthquakes at a distance of from 1,000 to 5,000 kilometers, and 7 to earthquakes which originated at more than 5,000 kilometers distant, among them being included the great Turkish earthquake and two in Alaska. The number of earthquakes felt in different regions of the Philippines during the year, excluding, however, two seismic periods in Mindanao mentioned below, amounts to 171.

On November 8, 1912, the Province of Sorsogon was the scene of a destructive earthquake of small extension, which happily did not cause any fatalities. The towns damaged by the shock were Sorsogon (the capital), where a great number of buildings were ruined, and Gubat. In this latter town the church, the presidencia, and the central school were the most to suffer. It would be very interesting to have more details of the construction of the school building so as to be able to determine more accurately the power of resistance afforded by reinforced-concrete buildings to earthquake shocks, for according to the reports to hand the school was built of blocks of concrete jointed together by iron bars, while the portico was of reinforced concrete, and yet in both walls and portico numerous cracks were opened up by the force of the shock.

As in previous years so also in this, the eastern portion of Mindanao was afflicted by a great number of severe earthquakes. On March 14, 1913, there occurred in the district of Davao, Cotabato, and the Agusan, an earthquake of exceeding great amplitude which lasted for the extraordinary long time of two minutes or more, and yet owing to the slowness of the oscillations practically no damage was done to either life or property. Later reports made it evident that the epicenter of the earthquake was further south than Mindanao in the Islands of Siao, Sangir, and Talaut, where it caused great ruin and the loss of many lives. As the northern part of the Agusan Valley is some 500 kilometers distant from the epicenter, it follows that this earthquake was one of the greatest and most extensive known, for the isoseismal VII–VIII very probably comprehended a prolonged area from N to S of more than 1,000 kilometers in length. Fortunately, however, the great part of this area was in the sea and hence we may conclude that it did not cause more fatalities than those reported from Siao, Sangir, and Talaut.

A month after this earthquake the inhabitants of Surigao and the Agusan Valley passed through a seismic period which was capable of striking terror to the most stout-hearted. From the 18th to the 30th of April a series of earthquakes was felt of various intensity, though none of them passed VI–VII of the Rossi-Forel scale, and consequently no very serious damage was done. During this period of twelve days, 84 shocks were felt in Butuan and 63 in Surigao, while the just perceptible shocks were said to be innumerable, especially on the 24th when 25 were counted in Surigao and the same number in Butuan on the 26th. After the 30th they ceased almost completely in Surigao, and a little more slowly in Butuan.

The publication of the Seismological Bulletin has been continued and it is greatly appreciated by seismologists as may be seen from the increased number of correspondents from seismic observatories who have asked for it.

Besides the Monthly Bulletin, in which an account is given of the earthquakes felt in the Philippines during the month, there was published during the year a "Catalogue of Philippine Earthquakes" which will be used as part of the general catalogue given out by the Comité International de Seismologie.

The following studies were also published in the Monthly Bulletin of the Weather Bureau:

The Sorsogon Earthquake.
The Earthquake in Siao, Sangir, Talaut, and Mindanao.
Seismic Period of the NE of Mindanao.

There is also in the press a paper on the relation between earthquakes and the geology of the Philippines prepared by the chief of the seismic department in collaboration with the chief of the division of mines of the Bureau of Science.

(*d*) **Magnetic department.**—The ordinary routine observations of the variation and absolute measures of the magnetic elements have been continued during the year.

The quarterly report of magnetic calm days has been sent regularly to the chief of the magnetic service of De Bilt, Holland, to be included in the Bulletin of Magnetism published by the permanent commission of terrestrial magnetism. Photographic copies of our curves of the greater magnetic storms have also been forwarded to the same commission.

No progress has been made in the work of tabulating the observations made during the two preceding years owing to the non arrival of the correction coefficients of our instruments which are being calculated in the magnetic department of the Carnegie Institution of Washington.

During the year the magnetic observatory at Antipolo was visited by three parties from the Bureau of the Coast and Geodetic Survey of Manila and Washington with the object of making absolute observations and comparing their instruments.

2. IMPROVEMENTS.

The observatory purchased with private funds quite a large number of instruments during the year, especially for the magnetic service and the work of solar physics. New magnets for the Dip circle were obtained from the famous maker, Dover of Charleston, Kent, and new collimator magnets were ordered from Elliot Bros., London.

Two Wilson radio-integrators and a new Angstrom pyrheliometer were obtained, and a Callendar radiation receiver with electric recorder were ordered for the better equipment of the solar physics section of the astronomical department.

Many new books on radiation and analogous subjects, on meteorology, and astronomy were also purchased with private funds for the library, which has been used frequently by the professors of the Philippine University and the Bureau of Science.

III. SECONDARY STATIONS.

(*a*) **Change of stations.**—After a certain amount of correspondence and trouble the meteorological stations at Iloilo and Cebu were transferred from their old positions to provincial building, Iloilo, and to the new custom house, Cebu, respectively, and the outcome has been very satisfactory.

At the suggestion of Mr. Helm, Director of Navigation, the station at Laoang was transferred to the lighthouse on Batag Island, Samar. The position is a perfect one for the observation of the state of the sea in the Pacific and the direction of the swell which is of such importance in the prediction of typhoons. The occasion of the change was the construction of a telephone line between Batag and Laoang, which thus makes communication with the mainland an easy matter. The lighthouse keeper is the observer and in order to fit himself for the work he was authorized to come to the observatory for the necessary instruction.

(*b*) **Stations of the Weather Bureau.**—Hence on June 30, 1913, the Weather Bureau maintained the following stations:

One branch observatory at Baguio; one magnetic observatory at Antipolo; one seismic and geophysic station at Ambulong, Taal; 7 first-class stations, 10 second-class, 25 third-class, and 9 rain stations.

IV. PERSONNEL.

(*a*) **General.**—The composition of the personnel of the Weather Bureau as to nationality has remained practically unchanged, over 91 per cent being Filipinos.

(*b*) **Changes.**—Reverend Father Zwack was forced by ill-health to hand in his resignation, his place being taken by Reverend Father Brown.

The number of separations from the service was 11, and the appoinments 14, the 3 extra employees being appointed to the new seismic station at Ambulong.

(*c*) **Separations.**—The employees who left the meteorological service were one secretary, resigned; one first-class observer, resigned on request; one assistant observer, resigned to take up the practice of law; two assistant observers, resigned; one Class III observer, resigned to enter telegraph school; one rain observer, resigned; two messengers, discharged, two resigned.

(*d*) **Appointments.**—The vacancies created by the separations were filled partly by promotions and reinstatements, the rest by appointment.

(*e*) **Promotions.**—There were in all 21 promotions:

	From—	To—		From—	To—
3 observers	₱1,920	₱1,980	2 telegraph operators	₱840	₱960
1 observer	1,800	1,860	1 assistant calculator to assistant observer	720	960
1 assistant observer	1,320	1,560	2 second-class observers	600	720
1 calculator	1,440	1,560	2 third-class to second-class observers	360	600
2 assistant observers	1,200	1,320	2 third-class observers to assistant calculators	360	600
1 draftsman	960	1,080	2 assistant observers to Class III observers	200	360
1 assistant calculator to Class I observer	720	1,200	1 rain observer to Class III observer	180	360

V. PUBLICATIONS.

Special publications.—Three reprints from the monthly Bulletins of September, October, and November, containing discussions of the more important typhoons of these months were published by Rev. José Coronas, who also published a study entitled "The Extraordinary Drought in the Philippines, October, 1911, to May, 1912."

The director published a pamphlet on "The Barocyclonometer for use in the North Atlantic."

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1913.

INTRODUCTION.

Part II of our report for 1913 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time—that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 7 a. m. until 6 p. m. only.

Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the time of their occurrence, are united into a separate table. The thermometers and admidometer are placed in the observatory park 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	⌓	Dew.
S.	Stratus.	⊕	Solar corona.
Fr.-Cu.	Fracto-cumulus.	○	Solar halo.
Fr.-N.	Fracto-nimbus.	◒	Lunar corona.
Fr.-S.	Fracto-stratus.	◡	Lunar halo.
S.-cf.	Stratus-cumuliformis.	☇	Lightning.
N.-cf.	Nimbus-cumuliformis.	☈	Thunderstorm.
M.-Cu.	Mammato-cumulus.	⊤	Thunder.
b	Clear, blue sky.	↙	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dust haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures ^{0} and ^{2}, which should be used as exponents of the symbols, so that ^{0} indicates slight, and ^{2} strong; e. g., ●^{0}=slight rain, ●^{2}=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1913.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61.50	61	60.55	60.65	60.95	61.09	61.79	62.45	**62.78**	62.76	62.23	61.65
2	**61.25**	60.45	60.05	59.95	60	60.08	60.40	60.84	60.85	60.78	60.44	59.72
3	59.80	59.50	59.30	59.30	59.60	60.13	60.58	60.95	61.19	**61.38**	60.95	60.19
4	60.80	60.55	59.90	59.95	60.10	60.60	61.31	61.99	**62.45**	62.22	62.07	61.63
5	61.05	60.65	60.45	60.25	60.30	60.45	60.88	61.55	**61.83**	61.58	61.22	60.79
6	60.75	60.40	60.10	60.15	60.25	60.36	60.74	61	**61.05**	60.92	60.54	59.95
7	59.85	59.60	59.55	59.65	59.80	59.94	60.23	60.63	60.83	**60.84**	60.41	59.87
8	60.25	59.85	59.60	59.60	59.80	59.92	60.41	60.98	**61.37**	61.17	60.82	60.40
9	60.55	60.15	59.75	59.65	59.70	59.96	60.22	60.51	**60.62**	60.49	59.96	59.55
10	59.50	59	58.80	58.95	59.15	59.31	59.86	60.39	**60.63**	60.48	60	59.65
11	59.45	59.25	59.15	59.20	59.45	59.86	60.54	61.14	**61.53**	61.44	60.93	60.53
12	60.20	59.80	59.75	60.05	60.25	60.56	60.84	61.39	**61.73**	61.37	60.84	60.15
13	61	60.75	60.85	60.90	60.95	61.35	61.75	62.35	**62.59**	62.40	61.95	61.40
14	60.75	60.70	60.55	60.70	60.75	61.06	61.64	62.24	**62.60**	62.49	62	61.40
15	61.95	61.55	61.35	61.50	61.80	62.19	62.84	**63.16**	63.10	63.03	62.57	62.07
16	62.30	62	61.65	61.70	61.95	62.29	62.91	63.55	**63.72**	63.48	63.08	62.29
17	61.45	61.05	60.65	60.75	61.05	61.55	62	62.53	**62.75**	62.67	62.25	61.53
18	61.15	61.05	60.80	61	61.15	61.68	62.30	62.83	**63.25**	63.17	62.42	61.68
19	61.35	61.30	61	61	61.15	61.34	61.83	62.33	62.65	**62.88**	62.28	61.53
20	61.95	61.80	61.55	61.75	61.95	62.19	62.59	63.10	**63.18**	62.92	62.52	61.78
21	61.70	61.45	61.30	61.50	61.60	61.86	62.76	63.14	63.40	**63.42**	62.97	62.13
22	61.40	61.20	61.10	61.50	61.80	62.18	62.75	63.36	**63.67**	**63.67**	63.24	62.49
23	62.45	62.40	62.15	62.40	62.50	63	63.36	63.84	**64.07**	63.90	63.39	62.63
24	62.50	62.40	62.25	62.25	62.50	63.02	63.30	63.64	**63.98**	63.79	63.34	62.84
25	63.15	62.90	**62.85**	63.15	63.40	63.99	64.59	64.99	**65.03**	64.85	64.33	64.02
26	64.05	63.75	63.65	63.85	64.05	64.31	64.88	65.24	**65.26**	65.24	64.74	64.10
27	64.20	63.70	63.40	63.55	63.80	64.10	64.64	65.06	**65.39**	65.11	64.86	64.25
28	64.45	64.25	63.90	64	64.25	64.46	64.71	65.15	**65.51**	65.44	65.04	64.44
29	64.30	63.95	63.80	63.70	63.80	63.99	64.36	64.91	65.14	**65.21**	64.73	64.14
30	64.60	64.30	64.05	64	64.05	64.36	64.90	65.30	**65.63**	65.56	64.79	64.37
31	64.65	64.10	63.80	63.80	63.90	64.11	64.60	65.29	**65.65**	65.61	65.24	64.47
Mean	61.75	61.45	61.21	61.30	61.48	61.78	62.27	62.77	**63.01**	62.91	62.46	61.86

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.8	23.3	23.2	**23**	23.4	23.2	23.1	23.3	23.6	23.9	24	25.6
2	22.8	22.7	22.5	22.5	22.5	**22.2**	22.5	23.6	25.5	26.5	26.6	27.7
3	22	21.5	21.2	20.9	20.5	**20.3**	20.8	23.3	26.2	26.8	27.4	28
4	23.5	22.6	22.6	22.2	**22**	**22**	22.2	25.1	26.4	27	27.9	**29.1**
5	23.7	23	23.1	22.9	22.3	**22**	22.6	24.7	28.8	28	27.4	27
6	23.5	23.4	23.3	23.2	23	22.8	23	24	25.4	26.9	26.6	26.2
7	21.4	21.1	20.9	20.7	20.3	**20**	20.4	22.5	25.7	27.3	27.7	27.7
8	23.1	22.5	22.1	**21.8**	**21.8**	**21.8**	22.2	25.1	26.4	28.3	28.3	28.3
9	22.7	22.6	22.2	21.8	21.7	**21.5**	21.7	24	26.2	27.2	28.5	28.9
10	24.7	24.2	24.1	24.2	23.9	**23.8**	24	25	26.6	27.8	**27.9**	26.9
11	24	23.8	23.6	23.6	23.8	23.7	23.9	24.2	25.2	25.5	26.6	26.4
12	21.9	21.8	21.7	21.8	21.7	**21.6**	21.7	23.6	25.7	**27**	26.1	26.9
13	23.6	23.2	23.2	23.2	23.2	23.1	23	25.4	27.3	28.9	27.8	28.1
14	21.7	21.3	20.8	20.6	20.6	**20.4**	20.5	23.7	26.1	28	28.5	28.3
15	22.9	22.1	21.8	21.5	**21**	21.3	21.3	24.2	26.9	28.6	27.9	28.6
16	24	23.9	23.3	22.7	22.3	**22**	**22**	25.3	27.1	28.2	28.1	29.3
17	23.8	**23.6**	23.8	24.1	24	23.9	24	24.7	27.2	28.4	28.3	28.7
18	24.1	24	22.7	22.2	22	**21.7**	**21.7**	24.5	25.6	27.7	28.5	28.3
19	22.3	21.9	21.8	21.2	20.8	**20.3**	21.1	23.4	27.1	25.9	27	27.8
20	21.3	21.3	21.9	21.3	20.9	**20.3**	20.5	23	25.6	27.3	27.5	27.9
21	22.2	21.8	21.8	22.1	22.2	**21.7**	21.7	22.9	24.8	26.2	27.6	29.6
22	23.4	22.7	**22.3**	22.7	22.8	22.5	22.7	24.1	27.7	28.6	28	28.5
23	21.9	21.7	21.7	22	22.2	21.4	**21.3**	23.6	27.1	27.5	27.5	28.1
24	23.9	23.8	23.7	23.4	23.3	**23.2**	23.5	25.1	26.1	**28**	27.6	26.3
25	23.9	23.6	22.8	22.6	22.5	**22.4**	22.9	23.8	26.2	26.5	26.3	25.3
26	22.5	22.4	22.1	22	22.2	22.3	22.5	23.8	25	26.3	**28.3**	27.2
27	20.7	21.2	20	**19.8**	20.2	20.7	20.7	23	25.4	26.4	25.7	26.1
28	20.4	20.4	20.5	20.1	20.1	19.8	19.5	21.9	25.1	26.7	27.6	27.9
29	20	20.4	19.9	**19.2**	19.9	19.5	20.5	23	23.9	24.6	25.9	**27.8**
30	19.7	19.8	20.1	19.6	19.6	**19.2**	19.3	22.5	26.4	26.7	28.4	28.3
31	21.8	21.9	21.6	22.2	**21.4**	22.1	22.1	24	26.2	27.2	28.6	28.1
Mean	22.6	22.4	22.1	22	21.9	**21.7**	21.9	23.9	26.1	27.1	27.4	27.7

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.74	60.29	60.17	**60.14**	60.41	60.57	60.90	61.70	62.05	61.85	62.05	61.85	61.34
58.97	58.18	**57.93**	58.10	58.38	58.59	59.34	59.80	60.05	60	60.10	60	59.76
59.39	58.70	**58.33**	58.38	58.88	59.24	60.10	60.65	60.95	61.05	61.05	61	60.02
60.80	60.44	60.10	**59.82**	60.22	60.36	60.55	60.95	61.30	61.35	61.40	61.35	60.93
59.97	59.69	**59.19**	59.24	59.38	59.75	60.45	61	61.05	61.15	61.10	60.95	60.58
59.20	58.55	**58.05**	58.52	58.91	59.04	59.60	60	60.15	60.35	60	59.95	59.94
59.18	58.53	**58.29**	**58.29**	58.86	59.14	59.71	60.20	60.45	60.60	60.60	60.45	59.81
59.74	58.99	**58.83**	58.90	59.27	59.51	60.16	60.70	61.15	61.05	61.05	60.80	60.18
58.94	58.24	57.87	**57.79**	58.07	58.45	58.93	59.50	59.75	59.75	59.75	59.70	59.49
59.02	58.43	**58.34**	58.52	58.62	59.08	59.24	59.50	59.65	59.70	59.65	59.65	**59.38**
59.83	59.41	**59.05**	59.25	59.80	60.16	60.60	60.80	60.80	60.70	60.55	60.40	60.16
59.49	59.09	**59.03**	59.48	59.90	60.32	61.05	61.50	61.55	61.50	61.35	61.35	60.52
60.49	59.82	**59.40**	59.42	59.75	60.32	60.74	60.90	61.10	60.85	60.85	60.95	60.95
60.58	59.99	**59.68**	59.92	60.41	60.86	61.29	61.85	62.05	62.05	62.10	62.05	61.24
61.03	60.46	**60.02**	60.12	60.57	61.07	61.81	62.35	62.55	62.55	62.50	62.35	61.85
61.34	60.67	60.46	**60.42**	60.70	60.99	61.41	61.85	62.05	61.95	61.90	61.70	61.93
60.63	60.02	59.67	**59.63**	60.09	60.29	60.58	61.15	61.55	61.55	61.50	61.50	61.18
60.94	60.48	**60.04**	**60.04**	60.26	60.48	60.75	61.15	61.55	61.80	61.65	61.40	61.38
60.79	60.11	**59.93**	60.20	60.57	61.02	61.25	61.70	61.85	62.05	62.05	62	61.42
60.94	60.39	60.19	**60.05**	60.31	60.52	60.87	61.20	61.50	61.65	61.70	61.70	61.60
61.38	60.47	60.27	**60.15**	60.28	60.61	60.76	60.95	61.25	61.50	61.70	61.50	61.59
61.89	61.36	**60.76**	60.83	61.14	61.53	61.77	62.15	62.30	62.40	62.35	62.60	62.06
61.82	61.43	**60.97**	61.17	61.47	61.91	62.17	62.60	62.65	62.60	62.70	62.60	62.51
62.27	61.72	61.69	**61.54**	61.89	62.20	62.75	63.10	63.45	63.35	63.20	63.30	62.76
63.29	62.89	62.88	63.13	63.25	63.63	63.85	64.50	64.65	64.75	64.60	64.35	63.88
63.24	62.59	**62.13**	62.35	62.90	63.22	63.90	64.20	64.55	64.60	64.70	64.35	63.99
63.25	62.57	**62.32**	62.44	63.07	63.54	64.06	64.65	65	65.05	65	64.80	64.08
63.75	63.19	**62.82**	62.97	63.32	63.61	64.01	64.55	64.75	64.60	64.70	64.55	64.27
63.29	62.89	**62.64**	62.92	63.34	63.74	64.14	64.45	64.90	65.05	65	64.95	64.14
63.95	63.17	**62.89**	63	63.32	63.70	64.29	64.75	64.95	64.90	64.90	64.80	64.36
63.75	63.32	**63.09**	63.12	63.34	63.72	64.25	64.75	65.20	65.25	65.15	64.85	**64.38**
61.09	60.52	**60.23**	60.32	60.67	61.01	61.46	61.91	62.15	62.18	62.16	62.06	61.67

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
25.7	**25.8**	25.1	24.6	24.2	24.1	23.9	23.8	23.6	23.5	23.4	23	23.9
26	**29.8**	27.7	27.9	27.5	25.2	24.7	23.9	23.4	23.2	22.8	22.4	24.7
28.5	28	27.9	27.3	26.6	26	25.3	24.8	24.5	24.1	23.8	23.5	24.6
28.9	28.9	28.9	28	27.3	25.9	25.5	24.4	24.1	24	23.5	23.6	25.2
28.9	**29**	28.6	28.6	26.5	25.5	24.7	24.6	24	24.2	24	23.6	25.3
27.4	28.7	**28.8**	27.3	26	24.9	23.8	23	22.8	22	21.8	**21.7**	24.6
28.5	29.2	**29.3**	27.8	26.6	25.9	25.3	24.6	24.4	23.9	23.4	23.2	24.5
27.3	**28.7**	28.2	27.8	27	25.5	24.8	24.5	24	23.6	23.4	23.1	25
28.4	28.9	29.5	**30**	28.3	27	26.2	26.1	26	25.6	25.4	25.3	25.7
26.5	27.3	26.9	25.8	25.4	25.1	25	24.8	24.3	23.9	**23.8**	23.9	25.2
26.8	27.2	**27.7**	26.7	26.1	24.9	24.4	24.2	23.9	23.3	22.6	**22.2**	24.8
26.7	26.3	26.8	26.6	25.3	24.9	24.6	24.5	23.8	23.8	23.6	**23.5**	24.2
28.7	28.6	**30**	29.6	27.9	25.3	24.7	24.2	23.5	22.7	22.1	**21.4**	25.4
28.4	29.5	29.6	**29.9**	28.7	25.8	24.7	24.5	23.8	23.6	23.6	23.1	24.8
28.8	28.5	**30.1**	29.8	28.2	26.8	25.8	25.2	25.1	24.9	24.1	24	25.4
30.1	**30.2**	30	29.6	28.7	26.7	25.8	26.3	25.7	24.5	24.3	23.9	26
29.5	30.1	**30.2**	29.3	27.7	26.7	26.5	26.3	25.2	24.8	24.2	24.1	**26.2**
28.2	28.4	**29.5**	29.1	27.7	26.3	25.9	25.5	23.8	23.8	23.2	23.1	25.3
28.2	28.5	28.9	**29.2**	27.5	26	25.3	24.2	23.2	22.7	21.9	21.7	24.5
28.4	29.3	**29.6**	28.7	28.4	25.5	24.8	24.4	23.8	23.3	22.9	22.8	24.6
29.5	29.5	**30.1**	30	28.9	26.8	26.7	26.1	25.3	24.7	24.4	24.1	25.4
28.3	**30.1**	29.7	29.6	29.2	27	25.3	23.9	23.8	23.6	22.6	22.5	25.5
29.3	29	**29.6**	28.1	27.5	26.4	25.4	25	24.5	24.2	24	23.9	25.1
26.3	26.6	24.7	24.2	24.8	24.3	23.9	23.9	23.9	23.9	24	24	24.7
26.2	**27.1**	24.4	24.2	24.6	24.1	24	23.7	23.4	23.2	23.2	22.9	24.2
27.5	27.8	**28.3**	27.5	27	25	24	23.1	22.9	**21.7**	22.3	21.8	24.4
26.4	**27.7**	26.1	25.5	25.1	24.2	22.6	21.8	21.3	21.2	20.2	19.9	23
26.7	**28.1**	27.4	27.1	26.3	23.4	21.5	20.4	19.9	19.6	**19.4**	19.6	22.9
27.3	26.6	26.2	24.2	24.6	23.7	23	22.8	21.5	21.1	20.6	19.9	**22.8**
28.8	27.7	26.7	27	26	24.9	24.2	24.1	23.3	22.5	22.7	21.8	23.7
27.9	**28.9**	27.3	27.2	26.6	24.5	24.1	22.8	22.1	21.5	21.6	21.5	24.3
27.9	**28.4**	28.2	27.7	26.8	25.4	24.7	24.2	23.7	23.3	23	22.7	24.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	91	92	94	94	92	94	96	94	95	94	96	89
2	99	**100**	99	99	98	**100**	97	94	83	82	88	80
3	97	98	**99**	**99**	**99**	**99**	97	89	80	80	76	72
4	88	92	92	93	**95**	**95**	**95**	86	79	78	75	**69**
5	91	95	95	95	96	**97**	93	85	67	72	73	75
6	93	93	95	95	96	**97**	95	93	84	75	80	79
7	93	94	94.5	94	94	**97**	93	89	78	73	71	70
8	93	96	96	**98**	97	**98**	96	83	79	**70**	73	73
9	**97**	96	95	96	96	95	96	90	80	79	73	**71**
10	92	93	92	92	93	94	94	92	84	79	**77**	83
11	95	**96**	93	93	93	95	**96**	94	88	90	83	**79**
12	**96**	**96**	**96**	**96**	**96**	**96**	**96**	87	76	72	74	**71**
13	90.5	93	93	91	90	90	91	80	72	66	72	71
14	94	**96**	95	**96**	**96**	95	95	84	73	70	71	68
15	91	**94**	**94**	91	**94**	91	91	87	76	71	74	69
16	91	91	90	95	95	**96**	**96**	84	78	73	72	69
17	**97**	94	96	96	**97**	**97**	**97**	89	77	72	73	71
18	85	82	94	95	**96**	**96**	95	79	77	70	70.5	70
19	84	87	87	90	91.5	**94**	90	81	73	78	74	69
20	90	91	88	92	93	**96**	94	85	71	70	71	71
21	94	**96**	95	94	**96**	**96**	**96**	90	86	81	73	64
22	86	89	**91**	89	88	89	87	83	70	68	69.5	68
23	94	94	90	92	93	**95**	94	85	72	68	66	65
24	85	86	88	91	93	**94**	93	87	78	**71**	**71**	82
25	94	91	94	95	94	95	95	91	79	80	79	81
26	**97**	96	96	96	94	95	93	85	75	68	65	70
27	88	84	**91**	90	87	87	87	79	69	68	69	65
28	84	85	85	**89**	88	**89**	88.5	76	65.5	60	57	58
29	80	83	83	86	83	86	84	79	73	75	69	**64**
30	95	94	93	96	95	**98**	96	83	66	65	**57**	58
31	86	86	88	83	**89**	83	86	77	68	63	**58**	63
Mean	91.3	92	92.6	93.3	93.5	**94.2**	93.3	85.8	76.5	73.6	72.4	71.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.8	**19.6**	19.8	**19.6**	19.7	19.8	20.1	20	20.5	20.7	21.2	**21.8**
2	20.4	20.5	20.1	20.1	19.9	19.9	19.7	20.3	20.1	21	21.5	**22**
3	19.1	18.7	18.5	18.2	17.8	**17.6**	17.8	18.9	20.2	21	20.5	20.3
4	18.9	18.7	18.7	**18.5**	18.6	18.6	18.8	20.4	20.3	20.7	21	20.6
5	19.7	19.8	19.9	19.6	19.1	19.1	18.9	19.6	19.8	20.3	19.9	19.7
6	20	19.9	20.1	20	19.9	19.9	19.8	**20.7**	20.3	19.8	**20.7**	19.8
7	17.6	17.4	17.3	17	16.7	16.9	**16.6**	17.9	19	19.5	19.7	19.3
8	19.5	19.4	19.1	19.1	**18.9**	19.1	19	19.6	20.1	20.1	20.9	20.9
9	19.8	19.5	18.8	18.5	18.4	**18.2**	18.4	19.9	20.2	21.2	21	20.9
10	21.4	20.9	20.6	20.7	**20.5**	20.6	20.8	21.6	21.8	21.8	21.4	**22**
11	21	20.9	20.1	20.1	20.4	20.6	21.1	21.1	20.8	**21.8**	21.4	20.3
12	18.7	18.5	**18.4**	18.7	18.6	18.5	18.6	18.8	18.6	19	18.6	18.6
13	19.6	19.7	19.7	19.3	19.1	19	19	19.2	19.4	19.6	20	20.1
14	18.1	18.1	17.4	17.4	17.4	**17**	17.1	18.3	18.4	19.7	20.6	19.5
15	18.9	18.5	18.2	17.3	17.3	**17.1**	**17.1**	19.6	20	20.5	20.7	20.1
16	20.1	20.1	19.2	19.4	18.9	19	**18.8**	20.2	20.7	20.8	20.4	20.9
17	21.2	20.3	20.9	21.4	21.4	21.3	**21.6**	20.6	20.6	20.7	20.9	20.6
18	18.9	18.2	19.2	18.8	18.8	18.6	18.2	18.1	18.7	19.3	**20.4**	20.1
19	16.8	16.9	16.8	16.8	**16.7**	**16.7**	**16.7**	17.4	19.5	19.5	**19.6**	19.2
20	**16.9**	17.1	17.3	17.3	17	17	**16.9**	17.8	17.4	18.8	19.4	**19.9**
21	18.6	18.7	**18.4**	18.5	19	18.6	**18.4**	18.7	19.9	20.4	20	19.7
22	18.4	18.2	18.2	18.2	18.1	17.9	**17.8**	18.5	19.3	19.7	19.5	19.8
23	18.3	18.1	**17.4**	18	18.5	17.9	17.6	18.3	19.1	18.7	18.1	18.3
24	**18.7**	18.9	19.1	19.5	19.8	19.8	20	20.5	19.5	20.1	19.6	20.8
25	20.7	19.8	19.3	19.3	**19**	19.1	19.6	20	19.8	20.6	20.2	19.5
26	**19.7**	19.2	18.9	19	18.6	18.9	18.8	18.6	17.6	17.4	18.5	18.8
27	16	15.8	15.7	15.5	15.3	15.8	15.8	16.6	16.7	**17.3**	16.8	16.4
28	15	15.2	15.3	15.5	15.4	15.2	14.9	14.9	15.5	15.5	15.7	**16.2**
29	**14**	14.8	14.4	14.2	14.4	14.4	15.1	16.6	16	17.2	17.3	17.7
30	16.3	16.2	16.3	16.3	16.1	16.2	**16**	16.9	17	16.9	16.4	16.7
31	16.6	16.7	16.9	16.6	16.9	16.5	17	17	17.2	17	16.9	**17.7**
Mean	18.7	18.5	18.4	18.3	18.3	**18.2**	18.3	18.9	19.2	19.6	19.6	19.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
88	**87**	91	94	95	97	97	99	97	98	99	**100**	**94.3**
81	**65**	77	77	78.5	86	92	93	93	95	95	95	89.2
71	76	78	80	85	76	78	82	82	86	88	89	85.7
69	70	**69**	74	78	81	82	86	88	89	90	90.5	83.5
67	69	**64**	68	76	81	84	87	89	88	89	92	82.8
71	66.5	**65**	66	69	76	83	85	83	88	90	90	83.6
64	**62**	64	71	83	83	81	86	88	91	93	92	83.3
80	75	77	76.5	80.5	90	92	93	94	96	96	97	87.5
74	73.5	72	**71**	78	80	81	81	82	85	88	89	84.1
85	79	80	88	88	91	92	93	92	95	**96**	95	89.1
79	81	**79**	81	82	87	82	82	84	87	92	94	87.7
72	76	76	79	89	92	88	88	91	91	93	91	86.6
69	66	**61**	63	71	82	81	84	85	91	90	**95**	80.7
68	**65**	66.5	68	71	84	84	87	91	88	88	91	82.7
69	72	**63**	66	74	77	79	83	84	87	90	90	81.5
64	65	65	66.5	73	79	84.5	82	88	90	91	95	82.2
68	**62**	64	67	73	80	79.5	82	88	90	91	92	83
70	68	**61**	63	69	75	77	80	85.5	78	82	83	79.2
68	**62.5**	63	65	72	77	77	82	84	82	86	87	79.3
67	**61**	63	64	66	78	82	84	86	90	93	92	80.8
66	64	62	**61**	65	74.5	77	83	88	87	88	86	81.8
66	**62**	64	66	68	67.5	76	83	82	86	90	89	78.2
62	64	63	70	68	73	77	79.5	82	84	82	85	79.1
83	83	92	90	90	91	92	92	92	93	92	92	87.5
78	**77**	88	88	92	94	92	94	96	**97**	94	96	89.8
69	68	**61**	66	65	71	75	79	79	84	77	81	79.4
67	**60**	64	63	64	68	72	76	77	77	84	86	75.9
59	**55**	**55**	57	58	65	72	77	78	80	83	81	**72.7**
68	72	74	86	82.5	85	87	86	89	91	91	**95**	81.3
57	60	66	65	70	75	76	72	78	82	81	85	77.6
59	**58**	62	63	62	71	74	77	82	87	86	85	74.8
70.3	**68.5**	69.3	71.7	75.3	80.2	82.1	84.4	86.4	88.2	89.3	90.3	82.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.5	21.5	21.5	21.6	21.3	21.5	21.5	21.7	21.1	21.1	21.2	20.9	20.8
20.2	20.2	21.2	21.4	21.4	20.5	21.2	20.5	19.9	20	19.5	**19.1**	20.4
20.6	21.3	21.8	21.5	**21.9**	19	18.7	19	18.8	19.1	19.3	19.1	19.5
20.5	20.7	20.3	20.9	**21.1**	20.2	19.9	19.4	19.6	19.7	19.5	19.6	19.8
19.7	**20.4**	**18.6**	19.7	19.5	19.7	19.5	19.9	19.7	19.8	19.7	19.9	19.6
19.3	19.4	19.2	17.9	**17.2**	17.9	18.2	17.8	**17.2**	17.4	17.5	17.4	19.1
18.6	18.8	19.5	19.8	**21.4**	20.6	19.5	19.7	20	20.1	19.9	19.5	18.8
21.5	**22.1**	22	21.2	21.3	21.8	21.3	21.3	20.8	20.7	20.4	20.3	20.4
21.2	21.7	22.2	**22.3**	**22.3**	21.1	20.4	20.3	20.6	20.8	21.1	21.4	20.4
21.8	21.3	21.2	21.6	21.3	21.5	21.7	21.7	20.9	20.9	20.9	20.9	**21.2**
20.6	21.6	21.6	21.1	20.5	20.3	18.5	**18.3**	18.5	18.5	18.7	18.6	20.3
18.8	19.4	19.9	20.4	**21.4**	**21.4**	20.3	20.1	19.8	20	20.1	19.6	19.4
20.2	19.3	19.3	19.5	19.9	19.6	18.7	18.8	18.4	18.7	**17.8**	17.9	19.2
19.6	20	20.5	**21.3**	20.6	20.7	19.5	19.8	19.8	19	19	19.1	19.1
20.4	20.8	20	20.6	**20.9**	20.2	19.5	19.7	20	20.5	20	19.9	19.5
20.4	20.7	20.6	20.5	21.4	20.5	20.8	20.9	**21.5**	20.5	20.6	20.9	20.3
20.8	**19.8**	20.3	20.3	20.1	20.9	20.4	20.8	20.8	20.9	20.5	20.6	20.7
20	19.5	18.8	18.8	19.1	19	19.1	19.4	18.7	**17.1**	17.3	17.4	18.8
19.2	18	18.6	19.5	**19.6**	19.2	18.4	18.5	17.9	16.8	**16.7**	16.9	18
19.2	18.5	19.5	18.9	18.9	19	19	19.1	18.9	19.2	19.3	19	18.4
20.4	19.7	19.6	19.3	19.2	19.5	20.1	20.9	**21**	20.2	20	19.3	19.5
18.8	19.6	19.8	**20.3**	**20.3**	**17.8**	18.2	18.3	18	18.7	18.4	18.1	18.7
18.9	19.1	19.3	**19.8**	18.5	18.6	18.7	18.7	18.6	18.8	18.2	18.7	18.5
21.2	**21.5**	21.2	20.2	20.9	20.5	20.3	20.3	20.3	20.5	20.4	20.4	20.2
19.7	20.4	20	19.8	**21.2**	21	20.4	20.5	20.4	20.6	19.8	19.8	20
18.9	18.8	17.4	18.1	17.1	16.7	16.7	16.5	16.5	16.2	**15.5**	15.8	17.8
17.1	16.5	16.1	15.2	15.1	15.3	14.6	14.8	14.5	**14.4**	14.8	14.8	15.7
15.3	15.5	14.9	15.1	14.7	14	13.7	13.7	**13.4**	13.6	13.9	13.8	**14.8**
18.4	18.7	18.7	**19.2**	18.9	18.4	18.1	17.7	17	16.9	16.4	16.5	16.7
16.7	16.5	17.1	17.1	**17.6**	17.5	17	16.1	16.6	16.5	16.6	16.5	16.6
16.6	17.3	16.8	16.8	16.1	16.3	16.4	**15.8**	16.3	16.5	16.4	16.3	16.7
19.6	19.6	19.6	**19.7**	**19.7**	19.4	19	19	18.9	18.8	18.7	18.6	19

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1												
2	A.-Cu.		A.-Cu.		Ci.-S.						A.-Cu.	
3	Ci.-S.				Ci.-S.		A.-Cu.					
4			A.-Cu.		A.-Cu.				Ci.-S.		A.-Cu.	
5	A.-Cu.				Ci.							
6	Ci.		Ci.-S.		Ci.-S.		Ci.-S.					
7	Ci.-S.				Ci.-S.		Ci.					
8	Ci.		A.-Cu.		Ci.		Ci.-S.		Ci.-S.			
9	Ci.		Ci.-S.		Ci.		Ci.-S.		Ci.		Ci.	
10	A.-Cu.		Ci.-S.		Ci.-S.		A.-Cu.					
11									Ci.-S.			
12			A.-Cu.		Ci.-Cu.		Ci.					
13	Ci.		Ci.-Cu.		Ci.		Ci.-Cu.		A.-Cu.		A.-Cu.	
14	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
15	Ci.		Ci.									
16	Ci.-Cu.											
17					A.-Cu.							
18	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
19											Ci.	
20	Ci.		Ci.		Ci.							
21			A.-Cu.						Ci.			
22	A.-Cu.		A.-Cu.		Ci.							
23	Ci.						Ci.		Ci.		Ci.	
24					Ci.-S.		Ci.-S.				Ci.-S.	
25			Ci.-S.		Ci.-S.		Ci.-S.					
26	A.-Cu.		Ci.		A.-Cu.		A.-Cu.					
27												
28							Ci.					
29			A.-Cu.		A.-Cu.				Ci.-S.		A.-Cu.	
30	A.-Cu.		Ci.		Ci.		Ci.		Ci.			
31	Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Fr.-N.	EbyN	Fr.-N.	EbyN	N.	EbyN	N.		Cu.-N.	E	Cu.-N.	
2	Cu.		Cu.	ESE	Cu.	EbyS	Cu.,N.-cf.		Cu.	ESE	Cu.	
3	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		N.-cf.	
4	N.,Cu.		Cu.		Cu.	ESE	N.-cf.	E	Cu.	E	Cu.	ESE
5	Cu.		Cu.	E	Cu.		Cu.	E	Cu.	E	N.-cf.	E
6	Cu.		N.-cf.		S.-Cu.		Cu.		Cu.	E	N.	
7	Cu.		Cu.		Cu.	ESE	Cu.	SE	Cu.	SE	Cu.	
8	Cu.		Cu.	E	Cu.	E	N.-cf.	E	N.-cf.		N.-cf.	
9	Cu.		Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.	
10	Cu.		Cu.-N.	E	N.-cf.	E	Cu.		Cu.-N.		Cu.-N.	
11	N.-cf.		N.		Fr.-N.		Fr.-N.		Cu.-N.		N.	
12	Cu.		S.-Cu.		Cu.	E	S.-Cu.	E	N.-cf.	EbyN	Cu.	EbyN
13	Cu.	E	Cu.		Cu.	E	Cu.		Cu.	ESE	Cu.	
14	Cu.		Cu.		Cu.	E	Cu.		Cu.	E	Cu.	E
15	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
16	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
17	Cu.-N.	NNE	Cu.-N.	E	Cu.	E	Cu.		Cu.		Cu.	
18	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
19	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
20	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
21	Cu.		Cu.	E	N.-cf.	E	N.-cf.		Fr.-Cu.	E	Cu.	
22	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Fr.-Cu.	
23	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	
24	N.-cf.		Cu.	E	Cu.	E	Cu.	E	N.-cf.		Cu.-N.	E
25	N.-cf.		N.-cf.	E	Cu.	E	Cu.		Cu.-N.		Cu.-N.	
26	S.-Cu.		Cu.	ENE	Cu.		Cu.	ENE	Cu.	EbyN	Cu.	
27	Cu.		Cu.		Cu.		Cu.	ENE	N.-cf.	ENE	N.-cf.	
28	Cu.		Cu.		Cu.		Cu.		Cu.	ENE	N.-cf.	
29	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	N.-cf.		S.-Cu.		N.-cf.	
30	Cu.		Cu.		Cu.		Cu.		Cu.		N.-cf.	ENE
31	Cu.		N.-cf.	E	Cu.	E	Cu.	E	Cu.	E	N.-cf.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
						Ci.					
						Ci.-S.					
		Ci.		A.-Cu.		Ci.-S.		Ci.-S.		A.-Cu.	
		Ci.		Ci.		Ci.-S.				Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.		Ci.-S.	
						Ci.-S.					
Ci.		Ci.		Ci.		Ci.		A.-Cu.			
Ci.-S.								Ci.-S.			
		Ci.				Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
				A.-Cu.				A.-Cu.		A.-Cu.	
		Ci.		Ci.							
										Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
						A.-Cu.		A.-Cu.		Ci.	
				A.-Cu.		A.-Cu.		A.-Cu.		Ci.	
		Ci.				Ci.					
Ci.								A.-Cu.			
				A.-Cu.						A.-Cu.	
				A.-Cu.							
								Ci.-S.			
		A.-Cu.		A.-Cu.		A.-Cu.					

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.-N.	E	Cu.-N.	EbyN	N.		N.		Cu.-N.	E	Cu.-N.	
N.-cf.	ESE	Cu.	ESE	Cu.-N.	ESE	Cu.-N.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.	
Cu.	ESE	Cu.-N.	ESE	Cu.	ESE	Cu.	E	Cu.	E	S.-Cu.	
N.-cf.	E	Cu.	E	N.-cf.	E	Cu.		Cu.-N.		S.-Cu.	
N.-cf.	E	Cu.	E	Cu.		Cu.-N.	E	Cu.-N.		Cu.	
Cu.	SE	Cu.	E	Cu.	E	N.-cf.		N.-cf.		N.-cf.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.	E	Cu.	E	Cu.	
Cu.	E	Cu.	E	Cu.-N.		N.-cf.	E	Cu.	E	Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		N.-cf.	E	N.-cf.	
N.-cf.		N.-cf.	E	N.-cf.	E	Cu.-N.	E	Fr.-N.		Cu.-N.	
Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.-N.	E	N.-cf.		N.-cf.	
Cu.		Cu.	E	Cu.	E	Fr.-Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
Cu.		Cu.		Cu.-N.		Cu.		Cu.	NNW	Cu.	
Cu.	E	Cu.		Cu.	E	Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	E
Cu.	E	Cu.	E	Cu.		N.-cf.	E	Cu.		S.-Cu.	
Cu.-N.	E	Cu.-N.	E	N.		N.	E	Cu.-N.	E	Cu.-N.	
N.-cf.	E	Cu.-N.	E	Fr.-N.		Fr.-N.		N.-cf.		Cu.-N.	
Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.		Cu.		Cu.	
N.-cf.		N.-cf.		N.-cf.	NE	Cu.-N.	NE	N.-cf.	NE	N.-cf.	
N.-cf.	ENE	Fr.-Cu.	ENE	Cu.		Cu.	ENE	Cu.		Cu.	
N.-cf.	ENE	Cu.-N.	ENE	Cu.-N.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	
N.-cf.	ENE	Cu.-N.	ENE	Cu.-N.		N.-cf.	ENE	N.-cf.		N.-cf.	
Cu.-N.	ENE	Cu.-N.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NNE	1	N	2	Calm	--------	Calm	--------	Calm	--------	NNE	0.5
2	N	1.5	Calm	--------	Calm	--------	N	1	Calm	--------	NNE	3
3	NE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
4	Calm	--------	NNE	.5	NNE	1	NNE	1	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	NE	.5	NNE	1	NNE	1	Calm	--------
6	Calm	--------	Calm	--------	Calm	--------	N	1	N	1	N	2.5
7	N	.5	N	.5	NNE	.5	Calm	--------	NNE	1	Calm	--------
8	E	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
9	Calm	--------	Calm	--------	N	1	N	.5	Calm	--------	Calm	--------
10	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
11	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	.5	N	.5
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
13	Calm	--------	Calm	--------	NE	.5	NE	.5	NE	.5	NE	1.5
14	SSE	1	Calm	--------	ENE	1	ENE	1.5	N	1	ENE	1
15	NNE	1	Calm	--------	NNE	.5	NE	.5	Calm	--------	NE	1.5
16	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
17	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
18	NNW	.5	N	1.5	Calm	--------	NE	1	Calm	--------	Calm	--------
19	NNE	2	NE	1.5	NE	2	NE	1.5	NE	.5	Calm	--------
20	Calm	--------	NNW	1	NNW	.5	NNW	.5	NNE	.5	Calm	--------
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
22	Calm	--------	Calm	--------	Calm	--------	NNE	.5	NNE	1.5	NNE	1.5
23	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
24	ENE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	Calm	--------	NNW	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
26	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
27	Calm	--------	NW	2	N	1	NNW	1.5	NW	2	NNE	1.5
28	E	1.5	N	1.5	NNE	1	NNE	.5	N	.5	N	1
29	NNW	.5	Calm	--------	Calm	--------	NNE	.5	NE	.5	Calm	--------
30	Calm	--------	Calm	--------	Calm	--------	NE	.5	NE	.5	Calm	--------
31	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
Mean	------------	0.4	------------	0.4	------------	0.3	------------	0.4	------------	0.4	------------	0.5

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N	7	N	4	N	3	N	3	N	3	Calm	--------
2	NW	2	NW	3.5	Calm	--------	W	1	Calm	--------	ENE	1
3	W	1	Calm	--------	WSW	1	Calm	--------	Calm	--------	NNE	2
4	WNW	3.5	WSW	2	SE	5	SE	1.5	ESE	1.5	NE	2
5	NE	4	ENE	2.5	E	2	ENE	1.5	E	2	E	1.5
6	NE	3	NNE	2	NE	2.5	ENE	6.5	E	2	EbyN	1
7	SW	4	WSW	4.5	WSW	4	W	2	Calm	--------	Calm	--------
8	Calm	--------	Calm	--------	NNE	2	N	2	NbyE	2	Calm	--------
9	WNW	4	W	3.5	W	2	Calm	--------	Calm	--------	SE	3
10	WNW	3.5	NW	3.5	NNW	1	NE	2	NE	3	Calm	--------
11	NE	2	NE	2.5	NE	1.5	Calm	--------	NNE	.5	Calm	--------
12	WNW	2.5	WNW	1	NNW	2.5	NNW	2	NNE	1	Calm	--------
13	WNW	2.5	WNW	1.5	SSE	2.5	Calm	--------	Calm	--------	Calm	--------
14	WNW	4	W	3	WNW	.5	SE	2.5	SSE	1	SSW	1
15	W	2.5	W	4.5	W	1	Calm	--------	Calm	--------	SSE	2.5
16	WNW	4	WNW	3.5	WNW	2	W	1	WSW	.5	S	1
17	W	5	W	5.5	W	3	W	4	WSW	5.5	WSW	5
18	WNW	5.5	WNW	4	W	3.5	W	3	WSW	3.5	WSW	3.5
19	WNW	2	WNW	2.5	WNW	2.5	SW	1.5	SbyE	2.5	SbyE	3
20	WSW	2.5	W	2.5	WNW	4	W	2.5	WNW	1	Calm	--------
21	W	2	WSW	3	WNW	2.5	WNW	4	WNW	3	WSW	1.5
22	WNW	4.5	WNW	4	W	1	Calm	--------	WSW	.5	SEbyE	3
23	W	4.5	WSW	2.5	W	2	W	2.5	NE	2	NNE	1.5
24	S	.5	WSW	1.5	Calm	--------	Calm	--------	S	1	SSE	2
25	NW	1	S	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------
26	SSW	1.5	Calm	--------	NNE	.5	NNE	1	N	3	NNE	6
27	W	2	W	3	W	1	E	2	E	3	E	1
28	WSW	3.5	NNE	3	NE	1.5	ENE	2.5	ENE	2.5	ENE	1
29	WNW	3.5	NNW	3	Calm	--------	Calm	--------	Calm	--------	NNE	1.5
30	NNE	5	E	3.5	NE	2	E	3.5	Calm	--------	Calm	--------
31	EbyN	8	ESE	6	ENE	8	NNE	2	E	8.5	ENE	5.5
Mean	------------	3.2	------------	2.8	------------	2.1	------------	1.7	------------	1.7	------------	1.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NbyE	1.5	NNE	2	NNE	2	N	1	NNE	1.5	NNE	4
Calm	--------	Calm	--------	NW	1	NW	1	NNW	3	NW	1
Calm	--------	Calm	--------	ENE	.5	WNW	1	WSW	2.5	WSW	2
Calm	--------	Calm	--------	SSW	1	Calm	--------	NW	3.5	WNW	1
NE	.5	ENE	.5	ENE	.5	NW	2.5	NNW	3	Calm	--------
N	2	Calm	--------	Calm	--------	SW	2.5	W	.5	WNW	1
NNW	.5	ENE	1	Calm	--------	Calm	--------	WSW	1	WSW	1.5
Calm	--------	NE	1	NE	.5	NE	1	NNW	.5	WNW	2
Calm	--------	Calm	--------	Calm	--------	WNW	2.5	WNW	3	WNW	2
Calm	--------	Calm	--------	Calm	--------	SW	1	Calm	--------	NNW	1.5
NNE	1	NE	1	Calm	--------	N	3.5	NNE	3	E	4
Calm	--------	Calm	--------	Calm	--------	WSW	2	WNW	3	WNW	1
NE	1.5	Calm	--------	NE	1	Calm	--------	WNW	3	WNW	4
ENE	1	Calm	--------	Calm	--------	Calm	--------	WSW	2	W	3
NE	1.5	NE	1	NE	1	S	1	W	3.5	WNW	3.5
Calm	--------	Calm	--------	NNE	3.5	Calm	--------	NW	3.5	WNW	4
Calm	--------	WNW	1.5	NW	1.5	WNW	1.5	WNW	4	WNW	4.5
Calm	--------	N	4	NNE	2	N	2.5	NW	1.5	WNW	6
NE	2	NNE	1	Calm	--------	WNW	1.5	NW	1	WbyN	4.5
Calm	--------	NNE	2	Calm	--------	Calm	--------	W	1	W	2
Calm	--------	Calm	--------	NW	2.5	NW	1.5	NW	3.5	WNW	2.5
NNE	1	NNE	1.5	NE	1	WSW	.5	WSW	1	W	4
Calm	--------	Calm	--------	Calm	--------	W	1.5	WNW	3	WNW	2
Calm	--------	Calm	--------	NNE	.5	NNE	1.5	NNW	1	EbyS	2
Calm	--------	NNE	2	NNE	1	WNW	.5	W	1	NNW	1
NNE	1.5	NE	1	NE	.5	Calm	--------	ENE	1.5	S	2
NNW	1.5	Calm	--------	NNW	3	WNW	2	W	2.5	WNW	4
NNW	1.5	NNW	1	Calm	--------	N	1.5	NNW	1.5	WSW	3.5
NNE	.5	N	1.5	N	2	NNW	2	NNW	2	W	2.5
Calm	--------	Calm	--------	Calm	--------	NNW	1.5	E	1.5	NNE	4.5
NE	1	Calm	--------	NE	1.5	ENE	3	NE	1.5	NNW	1.5
------------	0.6	------------	0.7	------------	0.9	------------	1.3	------------	2.1	------------	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N	1	NNE	1	Calm	--------	N	0.5	NNE	1.5	ENE	1.5	1.7
Calm	--------	Calm	--------	E	1	Calm	--------	E	1	NEbyE	1.5	.9
NNE	1	NE	.5	Calm	--------	Calm	--------	NE	.5	Calm	--------	.6
NNE	3	NNE	1	ENE	.5	ENE	1	ENE	.5	Calm	--------	1.2
NE	1	NE	.5	NE	.5	NE	.5	Calm	--------	NE	.5	1.1
ENE	.5	Calm	--------	Calm	--------	NE	1	Calm	--------	Calm	--------	1.2
Calm	--------	EbyS	1	Calm	--------	SE	1	SEbyE	.5	Calm	--------	1
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.5
SE	3	SE	2	SE	2	SE	1.5	Calm	--------	Calm	--------	1.2
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.6
N	1	NNE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.9
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.6
SE	.5	SSE	1	SSE	1	Calm	--------	SSE	1	Calm	--------	.9
SE	2.5	SE	.5	SE	.5	SE	1.5	SE	.5	SE	1	1.2
SSE	2	SSE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.2
Calm	--------	SW	.5	Calm	--------	Calm	--------	Calm	--------	E	.5	1
WSW	2.5	WSW	1.5	S	1	SbyE	1	SE	1	Calm	--------	2
SW	1.5	SWbyS	.5	Calm	--------	NNE	3.5	NbyE	3	NNE	3	2.2
SEbyS	1	ENE	1	E	.5	E	1	Calm	--------	Calm	--------	1.5
Calm	--------	E	1	E	.5	Calm	--------	Calm	--------	Calm	--------	.9
SWbyS	1	SSW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.2
SE	1.5	SE	.5	SSE	1	Calm	--------	SEbyS	.5	Calm	--------	1.2
NE	2	NNE	1	NNE	.5	NEbyN	1	ENE	1	ENE	.5	1.1
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.4
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	.4
NbyE	3.5	N	2	NbyE	2	N	1	NNW	2.5	NNW	2	1.3
E	1	E	1.5	E	1.5	E	1.5	E	1	ENE	1	1.7
Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	1.2
ENE	2	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------	.9
E	1	E	2	Calm	--------	N	.5	N	.5	Calm	--------	1.1
ENE	4	ENE	.5	ENE	1	Calm	--------	Calm	--------	WNW	1	2.2
------------	1.2	------------	0.7	------------	0.4	------------	0.5	------------	0.5	------------	0.4	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3.5	9.5	1	1	0	1	5	9.5	12.5	7	5	7
2	8	6.5	.5	2	6.5	5.5	5	3	.5	5.5	12.5	10
3	7.5	2.5	0	0	.5	.5	0	0	1	2	7	10
4	1.5	1	5.5	3	3	2	.5	1.5	1	1.5	11.5	7.5
5	1	2	1	4.5	2.5	3.5	2	1.5	1	5	10	8
6	.5	.5	1	2	4.5	10	6	7	6	3.5	8	6
7	3	1.5	2	2.5	4.5	3.5	5	6	.5	4	7	11
8	2.5	1.5	2	0	2	2.5	1.5	6	3	0	3.5	4
9	0	.5	3	1.5	.5	0	.5	0	0	2	13	12
10	.5	0	0	.5	1	1.5	0	.5	0	.5	3	9
11	.5	1	.5	0	2	3	7	3.5	2	2.5	14.5	11.5
12	0	0	0	0	0	.5	.5	0	1.5	5.5	7.5	7
13	.5	.5	3	5	4.5	2.5	2.5	4.5	4	1.5	8.5	13
14	1.5	4	2.5	4	5	5	2	3	4	4.5	5	11
15	7	2	2	3	2	3.5	3.5	0	4	2	14.5	10.5
16	0	0	.5	0	1	0	0	.5	6	3	8	11
17	1.5	.5	2	.5	.5	0	0	4	.5	10.5	13	13
18	.5	4.5	5	2.5	2	2	.5	4	12	14	5	15
19	10.5	9.5	8.5	8.5	4	2.5	3.5	5	1	5.5	10	11
20	0	1.5	3	1.5	1	2	1	1	2	5	10	10
21	0	0	.5	1	0	1	0	1	2	5	6	11
22	1.5	1	.5	2.5	7	6	3.5	5	4	.5	8	11
23	0	2	2	2	.5	2.5	1	.5	.5	2	12	12
24	2	1.5	.5	.5	0	0	.5	0	1.5	7.5	7.5	5
25	.5	3.5	1.5	0	.5	0	1.5	6.5	6.5	3.5	10	10.5
26	2.5	.5	0	.5	0	.5	1.5	3	3.5	4	4	6
27	2	6	1.5	3	1.5	8	5	1	4	8	11.5	11
28	3.5	5.5	3.5	.5	2.5	2	3.5	4.5	6	7	5	12
29	1.5	3	.5	1	2.5	1	2	2	1.5	3	5	4
30	0	.5	.5	1	1	1	1.5	.5	0	2	6	8
31	.5	0	.5	0	.5	3.5	1	2.5	6	11	12.5	15
Mean	2.1	2.3	1.8	1.7	2	2.5	2.2	2.8	3.2	4.5	8.5	9.8

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
2	6	7	8	8	6	5	8	7	8	6	4	2	6.2	4	55
3	5	3	3	8	8	9	8	8	8	9	8	8	7.1	4	50
4	9	8	8	10	9	10	10	10	10	10	10	9	9.4	2	20
5	3	6	4	6	9	9	10	8	10	10	10	8	7.8	3	10
6	7	10	10	10	10	10	8	8	8	10	10	10	9.2	1	35
7	4	2	3	2	5	6	4	3	4	10	10	10	5.2	6	35
8	7	8	8	10	10	10	10	10	8	7	8	4	8.3	0	40
9	8	8	8	8	5	5	7	6	9	9	10	10	7.8	6	15
10	10	10	10	9	10	10	10	10	10	10	8	10	9.8	0	55
11	10	10	10	10	10	10	9	10	10	10	10	10	9.9	0	00
12	2	7	4	8	8	9	10	10	10	10	10	10	8.2	2	15
13	4	3	3	5	7	5	4	5	5	5	4	2	4.3	8	10
14	3	2	6	6	6	5	5	5	5	2	3	3	4.2	7	45
15	2	2	2	4	3	2	2	7	5	4	8	6	3.9	7	10
16	2	1	2	4	3	4	3	3	3	3	3	1	2.7	7	50
17	8	8	5	3	2	2	5	2	2	1	2	6	3.8	7	25
18	7	8	10	10	9	5	4	4	6	6	6	7	6.8	7	05
19	3	2	3	7	6	3	4	5	7	8	5	8	5.1	7	40
20	3	2	1	1	1	2	2	2	4	4	5	3	2.5	8	10
21	2	9	10	10	6	2	2	2	4	5	2	2	4.7	5	30
22	9	10	2	3	6	6	5	6	4	5	7	4	5.6	8	00
23	3	2	2	4	5	7	7	8	6	10	8	8	5.8	6	35
24	10	9	10	10	10	10	10	10	10	10	10	10	9.9	0	10
25	10	10	7	6	10	10	10	10	10	10	10	10	9.4	1	35
26	8	9	9	10	10	10	10	10	9	7	6	6	8.7	1	55
27	2	3	3	3	8	8	7	9	10	8	8	6	6.2	4	20
28	2	1	1	2	4	6	8	8	4	4	2	1	3.6	7	00
29	10	10	9	10	9	9	10	10	10	10	9	10	9.7	1	40
30	6	8	5	3	3	10	10	10	10	10	10	10	7.9	4	00
31	4	10	8	8	9	8	10	7	8	8	6	5	7.6	5	00
Total														140	30
Mean	5.8	6.4	5.9	6.7	7	7	7.2	7.2	7.3	7.5	7.2	6.7	6.8	4	32

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
16	**20**	13.5	12.5	13	4	3	4	4	1	5	10	7
15	12	5	4	4.5	3.5	1	0	1	1	2.5	4.5	5
6	6	5.5	4.5	.5	7.5	7	3.5	4	2	2.5	2	3.4
11	11	**13**	11	8	7	8	4	3	3.5	1	1.5	5.1
9.5	9.5	9	**10**	8	6	4	2	1.5	.5	4.5	1	4.5
8.5	7	8.5	10	**13**	3	2	2	7	2	1.5	.5	5
11	**11**	**11**	6.5	1.5	1.5	3.5	3	3	1.5	1.5	2	4.5
4	.5	5	2.5	3	.5	0	0	0	0	0	0	**1.8**
10.5	8.5	5	.5	.5	6.5	6	8	6	3	2.5	.5	3.8
5	**14**	5	5	7	0	0	0	0	0	0	0	2.2
16	10	3	1.5	1.5	1.5	4.5	5.5	2	1	.5	0	4
9	8	8.5	5	3.5	.5	2.5	1.5	.5	0	0	.5	2.6
10	10	8	7.5	7	3.5	3.5	5	6	3.5	2.5	1	4.9
14	10	9	3.5	5.5	3.5	2	6.5	2.5	3.5	5	2	4.9
12.5	10	7	2.5	3	6.5	9	8	4	0	0	0	4.9
11	6	4	6	3.5	5	2	4	3.5	.5	.5	2	3.2
11	13	9	11	**17**	**15**	16	7	1.5	1.5	2	0	6.2
16	14	13	12.5	15.5	13.5	5.5	6.5	1	9.5	15	12.5	**8.4**
14	**15**	11	6	6	13	10	5.5	1.5	4.5	2.5	0	7
10	9	**11**	10	6	.5	2.5	4.5	1.5	1	0	.5	3.9
9	10	**13**	10	9.5	4.5	5.5	5	2.5	1	.5	1	4.1
13	9	6	1.5	1	4.5	4	1.5	3.5	4	2	1	4.2
14	9	8.5	7	4.5	7	4	2.5	3	2.5	3.5	1.5	4.3
4	4.5	3.5	4	3.5	4	3.5	.5	0	1	0	0	2.3
8.5	3	5	2	.5	1	1.5	1	.5	0	2	0	2.9
7	5.5	9.5	12	16	**21**	13	9.5	8.5	3	5	9	6
12	10	**13**	7.5	12.5	8	7	6	6.5	10	4	4	6.8
10.5	10	11	6.5	7	5	2.5	1	0	.5	.5	.5	4.6
6	5.5	1	1.5	.5	4	0	1	.5	0	1.5	.5	2
10	**10**	9.5	6.5	6.5	1.5	3	4.5	8	.5	2.5	1	3.6
17	19	**21**	9	15	11	6.5	2.5	4	4.5	.5	3.5	6.9
10.7	9.7	8.5	6.4	6.6	5.6	4.6	3.7	2.9	2.1	2.3	2	4.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	9	9		1													5	168	**0**	**33.3**
2	2	1		2	2								1		5	1	10	119.5	1.7	2.1
3		2	3	1								3	1	1			13	82	2.4	
4		5	1	3		1	2			1		1		2	1		7	121.5	2.6	
5		2	8	4	3										1	1	5	107.5	2.4	.3
6	4	1	3	2	2						1		1	1			9	120	2	1.8
7	2	2		1		1	2				1	4	1			1	9	107.5	3.1	
8	1	2	3		1									1		1	15	**44**	1.4	
9	2						5						2	4			11	90.5	3.3	
10			2								1			1	1	2	17	52.5	.8	.9
11	3	5	4		1												11	95	1.5	.3
12		1										1		4		2	16	62	3.6	
13			6				1	4						4			9	117.5	2.9	
14	1			4			7	3				1	2	2			4	118.5	2.9	
15		2	5					3	1				4	1			8	116.5	3.2	
16		1			1				1		1	1	1	4	1		13	78	3	
17							1		2			4	4	4	1		8	150	3.4	2.3
18	3	4	1								2	2	2	3	1	1	5	**201.5**	3.5	
19		2	5	1	2			1	2		1			5	1		4	168.5	3.1	
20		2			2							1	4	2		3	10	94.5	2.9	
21										1	1	2	1	4	3		12	99	3.1	
22		5	1				3	2				3	2	2			6	101.5	3.2	
23		3	3	2								1	4	2			9	104	3.7	
24		2		1		1		1	2			1				1	15	55	.7	12.7
25		2							1				1	1	1	2	16	69.5	.7	10.4
26	3	6	2	1					1	1						2	8	145	2.8	
27	1	1		1	8								4	2	2	3	2	163	2.8	
28	4	3	1	3	1							2				3	7	110.5	3.2	
29	2	3	2	1									1	1		4	10	49	1.3	.9
30	2	2	3		5											1	11	85.5	3.5	
31		1	3	6	2	1								1		1	9	166.5	**4**	
Total	39	69	56	34	30	4	21	14	10	3	8	27	36	52	18	29	294	3,363.5	78.4	65
Mean	1.3	2.2	1.8	1.1	1	**0.1**	0.7	0.5	0.3	**0.1**	0.3	0.9	1.2	1.7	0.6	0.9	**9.5**	108.5	2.5	2.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	762. 85	9. 30a.	**26.6**	1. 55p.	**100**	21. 8	760. 05	3. 45p.	22. 8	6. 35a.	**87**	19. 6
2	61. 80	0. 05a.	30. 7	1. 55p.	**100**	22	57. 90	3. 10p.	22	5. 55a.	65	19. 1
3	61. 38	10. 00a.	30	2. 20p.	99	21. 9	58. 33	3. 00p.	20	6. 05a.	71	17. 6
4	62. 50	9. 05a.	30. 3	2. 45p.	95	21. 1	59. 82	4. 00p.	21. 6	6. 30a.	69	18. 5
5	61. 85	9. 15a.	30. 4	2. 20p.	97	20. 4	59. 15	3. 15p.	21. 4	6. 35a.	64	18. 6
6	61. 15	8. 45a.	30	2. 10p.	97	20. 7	58. 05	3. 00p.	21. 2	11. 35p.	65	17. 2
7	60. 90	9. 35a.	30. 8	3. 15p.	97	21. 4	58. 25	3. 40p.	19. 5	6. 30a.	62	16. 6
8	61. 45	9. 15a.	30. 3	0. 20p.	98	22. 1	58. 33	3. 00p.	21. 7	6. 30a.	70	18. 9
9	60. 75	0. 05a.	30. 8	3. 45p.	97	**22.3**	**57.70**	3. 45p.	20. 9	6. 30a.	71	18. 2
10	**60.65**	9. 15a.	29. 9	10. 10a.	96	22	58. 34	3. 00p.	**23.5**	6. 15a.	77	**20.5**
11	61. 70	9.20a.	28. 5	3. 05p.	96	21. 8	59. 05	3. 00p.	22	11. 55p.	79	18. 3
12	61. 73	9. 00a.	29	1. 30p.	96	21. 4	59	2. 25p.	21. 2	6. 40a.	71	18. 4
13	62. 65	9. 45a.	30. 9	3. 35p.	95	20. 2	59. 30	3. 40p.	21. 4	12 m. n.	61	17. 8
14	62. 60	9. 00a.	31. 2	2. 45p.	96	21. 3	59. 60	3. 15p.	20. 2	6. 30a.	65	17
15	63. 16	8. 00a.	**31.5**	3. 20p.	94	20. 9	59. 95	3. 30p.	20. 6	6. 30a.	63	17. 1
16	63. 75	8. 55a.	31. 1	2. 20p.	96	21. 5	60. 42	4. 00p.	21. 6	6. 30a.	64	18. 8
17	62. 75	9. 00a.	31. 4	2. 40p.	97	21. 6	59. 60	3. 45p.	23. 2	2. 10a.	62	19. 8
18	63. 25	9. 00a.	30. 8	2. 55p.	96	20. 4	60	3. 30p.	21. 3	6. 40a.	61	17. 1
19	62. 88	10. 00a.	30. 3	3. 55p.	94	19. 6	59. 93	3. 00p.	20. 1	5. 55a.	62. 5	16. 7
20	63. 18	9. 00a.	30. 4	3. 15p.	96	19. 9	60. 05	4. 00p.	20	6. 15a.	61	16. 9
21	63. 42	10. 00a.	31	2. 10p.	96	21	60. 15	4. 00p.	21. 3	6. 20a.	61	18. 4
22	63. 70	8. 45a.	**31.5**	2. 05p.	91	20. 3	60. 70	3. 15p.	22	6. 30a.	62	17. 8
23	64. 10	8. 40a.	31. 3	2. 50p.	95	19. 8	60. 97	3. 00p.	21	6. 45a.	62	17. 4
24	64. 05	9. 05a.	29	10. 10a.	94	21. 5	61. 40	3. 25p.	23. 1	5. 45a.	71	18. 7
25	65. 10	8. 40a.	28. 1	0. 35p.	97	21. 2	62. 80	2. 50a.	22	5. 30a.	77	19
26	65. 26	9. 00a.	29. 7	2. 40p.	97	19. 7	62. 10	3. 20p.	21. 1	10. 30p.	61	15. 5
27	65. 39	9. 00a.	29. 2	1. 40p.	91	17. 3	62. 32	3. 00p.	19. 3	4. 45a.	60	14. 4
28	65. 51	9. 00a.	29. 7	3. 30p.	**89**	**16.2**	62. 75	3. 30p.	18. 9	11. 05p.	**55**	**13.4**
29	65. 21	10. 00a.	28. 7	0. 05p.	95	19. 2	62. 64	3. 00p.	**18.6**	3. 55a.	64	14
30	65. 70	9. 25a.	30. 4	11. 25a.	98	17. 6	62. 89	3. 00p.	**18.6**	6. 25a.	57	16
31	**65.95**	9. 45a.	30	1. 55p.	89	17. 7	**63**	3. 50p.	21	5. 10a.	58	15. 8
Mean	763. 11	--------	30. 1	--------	95. 6	20. 5	760. 15	--------	21. 1	--------	65. 8	17. 5

DAILY GENERAL REMARKS.

1----● almost all day long.
2----● in the early morning.
3----Overcast.
4----Do.
5----d° 11.50 a., 1.20 p.
6----● in the early morning.
7----Cloudy weather.
8----Overcast.
9----Do.
10----●° in the forenoon and afternoon.
11----d° in the morning and afternoon; ⊤ ENE in the afternoon.
12----d° in the afternoon.
13----Cloudy weather.
14----Do.
15----Do.
16----Fair weather.
17----●° in the morning.
18----Somewhat gusty WNW winds in the afternoon; coloration of upper clouds at sunset.
19----Cloudy weather.
20----Fair weather.
21----Cloudy weather.
22----Do.
23----Do.
24----● in the forenoon and afternoon.
25----● in the afternoon and night.
26----Somewhat gusty NNE winds in the evening.
27----Cloudy weather.
28----Do.
29----● in the afternoon.
30----Overcast.
31----Somewhat gusty Ely winds in the afternoon.

OBSERVATIONS FOR FEBRUARY, 1913.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	64.65	64.35	63.95	63.95	64.20	64.70	65.26	65.75	**66.23**	66.08	65.61	65
2	64.25	63.65	63.25	63.35	63.70	63.98	64.24	64.93	**65.19**	65.04	64.41	63.57
3	63.25	62.85	62.05	62.15	62.25	62.66	62.91	63.56	**63.83**	63.61	62.99	62.22
4	61.65	61.45	61.25	61.25	61.35	61.84	61.95	62.55	**62.91**	62.68	62.09	61.24
5	61.65	61.50	61.30	61.50	61.40	61.68	62.05	62.46	**62.69**	62.55	62.11	61.54
6	61.85	61.60	61.30	61.30	61.60	61.66	62.01	62.46	62.91	**62.94**	62.62	62
7	62.35	61.95	61.75	61.50	61.60	61.89	62.10	62.39	**62.74**	62.72	62.19	61.79
8	61.30	61.05	60.95	60.65	60.80	61.17	61.72	62.18	**62.34**	62.20	62.07	61.18
9	61.45	61.30	61.15	61.20	61.30	61.53	61.89	62.46	62.69	**62.75**	62.32	61.80
10	60.95	60.70	60.55	60.75	60.90	61.23	61.60	62.25	62.75	**62.87**	62.54	61.97
11	61.85	61.70	61.55	61.00	61.60	61.89	62.17	62.74	63.04	63.07	62.60	61.97
12	62.90	62.80	62.60	62.70	63	63.46	63.88	64.20	**64.54**	64.49	63.90	63.19
13	63	62.70	62.35	62.45	62.65	63.16	63.61	63.76	**63.96**	63.94	63.33	62.62
14	63	62.90	62.60	62.65	62.85	63.41	63.96	64.44	**64.84**	64.77	64.04	63.34
15	63.90	63.65	63.30	63.25	63.40	63.60	64.15	64.41	64.71	64.91	64.25	63.63
16	64.40	64.05	64.05	64.05	64.35	64.57	65.03	65.61	**65.83**	65.73	65.07	64.22
17	63.05	62.70	62.55	62.40	62.65	62.99	63.25	63.91	**64.05**	63.92	63.34	62.50
18	61.75	61.35	61.10	61.15	61.20	61.51	61.95	62.49	**62.86**	62.69	62.08	61.48
19	61.15	60.75	60.50	60.30	60.25	60.66	61.01	61.64	62.05	**62.39**	61.99	61.43
20	61	60.45	60.10	59.80	60.10	60.29	60.66	60.89	61.53	**61.54**	61.03	60.30
21	60.40	60.35	60.20	60.20	60.20	60.01	59.86	60.24	60.52	**60.54**	60.29	59.73
22	59.75	59.45	59.20	59.25	59.40	59.54	60.02	60.35	**60.63**	60.52	59.84	59.45
23	59.30	59.30	59.15	59.15	59.25	59.37	59.69	59.80	59.78	59.74	59.12	58.32
24	59.55	59.10	58.80	59.05	59.40	59.59	60.11	60.56	60.75	**60.87**	60.77	60.23
25	60.45	60.20	60.05	60.05	60.10	60.75	61	61.24	61.66	**61.94**	61.39	60.79
26	60	59.80	59.65	59.65	59.65	60.35	60.86	61.25	**61.42**	61.38	60.75	59.89
27	59.75	59.50	59.40	59.45	59.65	60.21	60.64	61.18	61.33	**61.42**	60.75	59.94
28	59.55	59.20	59.20	59.20	59.40	59.92	59.41	60.78	**61.33**	61.24	60.94	60.35
Mean	61.72	61.44	61.21	61.21	61.36	61.70	62.04	62.52	**62.83**	62.80	62.30	61.63

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**21.2**	21.4	21.7	22.2	22.1	21.9	22.1	23.1	25.2	25.8	**28.2**	26.6
2	20.9	20.2	19.8	19.5	19	**18.6**	18.8	23.1	26.1	26.6	27	**30.1**
3	20.7	20.7	**19.9**	20.6	20.6	20.5	20.7	23.5	26.1	27.7	29	27.1
4	19.8	19.8	19.7	19.1	**18.8**	19.4	19	22.3	25.6	26.4	26.9	27.4
5	20.5	19.7	19.3	19.3	19.3	**18.5**	18.7	22	26.2	26.3	27.2	27.8
6	22.2	22.3	22.3	21.5	21.4	21.1	**20.7**	23.5	25.9	27	26.5	28.3
7	23.4	23.2	22.8	22.2	**21.8**	22.2	22.7	25.4	27.2	26.7	27.3	28.1
8	23.4	22.6	22.4	22.6	22.5	22.5	22.5	25	27.2	28	29	**30.4**
9	21.9	21.4	**20.8**	**20.8**	21.1	21.6	21.9	23.7	26.4	27.5	28.7	29.1
10	21.7	21.2	20.4	20.3	**19.7**	19.8	20.3	24.4	26.7	28.1	27.2	28.2
11	23.5	22.4	21.6	**21.3**	21.4	21.9	23.1	24.8	26	27	27.3	28
12	22.9	22.9	22.7	22.8	22.2	**21.9**	22.6	24.4	26	26	27.2	27
13	22.9	22.5	21.6	21	20.8	**20.1**	20.4	24	26.3	26.6	28.3	28.1
14	22.5	21.5	21	20.6	20.2	**20**	20.3	23.1	26.8	28	27.5	26.4
15	21.7	20.7	20.2	19.7	19.3	**19**	19.7	23.8	25.2	27.2	27.8	28.4
16	23.1	23.1	23.4	22.9	22.9	22.8	**22.6**	26	28.3	27.9	28.1	28.8
17	22.3	21.2	20.5	20.1	19.3	**19.2**	19.8	22.6	26.5	27.2	28.1	28.8
18	**20.9**	21.1	21.1	21.9	21.4	21.7	21.7	23.3	25.7	28	29	28.2
19	21.5	21.9	21.6	21.3	20.7	**20.2**	20.7	23.5	26.1	28.7	29	29.4
20	20.7	20.2	20	19.7	**19.6**	19.9	20.3	23.2	26	27.4	28.3	28.2
21	**22.5**	22.6	23.3	22.9	22.7	**22.5**	**22.5**	24.7	27.5	26.9	28	28.6
22	24	23.6	23	23.1	22.3	**21.5**	22.1	26.2	28.8	28.5	29.5	30
23	22.7	22.3	22.8	21.9	21.4	**20.9**	21.7	25.7	28.3	29.9	30.3	31.4
24	22.5	22.5	21.6	21	**20.6**	20.8	20.8	23.2	26.7	26.5	27.7	28.4
25	22.7	20.6	19.8	19.2	**18.4**	18.6	19.4	23.1	26.2	27.3	28.6	29.6
26	21.5	21.3	21.3	21.1	20.4	**20.3**	20.7	23	26.5	27.2	28.4	29
27	24.2	23.8	24	23.6	23.5	23.3	23.4	24.2	25.1	26.4	28	28.5
28	21.9	21.9	21.4	21.5	**20.9**	21.1	22.8	24.8	27.6	29.3	27	28.1
Mean	22.1	21.7	21.4	21.2	20.9	**20.8**	21.1	23.9	26.5	27.4	28	28.5

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64.20	63.47	**63.10**	63.27	63.52	63.88	64.24	64.75	64.95	65.05	65.05	64.45	**64.57**
63.04	62.57	**62.10**	62.25	62.75	63.02	63.45	63.75	63.75	63.95	63.75	63.65	63.65
61.32	60.74	**60.28**	60.43	60.69	60.95	61.52	61.90	62	62.15	62.15	62.20	62.11
60.37	59.70	59.04	**58.97**	59.54	60.07	60.72	61.20	61.50	61.60	61.55	61.60	61.17
60.82	60.13	59.69	**59.64**	59.89	60.42	60.77	61.20	61.85	62	62.05	61.90	61.37
61.20	60.46	**60.07**	60.36	60.71	61.19	61.73	62	62.50	62.80	62.80	62.70	61.78
61.09	60.24	**59.98**	60.03	60.33	60.76	61.24	61.75	61.95	61.95	61.70	61.55	61.56
60.64	59.98	**59.55**	59.60	60.02	60.34	60.60	61.20	61.50	61.85	61.80	61.65	61.10
61.04	60.34	59.87	**59.83**	60.11	60.29	60.80	61.25	61.50	61.45	61.25	61.15	61.28
61.43	60.73	60.13	**60.07**	60.37	60.61	61.02	61.85	62.25	62.40	62.45	62.15	61.44
61.51	60.93	**60.57**	60.88	61.29	61.84	62.37	62.75	62.90	**63.10**	63	62.90	62.08
62.57	61.84	**61.23**	61.30	61.49	61.78	62.28	62.80	63.25	63.35	63.40	63.30	62.93
62.09	61.07	**60.86**	60.94	61.44	61.77	62.35	62.85	63.20	63.30	63.30	63.10	62.66
62.93	62.27	**61.72**	61.78	62.18	62.62	63.05	64.10	64.45	64.50	64.50	64.25	63.38
62.95	62.39	61.97	**61.92**	62.12	62.57	63.15	63.85	64.55	64.90	**65**	64.75	63.64
63.17	62.32	61.56	**61.47**	61.84	62.12	62.65	63.20	63.50	63.55	63.60	63.30	63.72
61.73	61.08	**60.53**	**60.53**	60.99	61.37	61.84	62.10	62.30	62.15	62.10	62.05	62.34
60.89	59.96	**59.54**	59.67	59.92	60.29	60.72	61.10	61.40	61.45	61.60	61.55	61.24
60.55	59.83	59.03	**58.98**	59.33	59.79	60.57	61.15	61.40	61.35	61.40	61.30	60.78
59.32	58.78	**58.57**	58.72	58.89	59.33	59.62	59.95	60.20	60.70	60.75	60.70	60.13
58.82	58.22	58.07	**58.01**	58.17	58.85	59.13	59.70	59.95	60	60.15	60.15	59.66
58.73	57.91	57.19	**57.13**	57.25	57.93	58.10	58.40	58.95	59.30	59.50	59.60	59.06
57.70	57.16	**56.81**	56.95	57.35	57.89	58.40	59	59.50	59.90	**60**	**60**	**58.86**
59.58	58.85	58.22	**58.07**	58.49	58.98	59.70	60.15	60.40	60.75	60.80	60.70	59.73
60.18	59.62	58.98	**58.84**	58.94	59.07	59.42	59.70	60.30	60.35	60.50	60.30	60.24
59.28	58.57	57.97	**57.81**	58.01	58.26	58.72	59.15	59.75	60	60.05	60	59.68
59.19	58.54	58.03	57.88	**57.84**	58.08	58.48	59.15	59.60	59.80	59.85	59.75	59.56
59.68	59.07	**58.71**	58.98	59.12	59.47	59.94	60.55	60.90	61.10	61.15	61.05	60.01
60.93	60.24	**59.76**	59.80	60.09	60.48	60.95	61.45	61.79	61.96	61.97	61.85	61.42

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
26.6	27.2	27.8	27.1	26.3	24.7	23.3	23.2	22.4	22.5	22.2	21.7	24
27.7	28.6	28.8	27.1	26	24.9	23.9	22.8	21.9	21	20.7	20.5	**23.5**
29.5	**29.8**	28.2	27.7	26.8	25	23.8	23	22.2	21.9	21	20.6	24
28.1	29	**30.7**	30	28.8	26.3	24.6	23.5	22.9	22.4	21.9	21.5	23.9
29.4	29.7	**30.5**	29.8	28.3	26.3	24.6	23.7	23.3	22.7	22.1	22.1	24.1
28.1	**29.6**	29.3	28.2	27	26.1	25.4	24.9	24.3	24.2	23.9	23.7	24.9
29.2	28.7	28.5	28.6	27.4	26.6	25.3	24.6	23.7	23.4	23.2	23.7	25.2
27.5	27.6	28.1	28	27.7	26.3	25.4	24.7	24.6	23.7	22.7	**22**	25.3
29.7	**30.4**	30	29.7	28.8	26.5	25.4	24.9	23.9	23.6	23.2	22.4	25.1
27.9	29.3	29.3	**30**	29.5	27.5	25.8	25.5	25.3	24.5	23.6	23.2	25
28.7	27.8	28.6	28	27.2	26.2	25.3	25	24.9	24.4	24	23.3	25.1
27.9	27.5	**28.8**	27.6	26.9	24.9	24.1	24.2	23.9	23.8	23.7	23.8	24.8
27.7	29.4	29.1	**29.6**	28.3	26.7	25	24.3	23.8	23.7	23.6	23.4	24.9
28	29.2	**29.7**	28.9	27.6	26.4	25.5	24.5	23.8	23.5	22.7	22.5	24.6
28.5	30	**30.3**	30.2	29	26.9	25.5	24.8	24.4	23.6	24	24.1	24.8
30	**32.6**	30.8	30.2	28.6	26.9	24.9	24.1	23.9	23.7	22.9	23.3	25.9
28.4	29.5	28.5	**29.9**	29	26.5	25.3	24.1	23.5	22.8	21.8	21	24.4
27.6	**30.7**	28.5	29.7	28.8	26.3	25	24.1	23.4	23.3	22.7	22.4	24.9
28.4	30.4	**30.9**	30.2	29	26.5	24.6	23.6	23.2	22.8	22.4	22	24.9
28.3	**29.7**	28.3	29.3	28.4	26.8	26	25.5	24.6	23.8	23.4	23	24.6
29.2	29.7	29.9	**30**	28.2	27	26.2	25.9	25.3	25.1	24.8	24	25.8
29	30.5	**31.6**	**31.6**	30.3	27.9	26.6	25.7	25.2	24.9	24.2	23.8	**26.4**
31.6	**31.7**	31	30.2	28.9	27.3	26.4	25	23.9	23.7	23.7	23.1	26.1
29.1	30	**31.2**	30.9	30.5	27.9	25.9	25	24.7	24.3	23.6	23.4	25.4
30.7	30.9	**31.1**	30.6	29.3	27.3	26	25.5	24.9	24.2	23.4	22.2	25
29.5	30.6	**31**	**31**	29.6	27.5	26.6	25.6	25.1	24.3	24.2	24.3	25.4
29.8	28.8	28	27.9	27.8	26.4	25.1	24.4	23.7	22.8	22.9	**22.5**	25.3
30.4	29.5	29.4	28.5	27.8	27.2	25.8	25.7	25.5	25	24.9	24.7	25.5
28.8	**29.6**	**29.6**	29.3	28.3	26.5	25.3	24.6	24	23.6	23.1	22.8	25

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**86**	85	85	78	76	77	77	78	67	69	**61.5**	68.5
2	87	91	90	92	95	**96**	94	76	62	60	59	**50**
3	89	90	**92**	91	91	**92**	91	77	69	61	57	63
4	87	86	87	**91**	89	85	87	81	71	65	62	60
5	90	91	90	90	91	**95**	94	80	69.5	69	66	62.5
6	88	88	88	89	90	**94**	**96**	81	69	68	67	65
7	85	86	89	89	**91**	88	88	74	68	67	68	68
8	87	90	92	91	93	93	**96**	82	68	65	61	58
9	85	83	84	82.5	83	85	**87**	78	70	68	64	60
10	89	88	90	89	**92**	**92**	91	76	71	67	75	72
11	89	93	**94**	93	93	93	91	85	80	75	73	72
12	78	78	78	79	81	**82**	81	71	63	63	60	60
13	83	85	90	94	94	**97**	94	75	69	67	**61**	63
14	88	**92**	**92**	91	**92**	**92**	**92**	80	68	65	66	68
15	79	84	85	87	**89**	**89**	**89**	77	70	66	66	61
16	84	85	85	85	86	87	**88**	72	62	63	67	63
17	88	89	91	91	**93**	92	91	80	68	68	61	61
18	87	86	88	87	88	87	**91**	81	72	68	63	61.5
19	85	81	84	84	**86**	**86**	82	75	69	61	59	59
20	87	**90**	88	88	89	86	85	75	67	68	60	57
21	89	89	88	90	89	92	**93**	83	71	72	69	66
22	81	81	86	88	90	**92**	90	76	67	71	65	62
23	84	88	86	87.5	90	**92**	89	78	65	60	57	52
24	79	77.5	82	83	85	84	**88**	83	69	68	67	68
25	77	84	83	85	**88**	87	85	74	62	56	55	53
26	83	83	83	81	84	84	**85**	80	66	67	64	60
27	81	85	83	83	83	86	**89**	84	82	76	69.5	70
28	90	91	90	90	**94.5**	92	86	80	64	59	67.5	65
Mean	85.2	86.4	87.2	87.5	88.8	**89.2**	88.9	78.3	68.5	66.1	63.9	62.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.2	16.2	16.4	15.5	**15.1**	**15.1**	15.3	16.3	15.9	17	17.5	17.7
2	16	16.1	15.5	15.6	15.5	15.3	**15.2**	16	15.5	15.4	15.7	15.8
3	16.1	16.3	16	16.4	16.5	16.6	16.5	16.6	**17.5**	16.9	16.8	16.7
4	14.9	14.7	14.8	15	14.4	**14.2**	14.3	16.3	17.2	16.6	16.3	16.3
5	16.1	15.6	**15**	**15**	15.2	15.1	15.1	15.7	17.6	17.5	17.7	17.3
6	17.6	17.7	17.5	**17**	**17**	17.4	17.5	17.5	17.3	18.1	17.3	18.5
7	18.2	18.2	18.3	17.8	17.7	17.6	18	17.9	18.3	**17.3**	18.4	19.3
8	18.6	18.4	18.5	18.6	18.8	18.8	**19.4**	19.3	18.3	18.2	18.1	18.6
9	16.6	15.7	15.4	**15.1**	15.4	16.2	16.9	17	17.8	18.5	**18.7**	17.9
10	17.2	16.5	16	**15.7**	15.8	15.9	16	17.3	18.4	18.9	20	20.4
11	19.1	18.7	17.9	17.4	17.6	18.1	19.1	19.8	20	20	19.8	**20.3**
12	16.1	16.1	16.1	16.4	16	16.1	16.5	16.1	15.8	15.8	16.1	15.9
13	17.3	17.2	17.3	17.3	17.1	17	16.8	**16.7**	17.5	17.2	17.4	17.7
14	17.7	17.5	16.9	16.5	16.3	16.1	16.4	16.9	17.8	**18.2**	18.1	17.5
15	15.2	15.3	15	14.8	14.9	**14.6**	15.1	16.8	16.6	17.7	**18.3**	17.6
16	17.7	17.9	18.1	17.7	17.8	17.9	17.9	17.9	17.8	17.7	**18.9**	18.6
17	17.7	16.7	16.3	16	15.5	15.3	15.7	16.3	17.6	**18.1**	17.4	**18.1**
18	**16**	16.1	16.4	16.9	16.7	16.7	17.5	17.2	17.7	**18.9**	18.7	17.5
19	16.1	15.9	16.1	15.9	15.6	15.1	15	16.1	17.3	17.7	17.6	**17.9**
20	15.8	15.8	15.3	15	15	**14.8**	15.1	15.8	16.8	**18.6**	17	16.2
21	**17.9**	18.2	18.7	18.7	18.3	18.6	18.8	19.3	19.4	18.9	19.3	19.1
22	18.1	17.6	18	18.4	18.1	17.5	17.8	19.1	19.6	**20.6**	20	19.7
23	17.3	17.5	17.7	17.1	17	16.8	17.2	**19.2**	18.5	18.9	18.3	17.8
24	16	15.7	15.7	15.5	**15.4**	**15.4**	16.1	17.5	17.9	17.4	18.4	19.6
25	15.7	15.2	14.3	14	**13.9**	**13.9**	14.2	15.5	15.7	15	16	16.4
26	15.8	15.6	15.6	15.1	15	**14.9**	15.5	16.7	16.9	17.9	18.3	17.9
27	18.1	18.6	18.4	18	17.7	18.3	19	18.8	19.4	19.3	19.5	**20.2**
28	17.6	17.8	**17**	17.2	17.3	17.1	17.7	18.7	17.5	17.9	17.8	18.5
Mean	16.9	16.7	16.6	16.4	**16.3**	**16.3**	16.6	17.3	17.6	17.9	18	18

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
68	68	63	62	63	67	74	72	78	79	83	**86**	73.8
58	58	56	61	63	67	71	75	81	85	85	88	75
53	**51**	59	60	59	64.5	70	71	77	77	81	83	73.7
59.5	59	**52**	53	59	63	67	72	74	77	85	85.5	73.2
59	58	**51**	55	57	66	71.5	74	76	75	85	88	75.1
68	**62**	**62**	68	72	76	73	75	79	80	83	81	77.6
62	68	69	68	68	70	76	77	83	83	85	85	77.3
69	68	60	54	**53**	69	75	79	78	75	82	81	75.8
59	**55**	59	**55**	61	72	73	73	78	81	83	**87**	73.6
70	63	65	**61**	68	73	79	80.5	83	85	88	90	**79.1**
68	71	**64**	67	66	69	74	75	71	73	75	78	78.4
61	62	58	**57**	60	69	71	71	73	76	79	78	70.4
64	62	64	**61**	63.5	69	76	78	80	81	82	85	76.6
65	58	**54**	58	62	66	69	72	69.5	69	73	73	73.9
60	55.5	55	**54**	60	66	71	75	75	80	79	80	73
53	**49**	51.5	52	56	59	70	75	76	78	83	82	71.3
63	55	61	**47**	52	59	62.5	71	77	81	83	85	73.7
64	**50**	59	54	56	63	70	75	79	80	82	81.5	73.9
58	48	47	**44**	48.5	61	68	74	76	77	81	84	69.9
59	**56**	60	60.5	63	69	73	72	78	81	83	87	74.2
64	**63**	65	**63**	69	72	76	77	79	78	79	83	77.5
65	60	54	**50**	**50**	61	67	73	75	78	80	80	72.6
50	**49.5**	50.5	54.5	60	61	64	69	72	73	74	78	70.2
67	62	56	**50**	**50**	58	65	67	69	72	74	72	70.6
51	52	52	54	57	63	65	66	64	70	75	79	**68.2**
61	57	55	**52**	57	68	68	75	75	79	80	81	72
63	65	65	67	67	69	74	78	81	85	85	88	77.4
57	**56**	57.5	64	70.5	67	71	76	77	79.5	79	82	75.2
61.4	58.6	58	**57.4**	60.4	66.3	70.9	73.8	76.2	78.1	80.9	82.5	74

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.6	**18.3**	17.6	16.5	15.9	15.5	15.7	15.3	15.7	16	16.6	16.5	16.3
16.2	**16.9**	16.6	16.2	15.8	15.8	15.7	15.5	15.9	15.8	15.5	15.8	**15.8**
16.3	16	16.7	16.7	15.4	15.2	15.4	**14.9**	15.4	15.1	15	15	16.1
16.8	**17.6**	17.1	16.6	17.5	15.9	15.4	15.4	15.4	15.6	16.6	16.3	15.9
18.1	**18.1**	16.6	17.2	16.3	16.8	16.4	16.2	16.2	15.4	16.8	17.3	16.4
19.3	19.1	18.7	**19.4**	19.2	19.1	17.6	17.5	17.9	17.9	18.3	17.7	18
18.8	19.8	**20**	19.7	18.3	18.1	18.2	17.7	18.1	17.7	18	18.4	18.3
18.9	18.8	17	15.3	**14.7**	17.5	18.1	18.2	17.9	16.3	16.8	16	17.9
18.3	17.9	18.5	16.9	17.8	18.5	17.6	17.2	17.2	17.6	17.5	17.5	17.2
19.6	19.1	19.7	19.3	**20.8**	20	19.5	19.5	19.8	19.4	19	18.9	18.4
19.8	19.8	18.7	18.7	17.7	17.4	17.6	17.6	**16.6**	**16.6**	16.7	**16.6**	18.4
17.1	17	17.1	**15.7**	**15.7**	16.1	15.9	15.8	16	16.6	**17.2**	17.1	16.3
17.6	18.9	**19.2**	18.9	18.2	18	18	17.5	17.5	17.7	17.8	18.1	17.7
18.2	17.4	16.8	17	16.9	16.8	16.8	16.5	15.2	**14.9**	**14.9**	**14.9**	16.8
17.5	17.5	17.5	17.2	17.9	17.4	17.3	17.4	17.1	17.3	17.5	17.8	16.7
16.6	18.1	17	16.5	16.3	**15.6**	16.5	16.8	16.7	17	17.3	17.4	17.4
18.1	16.9	17.7	**14.8**	15.4	15.1	15	15.9	16.6	16.7	16.1	15.8	16.4
17.5	16.5	17.1	16.8	16.4	16.1	16.4	16.8	16.8	16.9	16.8	16.4	17
16.8	15.6	15.6	**14.1**	14.4	15.6	15.8	16	16.1	15.8	16.3	16.5	16
16.9	17.3	17.2	18.3	18.1	18.2	18.3	17.5	17.9	17.8	17.7	18.1	16.9
19.4	19.6	**20.5**	19.8	19.6	19.2	19.1	19.1	18.9	18.5	18.3	18.4	**19**
19.5	19.4	18.7	17.3	**16**	17.1	17.2	17.9	17.9	18.2	17.9	17.5	18.3
17.3	17.2	16.9	17.4	17.8	16.6	16.4	16.2	**15.8**	16	16.2	16.3	17.2
20	19.7	18.9	16.8	16.3	16.2	16.2	15.9	16	16.3	16	15.5	16.8
16.9	17.3	17.4	**17.7**	17.4	16.9	16.3	16.1	15.1	15.7	16	15.7	**15.8**
18.6	18.5	18.3	17.5	17.6	18.5	17.6	18.2	17.8	17.9	17.9	18.2	17.2
19.8	19.2	18.2	18.6	18.7	17.7	17.6	17.6	**17.5**	17.6	17.7	17.7	18.5
18.4	17.3	17.5	18.6	**19.6**	17.9	17.5	18.6	18.6	18.7	18.6	18.9	18
18.1	18	17.8	17.3	17.2	17.1	17	17	16.9	16.9	17	17	17.2

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.											
2	Ci.		Ci.-S.		Ci.-S.							
3												
4												
5	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
6					Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
7	A.-Cu.		A.-Cu.				Ci.		Ci.-S.		A.-Cu.	
8			Ci.		A.-Cu.							
9	A.-Cu.						Ci.-S.		Ci.-S.			
10	Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	
11			A.-Cu.		A.-Cu.		A.-Cu.					
12												
13			Ci.		Ci.							
14	Ci.		Ci.		Ci.							
15	Ci.		Ci.		Ci.	NW	Ci.		Ci.-S.		Ci.-S.	
16	A.-Cu.				A.-Cu.							
17	Ci.		Ci.		Ci.		Ci.					
18	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
19	Ci.											
20	Ci.		A.-Cu.	SSE	A.-Cu.	SSE	Ci.		A.-Cu.		Ci.	
21	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.					
22												
23	A.-Cu.											
24												
25	Ci.				Ci.		Ci.				Ci.	
26	A.-Cu.		A.-Cu.								Ci.	
27			Ci.-S.									
28	A.-Cu.		A.-Cu.									

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.	E	N.-cf.	E	N.-cf.	E	N.-cf.	
2	Cu.				Cu.		Cu.		Cu.	ENE	Cu.	ENE
3	Cu.		Cu.		Cu.		Cu.	E	N.-cf.	E	N.-cf.	
4	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
5	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
6	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
7	S.-Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
8	N.-cf.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.-N.	
9	S.-Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
10	Cu.		Cu.		Cu.		Cu.	E	Cu.-N.	EbyS	Cu.-N.	EbyS
11	S.-Cu.		Cu.	E	S.-Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E
12	Cu.	E	Cu.	E	Cu.	E	Cu.-N.	E	N.-cf.		N.-cf.	
13	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
14	Cu.		Cu.		Cu.	E	N.-cf.	E	N.-cf.	E	N.-cf.	
15	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	
16	Cu.		S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
17	Cu.		Cu.		Cu.		Cu.		Cu.	E	N.-cf.	E
18	S.-Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E	N.-cf.	
19	S.-Cu.		Cu.		Cu.		Cu.		Fr.-Cu.	E	Cu.	E
20	S.-Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
21	S.-Cu.		S.-Cu.		S.-Cu.		S.-Cu.	E	N.-cf.	E	N.-cf.	
22	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	E
23	S.-Cu.		Cu.		Cu.		Cu.	EbyN	Cu.	EbyN	Cu.	
24	Cu.		Cu.	E	S.-Cu.		N.-cf.	E	Cu.	E	N.-cf.	
25	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
26	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.		N.-cf.	
27	S.-Cu.		N.-cf.		N.-cf.	E	N.-cf.	E	Cu.-N.	E	N.-cf.	
28	Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.-N.	E	Cu.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
------	------	------	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	------	------	------	------	------	------
Ci.	------	Ci.	------	------	------	------	------	------	------	Ci.	------
Ci.	------	Ci.	------	Ci.	------	A.-Cu.	------	A.-Cu.	------	------	------
Ci.	------	------	------	Ci.	------	------	------	------	------	------	------
A.-Cu.	------	------	------	------	------	A.-Cu.	------	------	------	------	------
Ci.	------	------	------	A.-Cu.	------	Ci.	------	------	------	A.-Cu.	------
------	------	------	------	A.-Cu.	------	------	------	------	------	------	------
------	------	------	------	Ci.	------	Ci.	------	Ci.	------	A.-Cu.	------
------	------	------	------	------	------	------	------	------	------	A.-Cu.	------
A.-Cu.	------	------	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	------	------	------	------	------	------
Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
------	------	------	------	------	------	------	------	A.-Cu.	------	------	------
------	------	------	------	------	------	------	------	------	------	Ci.	------
------	------	Ci.	------	------	------	------	------	------	------	Ci.	------
------	------	------	------	------	------	------	------	------	------	------	------
A.-Cu.	------	Ci.-S.	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	A.-Cu.	------	A.-Cu.	------	A.-Cu.	------
------	------	------	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	------	------	------	------	------	------
Ci.	------	------	------	------	------	------	------	------	------	------	------
------	------	Ci.	------	------	------	------	------	------	------	------	------
------	------	------	------	------	------	------	------	------	------	------	------
A.-Cu.	------	------	------	A.-Cu.	------	A.-Cu.	------	------	------	------	------
------	------	------	------	------	------	Ci.	------	------	------	------	------

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
N.-cf.	E	N.-cf.	E	Cu.	E	Cu.-N.	------	Cu.	------	Cu.	------
Fr.-Cu.	ENE	N.-cf.	ENE	Fr.-Cu.	ENE	Fr.-Cu.	------	N.-cf.	------	Cu.	------
Cu.	E	Cu.	E	Fr.-Cu.	------	N.-cf.	------	Cu.	E	Cu.	------
Cu.	------	Cu.	------	Cu.	------	Cu.	------	N.-cf.	E	Cu.	------
Cu.	------	Cu.	------	Cu.	E	Cu.	------	Cu.	------	Cu.	------
N.-cf.	E	N.-cf.	E	Cu.	------	N.-cf.	E	Cu.-N.	------	Cu.-N.	------
Cu.	E	N.-cf.	E	N.-cf.	E	N.-cf.	------	Cu.-N.	------	N.-cf.	------
Cu.-N.	E	Cu.-N.	E	N.-cf.	E	N.-cf.	------	Cu.-N.	------	Cu.-N.	------
Cu.	E	Cu.-N.	E	Cu.	E	N.-cf.	------	Cu.	EbyS	Cu.	------
Cu.-N.	E	Cu.	E	Cu.	E	Cu.	------	Cu.	------	Cu.	------
Cu.	E	N.-cf.	E	Cu.-N.	E	Cu.-N.	------	Cu.-N.	E	Cu.	------
Cu.	E	N.-cf.	E	Cu.	E	N.-cf.	------	N.-cf.	E	N.-cf.	------
Cu.	E	Cu.	E	Cu.-N.	------	Cu.-N.	E	Cu.-N.	E	Cu.	------
N.-cf.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.	------	N.-cf.	E	Fr.-Cu.	E
Cu.	------	Cu.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------
Cu.	E	Fr.-Cu.	E	Fr.-Cu.	------	Fr.-Cu.	E	Cu.	------	Cu.	------
Fr.-Cu.	E	Cu.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------
N.-cf.	E	Cu.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------
Cu.	E	Cu.	------	Cu.	------	Fr.-Cu.	E	Cu.	------	Cu.	------
Cu.	E	N.-cf.	E	N.-cf.	------	N.-cf.	------	Cu.	------	Cu.	------
N.-cf.	E	N.-cf.	------	Fr.-N.	------	N.-cf.	------	Cu.	------	Cu.	------
Cu.	------	Cu.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------
Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
N.-cf.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
Cu.-N.	------	N.-cf.	E	Cu.	------	Cu.	------	Cu.	------	Cu.	------
N.-cf.	E	N.-cf.	E	N.-cf.	------	N.-cf.	------	Cu.	------	Cu.	------

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	Calm	--------	NNW	1.5	N	4	N	3.5	N	2
2	NNE	1	NNE	0.5	NNE	.5	NNE	.5	NNE	.5	Calm	--------
3	Calm	--------	Calm	--------	NNE	.5	N	1.5	N	1.5	N	2.5
4	Calm	--------	NW	.5	Calm	--------	Calm	--------	Calm	--------	NNE	2
5	ENE	1.5	ENE	2	ENE	2	NNE	1.5	NNE	1	NNE	1.5
6	Calm	--------	Calm	--------	NE	1	Calm	--------	Calm	--------	Calm	--------
7	ENE	.5	Calm	--------	Calm	--------	Calm	--------	ENE	.5	Calm	--------
8	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
9	Calm	--------	NE	.5	NE	.5	Calm	--------	Calm	--------	Calm	--------
10	SE	1	E	1	Calm	--------	NE	1	ENE	.5	E	1
11	N	2	Calm	--------	ENE	.5	ENE	1	E	.5	Calm	--------
12	N	.5	NNW	1.5	N	1.5	NW	.5	NNW	.5	Calm	--------
13	Calm	--------	Calm	--------	WNW	.5	NWbyW	1	Calm	--------	Calm	--------
14	ENE	1.5	ENE	1	NEbyE	1	ENE	1	EbyN	1	ENE	1
15	SE	2.5	NE	2	NE	1	E	1.5	ENE	1	Calm	--------
16	SSE	1	SSE	1	ESE	1.5	ENE	1	ENE	1	Calm	--------
17	E	1.5	ENE	1.5	ENE	1.5	ENE	1.5	ENE	1.5	E	1
18	Calm	--------	Calm	--------	Calm	--------	N	1	NE	1	N	1
19	ENE	1	Calm	--------	NNE	.5	ENE	.5	NNE	.5	NE	1
20	N	.5	Calm	--------	NE	.5	NE	1	N	1.5	NNE	2.5
21	Calm	--------	Calm	--------	Calm	--------	ENE	1	Calm	--------	E	1
22	ESE	1	SE	2	SSE	1	ESE	1	NNE	.5	Calm	--------
23	Calm	--------	E	1.5	Calm	--------	SE	1	SE	.5	SE	1
24	ENE	2	NE	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	ESE	2	ENE	1.5	ENE	1	ENE	1	ENE	1.5	E	1
26	E	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
27	Calm	--------	ENE	1.5	ENE	1.5	ENE	1.5	E	1.5	E	1.5
28	Calm	--------	Calm	--------	E	1	Calm	--------	Calm	--------	NE	1.5
Mean	------------	0.7	------------	0.7	------------	0.7	------------	0.9	------------	0.7	------------	0.8

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	S	2	Calm	--------	E	3	E	5	E	6.5	ESE	2
2	NNW	2.5	ENE	2.5	NE	2	NE	2	ENE	2.5	NbyE	3
3	SE	5	ESE	4.5	W	2	W	2	Calm	--------	Calm	--------
4	W	5.5	W	2.5	SSE	6.5	SSE	7.5	ENE	1.5	E	1.5
5	NW	2.5	W	1.5	SSE	4.5	SE	5	SSE	3.5	ESE	3.5
6	SW	2	SSE	3.5	N	6	SE	3.5	Calm	--------	ESE	1
7	W	2	W	2	Calm	--------	WNW	2.5	SE	2	ESE	1.5
8	NW	2.5	NW	1.5	SE	2.5	SSE	4	SSE	2.5	NNE	1.5
9	ESE	2.5	ESE	3.5	SE	1.5	SE	3.5	ESE	2	Calm	--------
10	W	2	W	1.5	NW	2.5	Calm	--------	Calm	--------	Calm	--------
11	WbyS	3.5	WSW	4	WbyS	2.5	ENE	3	NNE	4.5	NNE	2.5
12	WSW	6	WNW	3.5	WNW	3.5	ESE	4	ENE	5	SSE	1.5
13	WNW	3	NW	3.5	NNW	4	E	2.5	ENE	.5	ESE	1
14	NNW	2	SE	1.5	SEbyE	4.5	SE	3	ESE	3.5	ESE	1
15	W	4	SW	2	SE	4	SE	9	SE	5	SSE	3
16	ESE	3	ESE	5	SE	7	SEbyE	7.5	ESE	4	SE	3
17	WNW	4	WNW	4	WNW	2.5	E	6	SEbyE	3.5	SEbyE	3
18	SE	1	E	4	SE	4	E	4	E	3.5	E	1.5
19	W	3	SW	2.5	SE	4	SE	5	ESE	5	SE	3
20	NW	3	W	1.5	SE	4	SE	2.5	Calm	--------	Calm	--------
21	SE	3.5	SE	5	SE	2	SE	4	SE	1.5	SE	1.5
22	W	3	SSE	2.5	SSE	3.5	SE	4.5	SSE	3	ESE	3.5
23	SE	9.5	SSE	10	SSE	9	SE	9.5	SE	7	SE	4
24	W	3	W	2.5	W	3.5	SE	6.5	E	3.5	ESE	3
25	W	4	W	2.5	WSW	1.5	SSE	7	SSE	6.5	SSE	4.5
26	W	4	W	3.5	WSW	1.5	SE	4	SE	5	SE	3.5
27	S	4	SSE	4	SE	3.5	SSE	6	SE	4	ESE	4
28	NE	2	NNE	1.5	ENE	3.5	SE	3.5	ESE	2	ENE	3.5
Mean	------------	3.4	------------	3.1	------------	3.5	------------	4.5	------------	3.1	------------	2.2

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
N	2	N	5.5	NNE	4.5	NE	2.5	Calm	---------	W	2.5
Calm	---------	Calm	---------	WNW	1	W	2	W	1.5	NE	4
N	3	N	3	NNE	2	NE	.5	N	1.5	SW	4
NNE	1	N	2	NW	3	NW	3.5	WNW	4	WNW	5
Calm	---------	NNE	.5	NNE	1	W	1.5	WNW	2.5	NW	3.5
Calm	---------	Calm	---------	Calm	---------	W	2.5	W	3.5	SW	2.5
Calm	---------	ESE	2	Calm	---------	WbyS	3	WSW	3	WSW	3
ESE	.5	ESE	1	ESE	1	ESE	5	ESE	3	ESE	4.5
Calm	---------	NE	1	Calm	---------	S	1	ENE	4.5	ESE	2.5
E	1	Calm	---------	N	1.5	WNW	2	W	4	W	4.5
Calm	---------	Calm	---------	S	1.5	W	2.5	W	3	WSW	3
NNW	1.5	NbyW	1.5	W	2	WNW	2	WSW	3.5	WNW	4
Calm	---------	NNE	.5	W	2	WbyN	1.5	WNW	4	WSW	3.5
ENE	.5	NNE	2	NE	2	SE	1.5	Calm	---------	WNW	3.5
Calm	---------	Calm	---------	NW	1	WNW	2	W	4	W	4.5
Calm	---------	Calm	---------	Calm	---------	NW	1.5	W	3.5	WSW	1
NE	1	N	1	ENE	.5	W	2.5	W	3	W	4.5
N	.5	NE	1.5	SW	1.5	SE	3.5	SE	2	SE	2
NNE	2.5	NNE	3.5	NNW	2.5	Calm	---------	NW	3	WSW	4
NNE	2	Calm	---------	Calm	---------	WNW	3.5	WNW	4.5	NW	3.5
Calm	---------	N	.5	W	2	WNW	3	WNW	2	WNW	2.5
NE	1.5	Calm	---------	E	2.5	W	1.5	W	3	WNW	5
ESE	1	E	1	SE	6.5	SE	3.5	SE	9.5	ESE	2
N	1	NE	1	Calm	---------	NW	3	WNW	4.5	WNW	2.5
ENE	1.5	NE	1	SSE	1	WNW	2	W	2.5	W	4
Calm	---------	NE	.5	W	2	WSW	2	WSW	3.5	W	2.5
E	.5	Calm	---------	Calm	---------	E	1.5	SE	2	S	3
NE	1.5	NNE	2	NNE	3.5	W	2	WSW	3	NNE	5.5
------------	0.8	------------	1.1	------------	1.6	------------	2.2	------------	3.1	------------	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ESE	2.5	E	1	ESE	1	ENE	1	Calm	---------	ENE	0.5	2.2
NNE	2	NNE	2	NNE	2	NE	1.5	NE	1	Calm	---------	1.4
Calm	---------	ESE	1	ESE	1	Calm	---------	Calm	---------	Calm	---------	1.5
ESE	2	SE	1.5	SE	1.5	SSE	1	SSE	1	ESE	1	2.2
SE	2.5	ESE	1.5	ESE	1.5	E	1	Calm	---------	Calm	---------	1.9
Calm	---------	E	1	ESE	1	ESE	1	ENE	.5	E	.5	1.2
ESE	1	ESE	.5	Calm	---------	ESE	.5	Calm	---------	SE	1.5	1.1
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.2
EbyS	1.5	SE	2	SE	2	SE	1.5	SE	1.5	SE	1.5	1.4
Calm	---------	Calm	---------	Calm	---------	ENE	.5	NNE	.5	NNE	1.5	1.1
N	2	N	1	NW	1.5	NW	1.5	NW	1.5	NNW	1	1.8
SEbyS	1.5	SEbyS	2	SEbyS	2	NNE	.5	Calm	---------	Calm	---------	2
SE	1.5	ESE	2	SE	2	SE	2	SE	2	SE	2	1.6
SE	4.5	ESE	4.5	SE	3	SE	4	SE	3.5	SE	3	2.2
SSE	2	SSE	1	SSE	1	ESE	.5	SSE	.5	SSE	1.5	2.2
SE	2	ESE	2	ESE	2	ESE	2	ENE	2	ESE	2	2.2
SEbyE	3	E	.5	ESE	2	E	1.5	E	1.5	Calm	---------	2.2
Calm	---------	ESE	1.5	ESE	1.5	ESE	1	ENE	1	ESE	.5	1.6
Calm	---------	E	1.5	NE	1.5	E	1.5	E	1.5	E	1.5	2
Calm	---------	ESE	2	ESE	2	E	.5	E	.5	Calm	---------	1.5
Calm	---------	SE	3.5	SE	3	SE	4.5	ESE	4	E	2	1.9
SSE	3	SE	1.5	SE	2	S	1.5	S	1.5	E	.5	2
E	2	ESE	1	ESE	1.5	SE	2	SE	1.5	E	1.5	3.6
E	1.5	ESE	2	ESE	3.5	ESE	2.5	ESE	2	ESE	2.5	2.1
SE	5	SE	3.5	SE	3	SE	1.5	SE	1.5	ESE	1	2.6
SE	4.5	SE	4.5	SE	1.5	ESE	1	ESE	.5	Calm	---------	1.9
SE	2	E	1.5	E	1	Calm	---------	SE	.5	Calm	---------	1.9
ESE	1	ESE	3.5	ESE	3.5	ESE	1	ESE	1	NE	.5	1.9
------------	1.7	------------	1.8	------------	1.7	------------	1.3	------------	1.1	------------	0.9	1.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3.5	0	3	10	14	11	10.5	14.5	15	10	2	4
2	3	1	1	2	.5	1	1.5	3	3	6	9	10
3	.5	1.5	1	5	4	4	8	14	13	7.5	6	11
4	1	1	2	2	1	5	3.5	4.5	6.5	9.5	10.5	17.5
5	5.5	4.5	4	5.5	7	7	1.5	2	.5	6	13	12
6	1	1.5	4	5.5	1.5	2	2	0	5	6.5	11.5	7
7	1.5	2	0	.5	3	2.5	2	4.5	3	7.5	13	10.5
8	3	1	0	.5	.5	2	4	1	5.5	10	18	15
9	1	3	3	2.5	2.5	4.5	3.5	3	2	4	14	12
10	3.5	5	2.5	3	2.5	3	3	1	6	5	14	11
11	6.5	3.5	.5	3.5	3	.5	0	1	2.5	6	8	10
12	2.5	5.5	5	2	2	1	2.5	6.5	4	8	14	11.5
13	.5	1	1	3	2	1	2	2	2	9	12	12
14	6.5	3.5	3.5	4.5	4	2.5	3	3	6	4	6	8
15	6	5	3	4	4	4	3.5	.5	4	8.5	12	14
16	5.5	4	5.5	5	3.5	4	2.5	4	3.5	4	14	8
17	4	4	4	4.5	3	6	3	6.5	2	4.5	12	15
18	1	.5	1	3.5	3	5	1	2	2	7	19.5	17
19	3.5	3	2	2	2.5	3	5.5	12	15	6	14	13
20	3	1	3	3.5	4	8	6.5	2	3	3	17	16.5
21	0	.5	.5	2.5	2	1.5	2.5	1.5	4	11.5	13.5	12
22	4	4	5	4.5	3	3	4	2	3.5	7	15	18
23	1.5	1	2.5	3.5	2	1	.5	5	9	15	24	22.5
24	9	11	4	.5	1	.5	.5	1.5	.5	8.5	11.5	10.5
25	8.5	5.5	6	4	4	5	5	1.5	1.5	8	12	15
26	2.5	2	1.5	.5	.5	2	.5	1.5	2	8.5	12	14
27	.5	3.5	4.5	4	6.5	6	3.5	3.5	4.5	3	2.5	10.5
28	.5	1	1	1	0	1.5	4	3.5	8	4	11	14
Mean	3.2	2.9	2.6	3.3	3.1	3.5	3.2	3.8	4.9	7.1	12.2	12.6

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	m.
1	9	7	9	10	9	9	10	9	8	8	5	4	8.1	1	35
2	2	1	1	2	5	6	8	7	6	6	10	6	5	6	25
3	1	2	2	4	8	10	4	6	5	8	4	1	4.6	6	05
4	1	1	1	2	2	2	2	2	2	2	9	5	2.6	8	30
5	6	6	7	2	4	7	3	3	4	3	5	4	4.5	8	50
6	4	2	6	5	6	8	9	9	5	10	10	10	7	5	50
7	5	2	4	5	7	8	7	8	9	9	10	8	6.8	6	25
8	10	6	5	6	7	8	9	10	10	9	10	10	8.3	3	35
9	9	9	4	9	9	8	9	9	9	7	5	4	7.6	3	05
10	4	6	7	9	9	10	8	8	5	8	4	8	7.2	6	30
11	9	8	10	8	9	8	8	9	10	10	10	10	9.1	2	55
12	7	10	4	10	8	10	9	10	7	10	8	6	8.2	3	30
13	2	3	3	7	7	8	8	4	8	6	9	5	5.8	7	35
14	3	8	3	7	9	10	8	10	10	10	8	7	7.8	3	40
15	7	7	7	6	7	5	5	5	3	1	1	0	4.5	9	20
16	2	1	2	7	8	9	5	3	3	4	4	1	4.1	8	15
17	3	2	1	2	3	9	5	6	5	2	3	4	3.8	9	40
18	10	10	10	7	6	9	9	8	6	4	3	2	7	6	05
19	1	1	1	2	5	4	2	2	2	1	2	3	2.2	9	40
20	3	6	4	5	7	9	9	10	10	10	8	8	7.4	3	05
21	8	6	6	9	10	10	10	10	8	10	9	9	8.8	1	15
22	1	1	2	3	4	6	4	6	5	3	2	1	3.2	9	30
23	1	1	1	2	2	1	1	2	2	3	2	3	1.8	9	50
24	1	7	2	8	7	6	7	3	3	2	2	0	4	7	15
25	6	2	2	1	1	3	1	0	1	1	1	1	1.7	9	10
26	9	6	2	2	2	4	1	1	2	2	1	1	2.8	8	35
27	10	10	10	10	10	9	8	9	8	6	3	6	8.2	1	50
28	7	8	3	5	10	7	7	10	9	9	7	6	7.3	3	10
Total														171	10
Mean	5	5	4.2	5.5	6.5	7.2	6.3	6.4	5.9	5.9	5.5	4.8	5.7	6	07

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
6	5	5.5	**15.5**	13.5	10.5	10.5	4.5	4	3.5	1	1.5	7.4
9	7.5	10.5	10	10	10.5	10.5	**11**	5	4	2	2	5.5
13.5	10.5	11	9	4	8	4.5	4.5	2.5	4	2	1.5	6.3
12	11.5	15	15.5	15	7	5.5	7.5	7	6	6	5.5	7.4
13	12	20	**24**	16	10	7	9	10	8	4	.5	8.4
10	8	**16**	10	7	2.5	5.5	3.5	4.5	4.5	2	4	5.2
11	10	4	4	4.5	4.5	4.5	4	1.5	4.5	1	5.5	4.5
9	8	4	14	12	6.5	3	2	.5	1.5	1	.5	5.1
11	9	8	7	7.5	3.5	4	8	8.5	7	5.5	4.5	5.8
9	6	6.5	3.5	3.5	4.5	4.5	1	.5	2	1	5	**4.4**
15	10	8	13	**16**	13.5	7.5	1.5	4.5	7	6	5	6.3
12	10.5	10.5	8	13.5	12.5	9.5	7.5	6	1.5	1.5	1.5	6.6
15	13	8	9	7	6	8	11	8	10	9.5	10	6.8
7	6.5	**14.5**	12.5	14	9.5	10	7.5	11	7	7	7	7
16	11	**18**	17	**18**	15	9	5	4	1.5	2	5	7.9
8	13	**26**	22	19	13	10	7.5	7	7.5	7	6.5	8.8
19	14	12	**19**	16	16	12.5	8	5.5	6.5	4	1.5	8.4
13	18.5	**21**	20.5	18	14.5	7	4.5	5	5	4	2.5	8.2
17	12	12.5	**21.5**	19	14.5	7.5	4.5	7	5.5	6	6	8.9
14.5	10.5	14	14.5	9	3	3	6.5	7	1.5	3	1	6.6
15	**20**	14	16	13	10	8	12	6	8	9	6	7.9
16	7	**25**	21	21	14	13	10	8	10	6.5	4.5	9.5
24.5	25	28	**30**	26	19	11	6	4	9	9	8	**12**
11	11.5	10.5	16	**19**	11	6.5	8.5	10.5	11	7.5	9	8
15	11	9	14	16	**18**	16	14	11	9	6	4	9.1
14	12	9	9	16	15	16	**18**	11	3	1.5	1	7.2
11.5	14	20	17	**24**	13.5	5.5	6	3	1	4	2.5	7.3
8	7.5	7.5	9.5	10	9	6	10.5	**14**	10.5	4	4.5	6.3
12.7	11.2	13.1	**14.4**	13.8	10.5	8.1	7.3	6.3	5.7	4.4	4.1	7.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	5	1	1	2	4	3	------	------	1	------	------	------	1	------	------	1	5	178.5	2.9	------
2	------	9	5	2	------	------	------	------	------	------	------	------	2	1	------	1	4	133	3.7	------
3	6	2	1	------	------	3	1	------	------	------	------	1	2	------	------	------	8	150.5	3.3	------
4	1	2	------	1	1	2	2	4	------	------	------	------	2	2	3	------	4	177.5	4.2	------
5	------	5	------	3	1	3	2	2	------	------	------	------	2	1	2	------	3	202	4.4	------
6	1	------	1	1	2	3	1	1	------	------	2	------	2	------	------	------	10	125	4	------
7	------	------	------	2	------	5	2	------	------	------	------	2	3	1	------	------	9	109	3.1	------
8	------	1	------	------	------	6	1	2	------	------	------	------	------	------	2	------	12	122.5	3.3	------
9	------	------	3	1	------	5	7	------	1	------	------	------	------	------	------	------	7	138.5	3.6	------
10	1	2	1	2	3	------	1	------	------	------	------	------	4	1	1	------	8	**106.5**	3.2	------
11	3	2	------	3	1	------	------	------	1	------	------	2	4	------	3	1	4	152	3.2	------
12	3	1	------	1	------	1	------	4	------	------	------	2	1	4	1	3	3	159	3.9	------
13	------	1	------	1	1	2	5	------	------	------	------	1	1	4	1	2	5	162	4	------
14	------	1	1	6	1	3	9	------	------	------	------	------	------	1	------	1	1	168	3.9	------
15	------	------	2	1	1	1	4	6	------	------	1	------	3	1	1	------	3	190	4.8	------
16	------	------	------	3	------	8	4	2	------	------	------	1	1	------	1	------	4	210	5	------
17	1	------	1	5	6	1	3	------	------	------	------	------	3	3	------	------	1	202.5	4.8	------
18	3	------	2	1	4	4	5	------	------	------	1	------	------	------	------	------	4	196	5.4	------
19	------	4	2	2	4	1	3	------	------	------	1	1	1	------	1	1	3	214.5	5.7	------
20	2	2	2	------	2	2	2	------	------	------	------	------	1	2	2	------	7	158	4.1	------
21	1	------	------	1	2	1	9	------	------	------	------	------	1	3	------	------	6	189	4	------
22	------	1	1	------	2	3	4	5	2	------	------	------	3	1	------	------	2	229	5.5	------
23	------	------	------	------	4	4	12	2	------	------	------	------	------	------	------	------	2	**287**	**7.1**	------
24	1	------	2	1	2	6	1	------	------	------	------	------	3	2	1	------	5	191	4.4	------
25	------	------	1	5	1	2	5	4	------	------	------	1	4	1	------	------	------	219	5.8	------
26	------	------	1	------	1	2	6	------	------	------	------	3	4	------	------	------	7	173	5.3	------
27	------	------	------	3	6	1	5	2	2	------	------	------	------	------	------	------	5	174.5	3.6	------
28	------	4	4	2	1	6	1	------	------	------	------	1	1	------	------	------	4	150.5	4	------
Total	28	38	31	49	50	78	95	34	7	0	5	15	49	28	19	10	136	4,868	120.2	0
Mean	1	1.4	1.1	1.8	1.8	2.8	3.4	1.2	0.2	0	0.2	0.5	1.8	1	0.7	0.4	**4.9**	173.9	4.3	0

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	**766.23**	9. 00a.	**29**	10. 55a.	86	18. 3	**763.05**	3. 05p.	20. 9	0. 50a.	61. 5	15. 1
2	65. 25	9. 15a.	31	0. 05p.	96	**16.9**	62	3. 25p.	18	6. 25a.	50	15. 2
3	63. 90	8. 35a.	31. 9	1. 45p.	92	17. 5	60. 20	3. 45p.	19. 8	2. 50a.	51	14. 9
4	62. 95	9. 05a.	31. 3	3. 10p.	91	17. 6	58. 90	3. 25p.	18. 4	6. 45a.	52	14. 2
5	62. 69	9. 00a.	31. 4	2. 15p.	95	18. 1	59. 55	3. 15p.	18. 4	6. 15a.	51	15
6	63. 05	9. 30a.	31. 4	3. 40p.	96	19. 4	60. 07	3. 00p.	20. 6	6. 35a.	62	17
7	62. 74	9. 00a.	31. 1	0. 40p.	91	20	59. 95	3. 40p.	21. 4	4. 50a.	62	17. 3
8	62. 34	9. 00a.	31. 5	0. 05p.	96	19. 4	59. 50	3. 40p.	21. 2	11. 55p.	53	14. 7
9	62. 80	9. 45a.	32. 3	1. 45p.	87	18. 7	59. 80	3. 40p.	19. 7	3. 45a.	55	15. 1
10	62. 90	9. 45a.	32. 1	3. 45p.	92	**20.8**	59. 95	3. 30p.	19. 1	5. 20a.	61	15. 7
11	63. 15	9. 15a.	30. 7	0. 20p.	94	20. 3	60. 57	3. 00p.	21. 1	4. 20a.	**64**	16. 6
12	64. 54	9. 00a.	30	3. 15p.	**82**	17. 2	61. 10	3. 30p.	21. 5	6. 05a.	57	15. 7
13	64. 05	8. 35a.	31. 7	2. 35p.	**97**	19. 2	60. 80	2. 50p.	20	5. 50a.	61	16. 7
14	64. 84	9. 00a.	31. 2	2. 45p.	92	18. 2	61. 70	2. 55p.	19. 6	5. 45a.	54	14. 9
15	65. 10	10. 30p.	32	2. 20p.	89	18. 3	61. 90	3. 45p.	18. 7	6. 25a.	54	14. 6
16	65. 95	9. 30a.	**33.4**	1. 55p.	88	18. 9	61. 40	3. 35p.	21. 8	6. 45a.	49	15. 6
17	64. 10	9. 25a.	30. 9	4. 10p.	93	18. 1	60. 40	3. 30p.	18. 6	6. 05a.	47	14. 8
18	62. 90	9. 15a.	31. 7	1. 35p.	91	18. 9	59. 40	3. 15p.	20. 7	1. 40a.	50	16
19	62. 45	9. 50a.	32. 4	2. 30p.	86	17. 9	58. 95	3. 30p.	19	6. 35a.	**44**	14. 1
20	61. 65	9. 25a.	31. 6	1. 40p.	90	18. 6	58. 55	3. 05p.	19. 2	4. 50a.	56	14. 8
21	60. 65	0. 05a.	31. 6	1. 30p.	93	20. 5	57. 90	4. 40p.	22. 2	6. 20a.	63	**17.9**
22	60. 75	9. 35a.	32. 5	3. 45p.	92	20. 6	57. 05	3. 30p.	21	6. 10a.	50	16
23	**60.05**	11. 45p.	32. 9	1. 50p.	92	19. 2	**56.75**	3. 30p.	20. 5	6. 20a.	49. 5	15. 8
24	61	10. 25a.	32	3. 30p.	88	20	58. 07	4. 00p.	20	5. 30a.	50	15. 4
25	62	9. 30a.	32. 5	3. 20p.	88	17. 7	58. 75	4. 25p.	**17.8**	6. 25a.	51	**13.9**
26	61. 42	9. 00a.	32. 2	3. 15p.	85	18. 6	57. 75	3. 45p.	19. 5	6. 10a.	52	14. 9
27	61. 45	9. 40a.	30. 4	1. 05p.	89	20. 2	57. 75	4. 40p.	**22.3**	11. 55p.	63	17. 5
28	61. 40	9. 50a.	31. 7	1. 15p.	94. 5	19. 6	58. 65	3. 10p.	20. 4	5. 30a.	56	17
Mean	762. 94	--------	31. 6	--------	90. 9	18. 9	759. 66	--------	20	--------	54. 6	15. 6

DAILY GENERAL REMARKS.

1----Overcast.
2----≡ a.
3----Cloudy weather.
4----⌓ a; Somewhat gusty SSE winds in the afternoon.
5----Cloudy weather.
6----●° 5.10 a.
7----Cloudy weather.
8----d, ⌒ in the morning.
9----d° 10.43 a.
10----Overcast.
11----●° 3.10 p.
12----Overcast.
13----Cloudy weather.
14----Overcast.
15----Somewhat gusty SE winds in the afternoon.
16----As yesterday.
17----Cloudy weather.
18---- Do.
19----Fair weather.
20----Overcast.
21---- Do.
22----Cloudy weather.
23----≡° a; Gusty SEly winds in the morning and afternoon.
24----Cloudy weather.
25----Somewhat gusty SSE winds in the afternoon.
26----Fair weather.
27----Somewhat gusty SEly winds in the afternoon.
28----d in the forenoon and afternoon.

OBSERVATIONS FOR MARCH, 1913.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.75	60.55	60.50	60.60	60.75	61.30	61.94	62.55	62.67	**62.74**	62.19	61.67
2	61.35	60.85	60.90	60.90	61.25	61.62	62.25	62.47	**62.65**	62.50	62.02	61.04
3	60.75	60.15	60	60.05	60.45	60.76	61.34	**61.85**	61.79	61.77	61.04	60.46
4	60.25	59.85	59.85	59.85	59.90	60.60	61.08	61.54	61.76	**61.78**	61.19	60.36
5	60.30	59.95	59.70	59.75	60.05	60.31	60.99	61.14	**61.37**	61.33	60.84	60.07
6	60	59.45	59.25	59.30	59.70	59.94	60.72	60.89	**61.15**	61.13	60.77	60.17
7	59.75	59.40	59.10	58.95	59.20	59.49	59.89	60.20	**60.34**	60.09	59.95	59.12
8	58.95	58.45	58.30	58.15	58.35	58.49	59.02	59.46	**59.60**	59.54	58.98	58.09
9	58.15	57.85	57.40	57.10	57.30	57.36	57.89	58.18	**58.47**	58.29	57.85	57.43
10	58.10	57.90	57.85	57.85	58	58.39	58.94	59.34	59.62	59.60	59.21	58.74
11	59.65	59.40	58.90	58.90	59	59.36	58.64	60.12	**60.31**	60.22	59.80	59.12
12	59.75	59.70	59.50	59.10	59.15	59.56	59.70	60.50	60.49	60.48	60.12	59.22
13	59.10	58.75	58.65	58.60	58.80	59.27	59.72	60.12	**60.37**	60.13	59.78	59.01
14	59.40	59.05	59	59.10	59.25	59.75	60.09	60.48	60.76	60.63	60.39	59.72
15	60.35	**60.60**	**60.60**	59.90	59.95	59.98	60.23	60.47	60.47	60.17	59.96	59.57
16	59.35	59.25	59.15	59.15	59.35	59.74	60.30	**60.82**	60.76	60.66	60.21	59.52
17	60.15	59.70	59.70	59.85	60.05	60.19	60.64	**61.17**	61.04	60.74	60.25	59.38
18	60.10	59.70	59.50	59.40	59.45	59.72	60.16	**60.50**	60.34	60.33	60.08	59.29
19	59.25	59.15	59.10	59.05	59.10	59.39	59.75	60.26	60.34	**60.38**	60.07	59.29
20	59.80	59.60	59.65	59.70	59.95	60.34	60.95	**61.23**	61.08	60.86	60.53	59.93
21	59.55	59.15	58.70	58.60	58.80	59.15	59.44	59.84	**60**	59.65	59.23	58.49
22	58.05	57.65	57.40	57.45	57.70	58.24	59.04	59.85	60.25	**60.42**	60.09	59.39
23	58.15	57.90	57.65	57.65	58.05	58.24	58.70	59.19	59.45	59.43	59.14	58.38
24	59.55	59.30	59.35	59.40	59.55	60.05	60.76	61.09	61.47	**61.53**	61.19	60.59
25	60.55	60.35	60.15	60.40	60.60	61.18	61.69	62.04	62.23	**62.29**	61.73	60.90
26	60.60	60.35	60.10	60.10	60.40	60.82	61.23	**61.74**	61.69	61.66	61.37	60.62
27	61.80	60.60	60.50	60.65	61.05	61.57	61.89	62.38	**62.45**	62.30	61.70	61.08
28	61.70	61.50	61.40	61.40	61.70	61.99	62.56	62.90	**62.99**	62.67	62.34	61.64
29	61.10	60.55	60.35	60.80	60.85	61.34	62.02	62.54	**62.65**	62.42	61.89	61.45
30	60.85	60.75	60.35	60.35	60.65	61.02	61.60	62.07	**62.24**	62.17	61.67	61.19
31	61.05	60.75	60.30	60.40	60.70	60.77	61.42	**61.87**	61.83	61.39	61.05	60.58
Mean	59.94	59.62	59.45	59.43	59.65	60	60.47	60.93	**61.05**	60.95	60.54	59.86

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	23.9	23.4	23	23	**22.5**	23.8	25.7	28	27.7	27	28
2	23.1	22.7	22.2	21.7	21.2	**20.9**	21.8	26	27.3	28.4	29.1	30
3	21.3	20.5	20.1	19.9	**19.8**	19.9	20.2	23.7	26.3	27.2	28.2	29.5
4	24.4	24.6	24.4	24.4	24.3	24.2	24.5	26.2	28.8	27.5	27.8	**29.2**
5	22.9	22.4	22.6	22.4	22	**21.5**	22.4	25.5	27.2	27.8	28.2	30
6	23.9	23.5	22.3	21.9	21.8	**21.6**	22.8	25.3	26.9	28.1	27.8	28.5
7	23.3	22.8	22.5	22.1	21.9	**21.5**	22.9	25.7	26.8	28.2	28.8	**30**
8	23.9	23.9	23.2	23.1	22.9	**22.4**	23	24.5	27.1	27.7	28.3	29.2
9	23.7	23.1	23	22.8	22	**21.7**	23.6	27	29.2	29.7	29	28.8
10	23.8	23.3	23.1	23	22.6	**22.4**	23.4	26.2	28.2	31.2	30.1	31.3
11	24.6	24.8	23.8	22.3	21.6	**21.1**	23	26.2	28.8	29	28.2	30.2
12	22	22	21.4	21.1	21.1	**20.6**	22.2	26.3	27.9	28.6	28.8	30
13	25.9	25.5	25.2	25.2	24.2	**23.7**	24.5	27	28.7	29.8	30	30.5
14	23.9	**23.4**	23.7	24	24.2	23.8	24.8	27.9	29.6	31.4	30.8	30.3
15	23.9	22.9	22.4	22.1	22.2	**21.8**	22.7	27	29.5	30.8	28.7	29.2
16	23	22.9	22.6	22.4	22.4	**22.3**	24.6	28	29.7	31	31.6	32.7
17	23.8	22.8	21	20.2	**20**	20.2	21.5	24.8	27.8	29.5	29.8	31.9
18	22.1	21.9	22.1	21.2	20.8	**20.7**	22.1	26	29.3	28	29.4	31
19	23	21.8	21	20.8	20.6	**20.1**	22.1	26.3	29.3	27.8	28.9	30.3
20	23.9	22.7	22.2	22.5	22.5	**21.8**	24.2	27.4	30.8	31.1	32	32.5
21	23.9	22.6	20.9	20.2	19.5	**19.3**	22	26.1	28.9	30.5	30.3	31
22	23.3	22.8	22.4	22.6	22.3	**21.4**	23.1	27	29.6	29.1	30.4	30.8
23	23.3	23.1	22.7	22.5	22.1	**21.8**	24.1	27.2	28.7	29.3	28.4	31
24	22.7	21.8	20.9	20.8	**20.5**	**20.5**	23.2	27	29.2	29.3	29.9	31
25	24.4	24.1	23.3	23	**22.5**	22.6	24.7	27.2	29.1	29.6	29.5	30.8
26	24.1	23.3	23.1	22.8	23	22.5	24.4	27.5	28.9	30.2	**31.5**	29.4
27	22.1	21.7	**21.4**	22.2	22.7	23.3	23.7	25.7	26.8	29.3	30.6	30
28	21.7	20.6	20.4	**19.9**	20.5	20.2	22.2	25.7	27.7	28.2	29.5	31.1
29	22.5	21.8	21.7	**21.4**	21.5	21.5	23.2	25.5	28.9	30.8	30.8	29.7
30	24.8	23.9	22.9	22.4	22.1	**21.8**	25	26.3	28.9	28.8	29.4	30
31	23.6	22.4	21.6	20.9	**20.6**	20.7	23.5	25.6	29.4	30.8	31.4	**31.6**
Mean	23.5	22.9	22.4	22.1	21.9	**21.6**	23.2	26.2	28.5	29.2	29.5	30.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.98	60.53	**59.97**	60.02	60.24	60.51	60.82	61.25	61.65	61.70	61.75	61.75	**61.22**
60.30	59.77	58.86	**58.65**	59.05	59.42	59.85	60.40	61.05	61.10	61.15	61.15	60.86
59.87	59.06	58.57	**58.56**	58.59	58.88	59.54	59.75	60.35	60.45	60.60	60.70	60.22
59.68	59.11	**58.44**	**58.44**	58.73	59.09	59.63	60	60.50	60.50	60.70	60.65	60.14
59.38	58.69	**58.27**	58.55	58.99	59.29	59.49	59.65	60.20	60.40	60.60	60.35	59.99
59.52	58.67	**58.23**	58.37	58.52	58.83	59.20	59.65	60.05	60.15	60.20	60.05	59.75
58.40	57.63	**57.26**	57.49	57.77	58.18	58.69	59.35	59.50	59.50	59.60	59.60	59.10
57.12	56.57	56.06	**56**	56.25	56.50	57.05	57.45	57.95	58.35	58.50	58.45	57.98
57.02	56.34	55.73	**55.65**	55.75	56.30	56.85	57.20	57.75	58.15	58.45	58.25	**57.36**
58.17	57.61	57.53	57.47	**57.42**	57.68	58.36	58.95	59.30	59.65	**59.70**	59.65	58.54
58.57	57.58	**57.15**	57.20	57.63	57.89	58.16	58.75	59.20	59.65	59.90	59.75	58.95
58.19	57.44	56.76	**56.55**	56.78	57.01	57.23	57.75	58.35	58.95	59.25	59.30	58.78
58.01	57.27	56.66	**56.49**	56.69	56.91	57.37	58	58.60	59.15	59.45	59.55	58.60
58.95	58.16	57.41	**57.31**	57.54	58.21	58.90	59.60	60.45	60.60	**60.95**	**60.95**	59.44
58.83	58.35	**57.95**	58.07	58.35	58.83	58.90	59.35	59.60	59.85	59.85	59.90	59.59
58.82	58.12	57.62	**57.61**	57.85	58.12	58.35	58.90	59.30	59.85	60.20	60.30	59.30
58.48	57.88	57.38	**57.33**	57.53	57.91	58.41	58.75	59.30	59.85	60.25	60.30	59.43
58.54	57.82	**57.41**	57.47	57.67	58.03	58.49	59.10	59.65	59.75	59.80	59.65	59.25
58.38	57.73	**57.35**	57.42	57.70	58.24	58.81	59.35	59.65	59.95	60.15	60.10	59.16
59.15	58.44	57.87	**57.77**	58.04	58.61	59	59.40	59.80	59.80	59.95	59.90	59.64
57.74	56.93	56.29	**55.95**	56.44	56.77	57.20	57.60	58.10	58.35	58.55	58.55	58.29
58.61	57.81	57.22	56.92	**56.87**	57.22	57.35	57.95	58.15	58.50	58.65	58.65	58.31
57.50	56.97	56.46	**56.37**	56.69	57.25	57.80	58.40	59	59.40	59.70	**59.75**	58.22
59.84	59.07	58.41	**58.21**	58.35	58.66	59.02	59.50	60.15	60.60	60.90	60.90	59.89
59.97	59.19	58.45	**58.11**	58.42	58.70	59.15	59.75	60.40	61	61.10	60.90	60.39
60.11	59.69	59.38	**59.33**	59.39	59.66	60.11	60.55	60.95	61.15	61.25	61.05	60.55
60.32	59.66	**59.19**	59.28	59.41	59.69	60.26	61.05	61.50	61.95	61.90	61.85	61
60.78	59.87	59.20	**58.96**	59	59.40	59.93	60.40	61	61.35	61.45	61.25	61.14
60.52	59.65	59.20	**58.91**	59.07	59.44	59.95	60.45	60.75	61.05	61.35	61.25	60.81
60.69	59.69	59.27	**59.19**	59.41	59.82	60.20	60.45	60.95	61.25	61.30	61.30	60.77
59.83	59.23	**58.87**	58.94	59.32	59.72	60.17	60.50	60.80	61.30	61.35	60.90	60.54
59.11	58.40	57.88	**57.83**	58.05	58.41	58.85	59.33	59.80	60.10	60.27	60.21	59.59

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.8	27.5	29	28.6	28.8	27.2	26	25.5	24.8	23.9	24	23.7	25.8
31	31.7	32.5	**32.6**	30.7	27.3	25.3	24.7	23.8	22.6	21.9	21.9	25.8
28.6	**30.8**	**30.8**	30.2	29.4	26.9	26.4	25.7	25.7	25.6	25.5	25.2	**25.3**
28.9	26	28.2	27.4	28.3	27	25.2	24	23.6	23.2	**22.7**	23.2	25.8
28.7	**30.4**	28.4	26.5	25.7	25.5	25	24.5	24.2	24.1	24	24.3	**25.3**
30	**31.3**	27.8	28.8	27.3	26.3	25.7	25.4	25.3	25	24.7	23.8	25.7
28.9	29.5	29.1	28.7	27.8	26.8	25.8	23.9	23.8	24.2	24.2	24	25.6
30.5	31.5	**32.5**	32.3	30.7	28.2	27.1	26.4	25.8	25.3	25	24.3	26.6
30.3	30.7	32.7	**33**	31.7	29.3	27.9	27.1	26.6	25.8	25.6	24.4	27
30.6	**32.3**	31.2	30.5	30.1	27.9	27	26.2	25.5	25.3	25.2	24.9	26.9
31.5	**33**	32.4	31.5	30.2	27.5	26.3	25.3	24.6	23.9	22.9	22.4	26.5
31.3	30.6	**31.7**	31.6	31	28.9	27.4	26.8	26.5	25.9	26	25.5	26.5
31.5	32.2	33.2	**33.5**	31.7	28.9	27.4	26.7	26.2	25.7	25.1	24.7	**27.8**
31.4	31.7	**33**	32.6	31.9	29.2	27.3	26.4	25.6	25.4	24.5	24.1	27.5
31	**32.6**	32.4	31.7	30.7	28.5	27	26.2	25.2	25	24.5	23.5	26.7
32.9	**33**	32.7	32.2	30.4	27.9	26.4	25.5	24.9	24.2	24.4	24.2	27.2
32.4	**32.4**	32.3	31.9	30.5	28	26.6	25.3	24.7	24.1	24.1	23.6	26.2
31.9	**33.6**	33.1	31.4	30	28.7	27.3	26.3	25.8	25.1	24.8	23.9	26.5
32.4	**32.5**	32.3	31.5	30.4	28.3	26.8	25.6	24.9	25.1	25.1	24.4	26.3
32.5	32.8	**32.9**	32.1	31.5	28.8	26.9	25.8	25.5	25	24.6	24.5	27.4
31.4	31.8	**34.1**	33	31.5	29.1	27.5	26.7	25.9	25.4	25	24.2	26.7
31.2	31.8	32	**32.5**	29.5	27.4	26.9	26.7	25.8	25.4	24.7	23.9	26.8
31.9	**32.8**	32.3	31.7	30.1	27.9	26.8	26.2	25.3	25.1	24.1	23.2	26.7
31.8	32.3	**32.7**	**32.7**	31.8	29.1	27.4	26.8	25.8	25.5	24.9	25.2	26.8
31.2	32.4	**32.9**	32	31	28.5	26.7	25.7	25.3	25	24.9	24.6	27.1
29.4	30.2	31.2	29.5	29	27.8	26.1	25.2	24.6	23.4	23.3	**22.2**	26.4
30.6	30.7	30.9	**31.7**	30.8	28.2	25.6	25	24.3	23.8	23.2	22.3	26.1
32.4	32.5	**33.1**	32.8	31.5	28.8	27.4	26.8	25.7	24.9	24.2	23.4	26.3
30.7	31.7	**32.8**	32.7	31.5	29.7	28	26.5	26.1	25.7	25.6	24.9	26.9
29.5	**32.7**	32.2	32.6	31	28.2	26.5	25.5	25.2	25	24.3	23.8	26.8
31.2	29.5	30.1	30.1	28.5	27.6	26.8	25.4	24.7	24.4	24.1	24.1	26.2
30.9	31.4	**31.7**	31.3	30.2	28	26.7	25.8	25.2	24.8	24.4	23.9	26.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	82	86	87	87	**88**	**88**	85	75	68	67	67. 5	68
2	86	88	88	90	**92**	**92**	88	67	59	53	54	52
3	80	83	84	86	86	**88**	87	75	67. 5	66	63	59
4	77	78	82	82	82	77	77	69	**61**	64	67	64
5	90	94	95	96	97	**99**	96	83	77	70	66	**55**
6	91	92	**96**	**96**	95	95	92	80	72	68	71	68
7	90	89	90	**94**	92	**94**	92	81	74. 5	68	65	**64**
8	92	89	93	93	**94**	**94**	91	85	75	78	72	65
9	90	91	90	91	**94**	93	87	77. 5	67	69	72	71
10	85	89	89	90	**93**	89	89	79	72	62	67	61
11	77	76	81	**87**	85	85	86	69	60	60	65	58
12	82	80	82	81	80	81	81	65	68	71	71	66
13	82	85	85	85	87	**91**	90	77. 5	71	68	70	70
14	**87**	**87**	85	85	86	86	86	69	61	**54**	60	62. 5
15	79	81	83	**85**	84	83	83	72	62	56	69	65
16	75	75	**76**	74	75	**76**	73	61	54	48	49	46
17	77	78	**80**	78	78. 5	**80**	79	66	55	54. 5	58	48
18	85	87	82	88	88	**89**	88	69	66	67	63	57. 5
19	78	81	82	82. 5	82	**86**	83	70	63	66	61	57
20	70	77	78	77	75	**79**	76	65	58	57	53	48
21	70	73	69	68	71	72	71	59	52	51	52	53
22	83	84	89	92	93	**94**	86	69	63	65	61	57
23	87	87	87	87	**88**	87	82	74	71	70	72. 5	65
24	**78**	74. 5	76	76	77	77	74	59	56	55	53	52
25	80	78	83	82	84	**85**	80	68	63	67	68	60
26	76	77	79	81	80	**83**	75	57	56. 5	50	**49**	56
27	76	78	78	76. 5	78	80	**83**	72	67	62	55	59
28	83	**86**	84	85	85	**86**	82	65	60	60	59	48
29	82	**84**	80	80	78. 5	80	81	74	64	56	54	60
30	79	81	83	**85**	84	84	76	72	59	58	57. 5	59
31	76	81	83	**86**	85	86	81	75	62. 5	56	57	**54.5**
Mean	81. 5	82. 9	83. 8	84. 7	85. 1	**85.8**	83. 2	70. 9	64	61. 8	62	59

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18. 8	18. 9	18. 6	18. 1	18. 3	17. 7	18. 6	18. 3	19. 1	18. 5	17. 8	19. 1
2	**18.1**	18	17. 6	17. 4	17. 2	16. 8	17. 1	16. 8	15. 8	15. 2	16. 2	16. 4
3	15. 1	14. 9	**14.7**	14. 8	**14.7**	15. 2	15. 3	16. 3	17. 2	17. 7	18. 1	18. 2
4	17. 5	17. 9	18. 5	18. 7	18. 6	**17.2**	17. 6	17. 4	18. 1	17. 4	18. 5	19. 1
5	18. 7	18. 9	19. 3	19. 4	19. 1	18. 9	19. 2	20. 1	20. 6	19. 5	18. 8	**17.3**
6	20	19. 8	19. 1	18. 7	18. 4	**18.1**	19	19. 1	18. 9	19	19. 8	19. 8
7	19	18. 3	18. 3	18. 5	17. 9	**17.8**	19. 1	19. 8	19. 5	19. 2	19. 2	20. 1
8	20. 3	19. 6	19. 7	19. 5	19. 5	**18.9**	19	19. 4	19. 9	21. 5	20. 5	19. 5
9	19. 5	19. 1	18. 8	18. 8	18. 4	**17.9**	18. 8	20. 5	20. 2	21. 2	**21.5**	21
10	18. 6	18. 9	18. 6	18. 7	18. 9	18	19	20. 1	20. 4	20. 9	**21.2**	20. 9
11	17. 7	17. 7	17. 6	17. 4	16. 2	**15.9**	18	17. 4	17. 7	17. 9	18. 4	18. 5
12	16. 2	15. 7	15. 5	15. 1	14. 9	**14.6**	16	16. 5	19	20. 7	20. 8	**20.9**
13	20. 4	20. 7	20. 3	20. 3	19. 6	19. 7	20. 5	20. 5	20. 9	21. 1	22. 1	**22.6**
14	19. 2	18. 6	18. 6	18. 8	19. 4	18. 9	19. 9	19. 2	18. 7	18. 6	20	20
15	17. 4	16. 8	16. 8	16. 8	16. 7	16. 1	17. 1	19	19	18. 5	**20.1**	19. 5
16	15. 7	15. 6	15. 5	**14.9**	15. 1	15. 1	16. 8	**17.2**	16. 8	16. 1	16. 9	17
17	16. 8	16	14. 8	**13.7**	**13.7**	14	15. 1	15. 5	15. 4	16. 7	**18**	16. 9
18	16. 8	16. 9	16. 3	16. 5	16. 1	16. 1	17. 3	17. 4	**19.9**	18. 7	19. 2	19. 2
19	16. 2	15. 8	15. 1	15. 1	**14.9**	15	16. 5	17. 9	**19.1**	18. 3	18	18. 3
20	15. 5	15. 7	15. 5	15. 5	15. 2	15. 3	17	17. 6	**19.2**	19. 1	18. 8	17. 5
21	15. 5	14. 8	12. 7	**12**	**12**	**12**	14	14. 8	15. 4	16. 6	16. 8	17. 9
22	17. 6	**17.4**	18	18. 7	18. 6	17. 7	18. 1	18. 2	19. 3	19. 4	19. 8	18. 9
23	18. 5	18. 3	17. 8	17. 6	17. 3	17	18. 4	19. 8	20. 6	21. 1	20. 8	**21.9**
24	15. 9	14. 5	13. 9	14	**13.8**	**13.8**	15. 6	15. 7	16. 9	16. 6	16. 6	17. 3
25	18. 2	17. 3	17. 6	17. 1	17. 1	17. 3	18. 5	18. 1	18. 8	20. 7	**20.8**	19. 7
26	16. 9	16. 4	16. 5	16. 7	16. 7	16. 9	**17.1**	15. 6	16. 7	16. 1	16. 8	**17.1**
27	14. 9	15	14. 9	15. 2	16. 1	16. 9	18. 1	17. 7	17. 6	18. 9	18. 1	18. 5
28	16	15. 5	15	**14.7**	15. 3	15. 1	16. 4	16	16. 5	16. 9	18	16. 1
29	16. 5	16. 3	15. 5	15. 2	**15**	15. 3	17. 1	17. 9	18. 9	18. 5	18	18. 7
30	18. 3	17. 8	17. 3	17. 1	16. 6	16. 3	17. 8	18. 3	17. 6	16. 9	17. 5	**18.6**
31	16. 6	16. 3	**15**	15. 9	15. 4	15. 6	17. 5	18. 3	19	18. 4	19. 6	18. 8
Mean	17. 5	17. 2	16. 9	16. 8	16. 7	**16.5**	17. 6	17. 9	18. 5	18. 6	**18.9**	**18.9**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60	70	65	67	61	68	68	72	75	80	81	84	75
50.5	49	43	42.5	**40**	50	53	58	64	73	77	78	66.1
66	56	56	**54**	59	65	67	73	74	79	77	75	71.9
66	84	72	74	67	70	76.5	85	88	88	**90**	**90**	76.3
61	58	62	82	80	85	86	88	87	87	88	86	**82**
67	**63**	77	73	84	83	81	80	80	83	80	86	81.4
67	**64**	69	69	71	75	79	88	90	89	90	91	80.6
61	61	**60.5**	61	63	70	75	77	79	81	85	87	78.4
60	63	57	**54**	57.5	66	69	75	74	79	82	86	75.6
65	**54**	58	65	58	67.5	69	72	74	72	71	75	73.6
56	**51**	**51**	52	57	66	67.5	74	75	78	82	82	70
61	60	**52**	**52**	58	69	75	79	79	80	78.5	**84**	72.3
65	54	55	**52**	56	66	73	74	80	85	87	88	74.9
62	59	56	**54**	56.5	58	63	69	75	74	78.5	81	70.6
56	**52**	**52**	55	56	58.5	65	67	70	68	71	74	68.6
45	**45**	46	48	52	57	63	66	65	68	71	73	61.7
45	**42**	**42**	43	48	56	61	69	68	74	74	79	63.9
53	41	**40.5**	45	52	57.5	65	71	73	75	76	76	68.9
51	48	49	**45**	46.5	52	58	63.5	68	65	63	66	65.3
45	40	39	36	**30**	39	48	60	62	64	67	66	**58.7**
54	54	**38.5**	47	50	49	55	61	67	75	79.5	**83**	61.4
56	**53**	**53**	54	69	76	79	78	81	82	83	86	74.4
58	**49**	50	52	55	60	62	65.5	71	70	77	77	71
50	49	50	**48**	51	59	69	69	75	77	77	77	64.9
58	55	**52**	55	53	59	65	68	70	74	75.5	75	69.1
53	50	51	50	51	55	61	66	69	72	71.5	75	64.3
56	58	54.5	44	**39**	52	63	64	68	71	78	81	66.4
47.5	48	48	**46**	50	62	69	72	76	79	81	80	68.4
58	56	54	**53**	56	58	58	72	75	76	75	79	68.5
61	47	47	**43**	49	52.5	61	64	73.5	73	74	76	66.6
62	64	62	62	64	66.5	69	77	79	80	81	81.5	72.1
57.3	54.7	**53.6**	54.1	56.1	62.2	66.9	71.5	74.3	76.5	78.1	79.9	70.4

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
18.6	19.3	19.3	**19.5**	18.1	18.1	**17**	17.5	17.6	17.6	17.9	18.3	18.4
16.9	17	15.6	15.5	13	13.4	**12.8**	13.3	14.1	14.8	15.1	15.2	15.8
19.1	18.4	18.5	17.2	17.9	17.2	17.1	17.9	18.1	**19.3**	18.6	17.9	17.1
19.6	**21**	20.4	20.1	19.1	18.4	18.2	18.8	19	18.6	18.5	18.9	18.6
17.9	18.8	17.9	**21**	19.6	20.7	20.2	20.1	19.6	19.5	19.5	19.3	19.3
21.3	21.3	21.4	21.6	**22.7**	21.2	20	19.2	19.3	19.4	18.5	18.9	19.8
19.9	19.7	**20.6**	20.1	19.8	19.7	19.5	19.4	19.7	19.9	20.2	20.3	19.4
19.7	20.9	**22**	21.9	20.6	20	20.1	19.7	19.5	19.5	20	19.7	20
19.2	20.6	21	20	20	19.9	19.4	19.9	19.1	19.5	20	19.4	19.7
21.1	19.4	19.4	21	18.4	18.8	18.2	18.2	17.9	17.3	**17**	17.5	19.1
19.3	19	18.3	17.9	18.1	18.1	17.2	17.6	17.3	17.2	17	16.6	17.7
20.9	19.7	18.2	18	19.4	20.5	20.3	20.6	20.3	19.9	19.6	20.3	18.5
22.4	19.5	20.9	19.9	**19.4**	19.6	19.7	**19.4**	20.2	20.9	20.5	20.4	**20.5**
21.2	20.6	20.8	19.7	19.8	17.4	**16.9**	17.7	18.2	17.7	17.9	18	19
18.8	18.9	18.7	19.2	18.4	16.9	17.1	17.1	16.8	16	16.2	**15.9**	17.7
16.7	16.8	16.8	17.1	16.9	15.8	16	15.9	15.2	15.3	16.1	16.4	16.2
16.2	15.3	15.2	15.2	15.7	15.8	15.8	16.6	15.9	16.4	16.6	17.1	15.8
18.6	15.9	**15.2**	15.3	16.4	16.8	17.5	18.1	18	17.8	17.7	16.7	17.3
18.3	17.5	17.6	15.4	15	**14.9**	15.3	15.5	15.9	15.3	**14.9**	15	16.3
16.3	14.7	14.4	12.7	**10.3**	11.5	12.7	14.9	15	15	15.4	15.1	**15.4**
18.4	**18.7**	15.3	17.4	17.2	14.7	15	15.9	16.7	18.1	**18.7**	**18.7**	15.8
18.9	18.5	18.6	19.5	**21.2**	20.5	20.8	20.3	19.9	19.8	19.1	19	19.1
20.5	18.3	18	18	17.4	16.8	**16.2**	16.5	17.1	16.5	17.1	16.3	18.2
17.5	17.6	18.4	17.8	17.8	17.7	**18.7**	18	18.4	18.6	18	18.4	16.7
19.5	19.9	19.2	19.6	17.9	17.1	16.9	**16.7**	16.9	17.5	17.7	17.3	18.2
16.2	16.1	**17.1**	15.4	15.2	15.4	15.4	15.6	15.9	15.5	15.2	**14.9**	16.1
18.3	**19**	18.1	15.3	**13**	14.8	15.5	15	15.3	15.6	16.5	16.3	16.4
17.2	17.5	17.9	17.1	17.2	18.2	18.7	**18.9**	18.6	18.4	18.1	17.2	16.9
19	19.4	**19.9**	19.4	19.1	17.9	16.3	18.5	18.8	18.6	18.3	18.6	17.8
18.6	17.2	16.9	15.7	16.5	**14.9**	15.6	15.6	17.5	17.1	16.8	16.6	17
20.9	19.7	19.8	19.8	18.4	18.2	18.2	18.7	18.2	18.2	18	18.2	18
18.9	18.6	18.4	18.2	17.7	17.4	17.4	17.6	17.7	17.8	17.8	17.7	17.8

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	A.-Cu.		A.-Cu.		Ci.							
2	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
3			Ci.-S.		Ci.							
4	A.-Cu.											
5	A.-Cu.		Ci.		A.-Cu.		A.-Cu.		Ci.			
6	A.-Cu.		Ci.		A.-Cu.		Ci.		Ci.-S.			
7	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
8	Ci.		Ci.		Ci.-S.							
9	Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	
10	A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.			
11	Ci.				Ci.				Ci.			
12												
13	A.-Cu.		A.-Cu.		Ci.		Ci.					
14	Ci.								Ci.-S.		Ci.	
15	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
16												
17												
18	Ci.						Ci.		Ci.		Ci.	
19	A.-Cu.		Ci.		Ci.				Ci.		Ci.	
20	A.-Cu.		Ci.-S.		Ci.		Ci.		A.-Cu.		Ci.	
21	Ci.								Ci.		Ci.	
22	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
23	Ci.		Ci.								Ci.	
24	A.-Cu.		A.-Cu.		Ci.				Ci.		Ci.	
25	A.-Cu.		Ci.		Ci.		Ci.		Ci.		Ci.	
26	A.-Cu.		Ci.		A.-Cu.		A.-Cu.		Ci.			
27			A.-Cu.		A.-Cu.				A.-Cu.		A.-Cu.	
28	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
29	Ci.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.		A.-Cu.	
30	A.-Cu.		A.-Cu.		A.-Cu.							
31	Ci.		Ci.		Ci.		Ci.					

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.		S.-Cu.		S.-Cu.		Cu.	E	N.-cf.	E	Cu.	
2	S.-Cu.				Cu.		Cu.		Cu.		Cu.	
3	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
4	S.-Cu.		Cu.	E	Cu.	E	N.-cf.	E	N.-cf.	E	N.-cf.	
5	S.-Cu.		S.-Cu.		S.-Cu.	E	S.-Cu.	E	Cu.-N.	E	N.-cf.	E
6	S.-Cu.		Cu.		S.-Cu.		Cu.-N.	E	Cu.	E	Cu.-N.	
7	S.-Cu.		S.-Cu.		S.-Cu.		Cu.-N.	E	N.-cf.	E	N.-cf.	E
8	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
9	S.-Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
10	S.-Cu.		S.-Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	
11	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	
12	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
13	Cu.		Cu.		Cu.		Cu.	E	N.-cf.	E	Cu.	
14	Cu.		Cu.		Cu.		N.-cf.	E	N.-cf.	E	Cu.	E
15	Cu.		Cu.		Cu.		Cu.		N.-cf.	E	N.-cf.	E
16	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
17	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
18	Cu.		Cu.		Cu.		N.-cf.	E	N.-cf.	E	N.-cf.	E
19	S.-Cu.		S.-Cu.		Cu.		N.-cf.	E	N.-cf.	E	N.-cf.	E
20	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
21			Cu.		Cu.		Cu.		Cu.		Cu.	
22	Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.	E
23	Cu.		Cu.		Cu.		Cu.	EbyN	Cu.	E	Cu.	
24	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
25	S.-Cu.		Cu.		N.-cf.	E	N.-cf.	E	N.-cf.	E	N.-cf.	E
26	S.-Cu.		Cu.	E	S.-Cu.	E	S.-Cu.	E	N.-cf.	E	N.-cf.	E
27	N.-cf.		Cu.-N.	E	S.-Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	
28	Cu.		Cu.		Cu.		Cu.		Cu.		N.-cf.	
29	Cu.	E	S.-Cu.	E	S.-Cu.	E	S.-Cu.	E	N.-cf.	E	N.-cf.	
30	S.-Cu.		S.-Cu.		N.-cf.	E	N.-cf.	E	N.-cf.	E	N.-cf.	E
31	Cu.		Cu.		Cu.		Cu.-N.	E	N.-cf.	E	N.-cf.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
A.-Cu.				A.-Cu.				A.-Cu.		A.-Cu.	
		Ci.									
										Ci.	
										A.-Cu.	
Ci.-Cu.		Ci.		Ci.		Ci.		Ci.		Ci.	
				Ci.		Ci.-S.				A.-Cu.	
						Ci.		Ci.		Ci.	
								Ci.		Ci.	
						Ci.-S.					
										Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.											
										Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.							
		Ci.									
Ci.-S.		Ci.		Ci.		Ci.					
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
								Ci.		Ci.	
Ci.		Ci.						Ci.			
										A.-Cu.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
		Ci.-S.		Ci.		Ci.		Ci.		A.-Cu.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	E	Cu.-N.	E	Cu.		N.-cf.	E	Cu.	E	Cu.	
Fr.-Cu.	E	Fr.-Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	N.-cf.	E	Cu.	E	Cu.-N.		Cu.		Cu.	
N.-cf.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.		N.-cf.		Cu.	
N.-cf.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.		N.-cf.	
Cu.	E	Cu.-N.	E	Cu.		Cu.-N.	E	Cu.		Cu.	
Cu.-N.	E	Cu.		Cu.	E	Cu.		Cu.		Cu.	
N.-cf.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.	E	Fr.-Cu.		Fr.-Cu.		Fr.-Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Fr.-Cu.		Fr.-Cu.		Fr.-Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
N.-cf.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Fr.-Cu.		Fr.-Cu.		Fr.-Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.	E	Cu.		Fr.-Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.			
Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.		Cu.	
N.-cf.	E	N.-cf.	E	N.-cf.	E	N.-cf.	E	N.-cf.	E	Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Fr.-Cu.		Cu.	
N.-cf.	E	Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.	
Cu.-N.	E	Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	S.-Cu.	E	S.-Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N	1.5	Calm	--------	Calm	--------	Calm	--------	NE	0.5	ENE	0.5
2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1.5
3	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
4	ENE	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1
5	Calm	--------	Calm	--------	N	0.5	N	0.5	NNE	.5	N	1
6	SE	1	N	0.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
8	Calm	--------	N	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
9	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
10	Calm	--------	Calm	--------	Calm	--------	ENE	.5	ENE	.5	E	.5
11	SSE	1.5	SSE	1.5	ESE	1	ENE	.5	NE	1	NE	1
12	E	.5	NNE	.5	NE	.5	NE	.5	NE	1.5	NE	1.5
13	Calm	--------	Calm	--------	Calm	--------	NNE	1	NNE	.5	Calm	--------
14	Calm	--------	Calm	--------	N	.5	N	1	N	1	Calm	--------
15	E	.5	ENE	.5	E	.5	Calm	--------	NNE	.5	Calm	--------
16	Calm	--------	E	.5	NE	1	E	1	NE	.5	Calm	--------
17	ESE	1	ESE	.5	ENE	.5	ENE	.5	NNE	.5	NE	1.5
18	SE	.5	NNE	.5	N	1	N	1.5	NE	.5	NE	1.5
19	E	.5	NE	.5	NE	.5	NE	.5	NE	.5	NE	1
20	E	1.5	NE	1	NNE	.5	NNE	1	NNE	1.5	Calm	--------
21	ESE	1	ESE	1	E	.5	Calm	--------	Calm	--------	Calm	--------
22	Calm	--------	SE	.5	Calm	--------	SSE	.5	Calm	--------	Calm	--------
23	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
24	ESE	.5	NE	.5	NE	.5	ENE	.5	ENE	.5	NE	1
25	SE	.5	ENE	.5	ENE	.5	E	.5	ENE	.5	Calm	--------
26	E	.5	SE	.5	SE	.5	E	.5	E	.5	NE	1
27	NE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SE	7
28	N	.5	Calm	--------	Calm	--------	N	.5	N	.5	NNE	1
29	N	.5	N	.5	N	.5	NE	.5	NE	1	Calm	--------
30	Calm	--------	E	.5	E	1	Calm	--------	Calm	--------	ENE	1
31	NE	.5	Calm	--------	Calm	--------	Calm	--------	NE	.5	Calm	--------
Mean	------------	0.5	------------	0.4	------------	0.3	------------	0.4	------------	0.4	------------	0.7

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	2	WSW	0.5	Calm	--------	Calm	--------	NNE	0.5	Calm	--------
2	SW	3	SW	3	SSW	4.5	W	3.5	N	2	Calm	--------
3	WSW	3	NE	3.5	Calm	--------	NE	6.5	NE	6	NE	6
4	W	2.5	NW	2	NW	2.5	WNW	2.5	WNW	1	Calm	--------
5	NW	2.5	NW	3.5	NW	5	N	2	Calm	--------	Calm	--------
6	Calm	--------	NW	2.5	W	1.5	SSE	2.5	NE	1	Calm	--------
7	WNW	3	WNW	2	W	2	SE	2	SE	3	SE	3
8	W	4	WSW	2.5	SSE	3	SSE	3.5	SSE	5.5	SSE	3
9	WNW	2.5	WNW	1.5	WSW	.5	SSE	3.5	SSE	1	ESE	3
10	SE	.5	SE	3.5	S	1.5	SE	1.5	SE	2.5	SE	3.5
11	W	1.5	SE	5.5	SE	6	SE	6	ESE	3	SE	2
12	W	3.5	NW	4	WNW	4	WNW	3.5	W	1.5	SSW	1.5
13	W	3	W	2	W	1	SE	2	SSE	3.5	SE	3
14	SW	3.5	SW	3	W	3	SE	3	SE	2	E	1
15	SE	7.5	SE	9.5	ESE	8.5	ESE	6	SE	4	SE	2.5
16	SE	4.5	SE	6.5	SE	8.5	SE	7.5	SE	5.5	SE	3
17	SE	6	SE	6	ESE	5	ESE	2	SE	3	SE	1.5
18	W	2.5	SSE	5	SE	5	SE	5	SE	4	SSE	2.5
19	SE	6	SE	7	SE	7	SE	6.5	SE	5	E	5
20	SE	8	SEbyS	9	SE	8.5	SE	8.5	SE	8	ESE	4
21	W	5	W	3.5	SE	5	SE	3	SE	6	SE	3
22	W	4.5	WNW	3	W	3	WNW	1.5	SW	1.5	SW	2
23	W	6	SEbyS	9	SSE	8.5	SSE	8.5	SE	8.5	SE	5.5
24	W	4	WSW	4.5	W	3	W	2.5	SE	3	SE	3
25	W	3.5	SW	1.5	SSE	5.5	SE	5.5	SE	4	SSE	3
26	SE	4.5	SE	7.5	SE	5	SE	4.5	SE	3	E	1.5
27	WNW	5	WNW	7	W	4.5	SE	2	SE	5	ESE	2.5
28	W	3	W	2.5	SW	2	SE	3	SE	3.5	SE	5
29	S	1	SSE	4.5	S	.5	SSE	5.5	SE	3.5	ESE	1
30	NNW	2.5	E	4	ENE	5.5	E	4.5	ESE	1.5	E	.5
31	W	1.5	SE	6	SE	5	E	5.5	EbyN	4.5	NE	3
Mean	------------	3.5	------------	4.4	------------	4	------------	4	------------	3.4	------------	2.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	NNW	2	SW	1.5	SSW	3.5	SW	1.5
Calm	--------	Calm	--------	NNW	.5	WSW	1.5	WSW	3	WSW	4
NNE	0.5	NNE	0.5	W	1	WSW	2	W	3	WSW	4
Calm	--------	N	1.5	NE	1.5	WSW	1.5	S	2	NE	2
N	1	NNE	1	WSW	1.5	WNW	3	NW	2	WNW	4
Calm	--------	Calm	--------	N	1.5	N	1.5	W	2.5	W	2.5
Calm	--------	Calm	--------	Calm	--------	W	3	W	2.5	W	3
Calm	--------	Calm	--------	NE	1	W	2	W	2.5	W	3.5
Calm	--------	Calm	--------	Calm	--------	WNW	1.5	WNW	3	WNW	6
Calm	--------	NE	1	WSW	1.5	S	1.5	S	2	ESE	3
N	1	Calm	--------	NE	.5	WNW	2.5	WNW	3.5	NW	1
Calm	--------	Calm	--------	N	2.5	W	4	WNW	4	W	5
NNE	1	NbyE	5	NNE	2.5	NNW	4	WNW	3.5	WNW	5
NE	1	NNE	1	NbyE	2	N	1	WNW	5	WbyS	4
Calm	--------	Calm	--------	E	1.5	ESE	3.5	WNW	2.5	WNW	3
NE	1.5	ESE	1	NE	1.5	ESE	3	SEbyE	4.5	SEbyS	5
Calm	--------	Calm	--------	WSW	1.5	WSW	1.5	WNW	1.5	SE	5
NE	.5	NNE	.5	ESE	1.5	WNW	3	WNW	2.5	WNW	5.5
NNE	1	NNE	1	E	1	WNW	1.5	WNW	2.5	WNW	4.5
Calm	--------	Calm	--------	Calm	--------	SE	4	SE	6.5	SEbyS	5
Calm	--------	NNE	2	Calm	--------	NW	2	WNW	3.5	WNW	3.5
NE	1	NE	1	NE	.5	WSW	1.5	WSW	3.5	WSW	4
Calm	--------	Calm	--------	WNW	1	WSW	2.5	WNW	3	WSW	4
NE	1	ENE	1	SW	1.5	W	2.5	W	2.5	WNW	4.5
Calm	--------	NE	2	NNE	2.5	W	3	W	3.5	W	4.5
E	1.5	E	3.5	E	2	SE	4.5	SSE	4.5	SSE	8
N	1.5	ENE	3.5	NE	1.5	E	2.5	ESE	4	W	1.5
NE	2	NNE	1	WNW	2.5	WNW	2	W	3.5	W	3
Calm	--------	Calm	--------	Calm	--------	ENE	2.5	Calm	--------	W	4
E	1.5	ENE	1	ESE	.5	WNW	1.5	WNW	2	NW	4.5
NE	1	NE	1	E	2.5	ESE	7	SE	5.5	ENE	4.5
------------	0.5	------------	0.9	------------	1.3	------------	2.5	------------	3.1	------------	4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	--------	SE	1	Calm	--------	Calm	--------	SE	0.5	Calm	--------	0.6
ESE	2.5	ESE	2	SE	1.5	SE	0.5	Calm	--------	Calm	--------	1.4
NE	6	NNE	1	ESE	.5	Calm	--------	Calm	--------	NNW	0.5	1.8
NE	2	NE	.5	Calm	--------	Calm	--------	E	.5	NNE	.5	1.1
Calm	--------	Calm	--------	E	.5	E	.5	Calm	--------	SE	1	1.2
Calm	--------	SE	1.5	SE	1.5	E	1.5	SE	1.5	E	.5	1
SSE	2.5	SSE	1.5	N	.5	NE	.5	Calm	--------	Calm	--------	1.2
SSE	3	SSE	1	SSE	2	SSE	1	Calm	--------	Calm	--------	1.6
ESE	1.5	ESE	2	ESE	3	ESE	1	ESE	1	ENE	.5	1.3
SSE	1.5	SSE	2.5	SSE	2.5	SSE	1.5	SSE	2	SSE	2	1.5
ESE	1.5	ESE	1.5	ESE	1.5	ESE	1	ESE	.5	ESE	.5	1.9
SSW	3	SSW	1.5	SE	1.5	SE	1	SE	1	ESE	.5	2
SE	1	SE	1.5	SE	1	S	1	E	1	S	.5	1.8
ESE	1	SSE	2	SSE	1.5	SSE	1.5	SSE	1.5	ESE	1	1.7
E	1.5	E	1	E	1	E	.5	Calm	--------	Calm	--------	2.3
SE	1.5	ESE	1.5	SE	1.5	SE	2.5	SE	1.5	SE	2	2.7
SE	2	ESE	1.5	ESE	.5	ESE	1.5	ESE	1.5	SE	1.5	1.9
SSE	3	SE	2	SE	1.5	E	1	SE	1	E	1	2.2
ESE	2	ESE	2	E	2	E	2	E	2	E	1.5	2.6
ESE	1	ESE	2	ESE	2	SE	2	SE	1	SE	1.5	3.2
ESE	1.5	SE	3	SE	1.5	SE	2	SE	1	Calm	--------	2
WSW	1	S	1	SSE	1	SSE	1.5	Calm	--------	Calm	--------	1.4
SE	2	SE	1.5	ESE	1.5	ESE	1.5	ESE	1	ESE	1	2.7
SE	1.5	SE	1.5	SE	1.5	SE	1	SE	1	SE	1	1.8
SE	1.5	SE	.5	E	.5	SE	.5	SE	.5	SE	.5	1.9
E	1	E	1	NE	1	NE	1	NE	1	NE	.5	2.5
Calm	--------	ESE	.5	SE	.5	SE	.5	ESE	.5	E	.5	2.1
E	3.5	SE	3.5	SE	2	SE	1	SE	1	N	.5	2
ESE	4.5	ESE	3	SE	2.5	ESE	3	ESE	2	E	2.5	1.8
E	1	SE	1	SE	1	SE	1	SE	.5	E	.5	1.5
NNE	2	Calm	--------	Calm	--------	Calm	--------	ESE	.5	Calm	--------	2.1
------------	1.8	------------	1.5	------------	1.3	------------	1.1	------------	0.8	------------	0.7	1.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3.5	3.5	1	1	1	3	2	2	2	6	**9**	8
2	0	0	0	0	0	1	1	0	3	7	12.5	14
3	1	0	1	0	.5	1	1	1	2.5	5	14	15
4	8	2	0	.5	1	4	1	4	5	2	5	4.5
5	1	1	2	4	2	1	2	5	1.5	5.5	11.5	9
6	5	3	0	0	0	.5	0	.5	4	2	5.5	7
7	1	.5	0	0	0	0	0	0	0	6	10.5	11
8	0	2.5	4	2.5	3.5	2.5	1.5	3	5	3	10.5	11
9	.5	0	0	.5	0	1	1.5	2	2	2.5	7.5	13
10	.5	0	.5	3.5	2.5	2	0	0	2.5	6.5	10	11.5
11	10	11	7	3	6	3	1	4	2	8	16	13.5
12	3	5	4	3	6	6	3	1	6	8	**18**	14
13	.5	0	.5	6.5	2.5	.5	2.5	13	11	7	**17**	15
14	1.5	.5	4	9	6	5.5	1.5	2	8.5	8.5	17	16
15	4	2	3	2.5	3.5	2	4.5	1.5	6	8.5	15	12
16	1.5	4	4	5	5	3.5	5	5	10	12	24	21
17	11	7	5	6	5	6	3.5	.5	2.5	7	12	23
18	2.5	1.5	5	6	4.5	3	2	1	3.5	11.5	15	17
19	6	4	3.5	3	2	2	2	1.5	3	9.5	15.5	14
20	5	4	.5	4.5	10	6	3.5	2	3.5	7	18	23
21	9	6	4	1.5	1	1.5	.5	1.5	5	3	14	10.5
22	1	1	1.5	.5	1.5	0	1	1.5	3.5	4.5	11.5	11.5
23	.5	.5	0	0	1	1	1	.5	2.5	7	14	12
24	3	4	4	2	1.5	3.5	4	3.5	3.5	7	15	**16**
25	1	3	1.5	3	2	2.5	2	5.5	6.5	8	14	11.5
26	8	6	7	5.5	7	5	4.5	7.5	9.5	13	20	21
27	2.5	1	1	2	1.5	9.5	8	9.5	12.5	7	10	10
28	3.5	1	2	3	5	6	6	4	3	9	18	15.5
29	.5	1.5	2.5	2.5	3	3.5	1	2	2	6.5	6.5	10.5
30	5	2	4	2.5	1	2	3	4.5	6	5	21.5	8.5
31	7.5	1.5	.5	1.5	2.5	2.5	1.5	.5	6	15	**22**	14.5
Mean	3.5	2.5	2.4	2.7	2.8	2.9	**2.3**	2.9	4.6	7	13.9	13.4

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	8	9	8	8	9	9	10	10	10	10	10	10	**9.2**	**1**	**50**
2	2	1	2	2	2	3	4	2	2	2	2	0	2	9	40
3	3	8	4	3	4	6	8	5	4	5	3	4	4.8	8	20
4	10	10	5	10	10	9	10	10	6	10	8	8	8.8	3	05
5	9	8	9	7	9	7	10	8	10	10	10	8	8.8	4	40
6	9	8	9	10	9	7	8	10	8	10	9	8	8.8	2	20
7	10	10	9	7	8	7	8	10	10	8	8	10	8.8	4	20
8	2	3	3	4	4	4	5	7	4	4	3	5	4	9	20
9	4	3	4	4	6	7	9	9	5	4	3	8	5.5	7	30
10	9	5	4	5	9	8	8	8	9	7	5	4	6.8	6	35
11	3	2	2	6	7	6	5	6	3	3	2	2	3.9	9	05
12	1	2	2	1	2	2	4	4	3	5	2	2	2.5	9	00
13	3	7	4	6	5	3	3	3	2	3	3	3	3.8	9	25
14	3	3	3	4	6	8	4	5	6	8	8	7	5.4	7	35
15	3	3	5	4	7	7	8	6	4	1	2	1	4.2	8	35
16	2	2	2	4	5	5	5	3	3	3	2	3	3.2	9	30
17	1	2	1	1	4	4	2	3	2	3	3	3	2.4	9	05
18	2	1	1	5	7	7	5	5	5	6	4	4	4.3	8	00
19	8	4	3	8	7	8	4	2	2	2	2	1	4.2	9	10
20	3	3	3	8	6	3	5	3	3	2	3	2	3.7	9	30
21	0	0	0	0	1	2	1	1	2	2	1	3	**1.1**	9	20
22	9	7	9	8	8	7	4	4	4	4	3	4	5.9	7	15
23	3	3	3	4	4	2	4	2	2	2	1	1	2.6	8	30
24	4	4	3	1	2	2	2	2	1	1	2	2	2.2	**9**	**45**
25	3	4	7	7	6	8	3	4	4	6	3	2	4.8	8	00
26	7	7	8	9	7	10	10	10	10	10	8	7	8.6	3	35
27	10	9	9	6	6	5	2	3	3	2	3	3	5.1	7	40
28	5	8	4	4	4	5	3	2	4	5	6	4	4.5	9	00
29	8	10	9	10	9	9	9	8	7	4	4	6	7.8	4	55
30	4	7	7	8	8	7	10	10	5	2	2	1	5.9	5	15
31	9	8	6	7	9	8	9	9	8	8	10	8	8.2	3	25
Total														223	15
Mean	5.1	5.2	4.8	5.5	**6.1**	6	5.9	5.6	4.9	4.9	4.4	**4.3**	5.2	7	12

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
9	6	1	1	1.5	5	1	3.5	1	0	2.5	0.5	**3.1**
12.5	9	**17**	8.5	9.5	7.5	8	9.5	6	3	0	1	5.4
16.5	9.5	9	**24**	23	**24**	22	11	2	1.5	0	3	7.8
6.5	**8**	7	**8**	2	2	6	3	0	0	1.5	1.5	3.4
11	11	**14**	8	11.5	0	1.5	.5	2	2.5	1	5	4.7
1	**8**	6	4.5	4.	2.5	4	7	6	7.5	7.5	2.5	3.7
11	8	6	10	16	12.5	15.5	**17**	4	1.5	2.5	.5	5.6
10	8	7	11.5	14	**16**	13.5	7	5	5.5	1.5	1	6.2
12.5	6.5	4	8	9	**14.5**	10.5	11	14	5	5.5	1.5	5.5
9	19.5	7	14	**21**	17	15	16	15	11	13	14	8.8
10	16.5	**28**	24	19.5	16.5	12	9	8	5	4	4	10
12	17	**18**	13	7	4	10.5	9	9.5	7	6.5	2.5	8
13	11.5	10	8.5	16	13.5	11.5	12	10	6.5	6.5	3	8.2
14	10.5	12	9.5	**18**	10.5	8.5	8	5.5	5.5	4.5	5	8
14	22	**27**	23	20	17	11	8	5	7	7	1	9.4
19	21	**25**	21.5	20.5	16	12.5	13.5	13.5	15.5	13	14.5	**12.7**
23	**26**	21	18.5	17.5	11	9	5.5	4.5	6.5	6.5	6	10.1
10.5	15.5	**21**	19	18	14	15.5	15.5	13	11	9.5	8	10.1
16.5	29	28	**30**	26	19	13	10	8	12	11	8	11.5
22	**27**	25	22.5	19.5	13	7.5	5.5	6	6.5	7.5	10	10.8
11.5	9.5	7.5	14	**15**	13	7.5	9.5	8	7	5	1.5	6.9
14.5	12	9	6	10.5	6.5	6	5	5	6	3	0	5.1
14	17	22	**28**	27	20.5	19.5	15	11	10	4.5	3.5	9.7
15	13	11	9	8	11	8	9	8.5	6.5	4	7	7.4
12.5	9	16	**22**	**22**	17	10.5	6.5	7	9	8	9	8.7
22	**26**	21	17.5	18	11.5	7.5	6.5	7	6	8	3.5	11.2
17.5	20.5	17	11	**21**	13	6	7	7.5	7.5	8	6.5	9
12	13	9	12.5	17	**19**	16	16	11	5	3.5	1.5	8.8
8	5.5	7.5	12	**17**	7	8	9	9	9	8	8	6.2
9	9	**23.5**	19.5	14.5	11.5	10	6.5	8.5	9.5	5.5	5	8.2
7.5	**22**	20	**22**	19	12	7	4.5	.5	.5	2	1	8.1
12.8	14.4	14.7	14.9	**15.6**	12.2	10.1	8.9	7.1	6.3	5.5	4.5	7.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Km.	*mm.*	*mm.*
1	1	1	1	1	------	------	2	------	------	1	2	2	------	------	------	1	12	74	3.3	------
2	1	------	1	------	------	2	2	------	------	1	2	3	1	------	------	1	10	130	5.9	------
3	------	3	5	------	------	1	------	------	------	------	------	3	2	------	------	1	9	187.5	5.6	------
4	1	1	5	1	1	------	------	------	1	------	------	1	1	2	2	------	8	82.5	**2.6**	1.3
5	5	2	------	------	2	------	1	------	------	------	------	1	------	2	4	------	7	113.5	2.7	**12.2**
6	3	------	1	------	2	------	4	1	------	------	------	------	**3**	------	1	------	9	88	2.8	.5
7	1	------	1	------	------	------	3	2	------	------	------	------	4	2	------	------	11	133.5	3.2	1.8
8	1	------	1	------	------	------	------	8	------	------	------	1	4	------	------	------	9	149	4.7	------
9	------	------	------	1	------	6	------	2	------	------	------	1	------	5	------	------	9	132.5	4.6	------
10	------	------	1	2	1	1	5	6	3	------	------	1	------	------	------	------	4	211	5.7	------
11	1	------	3	1	------	8	4	2	------	------	------	------	1	2	1	------	1	241	6.5	------
12	1	1	4	------	1	1	3	------	------	3	------	------	4	3	1	------	2	193	4.8	------
13	------	5	------	------	1	------	5	1	2	------	------	------	3	2	------	1	4	198	5.8	------
14	4	2	1	------	1	2	2	4	------	------	2	------	2	1	------	------	3	191.5	5.3	------
15	------	1	------	1	7	3	4	------	------	------	------	------	------	2	------	------	6	226.5	5.9	------
16	------	------	4	------	2	3	12	1	------	------	------	------	------	------	------	------	2	**305.5**	8.1	------
17	------	1	1	2	------	8	7	------	------	------	------	2	------	1	------	------	2	243.5	7.5	------
18	2	2	3	------	2	1	7	3	------	------	------	------	1	3	------	------	------	243	6.8	------
19	------	2	5	------	7	2	5	------	------	------	------	------	------	3	------	------	------	276.5	7.2	------
20	------	3	1	------	1	4	9	2	------	------	------	------	------	------	------	------	4	259	**8.7**	------
21	------	1	------	------	1	3	8	------	------	------	------	------	2	2	1	------	6	166.5	7	------
22	------	------	3	------	------	------	1	3	1	------	2	4	2	2	------	------	6	122.5	5.3	------
23	------	------	------	------	------	4	4	3	------	------	------	2	1	2	------	------	8	232	6.9	------
24	------	------	4	3	------	1	8	------	------	------	1	1	5	1	------	------	------	177	6.6	------
25	------	1	1	3	2	------	8	2	------	------	1	------	4	------	------	------	2	209	6.6	------
26	------	------	5	------	9	------	8	2	------	------	------	------	------	------	------	------	------	268.5	6.6	------
27	1	------	2	1	2	4	5	------	------	------	------	------	2	2	------	------	5	217	6.2	------
28	4	2	1	------	1	------	7	------	------	------	1	------	4	2	------	------	2	211.5	6.7	------
29	3	------	2	1	1	5	2	2	2	------	------	------	1	------	------	------	5	150	5.4	------
30	------	------	------	3	8	2	4	------	------	------	------	------	------	2	1	1	3	197	6	------
31	------	1	5	1	3	2	3	------	------	------	------	------	1	------	------	------	8	193.5	4.9	------
Total	29	29	61	21	55	63	133	44	9	5	11	22	48	41	11	5	157	5,823.5	175.9	15.8
Mean	0.9	0.9	2	0.7	1.8	2	4.3	1.4	0.3	**0.2**	0.4	0.7	1.5	1.3	0.4	**0.2**	**5.1**	187.9	5.7	0.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	762. 85	9. 40a.	**30**	0. 55p.	88	19. 5	**759.97**	3. 00p.	21. 8	5. 45a.	60	17
2	62. 75	9. 35a.	33. 2	3. 35p.	92	18. 1	58. 50	3. 35p.	20. 7	6. 30a.	40	12. 8
3	61. 85	8. 00a.	32. 4	2. 40p.	88	19. 3	58. 50	4. 30p.	**18.9**	5. 35a.	54	14. 7
4	61. 85	8. 45a.	30. 6	0. 15p.	90	21	58. 40	3. 30p.	22. 6	10. 50p.	61	17. 2
5	61. 45	9. 45a.	31. 9	2. 05p.	**99**	21	58. 27	3. 00p.	21. 4	6. 15a.	55	17. 3
6	61. 25	9. 30a.	32. 2	2. 05p.	96	**22.7**	58. 15	3. 05p.	21. 4	5. 20a.	63	18. 1
7	60. 34	9. 00a.	32. 2	3. 30p.	94	20. 6	57. 20	3. 40p.	21. 2	5. 50a.	**64**	17. 8
8	59. 60	9. 00a.	33. 4	3. 05p.	94	22	55. 90	3. 35p.	21. 8	5. 55a.	60. 5	18. 9
9	**58.55**	9. 25a.	34. 1	3. 35p.	94	21. 5	**55.60**	3. 30p.	21. 6	6. 05a.	54	17. 9
10	59. 85	10. 30p.	33. 6	1. 40p.	93	21. 2	57. 30	3. 45p.	21. 8	6. 30a.	54	17
11	60. 35	9. 15a.	33. 4	1. 45p.	87	19. 3	57. 10	3. 30p.	20. 6	5. 45a.	51	15. 9
12	60. 50	8. 00a.	33. 4	3. 35p.	84	20. 9	56. 55	4. 00p.	20. 1	6. 15a.	52	14. 6
13	60. 37	9. 00a.	34. 4	3. 50p.	91	22. 6	56. 45	3. 45p.	23. 2	6. 35a.	52	**19.4**
14	61. 05	11. 30p.	33. 8	3. 05p.	87	21. 2	57. 20	4. 35p.	**23.3**	6. 10a.	54	16. 9
15	60. 90	0. 05a.	33. 9	2. 10p.	85	20. 1	57. 95	3. 00p.	21. 2	6. 15a.	52	15. 9
16	60. 82	8. 00a.	34. 1	0. 50p.	**76**	17. 2	57. 61	4. 00p.	20. 7	5. 35a.	45	14. 9
17	61. 17	8. 00a.	33. 9	2. 05p.	80	18	57. 33	4. 00p.	19. 3	5. 40a.	42	13. 7
18	60. 50	8. 00a.	**35.2**	1. 55p.	89	19. 9	57. 25	3. 30p.	20. 5	6. 15a.	40. 5	15. 2
19	60. 45	9. 55a.	33. 7	1. 35p.	86	19. 1	57. 30	3. 30p.	19. 8	6. 05a.	45	14. 9
20	61. 23	8. 00a.	34	2. 05p.	79	19. 2	57. 65	3. 25p.	21. 3	6. 05a.	**30**	**10.3**
21	60. 05	8. 50a.	35	3. 20p.	83	18. 7	55. 95	4. 00p.	19	5. 55a.	38. 5	12
22	60. 45	10. 15a.	33. 6	3. 25p.	94	21. 2	56. 80	5. 10p.	21. 2	5. 55a.	53	17. 4
23	59. 80	11. 50p.	34. 1	2. 40p.	88	21. 9	56. 37	4. 00p.	21. 4	5. 55a.	49	16. 2
24	61. 60	9. 40a.	34. 1	3. 35p.	78	18. 7	58. 15	3. 45p.	19. 6	5. 20a.	48	13. 8
25	62. 30	8. 50a.	34. 4	2. 25p.	85	20. 8	58. 05	4. 05p.	22. 3	5. 20a.	52	16. 7
26	61. 80	8. 20a.	32. 4	10. 40a.	83	**17.1**	59. 30	3. 45p.	22. 1	11. 50p.	49	14. 9
27	62. 50	8. 50a.	33. 5	4. 10p.	83	19	59. 15	4. 15p.	21	3. 10a.	39	13
28	**62.99**	9. 00a.	33. 9	3. 15p.	86	18. 9	58. 90	4. 35p.	19. 6	4. 15a.	46	14. 7
29	62. 65	9. 00a.	34. 3	3. 10p.	84	19. 9	58. 85	4. 45p.	20. 6	5. 20a.	53	15
30	62. 24	9. 00a.	34	3. 45p.	85	18. 6	59. 10	4. 30p.	21. 6	5. 35a.	43	14. 9
31	61. 90	8. 15a.	32. 8	3. 35p.	86	20. 9	58. 70	3. 30p.	20. 4	5. 05a.	54. 5	15
Mean	761. 16	--------	33. 4	--------	87. 3	20	757. 73	--------	21	--------	50. 1	15. 6

DAILY GENERAL REMARKS.

1----d° 2. 05 p.
2----≡° a.
3----Somewhat gusty NE winds in the afternoon.
4----●° in the afternoon.
5----● 3. 10 p.
6----●° in the afternoon.
7----● at night.
8----Cloudy weather.
9----Do.
10----Do.
11----Somewhat gusty SE winds in the afternoon.
12----Fair weather.
13----Cloudy weather.
14----Do.
15----Gusty SEly winds in the afternoon.
16----Somewhat gusty SE winds in the afternoon.
17----As yesterday.
18----Do.
19----Do.
20----Do.
21----Do.
22----Cloudy weather.
23----Gusty SEly winds in the afternoon.
24----Fair weather.
25----Cloudy weather.
26----Somewhat gusty SEly winds in the afternoon.
27----d° in the morning.
28----Cloudy weather.
29----Overcast.
30----Cloudy weather.
31----Somewhat gusty SEly winds in the forenoon and afternoon.

OBSERVATIONS FOR APRIL, 1913.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.50	60.35	60.15	60.20	60.35	60.77	61.20	61.72	**61.78**	61.57	61.11	60.43
2	60.10	59.85	59.60	59.85	60.10	60.41	60.95	**61.48**	61.47	61.20	60.60	60
3	59.35	59.20	59.05	59.10	59.40	59.58	59.88	60.45	**60.65**	60.57	60.17	59.54
4	59.95	59.65	59.40	59.35	59.50	59.92	60.50	60.97	**61.24**	61.18	60.84	60.33
5	60.70	60.50	60.25	60.15	60.20	60.28	60.95	**61.48**	61.40	61.13	60.57	59.99
6	59.85	59.60	59.30	59.45	59.75	59.99	60.41	60.73	**60.74**	60.50	59.97	59.40
7	58.70	58.30	58.10	58.30	58.45	58.60	59.09	59.59	59.74	59.59	59.47	59.22
8	58.95	58.80	58.45	58.50	58.70	58.99	59.54	60.03	**60.37**	60.27	59.86	59.34
9	59.65	59.65	59.10	59.10	59.45	59.78	60.24	60.50	**60.68**	60.48	60.38	59.71
10	59.75	59.60	59.35	59.45	59.65	59.79	60.12	60.46	**60.62**	60.61	60.32	59.68
11	59.35	58.95	58.90	59	59.35	59.53	60.07	60.44	**60.50**	60.08	59.72	59.32
12	59.50	59.10	59.10	59.15	59.55	59.67	59.74	60.20	**60.34**	**60.34**	59.83	59.37
13	59.85	59.50	59.25	59.35	59.50	59.88	60.07	60.62	**60.67**	60.46	60.33	59.61
14	59.70	59.20	59.20	59.30	59.55	59.87	60.41	60.83	60.95	**61.06**	60.65	59.92
15	59.55	59	58.60	58.65	59.05	59.09	59.36	59.73	60.01	59.84	59.25	58.60
16	59	57.75	57.50	57.65	58.10	58.65	58.90	59.34	59.72	59.62	59.33	58.82
17	59.40	58.75	58.25	58.45	58.70	59.18	59.90	60.29	**60.52**	60.16	59.68	58.99
18	59.85	59.50	59	59.05	59.35	59.62	60.29	60.72	61.24	**61.39**	60.74	59.82
19	60.15	59.55	59.25	59.20	59.25	59.41	59.88	60.23	60.44	60.32	60.27	59.94
20	59.90	59.75	59.60	59.70	59.75	60.19	60.59	61.24	**61.34**	61.22	60.64	60.13
21	60.15	59.90	59.65	59.75	59.90	60.35	60.78	61.14	**61.22**	60.87	60.53	60.18
22	60.05	59.70	59.60	59.65	59.70	60.04	60.52	**60.67**	60.61	60.52	60.28	59.64
23	59.55	59.10	58.85	58.80	59.05	59.30	59.84	60.10	**60.22**	59.97	59.54	59.22
24	58.15	58	57.85	58	58.20	58.10	58.61	58.98	58.99	58.94	58.40	57.80
25	58.55	58.10	57.80	57.90	57.95	58.14	58.83	59.10	59.14	58.87	58.15	57.85
26	59	58.60	58.45	58.40	58.60	58.94	59.44	59.67	**59.92**	59.63	59.35	58.84
27	58.95	58.55	58.55	58.55	58.70	58.99	59.57	**59.90**	59.73	59.52	59.30	59.05
28	58.80	58.50	58.15	58.15	58.50	58.62	59.17	**59.65**	59.49	59.24	58.82	58.41
29	58.80	58.45	58.25	58.35	58.75	59.07	59.22	**59.35**	59.34	59.07	58.72	58.01
30	57.85	57.80	57.85	57.80	57.95	58.39	58.88	**59.09**	59.06	58.91	58.28	57.60
Mean	59.45	59.11	58.88	58.94	59.17	59.44	59.90	60.29	**60.40**	60.24	59.84	59.29

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.6	23.2	22.2	21.6	21.5	**21.4**	24.3	27.3	29.8	31.5	32.2	32.4
2	21.2	20.4	20	18.5	18.4	**18.3**	20.2	24.8	28.4	28.5	29.5	29.9
3	21.3	20.9	20.8	20	20	**19.9**	22	25.2	27.7	28.3	29	30
4	22	21.2	21	20.4	20.1	**19.9**	23	26.3	28.5	28.4	28.7	29.7
5	21.4	20.6	20	19.6	**19.3**	**19.3**	21.4	24.9	27.3	28.3	29.4	30.2
6	23	21.9	20.9	20	19.2	**19**	21.6	25.8	28.2	29.6	30.3	30.2
7	23.3	22.4	22.3	21.9	21.6	**21.5**	23.7	26.8	28.2	28.6	29.7	29.9
8	24.5	24.2	23.8	23.7	23.2	**22.8**	24.5	27	30.5	29.8	28.4	30.8
9	23.2	22.8	21.9	21.6	21.2	**21**	24	27.1	30	29.8	30.2	31.4
10	23.4	22.2	21.5	21.2	20.9	**20.8**	23.5	26.2	28.2	29.2	30.2	31.9
11	25.4	25.2	24.5	24.1	23.9	**23.7**	27.3	29	30.4	30.3	31.1	31.8
12	24.1	23.3	23.2	22.4	22.2	**22.1**	25.3	27.7	28.9	28.1	30	30.2
13	25.2	25.5	25.1	24.9	24.3	**24.2**	26.7	28.5	30	29.4	30	30.8
14	25.6	25.3	25.3	25.4	25.1	**25**	27.7	29.5	30.7	30.7	32	33
15	25.5	25.5	25.5	25.5	25.5	25.1	27.6	29	28.6	30.1	30.2	31.1
16	**25.2**	25.3	25.3	**25.2**	25.4	25.5	26	27.7	27	27.8	28.4	27.8
17	25.4	25.4	25.4	25.4	25.4	**25.3**	26.5	27.2	29.5	30.7	31.5	32.2
18	25.3	25.3	25	24.9	25.1	25.1	25.5	27.3	27.1	27.8	29	29.9
19	23.8	23.8	23.5	23	22.9	23.1	26.5	27	28.1	29.9	29.6	30.4
20	23.8	23.6	23.4	23.3	**23.1**	**23.1**	25.4	27.3	28.8	30.5	30.5	30.4
21	24	23.4	23	**22.9**	**22.9**	**22.9**	26.6	28.4	27.6	30.2	31.7	32.2
22	24.6	23.7	**23.5**	23.7	23.9	23.7	26.5	28.4	30.2	31.2	31.8	32.3
23	24.3	24	22.8	21.8	**21.6**	21.7	25.1	28.4	30.4	28.7	29.7	30
24	24.9	24.9	23.9	23	22.7	**22.5**	25.5	28.4	30.4	31.4	32.5	31.6
25	23.5	23.1	22.8	22.5	**22.4**	**22.4**	26.7	29	30	29.8	31.3	31.3
26	24.1	23.3	22.6	23.1	**22**	22.3	26.5	29.2	30.6	31.8	31.5	31.5
27	23.8	23.9	22.8	22.8	22.3	**22.2**	26.2	28.3	30.2	32.1	31.7	30.6
28	23.9	**23.4**	23.7	23.9	23.9	23.7	25.3	28.3	29.2	30.8	29.9	30.2
29	24	23	22.9	**22.8**	**22.8**	23	25.2	27.9	29.2	30.3	30.5	**32.6**
30	24.6	23.9	**23.4**	23.7	23.5	**23.4**	25.6	29	30.6	29.5	30	31.4
Mean	23.9	23.5	23.1	22.8	**22.5**	**22.5**	25.1	27.6	29.1	29.8	30.4	30.9

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.40	58.77	58.42	**58.34**	58.56	58.81	59.38	59.80	60.10	60.45	60.45	60.25	**60.12**
59.01	58.29	57.70	**57.40**	57.55	57.83	58.23	58.55	59.10	59.45	59.65	59.65	59.50
58.72	58.09	**57.46**	57.47	57.52	57.71	58.01	58.70	59.45	60.15	60.35	60.25	59.20
59.53	58.75	**57.93**	57.97	58.02	58.42	59.04	59.75	60.40	60.65	61	60.90	59.80
59.14	58.32	57.81	**57.56**	57.65	58.12	58.47	59	59.65	60.40	60.40	60.20	59.76
58.46	57.64	57.17	**56.84**	57.07	57.41	57.95	58.45	58.90	59	59	58.95	59.02
58.42	57.56	57.01	**56.86**	57.10	57.75	58.29	58.85	59.55	**59.75**	59.60	59.20	58.63
58.69	57.82	57.35	**57.15**	57.29	57.67	58.54	59.15	59.55	59.90	60.05	60.10	58.96
58.90	57.94	57.40	**57.25**	57.65	58.28	59.01	59.70	60.10	60.25	60.20	60	59.39
58.76	57.71	57.20	**56.95**	57.10	57.61	58.21	58.75	59.15	59.60	59.65	59.50	59.15
58.45	57.61	57.23	**57.11**	57.30	57.83	58.27	58.70	59	59.75	60	59.75	59.01
58.56	57.95	57.90	**57.55**	57.66	58.40	58.51	59.10	59.90	59.45	60.30	59.95	59.21
58.34	57.74	**57.30**	57.52	57.77	58.60	58.85	59.60	59.75	60.20	60.05	59.70	59.35
58.74	57.94	**57.59**	57.83	57.98	58.90	59	59.45	60.05	59.95	60	59.80	59.49
57.79	57.17	57.16	**57.07**	57.45	58.21	58.63	59.20	59.60	**60.15**	59.85	59.55	58.86
58.12	57.26	**57.05**	57.15	57.26	57.67	58.50	58.90	59.45	59.80	**59.95**	59.65	58.55
58.09	57.45	57.62	57.65	**57.40**	57.66	58.80	59.40	60.10	60.35	60.20	60.05	59.04
58.77	**58.07**	58.17	58.36	59.13	59.72	59.65	60	60.50	60.95	61.05	60.55	59.81
58.84	**57.97**	58.29	58.92	59.27	60.01	60.42	60.65	60.30	60.40	**60.70**	60.25	59.75
59.41	58.41	58.01	**57.86**	58.07	58.88	59.55	59.95	60.40	60.50	60.55	60.35	59.83
59.27	58.34	57.85	**57.55**	57.65	58.35	59.06	59.75	60.25	60.55	60.55	60.40	59.75
58.86	58.26	57.86	**57.66**	57.74	58.29	58.95	59.20	59.55	59.85	59.90	59.55	59.44
58.15	57.44	57.22	**57.02**	57.12	57.52	58.07	58.20	58.55	58.85	58.85	58.55	58.71
57.25	56.86	56.74	**56.69**	56.89	57.27	57.70	58.15	58.75	**59.25**	59.10	58.75	58.06
57.10	57.10	**56.62**	56.72	56.85	57.32	58.15	58.45	59.05	**59.45**	59.30	59.05	58.15
58.29	57.36	57.29	**57.04**	57.35	57.76	58.55	58.95	59.50	59.65	59.55	59.25	58.72
58.36	57.99	**57.65**	57.77	57.77	58.15	58.75	59.20	59.40	59.60	59.35	59.05	58.85
57.51	57.06	57	**56.85**	57.20	57.76	58.25	58.65	59.05	59.20	59.35	59.05	58.43
57.50	56.57	**56.32**	**56.32**	56.54	56.96	57.59	57.95	58.25	58.55	58.45	58.35	58.11
56.91	56.27	55.79	**55.35**	55.45	55.68	56.37	56.90	57.55	57.95	58	57.65	**57.47**
58.44	57.72	57.40	**57.33**	57.51	58.02	58.56	59.04	59.50	59.80	59.85	59.61	59.07

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
32.9	32.6	**33**	32.5	31.3	28.7	26.7	25.5	24.7	23.8	23.3	22.1	27
30.5	32	31.4	**32.5**	31.4	28.2	26.6	25.8	25.2	24.4	23.4	21.7	25.5
30.2	31.4	**31.9**	31.4	30	28.3	27.4	25.9	25.3	25.1	24	22.9	25.8
31.4	31.8	32.3	**32.4**	31	28.7	26.8	25.9	24.9	24.2	24.2	23.2	26.1
30.8	31.5	**31.9**	30.8	29.8	28	26.8	26.1	25.9	25.3	25.1	24.3	25.8
30.7	30.6	31.9	**32.5**	30.4	28.9	27.1	26.6	25.6	25.2	25.3	24.5	26.2
31.7	33.3	33.3	**33.5**	31.9	29.5	28.1	27.3	26.8	26.2	25.8	25.2	27.2
31.7	32.5	**34.5**	33.7	31.6	29.3	27.9	26.9	26.2	25.7	25.2	24.6	27.6
30.9	**32.8**	**32.8**	31.9	30.3	28.6	27	26.7	25.6	25.2	24.8	24.2	26.9
33.6	**34.6**	33.9	33.6	31.7	29.3	28.2	27.4	26.9	26.4	26.1	25.9	27.4
32.7	33	**33.6**	**33.6**	31.2	29.9	29	28	27.1	27.1	26.3	25.2	**28.5**
31.6	30.3	31	29.4	31.3	28.6	27.3	26.9	26.3	25.8	25.5	25.3	27
33.4	31.7	31.2	28.7	28.2	27.9	27.4	27.3	27.1	27	26.5	26.2	27.8
33.9	**34.2**	33.8	32.2	29.9	25.4	26	26.3	26.1	25.9	26	25.6	28.4
31.9	31	29.7	27.8	26.5	25.9	25	**24.6**	24.9	25.6	25.3	25.3	27.2
28.5	**29.1**	28.9	**29.1**	28.5	28	27.7	27.8	27.4	26.7	26	25.5	27.1
32.9	32.6	31.5	28.7	27.1	26.5	26.2	26.4	26	25.8	25.5	25.4	27.7
30.8	30.8	**30.9**	27.9	25	24.7	24.4	24.7	24.8	24.7	24.7	**24.3**	26.5
31.4	**31.6**	24.8	**22.6**	23.6	23.4	23.8	23.5	23.4	23.5	23.6	23.5	**25.4**
30.8	31.1	32.2	**32.3**	31.3	28.5	27.6	26.4	26.2	25.7	25.4	24.6	27.3
33	**33.5**	32.8	32.6	31.8	29.3	27.3	26.6	26.3	25.9	25.6	24.8	27.7
32.8	**33.2**	33	32.7	31.2	29	27.2	27	25.9	25.7	24.9	24.9	28
32.7	32	31.7	31.1	30.1	28	26.8	26.3	26	25.2	24.6	24.4	27
33	32.4	30.8	32.1	31.6	29.4	27.6	26.7	25.9	25	24.4	23.9	27.7
30.4	29.8	**32.1**	31.8	30.8	28.3	27.2	25.9	25	24.9	24.8	24.8	27.1
32.3	**33.4**	33	32.2	31.7	29	27.5	26.6	25.8	25.1	24.3	24.4	27.7
31.7	**32.3**	30.6	29.6	30.8	28.8	27.4	27	26.1	25.2	24.9	24.2	27.3
32.3	**32.7**	32.3	31.9	31.7	29.3	27.9	27.1	26.2	25.8	25.7	24.9	27.7
31.6	**32.6**	31.3	32.2	31.5	29.1	27.7	26.7	26	26.1	25.6	25.3	27.5
32.2	32.7	**32.9**	32.7	31.6	29.5	28.2	27.4	26.5	26.1	26	25.9	27.9
31.8	**32.1**	31.8	31.2	30.2	28.2	27.1	26.4	25.9	25.5	25.1	24.6	27.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	83	**85**	**85**	**85**	83	78	63	53	49	48	48
2	**80**	77	73	79	79	78.5	75	69	51	56	58	57
3	78	**82**	74	77	78.5	72	74	65	66	60	62	54
4	78	**79**	74	75	73	75	73	59	56	58	54	49
5	77	75.5	**78.5**	76	76	73	74	65	58	54	52.5	52
6	79	79	**80**	78	**80**	79	76	62	56	53	50	47
7	80	80	79	79	79.5	79	76	70	67	65	59	58
8	86	86	87	85	87	**88**	83	74	62	67	73	63.5
9	82	79	82	80	81	**83**	73	59	57	60	60.5	55
10	76	**79**	78	77.5	77	78	75	67	62	60	56	54
11	71	70	71	74	73	73	70	62	56	61	57	55
12	79	81	80	**82**	81	81	74	63	63	63	59	59
13	80	78	79	80	80	82	80	69	67	69	64	60
14	83	83.5	83.5	83	82	83	77	68	69	63	55	55
15	86	87	87	88	84	88	83	71	75	71	71	68
16	95	**96**	95	95	93	92	90	83	86	82	80	84
17	88	90	88	90	89	89	86	83	69	65	63	60
18	**95**	**95**	**95**	92	92	94	88	81	82	81	76	73
19	91	90	89	90	89.5	88	86	80	76	71	70.5	72
20	**97**	96	95	92	91	90	84	78	70	66.5	70	66
21	85	86	**87**	86	86	85	78	70	72	65.5	58	57
22	76	77	**78**	77	77	77	74	72	63	61	62	59
23	66	68	75	79	79	**80**	79	64	62	66	60	59
24	69	69	73	75	78	78	74.5	69	55	53	59	61
25	80	81	83	**85**	83	82	74	64	61	65	58	57
26	75	80	**81**	78	**81**	80	71	61	51	**49**	51	54
27	82	79	82	81	**84**	**84**	73	68	56	52	**49.5**	60
28	80	80	79	81	81	**82**	81	70	64	62	63	59
29	81	83.5	84	84	**85**	82	76.5	71	67	61	60	56.5
30	86	86	**88**	86	87	85	**82**	62	60	67	65	60
Mean	81.5	81.8	82.1	82.3	**82.4**	82.1	77.9	68.7	63.7	62.5	60.8	59.1

VAPOR PRESSURE (^{mm}).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**18**	17.5	16.9	16.2	16.1	15.7	17.7	17.1	16.5	16.8	17.1	17.4
2	15	13.7	12.8	12.4	12.4	**12.3**	13.2	16.2	14.7	16.2	17.8	17.9
3	14.8	15	13.5	13.4	13.7	**12.5**	14.5	15.4	18.2	17	**18.5**	17.1
4	15.3	14.8	13.7	13.4	**12.8**	13	15.2	15.1	16.2	**16.8**	16	15.3
5	14.6	13.6	13.7	12.8	12.7	**12.1**	14.1	15.2	15.7	15.4	16	16.6
6	16.6	15.4	14.7	13.5	13.2	**12.9**	14.6	15.4	15.8	16.2	16	15.1
7	16.9	16.1	15.8	15.4	15.2	**15.1**	16.5	18.3	19	19	18.3	18.2
8	19.6	19.2	19.1	18.4	18.4	18.1	19	19.6	20.2	20.7	**21**	20.9
9	17.3	16.4	16.1	15.4	**15.2**	15.5	16.1	15.8	18.1	18.6	**19.3**	18.8
10	16.3	15.7	14.8	14.5	**14.2**	14.3	16.1	17.1	17.7	18.2	18	**18.9**
11	17.2	16.6	16.3	16.4	**16**	**16**	18.8	18.5	18	19.6	19.1	19.1
12	17.7	17.2	17	16.6	**16**	16.1	17.6	17.4	18.8	17.9	18.5	18.9
13	19	19	18.6	18.8	**18**	18.5	20.7	20	21	21	20.1	20
14	20.2	20	20	19.9	19.4	19.4	21.2	20.8	**22.5**	20.8	19.6	20.4
15	20.9	21	21	21.3	**20.5**	20.7	22.8	21.2	21.7	22.4	22.8	22.8
16	22.6	23	22.7	22.6	22.3	22.2	22.5	22.9	22.7	22.6	23.1	**23.5**
17	**21.1**	21.7	21.3	21.7	21.5	21.4	22.2	22.2	21.2	21.2	21.7	21.6
18	22.7	22.7	22.4	21.6	21.9	22.3	21.4	21.7	21.8	22.4	22.7	23
19	20	19.7	19.1	18.8	18.6	18.4	22	21.1	21.4	22.2	21.7	**23.3**
20	21.2	20.7	20.3	19.6	19.1	**19**	20.3	21.1	20.6	21.5	**22.6**	21.2
21	18.8	18.4	18.1	17.8	17.8	**17.7**	20.2	20	19.7	20.9	20.2	20.5
22	17.5	16.8	16.8	16.8	17.1	16.8	19.1	20.7	20.1	20.7	**21.6**	21.1
23	**14.9**	15.1	15.5	15.3	15.1	15.4	18.6	18.5	**20**	19.3	18.7	18.5
24	16.1	16.1	16	**15.7**	15.9	15.9	18	19.9	17.9	18.2	**21.5**	21.1
25	17.3	17	17.2	17.2	16.8	**16.6**	19.2	19.1	19.3	**20.2**	19.7	19.4
26	16.8	16.9	16.5	16.3	**16**	**16**	18.4	18.4	16.6	17.1	17.6	18.5
27	18	17.4	16.9	**16.7**	16.8	**16.7**	18.5	19.3	17.8	18.4	17.2	19.5
28	17.6	**17.2**	**17.2**	17.9	17.8	17.9	19.5	20.1	19.1	**20.5**	19.7	18.8
29	18.1	17.4	17.5	17.4	17.6	**17.1**	18.2	19.9	20.2	19.6	19.4	**20.6**
30	19.7	19	18.8	18.8	18.7	18.1	20	18.3	19.5	20.5	20.5	20.6
Mean	18.1	17.7	17.3	17.1	16.9	**16.8**	18.5	18.9	19.1	19.4	19.5	**19.6**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
46.5	**43.5**	44	44	44	48	58	65	70	74	78	81	64.1
54	52	51	41	**40**	53	66	67	64	71	69	77	64.1
54.5	52	50	**48**	51	57	61	65	66	65	69	74	64.8
49	47	41	**40**	46	54	58	58	66	69	72	**79**	**61.8**
52	49	**39**	**39**	41.5	50	56	62	66	70	71	75	**61.8**
46	47	47.5	47	53	59	65	65	71	72	76	77	64.4
56	50	48	**44**	48.5	57	66	66	71.5	76	78	**83**	67.3
57	54	**46**	47	54	63	66	69.5	71	74	73.5	77	70.6
55	**42**	**42**	47	53	59	66	69	74	70	72	72	65.5
45	**43**	45	45.5	49	57	60	62	66	70	71	69	63.4
54	52.5	50	**45.5**	53	59	61	63	70	71	73	**78**	63.5
56	63	61	64	58	64	72	74	76	78	77.5	79	70.3
56	58	65	71	80	**84**	79	73	75	77	81	82	73.7
50.5	52	**49**	61	64	80	83	82	82	83	85	**86**	72.6
65	68	72.5	84	88	91	89	92	93	93	95	**96**	82.7
78	78	75	**74**	77	81	82	82	83	86	89	88	85.2
58.5	63	68	78	81	82.5	85	87	89	93	**95**	94	80.6
71	69	**64**	75	90	86	88	93	92	92	90	92	85.2
64	**63**	79	89	92	94	95	98	**99**	98	97	97	**85.8**
65	64	60	**57**	60	72	74	78	79	81	81	84	77.1
56	**52**	**52**	**52**	56	59	70	72	73	74	76	77	70.2
52	50	49	**48**	54	62	65	62	68	69	69.5	67	65.4
50.5	**50**	54	56	54	65	69	70	71	73	73	71	66.4
50	52	56	49	**47**	52.5	62	67	71	75	77	**79**	64.6
58	58	**53**	**53**	55	63	65	72	75	74	73	72	68.5
51	49	49	50.5	52	59.5	68	71	75	76	**81**	**81**	65.6
56	52	55	64	57	62	67	70	70	76	75	78	68
53	**50**	51	51	51	59	63	67	70	72	75	79	67.6
53.5	51	54	57	**50.5**	61	67	70	73	75	78	81	69.3
55	57	54	**50**	53	65	72	70	76	76	76	71	70.4
55.6	54.4	**54.1**	55.7	58.4	65.3	69.9	72	74.8	76.8	78.2	79.9	70

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.2	15.9	16.6	15.9	14.8	**14.1**	15	15.7	16.2	16.3	16.6	16.1	16.4
17.6	**18.4**	17.4	15	13.5	15.1	17	16.4	15.2	16.1	14.8	14.9	15.2
17.4	17.6	17.7	16.5	16.2	16.3	16.5	16.2	15.7	15.3	15.3	15.3	15.8
16.8	16.4	14.8	14.3	15.4	15.7	15.3	14.5	15.4	15.5	16.2	16.6	15.2
17.2	16.9	13.6	12.8	12.9	14	14.8	15.7	16.4	16.7	16.8	17	**14.9**
15.2	15.3	16.7	16.9	17.1	17.4	17.4	16.8	17.2	17.1	**18.2**	17.6	15.9
19.6	19.2	18.4	16.9	17.1	17.4	18.7	17.9	18.7	19.3	19.3	**19.7**	17.8
19.8	19.7	18.6	18.2	18.7	19.1	18.4	18.3	18	18.1	**17.5**	17.7	19
18.3	15.6	15.6	16.5	17.1	17.2	17.5	17.9	18	16.8	16.7	16.2	16.9
17.4	17.6	17.8	17.6	17	17.4	17.1	16.9	17.4	18	17.9	17.3	16.9
19.8	19.6	19.2	17.6	17.9	18.5	18.1	17.8	18.5	18.9	18.5	18.6	18.1
19.2	**20.3**	20.2	19.4	19.7	18.6	19.4	19.4	19.4	19.3	18.8	18.9	18.4
21.4	20.2	21.9	20.6	22.8	**23.4**	21.4	19.8	20.1	20.3	20.8	20.8	20.3
19.8	20.7	**19.1**	21.7	20.1	19.4	20.7	20.9	20.5	20.6	21.1	21	20.4
23	22.7	22.4	**23.2**	22.6	22.6	21	21.2	21.8	22.8	22.7	23	22
22.6	23.2	22.1	22	22.2	22.7	22.7	22.6	22.5	22.3	22.3	**21.3**	**22.6**
21.7	23	**23.3**	22.9	21.6	21.2	21.4	22.3	22.3	23.1	23	22.7	22
23.4	22.9	21.1	21	21.2	**19.8**	20	21.5	21.5	21.4	20.8	20.9	21.8
21.8	21.7	18.3	**18.2**	19.9	20.1	20.8	21.1	21.2	21.1	20.9	20.7	20.5
21.3	21.6	21.3	20.7	20.2	20.8	20.4	19.9	19.8	19.8	19.6	19.3	20.5
20.8	19.9	19.1	19	19.5	17.8	18.8	18.7	18.5	18.4	18.5	17.9	19
19.3	18.9	18.4	17.8	18.1	18.5	17.4	16.4	16.9	17	16.3	**15.8**	18.2
18.5	17.8	18.6	18.8	17.3	18.3	18	17.9	17.7	17.3	16.8	16.2	17.4
18.8	19	18.5	17.6	16.3	16	16.9	17.3	17.6	17.6	17.5	17.4	17.6
18.8	18.2	18.9	18.5	18.2	18	17.6	18	17.6	17.3	17	16.9	18.1
18.2	**18.8**	18.2	18.1	18	17.7	18.5	18.5	18.4	17.9	18.2	18.3	17.7
19.4	18.6	18.1	**19.7**	18.8	18.2	18.2	18.4	17.7	18.1	17.5	17.4	18.1
19	18.4	18.4	17.9	17.6	17.8	17.7	17.8	17.8	17.7	18.5	18.4	18.3
18.4	18.6	18.5	20.5	17.3	18.3	18.4	18.2	18.3	18.8	19.1	19.5	18.6
19.9	**20.8**	20	18.4	18.3	20	20.4	19.1	19.5	19.1	19	**17.6**	19.4
19.4	19.2	18.8	18.5	18.2	18.4	18.5	18.4	18.5	18.6	18.5	18.4	18.4

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		Ci.									
2	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
3	Ci., Ci.-S.		Ci., Ci-S.		Ci.		Ci.		Ci.		Ci.-S.	
4	Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.	
5	Ci., Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.-S.	
6	Ci.		Ci.-S.	NE	Ci.-S.	NE	Ci.-S.		Ci.-S.		Ci.-S.	
7	Ci.		Ci.		Ci.							
8	A.-Cu.		A.-Cu.									
9	Ci.		Ci.									
10	Ci.											
11												
12									A.-Cu.			
13	Ci.		Ci.		Ci.		Ci.					
14	Ci.		Ci.									
15	Ci.-S.										Ci.-S.	
16					Ci.				Ci.-S.			
17							Ci.-S.		Ci.-S.		Ci.-S.	
18	Ci.-S.		Ci.-S.		Ci.				A.-Cu.		A.-Cu.	
19	Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.		Ci.	
20	Ci.	W	Ci.		Ci.		Ci.		Ci.			
21					Ci.-S.							
22	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
23	Ci.											
24					Ci.		Ci.		Ci.			
25												
26												
27	Ci.		Ci.		Ci.-S.	SW	Ci.-S.		Ci.-S.		Ci.-S.	
28					Ci.							
29												
30	A.-Cu.											

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.		Fr.-Cu.	E	Fr.-Cu.		Cu.	
2	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
3	Cu.		Cu.		Cu.	ENE	Cu.		Cu.		Cu.	E
4	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	E
5	Cu.		Cu.		Cu.	E	Cu.		Cu.	E	Cu.	
6	S.-Cu.		S.-Cu.		S.-Cu.		Cu.		Fr.-Cu.		Cu.	
7	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Fr.-Cu.	E
8	Cu.	E	Cu.		Fr.-Cu.	E	Cu.	E	Cu.	E	Cu.	
9	Cu.		Cu.		Cu.		Fr.-Cu.	E	Cu.	E	Cu.	
10	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
11	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Fr.-Cu.	
12	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.-N.	E
13	Cu.		Cu.		Cu.	EbyS	Cu.	SE	Cu.	SE	Cu.	E
14	Cu.		Cu.		Cu.	SE	Cu.	SE	Cu.		Cu.	ESE
15	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
16	Cu.		Cu.		Cu.	E	N.	E	Cu.-N.	E	Cu.	E
17	N.-cf.	E	N.-cf.	E	N.-cf.	E	Cu.		Cu.	E	Cu.	
18	Cu.		Cu.	ESE	S.-Cu.	ESE	S.-Cu.	E	Cu.	E	Cu.	
19	Cu.		Cu.	E	Cu.	E	Cu.	E	N.-cf.	E	Cu.-N.	
20	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
21	Cu.		Cu.		Cu.	E	N.-cf.	E	Fr.-Cu.	E	Fr.-Cu.	
22	Cu.		Cu		Cu.		Cu.	E	Cu.	E	Cu.	E
23	Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	E	Cu.	E
24	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
25	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	N.-cf.	E
26	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
27	S.-Cu.		Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	
28	S.-Cu.	E	Cu.		Cu.		Cu.		Cu.	E	Cu.-N.	E
29	Cu.		Cu.	E	Cu.		Fr.-Cu.	E	Fr.-Cu.	E	Cu.	
30	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.		Ci.-S.		Ci.-S.				Ci.-S.	
Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.								Ci.-S.	
		Ci.								Ci.	
A.-Cu.										A.-Cu.	
										Ci.-S.	
		Ci.		A.-Cu.							
		Ci.-S.		Ci.-S.							
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.				Ci.-S.	
Ci.		Ci.-S.									
Ci.-S.											
										Ci.-S.	
		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.								A.-Cu.		A.-Cu.	
		Ci.						Ci.		A.-Cu.	
				Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.						Ci.		Ci.		Ci.	
						Ci.-Cu.		A.-Cu.		A.-Cu.	
		Ci.								Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Fr.-Cu.	E	Fr.-Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.		Cu.	E	Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	EbyS	Cu.	EbyS	Cu.		Cu.		Cu.		Cu.	
Fr.-Cu.		Cu.-N.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.		Fr.-Cu.	E	Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Fr.-Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.-N.	
Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.		Fr.-Cu.		Cu.	
Cu.	E	Cu.-N.	E	Cu.	E	Cu.-N.		Cu.-N.		Cu.	
Cu.		Cu.		Cu.	ESE	Cu.-N.		Cu.-N.	SSE	Cu.-N., N.	
Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	
Cu.		Cu.		Cu.-N.	E	Cu.-N.	SSE	N.	ESE	N.	
Cu.		Cu.-N.	E	N.	E	Fr.-N.		N.		Fr.-N.	
Cu.-N.		Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.		Cu.	
Fr.-Cu.	E	Cu.-N.		Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Fr.-Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.	E	Cu.	
Cu.	E	Fr.-Cu.	E	N.-cf.	E	Fr.-Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.	E	Fr.-Cu.	E	Cu.	E	Cu.	E	N.-cf.	E	Cu.	
Cu.-N.	E	N.-cf.	E	Cu.-N.	E	Cu.-N.	E	Cu.		Cu.	
Cu.	E	Cu.	E	N.-cf.	E	Cu.		Cu.	E	Cu.	E
N.-cf.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NNE	1	NEbyN	0.5	NEbyE	0.5	EbyS	0.5	ENE	0.5	NE	1.5
2	NNE	1.5	NNE	1	NNE	.5	ENE	1	NE	1	Calm	--------
3	NE	1	NEbyE	1	ENE	1	NEbyE	.5	ENE	1	Calm	--------
4	NE	1.5	NE	.5	ENE	1.5	ENE	1	ENE	1.5	NE	1.5
5	ENE	1.5	ENE	1	EbyS	1	Calm	--------	E	1	NE	2
6	E	1.5	ENE	1.5	ENE	1	ENE	1.5	NE	.5	Calm	--------
7	NE	1	NE	1	ENE	.5	Calm	--------	Calm	--------	Calm	--------
8	SE	1	SEbyE	1	SEbyE	1	NE	.5	Calm	--------	NE	1
9	Calm	--------	E	.5	E	.5	E	1	Calm	--------	ENE	1
10	SE	1	SE	.5	NE	.5	NE	.5	NEbyE	.5	Calm	--------
11	Calm	--------	Calm	--------	Calm	--------	E	1	Calm	--------	Calm	--------
12	Calm	--------	Calm	--------	N	.5	Calm	--------	N	.5	Calm	--------
13	Calm	--------	Calm	--------	Calm	--------	N	.5	Calm	--------	Calm	--------
14	E	1	ENE	.5	ENE	.5	ENE	.5	Calm	--------	Calm	--------
15	ENE	1	Calm	--------	Calm	--------	ENE	1	NE	.5	Calm	--------
16	Calm	--------	Calm	--------	Calm	--------	NNE	.5	NNE	1	NNE	2
17	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1	N	2.5
19	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
20	NNE	1.5	NNE	1.5	NE	1.5	NE	1.5	NE	1.5	NNE	2.5
21	SE	.5	Calm	--------	Calm	--------	Calm	--------	ENE	.5	Calm	--------
22	SE	1	Calm	--------	Calm	--------	ESE	1	NE	1	NE	1.5
23	SE	1.5	NE	1	ENE	1	NE	1	NNE	.5	NE	.5
24	E	.5	E	1	ESE	1	NE	.5	NE	.5	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
26	ENE	1	Calm	--------	Calm	--------	Calm	--------	ENE	.5	Calm	--------
27	NE	1	ENE	1.5	NE	1.5	NE	.5	Calm	--------	Calm	--------
28	Calm	--------	Calm	--------	NNE	.5	Calm	--------	NE	1	Calm	--------
29	Calm	--------	Calm	--------	E	1	N	1.5	NbyE	1	NNE	2
30	SE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	1
Mean	------------	0.7	------------	0.5	------------	0.5	------------	0.5	------------	0.5	------------	0.6

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ESE	6.5	ESE	9.5	SE	8	SE	8.5	SE	7.5	SE	4.5
2	WbyN	6	WSW	3	WSW	1	SE	3.5	SE	2.5	SE	2
3	WNW	2.5	WNW	6	WbyS	4.5	SSE	4.5	SSE	6	SEbyS	6
4	W	2	WNW	2.5	SE	7.5	SE	7	SE	5.5	SE	2
5	W	3	SSE	6	SE	4.5	SE	5.5	SEbyS	3.5	SEbyS	5
6	WNW	3.5	WNW	3.5	W	1.5	SE	3.5	SE	6.5	SE	1.5
7	WbyS	4	WSW	5	SSW	4	SSE	5	SE	3.5	SE	3.5
8	WSW	4	WSW	3	SSE	4	SE	2.5	SE	7.5	SE	4.5
9	SSW	2.5	SE	7	SE	10	SE	7.5	SE	3	ESE	1
10	SSE	1.5	SSE	4	SSE	6	SSE	6	SE	6.5	SE	3.5
11	W	5	WSW	3.5	WSW	3.5	SSW	4	SSE	1.5	ESE	4
12	WSW	2	W	2	WSW	2	SSE	1.5	SE	2.5	SE	4
13	ENE	1	NW	2	NNW	4.5	NNE	6.5	ENE	1.5	Calm	--------
14	Calm	--------	SSE	3	SSE	2	SSW	4	SSW	4	ESE	5
15	SW	2	SSW	3.5	SSW	2	SSW	2.5	SSW	1	SSW	3
16	SW	4	WSW	2.5	WSW	4	WSW	3	WSW	3.5	SW	3
17	SSE	1	WSW	2.5	SW	3.5	SbyW	2.5	SSW	2	SSW	2.5
18	W	3	WSW	4	NNE	2.5	SE	1	NNE	2	Calm	--------
19	W	2	WbyN	3	NE	7	Calm	--------	NW	1.5	NNE	2.5
20	WNW	2.5	WSW	2	SSE	3	SSE	1.5	SE	3.5	SE	2.5
21	SE	4.5	ESE	3.5	SE	5.5	SE	3.5	SE	3	SE	2.5
22	SE	3.5	SE	4.5	SSE	6	SSE	8	SEbyS	4	ESE	1
23	ESE	4	ESE	4.5	ESE	4.5	E	2	ESE	4.5	E	1.5
24	E	2.5	SE	3	EbyN	5.5	ENE	7.5	EbyN	7	E	2.5
25	SE	7	ESE	4.5	EbyN	4.5	E	2.5	ENE	5	ENE	2.5
26	E	5.5	SEbyE	5.5	SEbyE	7	E	7.5	EbyN	5	ESE	2
27	ENE	2.5	ENE	2.5	ENE	2	NNE	1.5	NNE	2	ENE	3.5
28	E	3.5	E	3	NEbyE	4.5	ENE	5	ENE	4.5	E	3
29	ENE	7	E	8	ESE	4.5	SE	7	ENE	3	ENE	2.5
30	W	2.5	W	3.5	W	1	SE	6	SEbyS	5	SEbyS	6.5
Mean	------------	3.4	------------	4	------------	4.3	------------	4.4	------------	3.9	------------	2.9

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	--------	Calm	--------	E	4	E	1.5	ESE	2	ESE	3.5
NE	1.5	Calm	--------	NNE	1	WNW	3.5	WNW	2	WNW	2
Calm	--------	Calm	--------	WSW	2	W	3.5	W	3.5	WNW	3.5
NE	1.5	Calm	--------	Calm	--------	W	4	WNW	6	WNW	4
NE	1	Calm	--------	Calm	--------	WNW	1.5	W	4.5	W	4.5
Calm	--------	Calm	--------	Calm	--------	WNW	2.5	WNW	4.5	NW	2.5
Calm	--------	Calm	--------	W	2	W	4	WNW	4	WNW	2.5
NE	1	E	1	NE	.5	W	2.5	W	4.5	WSW	3.5
NE	1.5	N	2	NNE	2	WbyS	7	WSW	4	WSW	4
Calm	--------	NE	1.5	SSW	1	WSW	3.5	WSW	2.5	SW	1.5
Calm	--------	SE	1.5	E	2	WSW	2.5	WNW	4.5	WbyN	6
Calm	--------	Calm	--------	WSW	2	WNW	2.5	WSW	3.5	WSW	1.5
Calm	--------	Calm	--------	W	2	WSW	3.5	W	3	Calm	--------
NE	1	ESE	2	ESE	3.5	SE	2	SE	3	SSE	5.5
Calm	--------	Calm	--------	Calm	--------	Calm	--------	WSW	4	WSW	3
Calm	--------	Calm	--------	Calm	--------	SSW	1.5	SSW	1	WSW	3
Calm	--------	Calm	--------	Calm	--------	SE	2.5	SSE	2.5	SSE	3
N	2.5	NNW	2	NW	1.5	NW	1	WbyN	3	W	4
Calm	--------	Calm	--------	N	3.5	N	2	WNW	2	WNW	2
NNE	2	N	1	NNE	.5	Calm	--------	W	2.5	NW	3
Calm	--------	Calm	--------	ESE	2	ENE	2	ENE	2	ESE	3
Calm	--------	ESE	1.5	E	2	SE	5.5	SE	3.5	SE	4
NE	1.5	Calm	--------	ENE	.5	WNW	4.5	WNW	2	ESE	3
NE	.5	E	2	E	4.5	ESE	4	ESE	4	SE	6
NE	.5	Calm	--------	Calm	--------	NNW	3.5	ESE	2	SE	4
Calm	--------	NE	1	ENE	1.5	E	2	E	4.5	ENE	2
NE	.5	NNE	2.5	NEbyN	1.5	E	1	NE	2	ENE	5
NNE	1	NNE	.5	N	1.5	Calm	--------	W	2	NE	2
NNE	.5	Calm	--------	Calm	--------	WNW	2	WbyN	4.5	W	3.5
ENE	1	Calm	--------	Calm	--------	W	3.5	WNW	2	W	5.5
--------	0.6	--------	0.6	--------	1.4	--------	2.6	--------	3.2	--------	3.4

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SEbyE	2.5	ESE	2.5	SEbyE	2.5	SE	2	SE	2	SEbyE	1.5	3
SE	2.5	SE	2.5	SE	2.5	SE	2.5	NE	2	Calm	--------	1.9
SSE	2	Calm	--------	SE	2	ESE	1.5	SE	1.5	SE	1	2.3
SE	1	SE	3	SE	3	SE	2.5	SE	3	ESE	1	2.6
SEbyS	6.5	SE	4	SE	4.5	SE	6	SE	4	ESE	1	3
SE	3	SE	3	SE	3	SSE	2.5	SSE	3	SSE	1	2.1
SE	1.5	SE	3	SE	2	SE	2	SEbyS	2	SE	1.5	2.2
SSE	4	SE	3.5	SE	3.5	SE	3	SE	2	NE	1.5	2.5
ESE	1.5	SE	2	ESE	1.5	SE	1.5	SE	1.5	SE	1	2.6
SE	2	SE	2.5	SSE	2	SSE	2	SE	1.5	Calm	--------	2.1
SE	3	SSE	2	SSE	1.5	SSE	1.5	Calm	--------	Calm	--------	2
SSE	3.5	ESE	1	SE	1	SE	1	Calm	--------	Calm	--------	1.3
SE	2.5	SE	3	SE	2.5	ESE	3	SE	2	SE	1	1.6
SSE	.5	SE	2	ESE	2.5	SE	1	Calm	--------	Calm	--------	1.8
SSW	1.5	ESE	1	Calm	--------	WNW	.5	Calm	--------	Calm	--------	1.1
Calm	--------	SW	1	SW	1	Calm	--------	Calm	--------	SSE	.5	1.3
SSW	1.5	SSW	.5	WSW	2	Calm	--------	N	1	Calm	--------	1.1
ESE	1	Calm	--------	Calm	--------	NNE	1	NNE	1	Calm	--------	1.4
NNE	1.5	NE	1	E	1	Calm	--------	Calm	--------	NE	1	1.2
ESE	1	ESE	1	SE	1	SE	1.5	SE	1.5	SE	1	1.7
ESE	1	SE	1.5	SE	1	SE	1.5	SE	1	SE	1	1.6
ESE	2	SE	2	SE	2	SE	1.5	ESE	1.5	SEbyE	1.5	2.4
ENE	1.5	E	1	E	.5	E	.5	Calm	--------	E	1	1.8
E	2	NEbyE	2	ENE	2	ESE	1	Calm	--------	Calm	--------	2.5
ENE	1.5	ENE	.5	Calm	--------	ENE	1	ENE	1	ENE	1.5	1.7
ENE	1	NE	.5	Calm	--------	Calm	--------	Calm	--------	NE	.5	2
E	2.5	ENE	2	E	1.5	E	1	E	1.5	N	.5	1.7
E	2	ESE	2	ESE	2	SE	2	SE	2	ESE	1.5	1.8
E	2	ESE	1.5	ESE	1.5	ESE	2	SE	1	SE	1.5	2.4
SSE	2	SSE	5	SSE	3	SSE	2.5	SSE	1	Calm	--------	2.1
--------	2	--------	1.9	--------	1.8	--------	1.6	--------	1.2	--------	0.7	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2.5	2.5	1.5	1	2	4.5	4.5	2	13.5	13.5	14	14
2	5	3.5	3	3	4	4	5	2.5	2.5	6	**19**	16
3	2.5	3	2.5	1.5	3	4.5	1	.5	3	10	18	15.5
4	3.5	3	4	4	4.5	6	4	2.5	4.5	8	18	19
5	5	4	2.5	2.5	2.5	5.5	2	1	2	8	16	16
6	4.5	5	5.5	2	2	2.5	3	2	2	4.5	12.5	13
7	3.5	3	2.5	2	2	1	.5	.5	4.5	11	**23**	12
8	4.5	3.5	4	3.5	1	2	3	5	5.5	9.5	16	15
9	1.5	1.5	1.5	3	3.5	1.5	3	4.5	4	10.5	20	15
10	4	2	3	1.5	1.5	2	0	1	3.5	8.5	16	12
11	1	1.5	1	2.5	1.5	2	2	3	7	4.5	**21**	18
12	.5	.5	2.5	1.5	1	1.5	.5	2.5	3.5	10	**16**	11
13	1	1	0	2	1.5	3	4.5	3.5	3.5	9	14	7
14	4	5	2	2.5	1.5	1	4	8	12	11	**17**	16
15	3	3	.5	2	4	1.5	1	1	5	5	12	14
16	1	0	1	4	4	5.5	6.5	1	1	4	9	12
17	3.5	2	1.5	1.5	2.5	.5	1.5	2	4	8	9	11
18	3	4	1	0	2	10	11	5.5	6.5	8	9.5	12
19	4	4	3	0	2.5	.5	.5	5.5	6	5	14.5	11.5
20	5.5	7	6.5	6.5	5	5.5	5	6.5	2.5	3.5	9	13
21	3	1.5	.5	.5	2	2.5	.5	1.5	4	10	14	17
22	6.5	3	3	3.5	5.5	4	1.5	6	10.5	12	24	19
23	8.5	6.5	3.5	4.5	2.5	4.5	2.5	3.5	5	7.5	14	10
24	8	5	5	10	3.5	3.5	1	6	15	14	20	23
25	.5	1	0	0	.5	0	1.5	2	2	4	14.5	11.5
26	7	6	1	4	1.5	.5	1	5	17	14	17	20
27	3	7	10	8	2	1.5	2	5.5	6	11	13	10
28	2	2	4	4	2	3	2	4	4	7.5	16	16
29	4.5	2	2	4.5	4	7	4.5	3	5.5	10	**21**	13
30	5	2.5	1.5	1	.5	2.5	1.5	2	3	11	16	**16.5**
Mean	3.7	3.2	2.6	2.9	**2.5**	3.1	2.7	3.3	5.6	8.6	**15.8**	14.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	2	2	1	2	1	2	2	2	1	1	1	**1.6**	9	50
2	5	4	5	7	7	6	8	8	7	8	4	2	5.9	8	30
3	6	6	5	5	4	5	6	5	4	4	4	5	4.9	7	00
4	4	6	6	6	7	7	7	5	4	2	2	2	4.8	8	25
5	8	8	3	3	5	6	6	6	7	8	8	9	6.4	5	25
6	8	7	7	7	7	6	8	9	9	9	9	8	7.8	6	25
7	3	4	3	3	4	4	4	4	4	3	3	5	3.7	9	45
8	4	5	6	4	3	3	3	3	2	2	2	1	3.2	8	40
9	1	1	2	3	5	5	5	3	2	2	2	3	2.8	9	50
10	1	1	1	2	1	3	2	3	3	2	2	3	2	9	45
11	2	4	3	4	3	2	2	1	2	2	2	9	3	9	20
12	2	2	1	2	3	10	8	9	9	8	8	7	5.8	5	15
13	3	6	8	9	10	9	5	10	8	10	8	8	7.8	5	00
14	5	5	6	4	3	4	3	4	7	10	10	10	5.9	8	50
15	6	8	6	5	6	4	6	9	10	10	10	10	7.5	5	05
16	4	3	6	6	7	7	9	9	10	10	10	9	7.5	**2**	**05**
17	10	10	10	9	9	9	8	9	9	10	10	10	**9.4**	5	05
18	10	10	9	9	9	7	6	5	8	10	10	10	8.6	4	25
19	2	5	6	5	8	10	8	10	10	10	10	10	7.8	5	55
20	5	5	6	6	6	6	6	7	8	7	6	3	5.9	**10**	**50**
21	2	2	4	6	5	6	6	4	4	4	3	5	4.2	9	50
22	4	6	5	5	4	5	4	2	2	2	3	2	3.7	10	15
23	2	2	2	6	6	3	4	7	9	7	5	4	4.8	8	30
24	2	2	4	5	6	7	4	5	6	2	2	1	3.8	10	30
25	2	2	4	6	6	8	9	9	8	6	5	4	5.8	8	10
26	1	2	2	3	6	8	8	6	5	6	8	8	5.2	10	10
27	2	4	6	7	9	9	9	9	10	10	4	7	7.2	5	55
28	5	3	3	6	7	9	7	7	7	4	4	4	5.5	9	10
29	1	3	3	4	5	6	6	5	4	5	3	3	4	10	15
30	5	2	1	3	2	3	2	2	3	3	2	2	2.5	10	15
Total														238	25
Mean	**3.9**	4.3	4.5	5	5.5	5.9	5.7	5.9	**6.1**	5.9	5.3	5.5	5.3	7	57

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
24	**29**	26	27	21	15.5	13.5	10	10	8	8	4.5	**11.3**
12	14	7.5	9.5	13	10	10	12	13	14	9	.5	8.2
18.5	17	11	9.5	15.5	**20**	11	4.5	4.5	8	7	4	8.1
15	13	**20**	**20**	**20**	15	11	14	10	8.5	11.5	5	10.2
11.5	9.5	12	14	11	12	12.5	13.5	16.5	15.5	**17.5**	10	9.3
16	**16.5**	10	7.5	14	12	12	9	8	9	8	9.5	7.9
10	7	11	18	17	16	14	13	11	8.5	6.5	6.5	8.5
15	15	12.5	15	**19.5**	18	14	13	12	10	8.5	4	9.5
13	21	**29**	27	24	15	5	9	7	5	7	4	9.8
9	12	16	**19**	18	15	12	9.5	8.5	9	4.5	4.5	8
13	13	11	11	12	17	16	14	8	4.5	3	.5	7.8
8	9	7	7	12.5	13.5	7	6	3.5	3	3.5	1	**5.5**
7.5	10.5	**17**	**17**	15	4.5	7.5	14	16.5	13.5	7	7	7.8
13	13	12	14	15.5	13.5	2.5	7.5	5.5	5.5	1.5	2.5	7.9
13	11	12	10	11	7	**18**	7.5	2.5	4	3	2	6.4
14	9	**15**	13	**15**	8	11.5	5.5	7	3	2	5	6.5
11	9	**14**	13	7.5	6	3.5	1.5	8.5	7	2	4	5.6
13.5	10	8	7	**15**	5	2.5	1.5	0	6.5	5	3.5	6.2
13.5	13	**21**	17.5	5.5	11	12	4	4	2	1	1.5	6.8
15.5	9.5	6	**18**	15	11	7	4.5	7.5	9	9	5	8
14.5	16.5	**21**	18	15	10	8.5	6.5	8	7	9	4.5	8.1
20	17	**25**	20	19	9	8	11	11	11	8	8.5	11.1
18	18	16	**20**	18	12	9	6	6	2	2	3	8.4
26	20	17	19	18	14	8	8	8	4	1	2.5	10.8
23	17	18	12	19	14	10	6.5	2	7.5	6	8	7.5
20	17	**24**	16	16	14	7	8	3	2	0	4	9.4
16.5	13.5	13	16	13	12.5	11	10	7.5	7.5	7.5	5	8.8
7	7	14	16	**18**	16.5	11	10.5	9	10	10	8	8.5
16	18	16	19	17	13	12.5	8.5	7	11	11	9.5	10
11.5	14	10.5	12.5	14	14	13	13	11	9	6.5	2.5	8.1
14.6	14	15.1	15.4	15.5	12.5	10	8.7	7.9	7.5	6.2	4.7	8.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	2	2	2	6	9										2	272	8.3	
2		4	3	1			7					2		4			3	198	7.1	
3			1	4		1	3	4				1	3	3			4	195.5	6.3	
4			4	3		1	9						2	3			2	244	7.4	
5			2	2	1	2	6	4					3	1			3	222.5	7.5	
6			1	3	1		6	3					1	4	1		4	190	6.9	
7			2	1			7	2		1		1	3	2			5	204	7.4	
8			5		1		10	2				3	2				1	229	6.5	
9	1	1	1	1	3	3	8			1		2	1				2	235.5	7.2	
10			3	1			7	6		1	1	2					3	192	7.4	
11					2	1	2	4		1		3	1	2			8	188	6.9	
12	2					1	4	2				5	1	1			8	132	4.8	
13	1	1		2		1	5					1	2		1	1	9	187	4.9	
14			1	3	1	4	4	4		2							5	190	4.8	48.3
15			1	2		1				6	1	2		1			10	153	2.5	13.5
16		3						1		2	4	5					9	157	2.4	5.4
17	1						1	3		5	1	2					11	134	3.7	
18	2	5				1	1					1	2	1	2	1	8	150	2.7	17.2
19	2	2	3		1								1	3	1		11	163	2	46
20	1	5	3			2	6	2				1	1	1	1		1	192.5	4.5	
21				3		4	11										6	195.5	5.8	
22			2		1	5	10	3									3	266	7.1	
23		1	4	3	6	5	1							2			2	202.5	5.6	
24			3	3	9	4	2										3	259.5	6.1	
25			1	7	2	2	2									1	9	180.5	5.2	
26			3	5	5	1	2										8	225	6.2	
27	1	3	6	7	5												2	212	5.2	
28	1	3	2	3	4	3	2						1				5	203.5	5.8	
29	1	3		3	3	4	3						1	2			4	239.5	5.9	
30				1	1		2	7					5	1			7	194.5	6.4	
Total	13	32	53	60	48	52	130	47	0	19	7	31	30	31	6	3	158	6,007.5	170.5	130.4
Mean	0.4	1.1	1.8	2	1.6	1.7	4.3	1.6	0	0.6	0.2	1	1	1	0.2	0.1	5.3	200.2	5.7	4.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	**761.85**	8. 50a.	34	1. 05p.	85	18	**758.30**	3. 40p.	20. 6	5. 55a.	43. 5	14. 1
2	61. 55	8. 50a.	33. 6	3. 30p.	80	18. 4	57. 40	4. 00p.	**17.2**	6. 05a.	40	12. 3
3	60. 65	9. 00a.	33. 4	3. 15p.	82	18. 5	57. 40	3. 20p.	19	4. 35a.	48	12. 5
4	61. 30	9. 15a.	33. 7	2. 50p.	79	**16.8**	57. 90	3. 45p.	18. 7	5. 50a.	40	12. 8
5	61. 50	8. 25a.	33. 2	2. 40p.	78. 5	17. 2	57. 56	4. 00p.	18	5. 10a.	**39**	**12.1**
6	60. 80	8. 30a.	33. 6	3. 45p.	80	18. 2	56. 80	4. 05p.	18. 6	5. 55a.	46	12. 9
7	59. 80	10. 25p.	35. 1	3. 20p.	83	19. 7	56. 86	4. 00p.	20. 9	6. 05a.	44	15. 1
8	60. 37	9. 00a.	35	3. 05p.	88	21	57. 10	4. 25p.	22. 4	5. 55a.	46	17. 5
9	60. 68	9. 00a.	34. 2	1. 55p.	83	19. 3	57. 20	3. 40p.	20. 8	5. 15a.	42	15. 2
10	60. 85	9. 30a.	**35.2**	1. 55p.	79	18. 9	56. 90	4. 05p.	19. 9	4. 35a.	43	14. 2
11	60. 55	8. 55a.	34. 7	4. 15p.	**78**	19. 8	57. 11	4. 00p.	22. 7	5. 35a.	45. 5	16
12	60. 45	9. 25a.	33. 7	0. 40p.	82	20. 3	57. 55	4. 00p.	21. 4	5. 35a.	56	16
13	60. 70	9. 20a.	34. 7	1. 20p.	84	23. 4	57. 05	3. 20p.	23. 6	5. 25a.	56	18
14	61. 15	9. 45a.	**35.2**	3. 40p.	86	22. 5	57. 20	3. 25p.	23. 9	5. 45a.	49	19. 1
15	60. 15	10. 00p.	33. 2	1. 10p.	96	23. 2	57. 07	4. 00p.	24. 2	7. 30p.	65	20. 5
16	60	11. 15p.	**30.8**	2. 15p.	96	**23.5**	56. 90	3. 30p.	24. 4	4. 05a.	**74**	**21.3**
17	60. 52	9. 00a.	34. 1	2. 30p.	95	23. 3	57. 25	2. 45p.	**24.8**	5. 45a.	58. 5	21. 1
18	61. 39	10. 00a.	33	2. 35p.	95	23. 4	57. 95	3. 25p.	23. 8	6. 55p.	64	19. 8
19	60. 75	10. 55p.	32. 6	1. 25p.	**99**	23. 3	57. 70	2. 40p.	22. 4	3. 55p.	63	18. 2
20	61. 40	9. 05a.	34. 1	3. 20p.	97	22. 6	57. 86	4. 00p.	23	4. 35a.	57	19
21	61. 22	9. 00a.	34. 2	2. 05p.	87	20. 8	57. 50	4. 15p.	22. 8	5. 45a.	52	17. 7
22	60. 75	8. 05a.	34. 3	2. 40p.	**78**	21. 6	57. 55	4. 35p.	23	3. 25a.	48	15. 8
23	60. 25	8. 35a.	33. 9	1. 45p.	80	20	56. 95	4. 35p.	21. 5	5. 50a.	50	14. 9
24	59. 25	10. 00p.	33. 6	2. 40p.	79	21. 5	56. 60	2. 30p.	21. 8	5. 30a.	47	15. 7
25	59. 50	10. 05p.	33. 9	2. 30p.	85	20. 2	56. 62	3. 00p.	22. 2	5. 30a.	53	16. 6
26	59. 95	9. 05a.	34. 2	2. 10p.	81	18. 8	57. 04	4. 00p.	21. 9	5. 15a.	49	16
27	59. 90	8. 00a.	33. 1	0. 25p.	84	19. 7	57. 50	3. 15p.	21. 7	5. 20a.	49. 5	16. 7
28	59. 65	8. 00a.	34. 5	2. 55p.	82	20. 5	56. 80	3. 50p.	23. 1	2. 35a.	50	17. 2
29	59. 40	8. 25a.	34. 4	2. 25p.	85	20. 6	56. 25	3. 25p.	22. 5	4. 25a.	50. 5	17. 1
30	**59.09**	8. 00a.	34	3. 40p.	88	20. 8	**55.30**	4. 40p.	23. 2	5. 50a.	50	17. 6
Mean	760. 51	--------	33. 9	--------	85. 2	20. 5	757. 17	--------	21. 8	--------	50. 6	16. 4

DAILY GENERAL REMARKS.

1----Gusty SEly winds in the afternoon.
2----Cloudy weather.
3----Do.
4----Somewhat gusty SE winds in the afternoon.
5----Cloudy weather.
6----Overcast.
7----Cloudy weather.
8----Somewhat gusty SE winds in the afternoon.
9----Gusty SE winds in the afternoon.
10----Somewhat gusty SE winds in the afternoon.
11----Fair weather.
12----≡° a; d° in the afternoon.
13----⛈ N quadrant in the afternoon.
14----Heavy thundershowers in the afternoon.
15----⛈ N, E in the afternoon; ⛈ N, ⚡ various points in the evening, with occasional ● at night.
16----d° in the morning; ⊤° E 0.55 p.
17----⛈° NE quadrant, d° in the afternoon.
18----⛈ different points in the afternoon, with occasional ●.
19----Heavy thundershowers in the afternoon.
20----Cloudy weather.
21----As yesterday.
22----Somewhat gusty SSE winds in the afternoon.
23----Cloudy weather.
24----Somewhat gusty Ely winds in the afternoon.
25----d°, somewhat gusty SEly winds in the afternoon.
26----Somewhat gusty SEly winds in the afternoon.
27----Radiation of Cirrus toward S, ○° in the morning.
28----Cloudy weather.
29----Somewhat gusty Ely winds in the afternoon.
30----Somewhat gusty SEly winds in the afternoon.

OBSERVATIONS FOR MAY, 1913.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.25	56.95	56.70	56.85	57.20	57.68	58.17	58.52	58.59	58.47	58.20	57.70
2	57.95	57.65	57.25	57.40	57.50	58.08	58.40	58.52	58.67	58.50	58.35	57.85
3	58.90	58.75	58.65	58.55	58.65	58.75	59.29	59.48	59.90	59.67	59.73	59.33
4	**59.45**	59	58.40	58.30	58.25	58.43	58.75	59.07	59.29	59.29	59.02	58.46
5	58.10	57.50	57.25	57.25	57.30	57.58	57.98	58.32	**58.62**	58.44	57.85	57.36
6	56.85	56	55.50	55.25	55.40	56.12	56.70	57.28	**57.55**	57.29	56.74	56.54
7	55.70	55.15	**54.90**	**54.90**	55.10	55.07	55.71	56.09	56.38	56.32	56.27	55.80
8	56.55	56	55.65	**55.50**	**55.50**	56.11	56.46	56.33	56.85	56.97	56.69	56.52
9	56.20	55.95	55.75	**55.50**	55.90	56.15	56.58	56.69	57.23	57.33	57.23	56.90
10	56.65	56.60	**56.10**	56.20	56.50	57.05	57.50	58	58.23	57.95	57.89	57.57
11	57.65	57.45	57.50	57.50	57.70	58.19	58.60	59.32	59.43	59.38	58.98	58.67
12	59.55	59.20	58.95	59.15	59.30	59.59	59.82	60.19	60.29	59.88	59.59	59.22
13	59.50	58.90	58.75	58.90	58.95	59.25	59.53	59.87	**60.19**	59.87	59.36	58.98
14	57.80	57.30	57.45	57.60	57.95	58.40	58.79	59.18	**59.28**	59.11	59	58.50
15	57.40	57.05	**56.95**	**56.95**	57.40	58.28	58.88	59.24	59.57	**59.87**	59.62	59.03
16	58.95	58.70	58.50	58.65	58.80	59.18	59.45	59.84	59.84	59.77	59.50	59.02
17	60.15	59.95	59.60	59.60	59.85	60.02	60.27	60.48	60.52	60.27	60.08	59.58
18	60.30	60	59.55	59.50	59.70	59.90	60.24	60.44	60.63	60.63	60.26	59.63
19	60.35	59.90	59.55	59.60	59.70	60.12	60.33	60.36	**60.38**	60.27	59.85	59.51
20	59.45	58.90	58.85	58.85	59.05	59.43	59.82	60.08	**60.40**	60.30	59.87	59.55
21	59.05	58.50	58.45	58.60	58.70	58.80	59.10	59.64	59.64	**59.77**	59.42	59.07
22	59.10	58.70	58.75	58.90	58.90	59.14	59.51	**59.67**	59.57	59.44	59.24	58.94
23	**58.95**	58.55	58.10	58.10	58.05	58.27	58.42	58.53	58.52	58.42	58.22	57.82
24	57.65	57.45	57.10	57.10	57.20	57.63	58.05	58.38	**58.57**	58.45	58.02	57.67
25	57.95	57.85	57.95	58.05	58.30	58.83	59.34	59.51	**59.71**	59.36	58.99	58.50
26	59.20	59.05	58.90	58.60	58.70	59.24	59.82	59.89	59.77	59.33	59.22	58.81
27	59.85	59.50	59.40	59.25	59.20	59.62	60.04	**60.10**	60	59.77	59.37	59.27
28	58.85	58.60	58.45	58.40	58.45	58.70	59	59.19	**59.32**	59.13	58.71	57.96
29	58.55	58.10	57.60	57.60	57.70	57.99	58.42	58.70	58.73	58.61	58.20	57.90
30	59.05	58.95	59	58.95	59.10	59.39	59.57	59.74	59.81	59.59	59.36	58.78
31	59.60	59.25	59.30	59.30	59.45	59.88	60.09	**60.47**	60.12	59.96	59.67	59.26
Mean	58.47	58.11	57.90	57.90	58.05	58.42	58.79	59.07	59.21	59.08	58.79	58.38

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.3	24.9	24.5	24.6	24.1	**23.9**	26.5	29	29.9	30.6	30.6	31.8
2	24.7	24.5	23.9	23	22.6	**22.4**	26	29.2	30.4	28.7	30.4	30.9
3	24.1	23.6	23.3	22.5	22.4	**22.3**	25.5	28.5	29.6	30.1	30	31
4	23.6	23.1	22.6	22.5	**22.3**	**22.3**	26.1	27.4	28.6	29.5	30.3	30.1
5	24.2	24.2	23.5	**23.4**	**23.4**	23.6	26.5	28.8	28.5	30.3	30.6	31.3
6	25.5	25.5	25.3	25.6	25.5	26	25	25.1	26.2	26.8	26.8	**27**
7	24.5	24.6	**24.4**	24.6	25	25.4	25.8	26.4	28.2	28.2	**28.5**	27.9
8	25.6	**24.9**	25	25.7	25.6	25.6	26.5	27.1	29.1	**29.6**	29.2	28
9	25	25	25	25.1	**24.9**	**24.9**	**24.9**	25.5	25.2	26.5	25.2	27.7
10	25.8	**25**	25.1	25.1	25.2	25.3	26	27.5	28.2	29.2	29.6	29.7
11	24.7	24.7	24.7	**24.6**	**24.6**	24.7	27.1	28.3	28.9	28.6	28.9	29.7
12	24.6	24.4	24.3	23.9	23.8	**23.7**	27.2	29.3	30.6	30.8	30.8	31
13	25	24.9	24.4	24.3	**24.1**	24.3	27.5	28.5	29.6	30.2	30.5	31.4
14	24.3	24	**23.5**	**23.5**	**23.5**	23.6	26.7	28.5	29.1	30	30.7	31.1
15	24.9	24.6	**24.4**	**24.4**	**24.4**	25	27.4	28.9	29.4	30	31	31.4
16	24.8	24.4	24.6	24	**23.9**	24.1	27.1	28.6	29.7	30	31.3	31.5
17	24.4	24.2	23.9	23.4	**23.2**	23.3	27.1	29.2	30.1	30.9	30.7	31.2
18	25.1	24.9	24.6	24	**23.8**	24	27	28.6	29.3	30.6	30.6	31
19	25.5	25	24.8	23.9	**23.6**	23.8	26.9	29.5	31.1	32.2	31.2	31.7
20	25.1	24.6	24.3	24.1	**23.7**	**23.7**	27.2	29.6	29.7	30	30.6	31.1
21	24.4	24	24.1	23.8	23.5	23.6	26.3	27.5	29.1	31.5	31.6	31.4
22	22.3	23.6	22.2	21.3	**20.4**	20.5	25.3	28.5	29.9	30.3	30.6	31.6
23	25.7	25.4	24.6	24.2	**23.7**	24.4	25.8	28.8	29.7	31.1	31.7	**32**
24	25.3	25.4	24.3	23.6	**23.2**	23.6	27.2	29.4	30.9	31	**33.1**	31.3
25	25.3	24.9	24.7	24.3	**24.1**	24.7	25.8	28	29.6	31.4	33.1	**33.8**
26	25.3	25.1	25	24.5	24.3	**24.1**	26.9	29	30.3	31.6	29.6	31.3
27	24.8	24.8	24.6	24.6	24.1	**24**	25.7	26.8	30	**30.9**	30.7	29
28	24.7	24.3	24.3	24.2	**24.1**	**24.1**	24.3	27.5	28.9	30.8	30.5	30.4
29	24.5	24.3	23.6	23.3	**22.9**	23.3	27.2	28.9	30.6	31.4	31.6	31.4
30	23.5	23.2	23	22.4	22.4	**22.3**	26	29.3	29.4	30	31	31.1
31	24.4	23.5	23.4	23	**22.6**	**22.6**	27.2	29	31.1	33	30.5	30.5
Mean	24.7	24.5	24.2	23.9	**23.7**	23.8	26.4	28.3	29.4	30.2	30.4	30.7

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.87	56.29	55.86	**55.62**	55.68	56.13	56.85	57.55	58	58.35	**58.95**	58.45	57.37
57.57	56.78	56.47	**56.36**	57.15	57.35	57.65	58.35	58.90	**59.50**	59.45	59.20	57.95
58.54	58.14	**57.64**	57.90	58.23	58.52	58.90	59.20	59.85	**60.20**	**60.20**	59.80	59.03
57.90	57.22	56.82	56.48	**56.40**	56.97	57.30	57.90	58.15	58.60	58.80	58.40	58.19
56.62	55.55	**55.19**	55.40	55.65	56.24	56.97	57.35	57.60	58.10	57.95	57.45	57.23
55.99	55.42	55.14	54.97	**54.92**	55.21	55.76	56.35	56.40	56.90	56.55	55.90	56.11
55.75	55.40	55.23	55.11	55.25	55.89	56.49	57.25	**57.90**	57.70	57.50	57.40	**56.01**
56.17	56.04	56.24	55.67	55.90	56.57	57.19	57.40	57.55	57.65	**57.80**	57.30	56.53
56.37	55.98	55.73	55.68	55.78	56.70	56.89	57.35	57.40	**57.70**	57.45	56.95	56.56
57.17	56.67	56.37	56.32	56.65	57.14	57.67	58.05	58.25	58.60	**58.70**	58.25	57.34
57.99	57.67	57.41	**57.36**	57.76	58.33	58.95	59.45	59.80	59.95	**60.05**	59.70	58.53
58.87	58.37	58.10	**57.65**	58	58.64	59.07	59.60	60	**60.45**	60.40	60	59.33
58.20	57.49	57.12	**57**	57.30	57.68	57.91	58.15	58.50	58.75	58.70	58.40	58.64
57.72	57.15	56.58	**56.45**	56.60	57	57.51	57.95	58.25	58.40	58.35	57.95	57.93
58.19	57.38	57.24	57.12	57.35	57.65	58.21	58.70	59.25	59.75	59.65	59.20	58.33
58.50	58.10	58.01	**57.99**	58.20	58.80	59.02	59.90	60.55	**60.95**	60.85	60.50	59.23
58.86	58.12	**57.37**	58.48	58.87	59	59.50	60	60.50	**60.75**	**60.75**	**60.75**	**59.72**
58.79	58.12	**57.54**	58.03	58.46	58.64	59.20	60.05	60.60	**61**	60.85	60.80	59.70
58.90	58.49	57.93	**57.88**	58.03	58.43	58.71	59.10	59.30	59.75	59.60	59.60	59.40
58.70	58.06	57.97	**57.72**	58.27	58.47	58.97	59.50	59.85	60.05	59.90	59.60	59.23
58.54	57.97	57.59	**57.23**	57.43	58.15	58.35	58.75	59.15	59.75	59.65	59.40	58.78
58.15	57.76	57.17	**56.95**	57.40	57.75	58.45	58.60	59.35	59.35	59.35	59.15	58.72
57.39	56.64	56.51	56.30	**56.17**	56.75	57.20	57.75	58	58.40	58.50	58.30	57.83
56.97	56.26	56.09	**55.88**	56.24	56.70	57.40	57.80	58.05	58.25	58.50	58.20	57.48
57.90	57.33	**57.07**	57.11	57.35	57.81	58.40	58.75	59.55	59.60	59.65	59.45	58.51
58.30	**58.20**	58.77	58.39	58.91	59.16	59.31	59.65	60.15	60.50	**60.60**	60.20	59.28
58.57	58.32	**57.97**	58.02	58.22	58.54	59.43	59.50	59.65	59.60	60.05	59.60	59.28
57.20	56.60	**56.39**	56.40	56.69	57.09	57.61	58.35	59.05	59	59.20	58.85	58.22
57.40	56.97	**56.77**	56.82	56.84	57.34	57.79	58.45	59.05	59.10	59.15	**59.20**	58.04
58.20	57.97	57.32	57.46	**57.30**	57.82	58.35	59.10	59.65	**59.95**	**59.95**	**59.95**	58.93
58.20	57.52	57.14	**56.94**	57.10	57.75	58.15	58.80	59.20	59.45	59.60	59.30	58.98
57.76	57.23	56.93	**56.86**	57.10	57.56	58.04	58.54	58.95	59.23	**59.25**	58.94	58.27

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.9	**33**	32.7	32.2	31.4	29.2	28.2	26.8	26	25.4	24.9	24.7	28
28.9	31.7	30.4	**32.5**	26.5	26.7	26.3	25.7	25.7	25.6	25.2	24.6	26.9
30.7	29.7	**32.1**	30.3	26.6	25.2	25	24.2	24.7	25	24.4	24	26.4
31	29.8	31.3	**32**	31.2	29.1	27.5	26.4	25.7	25.6	25	24.3	27
32	**33.1**	32.1	29.4	31.3	29.6	28.3	27.1	26.5	26	25.8	26.5	27.8
26.6	26.8	26.8	26	26	25.8	25.1	25.2	25.2	24.5	24.7	**24.4**	**25.7**
27.7	27.6	27.4	26.9	26.3	25.6	25.7	25.5	25.5	25.5	25.6	25.5	26.2
28.3	28.5	26.6	26.3	26	25.9	25.3	25.3	25.2	25.2	25.5	25.5	26.5
29	28	28.7	28.5	27.6	26.1	26.3	25.9	25.8	26	25.9	25.9	26.2
29.8	**30.5**	**30.5**	29.6	28.4	26.9	26.6	26.6	26.4	26.4	26.2	25.3	27.3
30.5	**30.6**	30.2	29.9	28.9	27.7	27.5	27.3	26.9	26.7	26.5	25.4	27.4
31.7	31.3	**32.4**	31.8	30.7	29.4	28.4	27.9	27.5	27.2	26	25.5	28.1
31.8	31.7	**32.2**	31.9	30.5	28.3	27.8	27.4	27.2	26.9	25.3	24.6	27.9
31.5	31.7	**31.9**	31.2	30.1	28.5	27.9	27.7	27.2	27	26	25.2	27.7
31.7	**31.7**	31.6	31.5	29.8	28.4	28	27.8	27.4	26.9	26.5	25.2	28
31.4	31.5	**31.7**	31.5	30.8	28.7	26.7	25.7	25.1	25	24.7	24.6	27.6
32.3	32	**32.9**	30.2	27	27.1	26.4	26	25.7	25.3	25.1	25.3	27.4
31.7	32.5	**33.1**	32.2	29.9	28.1	27.5	26.9	26.8	26	25.8	25.7	27.9
32.5	33.2	**34.1**	33.9	33	30.6	29	28.1	27.1	26.6	26.2	25.7	**28.7**
31.7	31.2	28.2	27.4	30.4	28	27.1	25.9	26	25.9	25.2	24.6	27.3
33.4	32.3	33.4	**33.7**	32.1	30.8	28.2	26.4	25.3	24.6	23.8	**23.1**	27.8
32.4	33.2	33.8	**34.5**	31.7	30.5	27.6	26.7	26.2	26.5	25.5	25.3	27.5
31.3	30.3	30.8	30.8	31.7	29.5	28.5	27.5	26.6	26.7	26.3	26.3	28.1
31.3	32.5	33	32.8	30.8	29.3	28	27.6	27	26.2	25.8	25.3	28.2
32.8	32.4	31.8	31.9	30.2	29.4	27.3	26.7	26.5	25.9	25.7	25.7	28.2
31.7	29.7	25.1	25.3	25.5	25.4	25.4	25.4	25.6	25.6	25.3	25	26.8
27.9	27.8	26.8	26.9	26.8	26.6	25.7	25.7	25.1	25	25	24.9	26.4
33	34	**34.4**	30.7	30.4	29.4	28.8	29.3	25.5	26.3	25.2	24.7	27.9
31.9	31.3	29.8	30	30.8	29	27.7	26.8	25.9	25.6	24.8	24	27.5
32.4	32	**34.3**	31.2	32.6	30.5	28.5	27.5	26.6	26.3	25.3	24.5	27.7
33.7	33.5	32.4	31.3	30.8	29.8	27.8	27	26.1	25.8	25.5	25	27.9
31.1	**31.1**	31	30.5	29.5	28.2	27.2	26.6	26.1	25.9	25.4	25	27.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	75	72	75	72	76	73.5	71	62	57	58	60	57
2	72	75	79	80	78	80	72.5	65	55	63	59.5	57
3	78	82	82	83	82	81	74.5	64	63	**59**	62	63
4	87	**89**	**89**	87	87	88	82	78	69	69	68	70
5	86	83	**88**	87	85	83	79	69	73	65	62	64
6	85	81	82	76	76	**75.5**	87	91	87	84	82	81
7	92	92	**93**	92	88	86	84	82	74	74	**70.5**	77
8	82	86	87	84	82	81	79	78	72	**70.5**	73	77
9	**98**	97	96	**98**	97	95	94	92	92	90	94	87
10	90	93	93	**95**	**95**	93	90	85	83	78.5	79	77
11	**94**	**94**	93	**94**	**94**	92	87	81	75	77	76	75
12	93	93	92	96	95	**97**	86	77	70	71	69	68
13	91	87	90	89	90	89	83	83	75	74	72	66
14	91	88	91	91	91	90.5	85	81	79	75	74	70
15	91	90	87	85	85	87	81	79	82	76	72.5	71.5
16	94	**95**	93	93	92	91	87	83	77	77	**65**	**65**
17	88	87	86	**89**	86	85	77	72	70	66	68	67
18	88	84	86	89	**91**	89	83	79	76	72	70	68
19	85	85	83	**89**	87	87	83	69	59	52	63	61
20	83	85	85	85	87	87	78	69	75	73	71	71
21	**91**	**91**	90	89	85	85	82	78.5	71	65	59	55
22	78	69	75	78	79	**81.5**	74	58.5	51	56	57	54
23	79	80	83	82	**84**	82	81	72	69	69	**59**	61
24	80	76	81	83	**84**	83	78	68	62	64	56	63
25	83	83	**85**	**85**	**85**	81	81	76	69	65	**53**	54
26	85	85	83	84	84	86	80	73	66	66	69	**64.5**
27	89	88	90	90	**93**	92	88	84	71	**69**	70.5	74
28	90	92	94	92	91	92	**96**	82	78	68	72	72
29	87	86.5	85	86	87	84.5	81	76	69	65	63	67
30	90	92	91	**94**	89	88	81.5	66	68	64	61	58
31	78	85	85	87	**88**	87	78	64	59.5	**55**	63	66
Mean	86.2	86	86.8	**87.2**	86.9	86.2	82	75.4	70.9	68.7	67.5	67.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18	16.8	17.1	16.6	16.9	**16.2**	18.4	18.5	17.8	18.9	19.5	**19.9**
2	16.7	17.1	17.4	16.7	**16**	16.1	18.1	19.5	17.6	18.5	19.2	18.9
3	17.5	17.8	17.4	16.9	16.6	**16.1**	18	18.6	19.5	18.6	19.4	21.1
4	18.8	18.6	18	17.6	**17.4**	17.7	20.5	21.3	20.1	21.2	21.7	22.2
5	19.4	18.7	18.9	18.6	18.2	**18**	20.3	20.4	21.1	20.8	20.1	21.7
6	20.7	19.7	19.6	18.5	**18.4**	18.8	20.4	21.5	**22**	**22**	21.4	21.5
7	21.1	21.1	21.2	21.2	20.8	20.7	20.7	20.9	20.9	20.9	20.4	21.4
8	20	20.1	20.4	20.7	20	**19.8**	20.3	20.7	21.6	21.7	21.9	21.5
9	23.2	22.8	22.5	23.1	22.6	22.2	22	22.2	21.8	23	22.4	23.9
10	22.3	22	22.1	22.5	22.6	22.3	22.5	23.2	23.6	23.6	24.5	24
11	21.8	21.8	21.5	21.6	21.6	**21.4**	23.1	23.2	22.1	22.3	22.5	23.1
12	21.4	21.2	20.9	21.1	**20.8**	21	23	**23.4**	23	23.3	22.9	22.7
13	21.3	20.5	20.4	20.1	**20**	20.1	22.6	**23.9**	22.9	23.7	23.5	22.7
14	20.5	**19.5**	19.6	19.6	19.6	19.6	22.1	23.4	23.7	23.8	24.2	23.5
15	21.2	20.7	19.7	**19.3**	**19.3**	20.4	22.1	23.4	**25**	23.9	24.2	24.4
16	21.9	21.6	21.4	20.7	20.3	20.4	23.2	24.2	23.7	**24.4**	22.1	22.4
17	20	19.6	19	19	18.2	**18.1**	20.4	21.8	22.2	22	22.2	22.6
18	20.7	**19.7**	**19.7**	**19.7**	19.8	**19.7**	21.9	23	22.9	**23.6**	23	22.7
19	20.7	20	19.4	19.6	18.8	19.1	**22**	21.2	19.8	**18.5**	21.3	21.2
20	19.8	19.5	19.1	**18.9**	19	19	21	21.3	23.3	23.1	23.1	**23.7**
21	20.8	20.3	20	19.4	18.4	18.5	20.9	21.4	21.2	**22.4**	20.4	18.8
22	15.6	14.9	14.9	14.6	**14.1**	14.6	17.6	16.9	15.9	17.9	18.7	18.7
23	19.4	19.2	19.2	18.3	18.3	18.7	20.1	21.2	21.5	23.1	20.6	21.4
24	19.1	18.3	18.2	18	**17.9**	18	20.8	20.8	20.7	21.5	21	21.4
25	19.8	19.5	19.6	19.1	18.9	**18.7**	19.9	21.3	21.3	**22.2**	19.8	21.2
26	20.4	20.1	19.4	19.2	**19**	19.1	21.2	21.6	21.2	22.8	21.1	21.9
27	20.7	20.5	20.7	20.7	20.8	**20.4**	21.7	22	22.5	22.8	23.1	22
28	20.8	20.9	21.2	20.7	20.4	20.6	21.6	22.4	22.9	22.4	**23.5**	23.3
29	19.8	19.5	18.5	18.3	**18**	**18.8**	21.6	22.4	22.6	22.2	21.9	**22.9**
30	19.5	19.5	19	18.9	18	**17.5**	20.3	19.9	**20.6**	20.2	20.4	19.5
31	17.8	18.2	18.2	18.1	17.9	**17.7**	20.8	19.1	19.9	20.6	20.6	21.4
Mean	20	19.7	19.5	19.3	**19**	**19**	20.9	21.4	21.4	21.8	21.6	**21.9**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56	**51**	52	54	54	65	64	74	**78**	76	75.5	73	65.9
71	**54**	66	60.5	86	**87**	79	78	81	81	77	79	72.3
65	70	**59**	71.5	77	85	**87**	83	82	82	86	86	75.3
66	73	66	**55**	58	69	70	79	84	85	85	**89**	76.8
61	57	63	70	**55**	60	63	75	76.5	84	81	76.5	72.8
83	80	80	82	82	82	87	86	86	91.5	89	**92**	83.7
78	82	81	81	83	84	84	84	84	83	82	83	83.1
85	82	90	90	94	94	97	**98**	**98**	**98**	**98**	**98**	86.4
83	83	**77**	80	81	83	85	86	88	86	88	88.5	**89.1**
77	76	**75**	77	81	85	89	85	89	90	92	94	85.9
72	72	**71**	74	79	85	84	86	87	88	90	92	83.8
65	68	**62**	64	70	73	77	80	83	86	89	89	79.7
65	66	**63**	67	68	75	82	84	85	88	**92**	**92**	79.8
68	**66**	69	72	75	79	82	83	87	87	89	**92**	81.5
70	71	70	**68**	73	77	82	81	85	90	91	**94**	80.8
68	70	68.5	66	69	78	77	86	89	87.5	89	89	81.2
62	61	**57**	73	74	73	80	81	82	82	85	86	76.5
65	63	**61**	62	72	75	80	80	82	87	86	84	78
56	55	55	**49.5**	53	64	69	73	77	77	82	79	70.5
65	**65**	67	78	70	83	83	89	89	91	92.5	**94**	79.8
48	49	48.5	50	54	54	66	69	71	71.5	77	79	69.9
47.5	**47**	48	48	54	60	66.5	72	76	70.5	77.5	79	**64.9**
68	74	70	72	66	74	72	68	74	70	77	73	73.3
63	60.5	59	**52**	56	68	73	78	77	81	80	83	71.2
60	60	63	62.5	68	65	73	76	77	81	82	82	72.9
66	72	87	90	91	**93**	**93**	**93**	92	91	92	88	82.2
80	82	85	87	90	88	89	92	88	88	89	89	85.2
50	**45**	**45**	60	65	75	78	73	86	86	87	88	77.4
58	**58**	71	69	68	74	78	83	87	88	89	**91**	77.1
55	57	**47**	55	50	63	66	70	76	73	78	80	71.4
57	57	63	64.5	68	64	75	77	79	79	80	79.5	72.4
65.6	**65.4**	65.8	67.9	70.5	75.3	78.4	80.7	83.1	83.8	85.4	85.9	77.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
19.7	19	19.2	19.5	18.4	19.5	18.2	19.3	19.4	18.3	17.7	16.9	18.3
20.9	18.8	21.4	22	22	**22.7**	20.2	19	20	19.8	18.4	18.2	19
21.2	21.6	21	**22.9**	20	20.3	20.4	18.7	18.9	19.3	19.4	19	19.2
22.1	**22.6**	22.3	19.4	19.7	20.6	19.3	20.3	20.5	20.8	20	20.1	20.1
21.4	21.4	**22.5**	21.2	18.9	18.5	**18**	20.1	19.7	21	20.1	19.7	19.9
21.5	21	21	20.6	20.6	20.3	20.5	20.5	20.5	20.9	20.6	21	20.6
21.5	**22.5**	21.8	21.3	21.2	20.6	20.5	20.3	20.3	20.1	**20**	20.1	20.9
24.4	23.6	23.1	22.8	23.3	23.4	23.1	23.4	23.4	23.4	23.6	23.6	22.1
24.6	23.3	22.5	23.2	22.1	**20.9**	21.6	21.4	21.6	21.5	21.8	22	22.4
24.1	**24.8**	24.3	23.8	23.3	22.4	23	**21.9**	22.7	22.9	23.2	22.6	**23.1**
23.2	23.4	22.8	23.2	23.4	**23.5**	22.8	23.1	22.9	22.9	23.2	22.1	22.6
22.5	23.1	22.3	22.4	22.9	22.2	22.3	22.3	22.6	23	22.1	21.7	22.3
22.7	22.9	22.4	23.5	22.2	21.5	22.6	22.6	22.8	23.2	21.9	21.1	22.1
23.4	23.2	**24.3**	**24.3**	23.9	22.8	23	22.9	23.2	23.1	22.3	21.8	22.4
24.2	24.6	24.2	23.4	22.6	22.3	22.9	22.4	23	23.6	23.4	22.4	22.6
23.3	23.9	23.7	22.9	22.9	22.9	**19.9**	21.1	21.1	20.6	20.6	20.4	22.1
22.4	21.7	21.3	**23.2**	19.6	19.5	20.5	20.2	20.1	19.6	20.1	20.6	20.6
22.5	23.1	22.9	22.2	22.6	21.2	21.8	20.9	21.4	21.7	21.2	20.7	21.6
20.5	20.7	21.8	19.4	19.8	20.9	20.7	20.6	20.4	20	20.6	19.4	20.3
22.7	21.9	19	21	22.4	23.3	22.3	22.2	22.1	22.6	22	21.6	21.4
18.4	17.6	18.5	19.5	19.2	17.8	18.8	17.7	17.1	**16.4**	16.9	16.5	19
17.2	17.8	18.9	19.3	18.6	**19.4**	18.2	18.8	19.1	18.1	18.8	18.9	**17.4**
23.1	23.6	23	**23.7**	22.9	22.6	20.8	18.5	19.1	**18.2**	19.6	18.6	20.6
21.4	**22**	21.9	19.1	18.4	20.5	20.5	21.3	20.3	20.4	19.7	19.8	20
22	21.6	22	21.9	21.7	19.8	19.8	19.8	19.9	20	20.1	20.1	20.4
23.2	22.3	20.5	21.5	22	22.3	22.3	22.5	22.4	22.1	21.9	20.8	21.3
22.3	22.8	22.2	22.9	**23.4**	22.7	21.9	22.5	20.9	20.8	21	20.9	21.8
18.8	**17.7**	18.1	19.8	21	22.9	23	22.1	20.9	21.9	20.7	20.4	21.2
20.5	19.7	22.2	21.8	22.4	21.9	21.5	21.6	21.6	21.4	20.7	20.3	20.9
19.9	20	19	18.7	18.2	**20.6**	19.2	19	19.6	18.5	18.7	18.3	19.3
22.1	22	**22.9**	21.9	22.4	19.9	20.8	20.3	19.7	19.5	19.4	18.7	20
21.9	21.7	21.7	21.7	21.4	21.3	21	20.9	20.9	20.8	20.6	20.3	20.8

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		Ci.									
2	Ci.		Ci.		Ci.				Ci.		Ci.	
3	Ci.		Ci.				Ci.				Ci.-Cu.	
4	A.-Cu.		Ci.-Cu.		Ci.-Cu.	EbyN	A.-Cu.	EbyN	A.-Cu.			
5	Ci.		Ci.				Ci.		Ci.		Ci.	
6												
7			A.-S.		A.-S.							
8	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
9												
10	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
11	Ci.-S.		A.-Cu.		Ci.		Ci.-S.		Ci.-S.		A.-Cu.	NE
12	Ci., Ci.-Cu.		Ci.-Cu.									
13	Ci.								Ci.-S.			
14												
15	Ci.								A.-Cu.			
16	Ci.				Ci.							
17	Ci.		Ci.									
18	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.-S.	SEbyS
19	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
20			Ci.		Ci.		Ci.					
21			Ci.-S.				A.-Cu.					
22												
23					Ci.		Ci.				Ci.-S.	
24	Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
25	Ci., Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
26	Ci.	EbyN	Ci.		Ci.		Ci.					
27	A.-Cu.	EbyS	A.-Cu.		A.-Cu.	EbyS	A.-Cu.				Ci.	
28	Ci.-S.		Ci.-S.		Ci.-S.		Ci.					
29	Ci.		Ci.		Ci.-S.		Ci.-S.					
30	A.-Cu.		A.-Cu.		Ci.-S.							
31	Ci.		Ci.		Ci.		Ci.		Ci.			

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
2	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	E
3	Cu.		Cu.		Cu.		Cu.	E	N.-cf.	E	N.-cf.	
4	S.-Cu.		Cu.		S.-Cu.		Cu.		Cu.	E	Cu.	E
5	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	E
6	N.	ENE	N.	EbyN	Cu.	NE	N.	ENE	N.	ENE	S.-Cu.	
7	S.-Cu.	ESE	S.-Cu.		N.	SE	Fr.-N.	SE	Cu.-N.	SE	Fr.-N.	SE
8	S.-Cu.		S.-Cu.		S.-Cu.	SE	S.-Cu.	SE	Cu.-N.	SE	Cu.-N.	
9	N.	SW	S.-Cu.		Fr.-N.	SW	Fr.-N.	SW	Fr.-N.	SW	N.-cf.	SW
10	S.-Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
11	Cu.		Cu.		Cu.	SW	Cu.	W	Cu.		Cu.	
12	Cu.		Cu.	W	Cu.	W	Cu.	W	Fr.-Cu.		Cu.	
13	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
14	Cu.		Fr.-Cu.		Cu.		Fr.-Cu.		Fr.-Cu.		Cu.	
15	Cu.		Cu.		Cu.		Cu.	SW	Cu.	SW	Cu.	
16	Cu.		Cu.	SW	Cu.	SW	Cu.	SW	Cu.	SW	Cu.	
17	Cu.		Cu.		Fr.-Cu.	E	Fr.-Cu.		Fr.-Cu.		Cu.	
18	Cu.		Cu.		Cu.	SE	Cu.		Cu.		Cu.-N.	
19	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
20	Cu.		Cu.		Cu.	E	N.-cf.	E	N.-cf.		Fr.-Cu.	
21	Cu.		Cu.		N.-cf.	E	Cu.		Cu.	E	Cu.	E
22	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
23	Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	E	Cu.	
24	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	ESE
25	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
26	Cu.		Cu.		Cu.	E	Cu.	E	N.-cf.	E	Cu.	
27	Cu.		Cu.		Cu.		Cu.	E	Cu.-N.		N.-cf.	
28			Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
29	Cu.		Cu.		Cu.		Cu.	E	Cu.-N.	E	N.-cf.	
30	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
31	Cu.		Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.-N.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
										Ci.	
										A.-Cu.	
Ci.		Ci.		Ci.		Ci.-S.				Ci.-S.	
										Ci.-S.	
						Ci.-S.		Ci.-S.			
				Ci.-S.						Ci.-S.	
Ci.-S.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		A.-Cu.		Ci.-Cu.	SW	Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.							
Ci.											
										Ci.	
										Ci.-S.	
						Ci.-S.					
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.								Ci.-S.	
		Ci.		Ci.		Ci.		A.-Cu.		Ci.	
		A.-Cu.									
		Ci.				Ci.		Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.	
Ci.											
Ci.											
Ci.		Ci.		Ci.		Ci.		Ci.			
		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
		Ci.-S.				Ci.		Ci.-S.		Ci.	
				Ci.				Ci.		Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Fr.-Cu.	E	N.-cf.	E	Cu.-N.		Cu.-N.		Cu.	
Cu.-N.		Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	E	N.	
Cu.	E	Cu.-N.	E	N.-cf.	E	Fr.-Cu.		Cu.		Cu.	
Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.		Cu.	
Cu.-N.		Cu.-N.	ENE	Cu.-N.	ENE	Cu.-N.		Cu.-N.	NE	S.-Cu.	
Fr.-N.		Cu.-N.	SE	Cu.-N.	SE	N.		N.		Cu.-N.	
Cu.-N.		Cu.-N.	S	Cu.-N.	S	Fr.-N.	SSW	Fr.-N.	SW	Fr.-N.	
Cu.-N.		Cu.-N.	SW	Fr.-N.	SW	N.-cf.		N.-cf.		Fr.-N.	
Cu.		Cu.	SSW	Cu.		Cu.	WSW	Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		S.-Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		N.-cf.	
Cu.		Cu.		Cu.		Cu.	E	Cu.-N.		Cu.-N.	
Cu.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	
N.-cf.		Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.		S.-Cu.	
Fr.-Cu.	E	Fr.-Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	E
N.-cf.	E	N.-cf.	E	N.-cf.	E	Cu.-N.		Cu.		Cu.-N.	
Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	N.-cf.	E	Cu.-N.	E	Cu.-N.		Cu.	
Cu.-N.		N.	S	Fr.-N.	S	N.-cf.		N.		N.-cf.	
N.-cf.	E	N.-cf.		N.-cf.	E	N.		Cu.-N.	E	N.	
Cu.		Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	
Cu.	E	Cu.-N.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
N.-cf.		N.-cf.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ENE	0.5	Calm	--------	Calm	--------	Calm	--------	E	0.5	Calm	--------
2	E	.5	SE	0.5	Calm	--------	NE	0.5	NE	.5	Calm	--------
3	EbyS	1	NNE	.5	Calm	--------	NE	.5	NE	1	NE	0.5
4	Calm	--------	NE	.5	NEbyE	0.5	ESE	.5	Calm	--------	ESE	1
5	ENE	.5	Calm	--------	Calm	--------	NE	1	NE	1	NE	1.5
6	Calm	--------	N	3	N	3.5	N	4	N	4.5	NNE	2.5
7	NNE	1	N	1.5	NNE	1	NNE	1.5	ENE	3	E	2
8	ESE	2	ESE	2	ESE	1	ESE	4	ESE	3	ESE	2.5
9	SSE	2	SE	2	SSE	2	SE	1.5	SSE	2	SSE	1
10	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SSW	4
11	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
13	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
14	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
15	SbyE	.5	SbyE	.5	Calm	--------	SSE	.5	Calm	--------	Calm	--------
16	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
17	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
18	Calm	--------	NE	1	NE	.5	NE	1	NE	.5	Calm	--------
19	NNE	2	NNE	1	NNE	2	Calm	--------	Calm	--------	Calm	--------
20	Calm	--------	NE	.5	Calm	--------	Calm	--------	Calm	--------	NNE	.5
21	Calm	--------	ESE	.5	NNE	.5	NNE	1.5	NNE	1.5	NNE	1
22	Calm	--------	ESE	2	SE	1	ENE	1	ENE	1	Calm	--------
23	ESE	.5	Calm	--------	ENE	1	ENE	1	ENE	.5	NE	1
24	SE	1.5	NE	1	NE	1	Calm	--------	Calm	--------	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	NE	.5	NE	.5	NNE	2
26	NNE	.5	NNE	.5	NNE	1	Calm	--------	Calm	--------	Calm	--------
27	N	2	NNE	1.5	Calm	--------	N	1	NNE	1	NNE	1
28	NNE	1	NNW	.5	N	1	N	1.5	NNE	1.5	NE	.5
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
30	Calm	--------	Calm	--------	Calm	--------	ENE	1	NNE	1	Calm	--------
31	NNE	1	NNE	1	NNE	.5	NNE	1	Calm	--------	NE	.5
Mean	------------	0.5	------------	0.6	------------	0.5	------------	0.8	------------	0.7	------------	0.7

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	W	2	S	3	SSE	3.5	SSE	6	SSE	2.5	SSE	2
2	N	2	WNW	5	WNW	1.5	S	1	N	1	E	.5
3	WSW	2	NNW	2	NNE	2	E	2	SE	6	SE	9.5
4	WSW	2	SE	3	E	1	NE	7.5	ENE	3	ENE	1
5	SW	2	NW	4	WbyS	3	Calm	--------	ENE	1	Calm	--------
6	N	9	NNE	6.5	NbyW	4.5	N	5	NNE	6	NNE	3.5
7	SE	2.5	ESE	4	SE	4	SE	5	ESE	4	ESE	4.5
8	SSE	2	SSE	2.5	Calm	--------	Calm	--------	SE	1	Calm	--------
9	SSW	3	SSW	3.5	SSW	2.5	SW	2	SSW	4	SWbyS	6
10	SW	6	SW	7	WSW	5.5	SW	4.5	WSW	3	WSW	6
11	WSW	5	WSW	4.5	WSW	6	WSW	7	WSW	5	WSW	5
12	W	4	W	4.5	WSW	3.5	WSW	3	WSW	2	WSW	4
13	WNW	2	WNW	3	W	5	WSW	3.5	SW	2.5	SW	4
14	WSW	3	WSW	4	WSW	4	WSW	2.5	SW	4.5	SW	5
15	WSW	5	WSW	1.5	WSW	4.5	SW	4	SW	4	SW	3
16	W	3.5	WSW	4.5	WSW	4	SW	3.5	WSW	4.5	WSW	4
17	WSW	5	W	4	W	4.5	WSW	3	ENE	1	Calm	--------
18	WNW	2.5	W	1.5	NW	3.5	S	5.5	SW	.5	Calm	--------
19	WbyN	4	W	4	W	2.5	WSW	.5	SSE	1.5	SSE	1.5
20	WNW	2	WNW	2	NNE	6	ENE	.5	Calm	--------	Calm	--------
21	SE	4	SE	6	SE	5	SE	2	SE	2	NE	1.5
22	WNW	4.5	WNW	4	WNW	4	W	2	SSE	2.5	ESE	6
23	WSW	1	NE	4.5	NW	7	Calm	--------	N	1.5	Calm	--------
24	WNW	4	WNW	5	W	2.5	S	2.5	ESE	5	SE	5
25	WNW	2	WNW	3.5	WNW	3	SSE	4	Calm	--------	SE	1
26	W	3	W	3	NNW	2	NE	1	NE	2	Calm	--------
27	NW	1.5	N	2.5	NNE	1	Calm	--------	Calm	--------	N	2
28	E	4.5	SSE	5	SSE	3.5	SSE	3	SSE	1.5	SW	4
29	SE	3	ESE	4	Calm	--------	N	1	Calm	--------	SE	1.5
30	NW	4.5	WNW	1.5	ESE	3	E	3.5	E	3	ENE	1.5
31	SE	5.5	SE	5.5	SE	3.5	Calm	--------	ENE	2.5	E	1.5
Mean	------------	3.4	------------	3.8	------------	3.4	------------	2.7	------------	2.5	------------	2.7

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	Calm	----------	SW	2	W	1.5	NW	3	WNW	1.5
Calm	----------	Calm	----------	NE	.5	W	1.5	WSW	4	W	2
NE	0.5	NE	0.5	W	2	WNW	3.5	WSW	2	SSW	4
Calm	----------	Calm	----------	WSW	2.5	SW	3.5	W	3.5	WSW	2.5
NE	.5	Calm	----------	SW	2	WSW	2	WSW	3	SW	3.5
N	.5	N	2.5	NNW	2	N	5	NNE	5	NNE	3
ESE	2.5	ESE	4	ESE	7.5	E	4.5	ESE	7.5	ESE	4
EbyS	3	EbyS	3	SSE	4.5	SE	8	SE	7.5	SE	5.5
S	3	SSE	2	SSW	7	SSW	3	SSW	4	SSW	4
SbyW	3	SbyW	1	S	1	SSW	1.5	WSW	5	WSW	5
Calm	----------	SSW	1.5	WSW	4	WSW	2.5	WNW	3	W	2
Calm	----------	Calm	----------	Calm	----------	WSW	2	W	3	WNW	3
Calm	----------	Calm	----------	Calm	----------	W	2	W	2	W	2
Calm	----------	SbyW	1.5	WSW	.5	WSW	1.5	W	3	WbyS	3
Calm	----------	SSW	1.5	Calm	----------	W	3	W	2	W	3
Calm	----------	Calm	----------	WNW	2	W	2	W	3	W	1
Calm	----------	NNE	1	WNW	2.5	NW	3.5	W	3.5	WSW	3
Calm	----------	E	1	WSW	3	WbyN	4	W	4	W	3
Calm	----------	SE	1.5	E	1	ENE	4	WSW	4.5	W	4.5
Calm	----------	S	1	W	1.5	WSW	2	WNW	3	WNW	4
Calm	----------	E	.5	ESE	5	ESE	4	SE	3	SE	3
Calm	----------	Calm	----------	Calm	----------	NW	3	WNW	4.5	W	5
NE	.5	Calm	----------	NW	2.5	NW	3	WNW	3	Calm	----------
Calm	----------	Calm	----------	ESE	1	ESE	3	SE	1	WNW	4
Calm	----------	Calm	----------	WSW	1	S	2.5	SE	1	SE	4
ENE	.5	NNE	1	NNE	1	WNW	3.5	WNW	3	WNW	3.5
NNE	1	Calm	----------	NE	1	Calm	----------	WNW	2	WNW	.5
NE	.5	Calm	----------	Calm	----------	SE	1	NNE	2	NW	3
Calm	----------	ESE	2	ESE	2	Calm	----------	SE	2.5	NNW	5.5
ENE	.5	Calm	----------	WSW	2.	WNW	3	W	3	WNW	3
Calm	----------	Calm	----------	NE	1.5	E	6	W	4	W	2
------------	0.5	------------	0.8	------------	2	------------	2.9	------------	3.4	------------	3.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SSE	1.5	Calm	----------	Calm	----------	E	0.5	E	1	ENE	1	1.3
Calm	----------	ESE	1.5	ESE	1.5	SEbyE	1	EbyS	1	EbyS	1	1.1
SE	5.5	SE	7	ESE	1.5	E	.5	Calm	----------	Calm	----------	2.2
E	2	ESE	2	ESE	2	ESE	.5	Calm	----------	Calm	----------	1.6
E	1	Calm	----------	E	1.5	NE	2.5	NE	2	NE	3.5	1.5
N	5	N	4.5	NNE	5.5	NNE	3.5	NNE	2	NNE	1.5	3.8
ESE	1.5	ESE	2	ESE	3	ESE	1.5	ESE	2	ESE	2.5	3.2
SSW	3.5	Calm	----------	Calm	----------	SE	.5	Calm	----------	Calm	----------	2.3
SSW	2	SSW	3	SW	3	SW	3	SW	5.5	SW	2	3
WSW	3.5	WSW	5	WSW	4	WSW	4	SSW	2	Calm	----------	3
WSW	2	WSW	2	WbyS	2	WSW	1.5	SWbyS	1	Calm	----------	2.2
WSW	3	SW	1.5	SW	1.5	Calm	----------	Calm	----------	Calm	----------	1.5
SW	3.5	SW	2.5	SSW	2.5	SW	1	Calm	----------	Calm	----------	1.5
SW	4	SW	2.5	SW	2	SSW	2	Calm	----------	Calm	----------	1.8
SSW	3	SW	3.5	SSW	2.5	SW	2	SSW	1	Calm	----------	1.9
NNW	1.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.4
Calm	----------	Calm	----------	Calm	----------	ESE	.5	ESE	.5	Calm	----------	1.3
Calm	----------	Calm	----------	Calm	----------	NE	.5	NE	.5	NE	2	1.4
SE	.5	ESE	1	ESE	1	SE	1	ESE	1	ESE	1	1.7
Calm	----------	Calm	----------	NW	1	NE	1.5	Calm	----------	Calm	----------	1.1
ENE	2	ESE	1	ESE	.5	Calm	----------	Calm	----------	Calm	----------	1.9
NE	5	ENE	2	Calm	----------	SE	1	ENE	.5	Calm	----------	2
Calm	----------	ESE	2	E	1.5	SE	1.5	SE	2	SE	1.5	1.5
SSE	1.5	SSE	1.5	SSE	1.5	SSE	1.5	ENE	1.5	Calm	----------	1.8
NNE	1.5	NE	1	Calm	----------	ENE	.5	ENE	.5	NNE	.5	1.2
Calm	----------	NE	1	NE	1	NNE	2	N	2	NNE	2	1.4
Calm	----------	N	2.5	N	2.5	NNE	3	N	3	NNE	2.5	1.3
SW	5	WSW	1.5	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.7
SE	2	ESE	1.5	Calm	----------	SE	1	Calm	----------	Calm	----------	1.1
ENE	2	E	2	ESE	1.5	ESE	1.5	ENE	1.5	Calm	----------	1.6
Calm	----------	Calm	----------	Calm	----------	ESE	1	Calm	----------	Calm	----------	1.5
------------	2	------------	1.7	------------	1.4	------------	1.3	------------	1	------------	0.7	1.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3	3.5	1.5	0.5	3	4	1.5	2	5.5	7	13.5	12
2	6	6	4	3	6.5	5	4.5	2	2.5	7.5	14	13
3	4	3.5	2.5	3	3.5	2.5	1	3	5.5	9.5	16	11
4	.5	2	2.5	3.5	1.5	1	.5	2.5	5.5	5.5	14	14
5	1.5	1.5	2	4	4	4.5	4.5	2.5	4	9	**14.5**	12.5
6	4.5	3	6	8	13	9	3	7	10	13	19.5	31
7	6	3.5	4.5	5	7.5	12.5	15	16	22	24	**27.5**	23
8	9	5.5	6.5	10.5	10.5	9	9.5	11	15	14	**26**	16
9	2.5	6	6.5	5.5	4.5	5	6	8	13	9	12	9
10	4.5	.5	1.5	1	6.5	10	10	8	2	3	16.5	24
11	0	0	0	0	0	0	0	2	10	13.5	15	14
12	0	1	0	0	0	0	0	2	2	3	9	15
13	0	0	0	0	.5	0	0	0	2	3	5.5	6.5
14	2	2.5	.5	1.5	1.5	1.5	2.5	3	5	6	12	13
15	2	2.5	4	2.5	3	5	5.5	3.5	6.5	8	14	14
16	1.5	1	1.5	.5	2	2	1	3	7	10	12	12
17	2	1	0	1.5	.5	0	2	6	11	12	14.5	16.5
18	2	5	7	7.5	5	2.5	2	2	7	11	13	**14.5**
19	7	6	7	3	.5	2.5	.5	1.5	10	12	18	**21**
20	5	7	2	2	1	1.5	1.5	2	9	9	15	13
21	1.5	2.5	2.5	9	11	6	3.5	2.5	12	17	15	13
22	1.5	8.5	5	5	4.5	2	1	2	7	10	17	17
23	4	1.5	3.5	6	2	1	1.5	2	4.5	13	**20**	7
24	5.5	5.5	5	2.5	.5	2.5	1.5	6	7	9	9	11
25	3	1	.5	2	3.5	4	1	1	3.5	4	10	9.5
26	2.5	2	6	1	3	.5	.5	4	7	6	**19**	12.5
27	8	7	5	3.5	3.5	3.5	4	4.5	2.5	3.5	14	7
28	6	3	2	7	9	6	4.5	.5	3	8	9	12.5
29	1.5	0	1	.5	0	.5	0	.5	3	6.5	6	8
30	2	2	1	1.5	3.5	4	3	0	5	9	16	15
31	3	2	2.5	3.5	3.5	1.5	2	3.5	5.5	8	13	7
Mean	3.3	3.1	**3**	3.4	3.8	3.5	**3**	3.7	6.9	9.1	14.5	13.7

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	8	2	2	4	4	5	3	2	2	2	5	3.4	10	15
2	3	3	6	6	6	9	9	7	9	9	8	4	6.6	7	20
3	2	1	2	4	10	8	9	9	9	10	10	10	7	5	55
4	3	2	6	5	5	6	8	9	8	5	5	3	5.4	8	25
5	5	4	8	6	5	6	5	9	9	10	8	10	7.1	7	35
6	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	20
7	10	7	10	10	10	10	10	10	10	10	10	10	9.8	**0**	**00**
8	8	8	9	9	10	10	10	10	10	10	10	10	9.5	**0**	**00**
9	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
10	9	10	10	10	10	9	10	7	8	7	6	10	8.8	6	00
11	7	9	8	9	7	8	5	5	7	6	9	8	7.3	6	20
12	3	5	3	2	2	3	4	3	2	2	2	2	2.8	11	00
13	2	3	4	2	2	2	2	2	1	2	2	1	2.1	**11**	**10**
14	3	3	4	2	2	2	2	1	1	1	1	1	**1.9**	10	30
15	4	4	4	3	3	3	3	1	1	5	4	2	3.1	8	45
16	1	4	6	3	2	2	2	2	2	2	2	7	2.9	10	10
17	1	1	4	3	3	1	2	2	3	7	9	9	3.8	8	50
18	3	3	3	3	3	4	6	6	6	9	10	9	5.4	7	30
19	2	6	4	4	3	4	5	3	3	2	3	3	3.5	10	35
20	3	2	4	5	8	8	8	9	9	8	5	5	6.2	6	40
21	4	8	8	5	6	5	4	5	4	4	3	2	4.8	7	25
22	1	1	2	2	2	2	3	3	3	6	10	9	3.7	9	15
23	3	2	5	7	7	7	8	9	10	8	7	8	6.8	5	10
24	4	4	6	8	8	8	9	10	10	9	8	8	7.7	5	30
25	8	9	8	8	8	8	8	8	9	9	9	9	8.4	2	00
26	6	5	5	8	8	7	10	10	10	10	10	10	8.2	4	05
27	9	8	4	8	9	10	10	10	10	10	10	10	9	1	50
28	10	10	8	9	7	7	4	3	5	5	7	6	6.8	7	10
29	3	3	3	4	5	8	6	8	8	6	3	4	5.1	7	15
30	1	1	1	2	4	4	5	6	5	6	6	4	3.8	7	55
31	2	4	5	4	8	8	7	9	10	10	10	8	7.1	5	35
Total														200	30
Mean	**4.6**	5.1	5.5	5.6	6	6.2	6.4	6.4	6.6	**6.8**	6.7	6.7	6.1	6	28

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
13	14	15	**19**	18	17	13	6	1.5	2.5	4	5	7.7
15	12	9	10	9	3	8	7	8.5	7.5	7.5	4.5	7.3
8.5	12.5	13	13	15	22.5	17.5	**23**	15.5	5.5	3	1	9
10	9.5	9.5	14	**17.5**	9.5	8.5	5.5	3.5	5	1	0	6.1
13	14	14	8.5	10.5	13	9	6.5	4.5	3.5	7.5	9.5	7.4
30	**34**	29.5	27.5	28	22	17	17	16.5	14.5	11	8	**15.9**
22	17	16	18.5	15.5	12	11	11.5	8.5	9.5	8.5	6.5	13.5
8.5	9.5	5	1.5	4	1	2.5	4.5	0	1.5	2.5	.5	7.6
10	15	14	7	9	20	**21**	10.5	8.5	6	16	16	10
27	25.5	25.5	25.5	24	24	20.5	20.5	16.5	15	11	3.5	13.6
15	21	**26**	24	**26**	20	16.5	8.5	8	5	3.5	.5	9.5
16	19	17.5	17.5	**20**	15	8.5	5.5	5	1	0	.5	6.6
10	15	16	18	**19**	17	18	**19**	10	7	2	2	7.1
12	13	17	20	20	**21**	19	15	10	7	2	.5	8.6
21	15	19	**25**	23	17	17	16	11	7	2	2.5	10.2
14	16	21	22	**29**	24	8	3	0	1	0	0	8
18	16	17.5	**21**	13.5	6	3	1	1.5	3.5	4	2	7.2
14.5	13	14	9.5	13	5	.5	2.5	1.5	4	3.5	4.5	6.8
17	15	8.5	6	8.5	8	6	6	4	6	5	4	7.6
10.5	8.5	**17**	9	4	4	3	.5	2.5	6	2	1.5	5.7
18	16	**18**	16	16	10	6.5	3.5	2.5	1	.5	1.5	8.5
18	13	13	12	8	15	**19**	18	3	3.5	3	.5	8.6
7	12	16	5	5	.5	1.5	6	6.5	7.5	8	9	6.2
17	14	12	10	15	13	9	9	5.5	5.5	5	1.5	7.6
6.5	9	10	**14**	4.5	6.5	6	3	1	4.5	1.5	2.5	4.7
15	15.5	11	3	4	1	1	3	4	7	14	12	6.4
8	5	7.5	2.5	1	5	4.5	10.5	13	**17**	12	14	6.9
6.5	13	**16**	11	9.5	14.5	15	12	3.5	2.5	1	1.5	7.4
11	**17**	8	12	5	1	6	7	2	4	3	2	**4.4**
16.5	10.5	9	16	11	9	9	8	6	7	6	2	7.2
17	**20**	16	14	12	10	3	3	1.5	3.5	3	1	6.6
14.4	14.8	**14.9**	13.9	13.5	11.8	9.9	8.8	6	5.8	4.9	3.9	8.1

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1			2		3			5	1		1		2	1	1		8	185	6.3	
2	2		3		2	4	2		1			1	2	2			5	175	4.1	1
3		2	5		2	2	4			1		2	1	1		1	3	215	4.3	
4			2	3	2	5	1				1	3	1				6	146.5	4.5	
5			7	2	2						3	2	1		1		6	178	4.9	
6	12	10														1	1	**382**	1.7	6
7	1	3		1	2	14	3											323	3.5	2.1
8						8	5	3		1							7	183.5	1.7	**9.8**
9							2	5	1	10	6							240	**1.3**	3.9
10									1	5	3	9					6	326	3.4	4.9
11										1	1	11	2	1			8	228.5	**7**	
12											2	6	3	1			12	157.5	4.5	
13										1	5	1	4	2			11	170.5	5	
14										2	5	6	2				9	207.5	4.3	
15								1	2	4	5	3	3				6	246	4.1	
16											1	4	4	1		1	13	191.5	4.4	
17		1		1		2						3	3	1	1		12	174	4.8	
18		1	6		1				1		1	1	3	2	1		7	164	4.5	
19		3		1	1	4	3	2				2	3	1			4	183	6.1	
20		2	2	1					1			1	1	4	1		11	136.5	3.3	
21		4	1	1	1	5	7										5	205	6.6	
22			1	4		2	2	1					2	4	1		7	206.5	6.8	
23	1		3	3	1	2	3					1		1	3		6	150	4.7	
24			2	1		3	3	4	1				1	3			6	181.5	5.7	
25		3	3	2			3	1	1			1		3			7	112	4.3	
26	1	7	4	1									2	3		1	5	154.5	2.6	2
27	7	7	1											2	1		6	166	**1.3**	1.1
28	2	3	2		1		1	4			2	1			1	1	6	176.5	3.8	9.7
29	1					4	5									1	13	**105.5**	4.4	
30		1		5	3	3						1	1	3	1		6	172	5.6	
31		4	2	1	2	1	3						2				9	159	5.1	
Total	27	51	46	27	23	59	47	26	10	25	36	59	43	36	12	6	211	6,001.5	134.6	40.5
Mean	0.9	1.6	1.5	0.9	0.7	1.9	1.5	0.8	0.3	0.8	1.2	1.9	1.4	1.2	0.4	**0.2**	**6.8**	193.6	4.3	1.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	758. 95	11. 00p.	34. 5	1. 35p.	**78**	19. 9	755. 62	4. 00p.	23. 5	5. 35a.	51	16. 2
2	59. 55	10. 25p.	33. 5	3. 55p.	87	22. 7	56. 25	3. 45p.	22	5. 50a.	54	16
3	60. 45	10. 30p.	33. 2	2. 55p.	87	22. 9	57. 60	3. 10p.	21. 6	5. 30a.	59	16. 1
4	59. 75	0. 05a.	33. 2	2. 50p.	89	22. 6	56. 20	4. 30p.	22. 2	5. 30a.	55	17. 4
5	58. 75	8. 40a.	34	1. 55p.	88	22. 5	55. 10	3. 15p.	23. 3	5. 40a.	55	18
6	**57.55**	9. 00a.	29. 3	9. 20a.	92	22	**54.85**	4. 55p.	23. 9	11. 50p.	75. 5	18. 4
7	57. 90	9. 00p.	**29**	10. 55a.	93	22. 5	**54.85**	3. 35a.	23. 9	0. 10a.	70. 5	20
8	57. 85	10. 55p.	31. 1	10. 30a.	**98**	24. 4	55. 20	4. 40a.	24. 7	3. 35a.	70. 5	19. 8
9	57. 75	10. 05p.	29. 5	0. 35p.	**98**	24. 6	55. 40	3. 40a.	24. 6	7. 15a.	**77**	20. 9
10	58. 75	10. 55p.	31. 5	2. 05p.	95	24. 8	56. 05	2. 35a.	**24.8**	2. 10a.	75	**21.9**
11	60. 15	10. 30p.	31. 9	2. 30p.	94	23. 5	57. 25	3. 55p.	24. 5	5. 45a.	71	21. 4
12	60. 55	10. 20p.	33. 2	3. 05p.	97	23. 4	57. 65	4. 00p.	23. 6	5. 50a.	62	20. 8
13	60. 19	9. 00a.	33. 5	3. 20p.	92	23. 9	57	4. 00p.	23. 7	5. 20a.	63	20
14	59. 40	8. 30a.	32. 8	3. 05p.	92	24. 3	56. 35	3. 25p.	23. 4	5. 30a.	66	19. 5
15	59. 90	10. 10a.	32. 9	2. 45p.	94	**25**	56. 90	3. 10a.	23. 9	5. 20a.	68	19. 3
16	61	9. 55p.	32. 9	3. 35p.	95	24. 4	**57.90**	3. 45p.	23. 8	5. 30a.	65	19. 9
17	60. 80	10. 25p.	34	2. 40p.	89	23. 2	57. 37	3. 00p.	23. 1	5. 10a.	57	18. 1
18	**61.05**	10. 15p.	**35.4**	3. 50p.	91	23. 6	57. 35	3. 25p.	23. 7	4. 55a.	61	19. 7
19	60. 75	0. 05a.	34. 8	3. 45p.	89	22	57. 85	4. 15p.	23. 2	5. 05a.	49. 5	18. 5
20	60. 45	9. 05a.	34. 1	1. 20p.	94	23. 7	57. 72	4. 00p.	23. 6	5. 25a.	65	18. 9
21	59. 80	9. 40a.	35	2. 40p.	91	22. 4	57.20	4. 15p.	22. 9	11. 55p.	48	16. 4
22	59. 75	8. 10a.	34. 9	3. 55p.	81. 5	**19.4**	56. 85	3. 35p.	**20**	5. 15a.	47	**14.1**
23	59. 15	0. 05a.	34. 3	1. 30p.	84	23. 7	56. 15	4. 55p.	23. 6	5. 05a.	59	18. 2
24	58. 65	9. 20a.	34. 5	2. 30p.	84	22	55. 85	3. 20p.	23. 1	5. 30a.	52	17. 9
25	59. 80	10. 30p.	34. 8	0. 20p.	85	22. 2	57	2. 50p.	23. 7	5. 05a.	53	18. 7
26	60. 70	10. 50p.	34	0. 25p.	93	23. 2	**57.90**	1. 40p.	23. 7	5. 35a.	64. 5	19
27	60. 15	8. 40a.	32. 2	10. 10a.	93	23. 4	57. 80	2. 30p.	23. 8	5. 50a.	69	20. 4
28	59. 55	0. 05a.	**35.4**	2. 55p.	96	23. 5	56. 25	3. 35p.	23. 5	6. 05a.	**45**	17. 7
29	59. 35	11. 45p.	34. 9	1. 35p.	91	22. 9	56. 55	2. 45p.	22. 7	5. 05a.	58	18
30	60. 10	10. 40p.	34. 9	3. 40p.	94	20. 6	57. 20	4. 25p.	22. 1	5. 40a.	47	17. 5
31	60. 55	7. 55a.	35	1. 15p.	88	22. 9	56. 94	4. 00p.	22. 5	5. 30a.	55	17. 7
Mean	759. 65	--------	33. 4	--------	90. 7	23	756. 65	--------	23. 3	--------	60. 2	18. 6

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----●° in the afternoon.
3----Gusty SE winds, ⌒, d°, in the evening.
4----≡° in the morning.
5----⚡ NW in the evening.
6----●° in the morning and at night; gusty Nly winds in the afternoon.
7----●° in the early morning; d in the morning and afternoon, somewhat gusty NNE winds veering gradualy to ESE.
8----Somewhat gusty SE winds in the morning; ⛈ ESE, N in the afternoon; ● in the afternoon and night.
9----●°, somewhat gusty SSW winds in the morning and afternoon.
10----● in the early morning; somewhat gusty SWly winds in the forenoon and afternoon.
11----Somewhat gusty WSW winds in the afternoon.
12----Fair weather.
13----As yesterday.
14----Do.
15----Do.
16----Do.
17----⊤ NE quadrant in the afternoon.
18----⛈ NE, ⛈° SSW in the afternoon.
19----Cloudy weather.
20----p°, near ⊤ in the afternoon.
21----Somewhat gusty SE winds in the afternoon.
22----⌒ in the afternoon.
23----Coloration of clouds at sunrise and sunset; p°, somewhat gusty NW winds in the afternoon.
24----Slight coloration of clouds at sunset.
25----⊤ NE, NW in the afternoon.
26----⛈ NE quadrant, ●° in the afternoon.
27----⊤ N quadrant, d in the afternoon; ●° at night.
28----≡ in the morning; ⚡° S, ● at night.
29----⛈° NE in the afternoon; ⚡ NW in the evening.
30----Cloudy weather.
31----Overcast.

OBSERVATIONS FOR JUNE, 1913.

ATMOSPHERIC PRESSURE, $700^{\text{mm}}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.80	58.30	58.30	58.10	58.40	59.02	59.27	59.49	**59.52**	59.41	59.01	58.45
2	58.40	58.35	58.30	58.20	58.30	58.59	58.89	58.87	58.98	58.86	58.39	57.92
3	58.70	58.15	57.90	57.95	57.95	58.13	58.62	58.74	**58.88**	58.77	58.31	57.70
4	57.35	57.10	56.95	56.70	56.85	57.09	57.57	57.77	57.92	57.66	58.27	57.23
5	57.45	56.80	56.60	56.50	56.80	57.08	57.51	57.88	57.66	56.90	56.42	56.07
6	57.20	56.55	56.65	56.55	57	57.39	57.98	57.82	57.99	58.14	57.71	57.41
7	57.65	57.40	57.20	57.10	57.45	58.08	58.18	58.31	58.13	57.92	57.90	57.41
8	57.70	57.75	57.80	57.55	57.60	57.98	58.07	58.64	58.56	58.48	58.17	57.67
9	58.60	58.50	58.50	58.40	58.50	59.07	59.24	58.97	59	58.85	58.45	57.95
10	59.15	58.75	58.65	58.80	58.55	58.92	59.10	59.37	59.19	58.98	58.62	57.95
11	59.60	59.30	59.20	59	59.25	59.49	59.52	**59.74**	59.65	59.43	59.18	58.25
12	58.40	58.20	58.05	58.20	58.65	59.30	**59.55**	59.47	59.27	58.94	58.51	57.86
13	58.65	58.45	58.05	58.15	58.45	58.99	59.44	59.42	59.17	58.91	58.55	58.15
14	59.10	58.85	58.75	58.65	58.55	58.75	58.77	58.73	58.63	58.35	57.95	57.51
15	58.95	58.60	58.60	58.40	58.65	58.69	59.03	58.82	58.69	58.46	58.40	58.20
16	58.70	58.40	58.10	57.85	57.95	58.24	58.44	58.52	58.49	58.52	58.42	57.67
17	59	58.85	58.45	58.40	58.30	58.34	58.54	58.96	59.18	59.18	58.81	58.43
18	60.15	59.60	59.70	59.55	59.35	59.69	60	60.03	59.96	59.77	59.54	59.17
19	60.65	60.50	60.45	60.35	60.65	61.15	61.38	**61.57**	61.53	61.53	61.18	60.90
20	60.45	60.30	60.25	60.30	60.45	60.79	**60.99**	60.92	60.88	60.62	60.32	59.87
21	59.55	58.95	58.85	58.80	58.85	59.13	59.97	**60.29**	60.26	59.93	59.59	59.21
22	59.20	59.05	58.80	58.80	58.60	58.82	59.11	59.44	59.64	59.46	59.26	58.97
23	59.70	59.55	59.40	59.45	59.65	60.03	60.08	60.32	**60.33**	60.11	59.80	59.67
24	59.35	59.20	59.30	59.45	59.70	59.59	59.89	59.98	60.07	59.97	59.70	59.30
25	60.25	59.60	59.30	59.45	59.45	59.83	60.03	60.67	**60.72**	60.57	60.27	60.12
26	60.35	60.10	60.05	59.80	59.75	59.83	60.30	**60.72**	60.43	60.16	59.57	59.24
27	59.05	58.80	58.95	58.80	59	59.22	59.37	59.39	59.39	59.39	59.07	58.64
28	59.45	59.50	59.25	59.45	59.80	60.13	60.54	60.79	60.97	60.83	60.24	59.71
29	**61.15**	60.90	60.50	60.45	60.25	60.29	60.30	60.77	60.94	61.03	60.91	60.58
30	59.85	59.45	59.30	59.05	59.05	59.04	59.24	59.57	**59.90**	59.73	59.16	58.59
Mean	59.08	58.79	58.67	58.61	58.72	59.02	59.30	59.47	59.46	59.30	58.99	58.53

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.5	24.5	24.2	23.7	**23.5**	23.7	27.9	30.2	31.4	31.7	30.4	32.3
2	24.8	24	**23.2**	**23.2**	**23.2**	**23.2**	26.9	29.1	30	31	31.6	31.8
3	25.2	24.4	24.2	23.6	**23.2**	23.4	27	29.3	30.2	30.5	31.5	32.3
4	26.4	25.9	25.6	25.1	24.9	25.1	26.2	29.4	32.1	33	34	34.5
5	24.7	24.4	24.3	24.2	**24.1**	24.5	26.6	28.3	30.2	31.9	31.2	32.9
6	**24.4**	24.5	25	24.9	25.2	24.9	25.4	26.4	27.9	28.6	30.6	30.6
7	25.8	25.1	25	25	**24.6**	24.9	26.2	28.8	29.9	31.3	31.7	31.8
8	25.7	25.6	25	24.3	**24**	24.2	26.2	29.2	31.1	32.1	32.3	33
9	24.7	24.7	24.3	23.8	**23.5**	23.7	27.3	29.5	30.5	31.5	32.3	33.2
10	24.7	24.4	24	23.8	**23.5**	23.9	26.3	28.1	29.5	31.3	32.1	32.9
11	24.6	**24.2**	24.6	24.3	24.4	24.8	25.7	26.5	28.6	29.5	30	31.8
12	25.5	24.8	24.6	24.3	**23.8**	**23.8**	26	28.6	30	31.1	31.9	32.4
13	24.7	24.4	24.5	24.4	**24.3**	24.5	27.9	29.1	30.5	31.6	31.6	32.7
14	25.3	25.3	25.1	25.1	**24.8**	24.9	26.4	28.6	30.3	31.4	32.2	33.3
15	**24.6**	**24.6**	24.7	24.8	**24.6**	24.7	25.6	28.3	29.1	30.9	31.7	31
16	25.3	25.1	24.8	**24.6**	**24.6**	24.9	27.2	28.7	29.4	30.3	30.5	32.2
17	24.9	25.1	25	24.7	24.3	24.4	26.8	28.3	29	29.8	30.3	30.8
18	**23.3**	**23.3**	23.5	23.5	**23.3**	23.8	25.7	27.7	28.5	29.8	30.8	31.8
19	25.1	24.7	24.8	24.5	24.7	24.7	25.8	25.5	27	29.6	30.5	30.9
20	23.3	23.1	23.2	23.1	**23**	23.1	25.3	28.7	29.7	30.7	29.6	30.5
21	25	24.6	24.3	24	**23.9**	24.1	26.9	29.3	29.6	30.5	30.3	31
22	26.2	25.7	25.3	25.3	**25.2**	**25.2**	28.2	28.1	30.9	31	31	31.3
23	25.5	25.2	25.5	25.3	**25.1**	**25.1**	28.1	29	29.9	30.7	31.2	31.5
24	25.2	25	24.9	24.7	**24.5**	**24.5**	27.5	29.6	30	30.7	30.8	**31.8**
25	25	25	24.7	24.8	24.3	**24.2**	26.1	28.1	29	29.2	**30.7**	28.3
26	24.4	24.1	23.6	23.3	**23.1**	23.2	25.1	27.2	29.7	30.2	30.4	30.3
27	24.8	24.7	24.5	23.9	23.8	**23.7**	25.6	27.2	30.2	29.8	29.8	32.1
28	24.1	24.3	23.9	23.6	**23.3**	**23.3**	25.3	26.3	27.1	28	29.3	30.1
29	**23.7**	23.8	24	24	24	24.1	25.5	27.3	29	29	30.2	30.6
30	25	24.6	**24.5**	24.7	24.6	24.7	26.1	27.4	28.4	29.3	30	30.5
Mean	24.9	24.6	24.5	24.3	**24.1**	24.2	26.4	28.3	29.6	30.5	31	31.7

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.75	57.08	56.51	**56.25**	56.36	56.94	57.75	58.40	58.80	59.10	59.15	58.75	58.29
57.45	56.97	56.73	56.60	**56.56**	57.12	57.70	58.35	58.65	59.05	**59.15**	59.05	58.14
57.19	56.27	55.76	**55.63**	55.69	56.10	56.59	57.10	57.40	57.60	57.85	57.70	57.53
56.59	55.60	**55.23**	55.56	55.77	56.54	57.39	58.75	58.70	**58.95**	58.50	58	57.25
55.42	54.78	**54.13**	54.32	54.75	55.48	56.19	56.30	56.90	57.90	**58.05**	57.35	**56.47**
56.44	56.22	**56.11**	56.16	56.57	57.09	57.12	57.50	57.60	57.90	**58.20**	57.95	57.22
56.90	56.72	56.19	56.17	**56.12**	56.70	57.25	57.75	57.95	58	**58.35**	58	57.45
57.45	56.75	**56.19**	56.35	56.62	57.12	57.70	58.40	58.90	58.90	**59**	58.80	57.84
57.28	56.73	**56.57**	56.78	56.86	57.75	58.21	58.75	59.05	59.60	**59.65**	59.35	58.36
57.37	57.32	**56.95**	57.22	57.51	57.86	58.35	59.35	59.95	**60.10**	60.05	59.85	58.66
57.50	56.99	56.45	**56.32**	56.80	57.05	57.70	58.30	58.70	58.90	59	58.55	58.49
57.47	56.92	**56.30**	**56.30**	56.35	57.15	57.65	59.05	59	59.25	59.40	58.90	58.26
56.46	57.05	**56.70**	56.80	57.30	57.71	58.77	59.05	59.35	**59.80**	59.60	59.50	58.44
56.96	56.75	**56.18**	56.42	56.83	57.40	58.06	58.85	59.35	59.65	**59.75**	59.40	58.26
57.64	56.79	56.65	**56.40**	57.65	57.23	57.75	58.35	58.90	59.45	**59.75**	59.30	58.31
57.09	56.37	56.06	**55.86**	55.99	56.64	57.81	58.55	**59.50**	59.15	59.35	59.30	57.96
57.85	57.35	56.88	**56.65**	57.21	57.55	58.10	58.80	59.85	**60.75**	60.55	60.40	58.60
58.69	58.07	57.67	**57.66**	58.12	58.42	59.52	59.90	60.55	60.90	60.95	**61**	59.50
59.96	59.26	58.61	**58.57**	59.50	59.97	60.18	60.30	60.75	60.90	61.05	60.90	**60.49**
59.31	58.70	58.53	58.65	**58.47**	58.71	59.26	59.65	60.35	60.50	60.20	59.85	59.93
58.65	57.77	**57.59**	57.69	57.74	58.14	58.24	58.90	59.30	59.35	59.60	59.45	58.99
58.60	58.22	57.90	**57.80**	58	58.71	59.15	59.30	59.85	**60.35**	**60.35**	60.10	59.06
59.12	58.72	58.60	58.33	**58.26**	58.53	58.62	59.05	59.50	59.80	59.80	59.70	59.42
58.46	**58.21**	58.35	58.27	58.30	58.91	59.42	59.70	60	60.65	60.55	**60.70**	59.46
59.24	59.52	58.69	**58.56**	58.57	58.93	59.21	59.60	60.10	60.15	60.45	60.40	59.74
58.62	57.90	**57.47**	57.60	57.97	58.55	59.01	59.20	59.45	59.45	59.70	59.35	59.36
57.83	58.07	58.13	58.14	58.43	58.78	59.29	59.60	60	**60.05**	**60.05**	59.70	59.05
59.12	58.53	58.85	**58.32**	59.07	59.72	61.17	61.35	61.60	**62.15**	61.95	61.45	60.16
60.21	59.17	58.51	**58.44**	58.70	59.05	59.57	59.90	60.15	60.65	60.75	60.35	60.15
57.57	56.90	**56.30**	56.60	57.45	57.57	58.17	58.70	59.50	59.60	59.60	59.45	58.72
57.87	57.39	57.03	**57.01**	57.32	57.78	58.36	58.89	59.32	59.62	**59.68**	59.42	58.65

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
34	32.3	**34.3**	**34.3**	32.6	30.4	28.8	27.5	26.6	25.9	25.7	25.3	28.6
31.9	32.2	**35**	34.1	30.8	29.7	28.2	27.5	27.5	27.2	26.6	26.5	28.3
32.6	**33.7**	33.1	33.1	31.8	29.8	28.7	28.2	27.9	27.7	27.6	26.9	28.6
35.1	**35.8**	33.7	31.6	31.4	29.6	28.8	24.9	24.3	24.1	**24**	**24**	28.7
33.4	**33.8**	33.7	31.3	31.1	30	28	27.3	26.3	25.4	24.5	24.2	28.2
31.5	32.3	**33.1**	32.2	30.4	29.5	27.8	27.6	26.7	26.1	26	26	27.8
30.9	**32.2**	32.1	31.9	30.7	29.3	29.2	27.7	27.1	26.5	26.2	25.6	28.3
33.3	31.8	32.5	30.8	31.3	29.9	28.6	28.3	27.2	26.4	25.7	25.3	28.5
34.1	34	31.5	28.8	29.4	28.6	28.6	26.5	25.7	25.4	25.4	24.8	28
33.5	30.7	30.4	29.8	25.7	26.1	25.4	25.6	24.7	24.6	24.1	24.2	27.1
32.2	32.7	**33.4**	33.2	31.4	30	28.5	27.6	27.2	26.6	26.5	26.6	28.1
33.1	**33.4**	32.3	30.2	32.2	30.2	29.5	24.5	25	25.1	25.2	25.2	28
33.3	33.2	29.7	32.1	29.7	28	27.9	27	26.3	25.9	25.5	25.5	28.1
33.4	34	**34.2**	31.7	28.6	27.3	27.6	27.1	25.8	25.5	25.1	**24.8**	28.2
32	**33.2**	31.2	31.2	30	28.9	28.6	28.6	28.3	27.5	26.5	25.5	28.2
31.9	32.5	32.6	**33**	31.2	30	25.8	25.1	25.3	24.8	24.8	24.8	27.9
31.2	31.7	**32.1**	30	29.4	29.2	28.7	28.8	27.3	24	23.5	**23.4**	27.6
32.1	**32.9**	31.1	30	29.5	29.6	27.4	25.9	25.4	25.5	25.4	25.3	27.3
31.5	29.3	30.7	31.3	29	26.4	24.9	24.5	24.2	24.1	**23.6**	**23.6**	26.7
31.3	**31.4**	30	29.9	29.5	28.9	28.6	29.2	27.5	26.3	25.7	25.3	27.4
31.5	31.9	**32.1**	**32.1**	30.9	29.1	28.5	28.4	28.2	28	28.1	27.7	28.3
31.7	**32.2**	32.1	32	31.2	29.6	28.9	28.9	28.4	28.3	27.3	26.1	**28.8**
32.2	30.8	30.1	30	31.1	29.6	28	27.1	27.7	26.8	26	25.7	28.2
31.8	31	29.3	28.5	28.3	27.8	27	26	26	25.8	25.8	25.6	27.6
30.1	25.9	27.2	28	28	27.2	26.1	25.7	25.5	25.2	24.9	24.5	26.6
31.3	32.7	**32.8**	30.2	28.8	27.5	26.8	26.2	25.5	26.1	25.4	25.4	27.2
32.3	29.8	26.2	25.4	25.7	25.7	25.5	25.3	25.1	25	24.5	24.3	26.5
31.2	30.6	29.3	**31.2**	29.3	28.2	24.1	23.4	23.6	23.7	23.8	23.6	**26.3**
31.9	31.7	32.1	**32.2**	31	29.1	27.6	28.3	28.1	27	26.2	25.4	27.7
31.2	**32.8**	29.3	30.1	27	26.8	25.9	25.6	25.8	25.7	25.5	25.5	27.1
32.2	32.1	31.6	31	29.9	28.7	27.6	26.8	26.3	25.9	25.5	25.2	27.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**83**	82	**83**	**83**	**83**	82	78	64	58	60	61	57
2	72	75	78	79	**80**	**80**	72	65	60	61	61	62
3	82	**85**	82	82	80	78	73	68	66	66.5	68	61.5
4	84	88	90	91	90	89	87	70	64	59	56.5	55
5	91	91	91	90	91	87	86	83	68	64	69	65
6	91	**96**	95	**96**	92.5	93	94	89	84	83	72	70
7	90	**92**	91	88	91	88	86	75.5	73	67	66	64
8	82	83	85	83	85	83	82	70	67	60	60	61
9	92	89	92	**94**	92	91	82	70	67	61	55.5	52
10	85	86	87	87	89	88	86	84	79	64	61	**56**
11	95	94	92	**97**	**97**	95	95	90	82	78	71	65
12	88	92	92	92	91	90	85	75	70	69	59	57.5
13	**94**	92	91	91	93	**94**	88	83	72	66	**61**	62
14	**91**	90	89	89	88	87	83	78	73	67	63	62
15	89	89	88	88	91	92	**93**	85	70	69	67	67
16	93	95	**97**	**97**	94	96	89	80	75	72	72	66
17	95	95	95	**97**	**97**	**97**	91	82	78	74	74	71
18	95	95	95	95	**97**	96	93	83	83	77	71	66
19	92	92	90	89	92	93	**95**	94	85	76	71	72
20	91	91	90	88	89	90	88	77	74	68	68	67
21	**92**	**92**	89	91	91	90	85	77	76	74	73	69
22	93	95	**97**	**97**	96	**97**	85	86	**66**	72.5	70	68
23	**95**	**95**	94	93	93	92	84	80	80	76	74	71
24	91	90	90	91	91	91.5	84	81	75	70.5	68	**62**
25	92	92	92	91	93	93	89	80	80	78.5	**70.5**	85
26	95	95	95	**97**	**97**	**97**	92	83	70	68	66	65
27	92	94	94	92	92	94	88	78	69	70	70	63
28	95	92	92	93	93	92	88	87	85	81	76	75
29	**97**	**97**	96	**97**	96	96	93	80	77	76	68	70
30	**96**	94	94	92	92	91	87	79	77	74	73	72
Mean	90.4	90.9	90.9	91	**91.2**	90.8	86.7	79.2	73.4	70.1	67.2	65.3

VAPOR PRESSURE (^{mm}).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19	18.8	18.7	18.1	17.8	17.9	**21.8**	20.3	19.8	21	19.6	20.4
2	16.7	16.7	**16.5**	16.6	17	17	18.9	19.4	18.9	20.4	21.1	21.8
3	19.5	19.3	18.5	17.8	16.8	**16.7**	19.3	20.6	21.1	21.5	**23.3**	22.1
4	21.5	21.8	22	21.5	21	21.1	22	21.2	22.6	22.1	22.3	22.3
5	21	20.7	20.5	20.2	20.2	**20**	22.2	23.7	21.7	22.6	23.5	24.2
6	**20.6**	21.9	22.4	22.4	22	21.8	22.7	22.7	23.4	**24**	23.6	22.7
7	22.3	21.7	21.3	20.8	20.8	20.6	21.8	22.2	22.7	22.7	**22.9**	22.2
8	20.1	20.2	20	18.8	18.8	**18.7**	20.8	21	22.7	21.4	21.7	22.9
9	21.4	20.6	20.9	20.6	19.8	19.7	22.1	21.6	21.8	20.9	20	19.7
10	19.6	19.4	19.3	**19.1**	**19.1**	19.4	21.9	23.7	24.1	21.7	21.8	20.7
11	21.8	21.1	21.1	21.8	22.1	22.1	23.3	23	**23.8**	**23.8**	22.3	22.7
12	21.3	21.3	21.1	20.9	19.8	19.7	21.1	21.9	22.1	**23.1**	20.7	20.8
13	21.8	21	20.7	20.8	21	21.5	24.7	**24.8**	23.2	22.8	21.1	23
14	21.8	21.5	21.1	21.1	20.5	20.5	21.3	22.6	23.3	22.9	22.6	**23.6**
15	**20.4**	**20.4**	**20.4**	20.5	20.8	21.2	22.5	**24.4**	21	23	23.3	22.3
16	22.2	22.5	22.5	22.4	21.6	22.4	**23.8**	23.3	22.9	23.2	23.5	23.7
17	22.2	22.5	22.4	22.3	21.8	21.9	23.8	23.6	23.3	23.1	23.6	23.4
18	**20.1**	**20.1**	20.4	20.4	20.5	20.9	22.7	22.9	23.9	24.1	23.4	23.1
19	21.9	21.2	20.9	20.3	21.2	21.5	23.5	22.8	22.5	23.3	23	23.8
20	19.4	19.1	18.9	**18.4**	18.5	18.8	21	22.5	22.9	22.2	20.9	21.8
21	21.7	21.2	20.1	20.1	**20**	**20**	22.4	23.4	23.3	23.9	23.3	22.9
22	23.4	23.3	23.1	23.1	22.8	23	24.2	24.3	**22**	24.2	23.3	23.1
23	23	22.6	22.8	22.3	22.1	21.9	23.7	23.7	**25.1**	24.8	24.9	24.3
24	21.6	21.2	21	21	**20.7**	20.9	23	24.9	23.8	23.1	22.4	21.8
25	21.7	21.6	21.4	21.1	21	**20.9**	22.5	22.6	23.7	23.6	23.1	24.2
26	21.6	21.1	20.5	20.5	20.5	**20.4**	21.9	22.2	21.6	21.6	21.4	20.8
27	21.5	21.8	21.5	20.3	**20.2**	20.5	21.6	20.8	22	21.8	21.8	22.5
28	21.1	20.9	20.3	20.1	19.8	**19.6**	21	22.1	22.7	22.7	22.9	**23.7**
29	21	21.2	21.2	21.6	21.2	21.4	22.4	21.5	22.9	22.5	21.6	22.7
30	22.5	21.6	21.5	21.2	21.1	21	21.8	21.4	22.3	22.5	22.9	23.2
Mean	21.1	20.9	20.8	20.5	**20.4**	**20.4**	22.2	22.5	22.6	22.7	22.4	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
52	57	**50**	**50**	54	58	63	69	71	74	70	72	**67.2**
60	62	**52**	56	71	72.5	75	76	76	75	77	77	69.8
58	**54**	56	58	65	73	74	77	77	76	79	81	71.7
52	**48**	59	70	71.5	79	83	87	**92**	88	90	90	76.4
61	**60**	**60**	73	69	75	77	80	84	**93**	89	90	78.6
68	61.5	**60**	65	74	77	84	84	83	89	89	90	82.5
66	**57**	**57**	60	59	68	66	74	78	79	79	81	74.8
59	70	68	71	69	71	75	77	83.5	86	92	**93**	75.6
53	**51**	66	81	71	76	75	82.5	84	78	80	83	75.8
58	74	78	82	90	**100**	99	93	97	97	98	98	84
61	**59**	60	61.5	66	74	77	81	80	83	83	80	79.9
55	**52**	57	69	60	69	74	86	87	91	**92.5**	92	76.9
61	64	77	69	75	73	87	86.5	87	90	92	91	80.8
58	54	**53**	66	78	82	81	85	86	86	87	87	77.6
67	**64**	65	66	73	79	79	76	82	87	91	**93**	79.6
66	63	**62**	63	69	69	90	95	95	91	90	92	82.1
69	**66**	67	74	80	78	81	80	91	96	95	92	84
68	**64**	70	77	79	77	84	92	95	93	93	93	84.6
69	72	70	73	78	78	86	88	89	86	91	91	83.8
61	64	75	73	77	79	81	77	88	94	94	**96**	80.8
68	**59**	63	69	74	78	80	81	85	86	86	85	79.7
69	67	69	69	72	75	76	76	82	82	86	94	80.8
66	74	71	73	69	72	75	81	82	87	88	88	81.4
64	76.5	78	80	82	84	90	90	90	**92**	**92**	88	83
81	93	91	82	81	86	89	91	91	92.5	94	**96**	**87.6**
64.5	**59**	61	71	77	81	83	89.5	93	88	89	90	81.9
60	73	91	94	94	94	96	**97**	92	**97**	96	96	86.5
69	72	72	**66**	76	74	89	95	95	94	**96**	**96**	85.1
59	65	66	65	69	78	84	78	79	83	88	93	81.2
67	**61**	75	77	77	77	85	86	86	87	88	88	82.3
63	63.9	66.6	70.1	73.3	76.9	81.3	83.7	86	87.4	88.5	89.2	79.9

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
20.6	20.4	20.3	20.3	19.8	18.8	18.6	18.9	18.5	18.4	**17.2**	17.3	**19.3**
21.1	22.2	21.5	22.1	**23.3**	22.4	21.3	20.8	20.6	20	19.8	19.9	19.8
21.1	20.8	21.2	21.9	22.8	22.6	21.7	21.7	21.5	20.9	21.5	21.3	20.6
21.9	21	22.9	24.1	**24.4**	24.2	24.3	20.5	20.9	**19.6**	19.9	19.9	21.9
23.4	23.6	23.4	**24.9**	23.3	23.8	21.5	21.5	21.3	22.5	20.3	20.2	22.1
23.3	22.1	22.4	23.3	23.7	23.7	23.2	22.9	21.7	22.2	22.3	22.5	22.6
22	20.5	20.1	21.1	**19.4**	20.5	19.9	20.5	20.8	20.3	19.8	19.7	21.1
22.3	**24.6**	**24.6**	23.3	23.4	22.2	21.7	22.1	22.4	22	22.5	22.2	21.7
21	20	22.9	**23.8**	21.6	22.1	21.9	21.2	20.7	**18.8**	19.2	19.4	20.9
22.5	24.2	25	**25.7**	22.1	25.1	23.9	22.5	22.3	22.4	21.9	22.1	22.1
21.7	21.7	23	23.3	22.5	23.4	22.2	22.1	21.4	21.5	21.4	**20.7**	22.2
20.6	19.7	20.4	22	21.6	22	22.6	**19.6**	20.4	21.5	22	21.8	21.2
23.2	24.1	23.7	24.4	23.3	**20.5**	24.2	22.9	22.1	22.4	22.2	22	22.6
22.3	21.3	21.2	23.2	22.7	22.1	22.3	22.7	21.2	20.9	20.5	**20.2**	21.8
23.8	24.1	21.9	22.4	22.9	23.4	23	22.1	23.3	23.8	23.4	22.6	22.4
23.2	23.1	22.6	23.7	23.5	21.7	22.3	22.5	22.7	21.1	**20.9**	21.5	22.6
23.2	23.2	23.8	23.4	24.3	23.4	23.7	23.4	**24.6**	21.2	20.4	**19.7**	22.8
24.2	23.9	23.5	24.2	**24.3**	23.8	22.6	22.8	22.9	22.6	22.5	22.3	22.6
23.7	21.9	22.9	**24.7**	23.3	19.9	20.1	20.1	19.9	**19.3**	19.8	19.8	21.7
20.6	21.8	23.8	23	23.7	23.4	23.5	23.2	**24.1**	24	23.1	23	21.7
23.3	20.7	22.5	24.4	**24.5**	23.2	23	23.3	24.1	24.2	24.3	23.5	22.6
24	23.9	**24.4**	**24.4**	24.3	23.2	22.4	22.4	23.5	23.6	23.1	23.4	**23.4**
23.4	24.6	22.6	22.9	23.3	22.3	**21.1**	21.6	22.7	22.8	21.9	21.7	23
22.2	**25.5**	23.5	23	23.6	23.5	24	22.5	22.5	22.7	22.7	21.4	22.6
25.6	23	24.4	22.9	22.7	23	22.5	22.3	22	22	22	21.9	22.6
21.9	21.7	22.6	**22.8**	22.6	22	21.8	22.6	22.6	22.1	21.5	21.7	21.7
21.7	22.8	23	22.7	23.1	23.1	**23.2**	23.1	21.7	22.8	21.9	21.6	22
23.5	23.6	21.7	22.2	22.9	20.9	19.8	20.3	20.5	20.5	20.9	20.7	21.4
20.9	22.5	**23.5**	23.3	22.9	23.2	22.9	22.3	22.4	22.1	22.2	22.3	22.2
22.6	22.5	22.7	**24.3**	20.3	**20.1**	21.2	21	21.2	21.3	21.4	21.4	21.8
22.5	22.5	22.7	**23.3**	22.9	22.4	22.2	21.8	21.9	21.6	21.4	21.3	21.9

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.	------	Ci.	------	Ci.	------	Ci.-S.	------	Ci.	------	Ci.	------
2	Ci.	------	Ci.	------	------	------	------	------	------	------	------	------
3	Ci.	------	------	------	------	------	Ci.	------	------	------	Ci.-S.	------
4	Ci.	ENE	Ci.	ENE	Ci.	------	Ci.	------	Ci.-Cu.	------	A.-Cu.	------
5	Ci.-S.	------	Ci.-S.	------	A.-Cu.	SE	Ci.	------	Ci.	------	Ci.	------
6	------	------	------	------	------	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
7	Ci.-Cu.	------	A.-Cu.	------	Ci.-S.	------	Ci.-Cu.	------	A.-Cu.	------	A.-Cu.	------
8	Ci.	------	Ci.-S.	------	Ci.	------	Ci.	------	Ci.	------	Ci.-S.	------
9	Ci.	------	Ci.	------	------	------	------	------	------	------	Ci.	------
10	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
11	A.-Cu.	NW	A.-Cu.	NW	Ci.-S.	------	A.-Cu.	------	A.-Cu.	------	Ci.-S.	------
12	Ci.-S.	------	Ci.	------	Ci.	N	Ci.	------	Ci.	------	Ci.	------
13	Ci.-S.	------	Ci.-S.	NE	Ci.	------	Ci.	------	Ci.	------	Ci.	------
14	Ci.-S.	------	Ci.-S.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
15	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
16	Ci.	------	Ci.-S.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
17	Ci.	------	------	------	Ci.-S.	------	Ci.	------	Ci.-S.	------	------	------
18	Ci.-S.	------	Ci.-S.	NNE	Ci.-S.	NNE	Ci.-S.	------	Ci.-S.	------	A.-Cu.	------
19	------	------	Ci.	------	Ci.-S.	------	A.-Cu.	------	Ci.-S.	------	------	------
20	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------
21	Ci.	------	Ci.	------	Ci.	------	Ci.	------	------	------	------	------
22	Ci.	------	------	------	------	------	------	------	------	------	Ci.	------
23	------	------	------	------	------	------	------	------	------	------	------	------
24	Ci.	------	------	------	------	------	------	------	------	------	------	------
25	Ci.-S.	------	------	------	------	------	------	------	------	------	------	------
26	Ci.	------	Ci.	------	A.-Cu.	------	A.-Cu.	------	Ci.-S.	------	Ci.-S.	------
27	Ci.	NW	Ci.	NW	A.-Cu.	------	A.-Cu.	------	------	------	------	------
28	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------
29	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	Ci.-S.	------	A.-Cu.	------
30	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.	------	Ci.-S.	------

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	------	Cu.	------	Cu.	------	Cu.	E	Cu.	E	Cu.	E
2	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	E
3	Cu.	------	Cu.	E	Cu.	------	Cu.	E	Fr.-Cu.	E	Cu.	E
4	Cu.	------	Cu.	------	Cu.	EbyS	Cu.	EbyS	Cu.	E	Cu.	E
5	Cu.	------	Cu.	------	Cu.	S	Cu.	SSE	Cu.	SSE	Cu.	SSE
6	Fr.-N.	------	N.	ESE	Fr.-N.	ESE	Cu.	ESE	Cu.	ESE	Cu.-N.	SE
7	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	EbyS	Cu.	EbyS
8	Cu.	------	Cu.	------	Cu.	------	Cu.	SEbyE	Cu.	SEbyE	Cu.	------
9	Cu.	------	Cu.	------	Fr.-Cu.	------	Cu.	------	Cu.	------	Cu.	------
10	Cu.	------	Cu.	------	Cu.	E	Cu.	EbyS	Cu.	EbyS	Cu.	E
11	Cu.	------	Cu.	------	Cu.	------	Cu.	SSE	Cu.	SSE	Cu.	------
12	S.-Cu.	------	S.-Cu.	------	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.	ESE
13	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	------	Cu.	ESE
14	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	------
15	Cu.-N.	------	Cu.-N.	------	Cu.-N.	------	Cu.	------	Cu.	------	Cu.	------
16	Cu.	S	Cu.	S	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	------
17	Cu.	------	Cu.	SE	Cu.	SE	Cu.	SE	Cu.	------	Cu.	SE
18	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	SSE	Cu.	SSE
19	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.	------	Cu.	E	N.-cf.	E
20	Cu.	------	Cu.	------	Cu.	E	Cu.	E	Cu.	E	Cu.	E
21	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
22	Cu.-N.	------	Cu.-N.	------	Cu.	------	Cu.	------	Cu.	------	Cu.	------
23	Cu.	------	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E
24	Cu.	------	Cu.	------	Cu.	NW	Cu.	NW	Cu.	------	Cu.	------
25	Cu.	SE	N.-cf.	SE	N.-cf.	ESE	Cu.	ESE	N.-cf.	------	Cu.-N.	ESE
26	S.-Cu.	ENE	S.-Cu.	ENE	S.-Cu.	ENE	Cu.	E	Cu.	E	Cu.	E
27	Cu.	------	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE	N.-cf.	E
28	S.-Cu.	------	Cu.	E	S.-Cu.	E	Cu.	------	Cu.	EbyS	Cu.	------
29	Cu.	------	Cu.	E	Cu.	E	Cu.	------	Cu.	------	Cu.	------
30	Cu.	E	Cu.	E	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.	------

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
						Ci.		Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
A.-Cu.		Ci.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.			
Ci.		Ci.				Ci.		Ci.		Ci.	
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
A.-Cu.		Ci.-S.		A.-Cu.	SE	A.-Cu.		A.-Cu.		A.-Cu.	SE
Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.			
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.	
Ci.-S.										Ci.-S.	
Ci.-S.		Ci.	NNW	Ci.	NNW	Ci.	NNW	Ci.		Ci.	NbyW
Ci.	N	Ci.-S.	NNW	Ci.-S.		Ci.-S.	NNE	Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
Ci.						Ci.-S.		Ci.-S.			
Ci.-S.		Ci.		Ci.		Ci.		Ci.-S.		Ci.	
Ci.								Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.	
Ci.-S.		Ci.-S.		Ci.							
A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.					
Ci.-S.		Ci.-S.						Ci.-S.		A.-Cu.	
Ci.								Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.		Ci.-S.		Ci.-S.	
						Ci.		A.-Cu.		A.-Cu.	
										A.-Cu.	
Ci.		Ci.		Ci.						Ci.-Cu.	
Ci.											
Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.-Cu.			
A.-Cu.		Ci.	SW	Ci.		Ci.		Ci.		Ci.-S.	
Ci.		Ci.									

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	E	N.-cf.	E	Fr.-Cu.	E	Cu.		Cu.		Cu.	
Cu.	E	N.-cf.	E	Cu.	E	Cu.-N.		N.-cf.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.	E	Cu.	
Cu.	E	Cu.		Cu.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	E
Cu.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SSE	Cu.-N.	SSE
Cu.-N.	SE	Cu.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE
Cu.		Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	ESE
Cu.	SE	Fr.-Cu.	SE	Cu.-N.	SE	Cu.		Cu.		Cu.-N.	SE
Cu.		Cu.-N.		Cu.-N.	SSE	Cu.-N.	SSE	Cu.-N.	SSE	Cu.	ESE
Cu.	E	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	SE	Cu.-N.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	ESE	Cu.	ESE	Cu.-N.		Cu.	ESE	Cu.		Cu.	ESE
Cu.	ESE	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.		Cu.-N.	SE	Cu.-N.	SE
Cu.	ESE	Cu.		N.-cf.	ESE	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.	S
Cu.	SSE	Cu.-N.	SSE	Cu.-N.	SSE	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.	ESE
Cu.	SE	Cu.	SE	Cu.		Cu.	SE	Cu.		Cu.-N.	SE
Cu.	SE	Cu.		Cu.		Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.	ESE
Cu.	SSE	Cu.	SSE	Cu.-N.	S	Cu.-N.	S	Cu.-N.	S	Cu.-N.	S
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	ESE	Cu.-N.	ESE	Cu.-N.	ESE
Cu.	E	Cu.	E	N.-cf.	E	N.-cf.	E	N.-cf.	E	Cu.	E
Cu.		Cu.-N.		Cu.		Cu.-N.		Cu.	ESE	Cu.-N.	ESE
Cu.		Cu.-N.	SSE	Cu.	SSE	Cu.		Cu.-N.		Cu.	
Cu.	E	Cu.	E	Cu.-N.		Cu.-N.	E	Cu.-N.		S.-Cu.	
Cu.		Cu.-N.	E	Cu.-N.	E	Cu.-N.		N.		N.	ESE
Cu.-N.	E	N.	ESE	Cu.-N.		Cu.-N.		Cu.-N.		S.-Cu.	
Cu.	E	Cu.	E	N.-cf.	E	N.-cf.		N.-cf.	ENE	Cu.	ENE
Cu.	E	Cu.-N.	E	Cu.-N.	E	N.	E	N.	E	Cu.	ESE
Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	SW
Cu.		Cu.-N.		Cu.	E	Cu.		Cu.	E	Cu.-N.	ESE
Cu.	ESE	Cu.-N.	ESE	N.-cf.	ESE	Cu.-N.		Cu.-N.	ESE	Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	Calm	--------	ENE	1	ENE	0.5	Calm	--------	Calm	--------
2	SE	1.5	NNE	1	NE	1	NE	1.5	NE	1	NNE	1
3	Calm	--------	Calm	--------	SE	.5	SE	.5	SE	.5	Calm	--------
4	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	N	1	NNE	1	NE	1	Calm	--------
6	NE	1.5	NE	2	NNW	1.5	NNW	1	N	1	Calm	--------
7	NNW	.5	N	2	N	1.5	NNE	1.5	NNE	1	Calm	--------
8	SE	2	SE	2	SE	1.5	NE	1	NE	.5	NE	.5
9	Calm	--------	NNE	1	NNE	1	NNE	1	NNE	1	NNE	1
10	NNE	1	NNE	.5	Calm	--------	NE	.5	Calm	--------	Calm	--------
11	NNE	1.5	N	1.5	NNE	1.5	NNE	1.5	N	1	NNE	1.5
12	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
13	SSW	1	S	1	SE	1	SE	1	SE	.5	SE	1
14	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
15	Calm	--------	Calm	--------	N	1.5	N	2	NE	1.5	ENE	1.5
16	SE	1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
17	SE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SE	1
18	ENE	2	ENE	1.5	Calm	--------	Calm	--------	ENE	1	Calm	--------
19	Calm	--------	N	1	NNE	1.5	NNE	1	Calm	--------	Calm	--------
20	SE	.5	SE	.5	Calm	--------	ESE	1	ESE	1.5	N	1.5
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
22	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
23	Calm	--------	SE	.5	Calm	--------	Calm	--------	ENE	.5	Calm	--------
24	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	NE	.5	Calm	--------	Calm	--------	N	.5	NE	1	NE	1.5
26	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
27	E	1	E	.5	NE	1	Calm	--------	Calm	--------	Calm	--------
28	Calm	--------	NNE	1.5	NNE	1.5	NNE	2	Calm	--------	Calm	--------
29	SEbyE	.5	SEbyE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
30	N	1	N	.5	N	1	N	1.5	N	2	N	2
Mean	------------	0.5	------------	0.6	------------	0.6	------------	0.6	------------	0.5	------------	0.4

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SE	3.5	E	4	SE	5	E	3.5	SE	3	SE	2
2	NW	5.5	WNW	4.5	W	3	SSE	2	Calm	--------	SE	1.5
3	WNW	3	NW	3.5	WNW	2	NW	3	WNW	1.5	S	1
4	SE	3	SSE	2	WSW	5	WSW	6.5	SW	6	WSW	6
5	WNW	5	WbyN	4.5	W	4	WSW	6	SW	5.5	SW	2.5
6	S	1.5	S	1	SSE	1	S	3	Calm	--------	Calm	--------
7	SE	3.5	SE	4	ESE	4	SE	2	ESE	3.5	ESE	3
8	S	4	SW	2.5	SW	.5	S	1	SSE	2	SE	2
9	ESE	1.5	S	1	WSW	3	SSW	7	SW	2.5	SW	5
10	SSE	5.5	WSW	3	NW	2	W	4	Calm	--------	Calm	--------
11	SE	3	SE	2	SE	5	SE	2.5	SE	3	SE	1.5
12	SSE	6	SE	4.5	SE	3	SE	1	SE	2	S	2
13	SE	1.5	SE	3.5	WSW	4.5	WbyS	4	SW	5.5	WSW	3
14	SE	3.5	SE	4	SE	4	WSW	6	SWbyW	6	SSW	6
15	SSE	1.5	SW	3	WSW	4	WSW	4.5	WSW	4	WSW	4.5
16	W	4	W	4	WNW	3.5	W	4	WSW	5	WSW	5
17	WSW	3	WSW	5	WSW	4	WSW	5.5	WSW	3	WSW	6.5
18	SE	2.5	SE	3	SE	2	WSW	6	WSW	4	WSW	4
19	W	1.5	Calm	--------	WSW	2.5	WSW	1.5	SW	3.5	SE	2
20	WNW	3	W	5	W	3.5	SW	3	SW	4	SSW	5
21	WNW	2.5	W	3.5	WSW	5.5	WSW	3	WSW	5.5	SW	2.5
22	WbyS	2	WSW	5	WSW	5.5	WSW	4.5	WSW	4.5	SW	3.5
23	WSW	4.5	SW	5	SW	3	SW	5	WSW	4.5	WSW	4.5
24	WbyN	3	SW	4	SW	2	SSW	2	Calm	--------	Calm	--------
25	W	.5	ESE	1	Calm	--------	SE	.5	Calm	--------	Calm	--------
26	W	3	W	3.5	WSW	3	SSE	1	Calm	--------	Calm	--------
27	W	2	N	2.5	S	2	SSE	1.5	ESE	2.5	Calm	--------
28	SE	4	SE	1	S	7.5	S	3.5	S	3.5	SSW	4.5
29	SE	3	SE	4	SE	4	SE	2.5	Calm	--------	Calm	--------
30	WbyN	3	WNW	5	Calm	--------	Calm	--------	NE	3.5	NE	3
Mean	------------	3.1	------------	3.3	------------	3.3	------------	3.3	------------	2.9	------------	2.7

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	----------	Calm	----------	WNW	1	W	2.5	NW	4.5	WNW	4
NbyE	1	NNE	1	W	3	W	3.5	WNW	3.5	NW	4.5
Calm	----------	WNW	2	WNW	3.5	WNW	3.5	WNW	3.5	WNW	3.5
Calm	----------	NE	1.5	E	2	SE	2	SE	3	SSE	2.5
Calm	----------	Calm	----------	ENE	3	WSW	2	WSW	2	WSW	3
Calm	----------	Calm	----------	Calm	----------	SSW	.5	WSW	1.5	Calm	----------
Calm	----------	Calm	----------	SE	1.5	SE	4.5	SE	6	ESE	6
Calm	----------	Calm	----------	E	2.5	SE	7	SE	5.5	ESE	1.5
NNE	.5	Calm	----------	ESE	3	SE	2	SSE	6	SSE	3.5
Calm	----------	Calm	----------	SW	1.5	SSE	4	SSE	1.5	SSW	1.5
NNE	1	Calm	----------	Calm	----------	Calm	----------	SSE	1	SSE	1.5
Calm	----------	E	1.5	SE	3.5	SE	4.5	SE	3.5	SE	7.5
Calm	----------	ESE	2	SEbyE	4.5	ESE	2	SE	4.5	SSE	3
ESE	.5	ESE	2.5	ESE	1.5	SSE	6	SE	5	SE	4
ESE	1.5	Calm	----------	SE	3	ESE	1	SEbyS	5	SE	1.5
E	1	Calm	----------	SSW	1.5	WSW	1.5	W	2.5	W	1
SSE	.5	SSW	2	SW	1	SW	1.5	SW	2	SW	2
NE	1.5	Calm	----------	SSE	.5	SE	2	SE	1.5	Calm	----------
Calm	----------	NE	1	Calm	----------	SE	1.5	Calm	----------	Calm	----------
Calm	----------	Calm	----------	Calm	----------	WSW	2	WSW	1.5	WNW	1.5
NE	.5	Calm	----------	W	1.5	W	1	WNW	3.5	W	3.5
Calm	----------	Calm	----------	WNW	1.5	WNW	3	W	3	W	2.5
Calm	----------	SSW	.5	W	1.5	W	1	WSW	2	W	3.5
Calm	----------	Calm	----------	Calm	----------	W	2	WNW	2	W	3
Calm	----------	NW	1	WNW	2	WNW	1.5	WNW	3	WNW	2
NE	1	Calm	----------	Calm	----------	NW	2	WNW	4.5	WNW	3
Calm	----------	Calm	----------	Calm	----------	W	3	W	2	W	3
NE	1.5	ENE	1.5	Calm	----------	SE	2	SE	1.5	SEbyE	2
NE	1	NE	.5	SE	1.5	E	2	SE	3	SE	1
N	1.5	N	1.5	W	1	W	2	WSW	3	W	2.5
------------	0.4	------------	0.6	------------	1.5	------------	2.4	------------	3	------------	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
ESE	1.5	E	1.5	Calm	----------	ESE	1	ESE	1.5	SE	1.5	1.6
Calm	----------	SE	2	SE	2	SE	1.5	SE	1.5	SE	1	2
Calm	----------	SSE	.5	SSE	1.5	SSE	1.5	SSE	1.5	SE	.5	1.5
SSW	5	NNW	3	N	2	NE	1.5	Calm	----------	Calm	----------	2.1
Calm	----------	NE	1	NE	1.5	SW	1.5	NE	1	ENE	1.5	
Calm	----------	SE	1	SE	2	SE	1	SE	1	NNW	.5	2.9
SE	2.5	SE	2	SE	2	Calm	----------	SE	1.5	SE	1.5	2.2
SE	2	SE	2	SE	1.5	SE	1	ESE	1.5	NE	.5	1.9
SW	5	E	1	E	1.5	ENE	1	NNE	1.5	NE	.5	2.1
Calm	----------	SE	2	NNE	2	Calm	----------	Calm	----------	Calm	----------	1.2
SE	1.5	SE	2	SE	1.5	SE	1.5	SEbyS	1.5	SE	1	1.6
W	5	S	2	ESE	2	SSE	1.5	SSW	2	SSW	1.5	2.2
WSW	1	Calm	----------	ESE	.5	E	1	E	.5	Calm	----------	1.9
SW	5	SSW	2	ESE	1	E	1.5	ENE	1	E	1	2.5
WSW	3	SW	3.5	SSW	3.5	SSW	2	SE	1.5	SE	1.5	2.3
S	1	W	2.5	ESE	1.5	ESE	1	ESE	.5	SE	1.5	1.8
SW	3	SW	5	SW	2	ESE	3	ESE	2.5	NE	2.5	2.3
ESE	1	ESE	1	ENE	1.5	E	1	E	.5	Calm	----------	1.5
Calm	----------	SE	2	SE	1.5	SE	1.5	Calm	----------	Calm	----------	.9
SWbyW	5	WSW	2	ENE	1	Calm	----------	Calm	----------	Calm	----------	1.7
SW	3	SW	2.5	SW	2	WSW	1.5	WSW	1	SW	.5	1.8
SW	4	WSW	3.5	WSW	2.5	WSW	1.5	Calm	----------	W	.5	2
NWbyW	3	Calm	----------	S	1.5	Calm	----------	Calm	----------	Calm	----------	1.7
Calm	----------	E	1	E	1	ENE	.5	N	.5	NE	.5	.9
Calm	----------	SE	1	SE	.5	SE	.5	Calm	----------	Calm	----------	.7
Calm	----------	Calm	----------	Calm	----------	SE	2	E	1.5	SE	1.5	1.1
ESE	1.5	ESE	1	SE	1	E	1	NE	1	NE	1	1.1
SbyE	4	ENE	3.5	ENE	2.5	ENE	1	ENE	.5	ENE	1	2.1
SSW	1	W	1.5	NW	1.5	N	2	N	2	N	1	1.4
Calm	----------	Calm	----------	E	.5	Calm	----------	ESE	1	ENE	1.5	1.5
------------	1.9	------------	1.7	------------	1.5	------------	1.1	------------	1	------------	0.8	1.7

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	1	4	2.5	1.5	3	0	1.5	2	8.5	17	14
2	6.5	3	2.5	5.5	4.5	2.5	7	8	5	10	15	17
3	2.5	1	2.5	2.5	3.5	3.5	2.5	3	7	12	15	16.5
4	5	3	5	2.5	2.5	3	6.5	8.5	8	9	15	11
5	1	.5	3.5	4	3.5	2	.5	0	5.5	6	9.5	9.5
6	8.5	9.5	7.5	4	4	5	2	1.5	1	3.5	8	8
7	2	6	6.5	5.5	3.5	2.5	3	3.5	9.5	17	15	12
8	8	7	5	5.5	2.5	2.5	1	2	7.5	12	20	16
9	1.5	3	4.5	3	2.5	4	2	5	12.5	12	21	17
10	5.5	3.5	3	3	2	1.5	0	.5	2.5	10.5	17	9
11	4.5	6	5	5	3.5	3.5	2	1	0	3	7.5	10
12	4	1.5	1	3	3.5	2	1	2.5	11.5	14	18	18
13	5	3	5	2	2	3	2	6	9	12	15	15.5
14	1	1.5	1	1.5	2	1.5	7.5	8	16	19	20	14
15	4	1	8	8	8	3	3	2	8	11	18	14
16	3	2.5	1.5	2	1	1	1	3.5	4	7.5	11	6
17	6.5	2	3.5	1.5	.5	4	4	8	7.5	6.5	6	9
18	6	5	2.5	.5	3.5	2.5	2	3	3	6	13	12
19	4	4	9	9	6.5	2.5	3	3	4	5	5	5
20	4	2.5	2.5	4	6.5	5	2	2	1	6	10	9
21	3	2	2	0	0	0	1	0	3	6	17	14
22	2.5	1.5	.5	2	1.5	2	1.5	3	7	11	10	10
23	2	2	2	1	2	3	1	2	5.5	7.5	11	14
24	1.5	1	2.5	2.5	2.5	.5	2.5	2	5	11	14	14
25	3	2	1	5.5	4.5	1.5	1.5	2	7	8	12	8
26	2.5	1.5	2.5	2	2	3	0	1.5	2.5	6	18	15
27	5	5	4	4.5	1.5	1.5	6	6.5	4	7	13	10
28	2.5	5	8	8	3	1.5	4.5	1.5	2.5	6	11	13
29	3.5	2	1	2	3	5.5	6	2.5	2.5	6.5	8	8
30	3	2	5	6	10	10	8	11	3	8	13	12
Mean	3.8	3	3.7	3.6	3.2	2.9	2.8	3.5	5.6	8.9	13.4	12

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	m.
1	1	4	4	4	5	5	5	8	6	2	2	1	3.9	8	50
2	2	3	1	2	1	4	5	7	4	5	6	5	3.8	7	40
3	2	3	3	4	4	6	8	9	9	9	9	9	6.2	8	05
4	5	6	7	6	7	8	5	4	5	6	7	8	6.2	7	25
5	6	6	7	7	8	6	5	5	5	9	9	9	6.8	7	45
6	10	10	10	10	9	10	10	9	9	9	9	10	9.6	2	50
7	5	7	9	8	9	9	9	9	7	7	7	9	7.9	5	05
8	6	8	6	4	5	3	5	4	7	6	5	8	5.6	7	05
9	2	2	2	2	2	3	4	4	6	8	8	9	4.3	7	15
10	5	8	9	9	9	9	8	8	8	9	10	10	8.5	4	15
11	8	9	10	9	9	10	9	9	9	9	9	9	9.1	5	20
12	10	10	9	8	7	7	7	6	8	8	5	4	7.4	6	55
13	7	6	6	6	4	4	5	6	7	4	9	8	6	7	15
14	7	5	5	4	4	7	4	3	5	5	6	6	5.1	7	00
15	10	9	8	7	8	9	7	8	9	8	10	10	8.6	5	15
16	10	9	9	9	9	6	2	2	3	3	8	9	6.6	7	05
17	2	7	6	5	5	3	5	4	4	9	9	9	5.7	7	30
18	8	9	8	9	9	9	9	9	8	8	9	8	8.6	4	20
19	8	10	9	8	9	8	8	9	8	8	10	10	8.8	4	25
20	2	3	5	4	3	9	7	8	8	10	10	6	6.2	6	05
21	4	4	2	3	2	3	3	3	3	4	7	6	3.7	9	05
22	5	3	2	2	2	2	2	3	6	5	6	4	3.5	9	15
23	2	3	4	4	4	4	4	5	5	7	6	6	4.5	6	50
24	2	3	5	6	3	3	3	8	10	9	10	10	6	5	50
25	10	9	10	9	10	10	9	10	8	8	7	7	8.9	1	00
26	9	7	7	7	7	7	7	7	8	9	9	9	7.8	6	00
27	6	6	5	8	6	8	8	10	10	9	10	10	8	4	50
28	8	9	10	10	9	9	8	8	8	7	7	10	8.6	4	25
29	9	9	9	9	9	8	9	7	7	6	7	10	8.2	4	40
30	7	9	7	9	6	6	6	6	8	9	8	6	7.2	5	50
Total														185	10
Mean	5.9	6.5	6.5	6.4	6.1	6.5	6.2	6.6	6.9	7.2	7.8	7.8	6.7	6	10

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
11	15	20	17	20	13	11	7	6.5	3.5	6	7.5	8.1
19	16	11	8	11	6	6	5	9	7	7	5	8.2
14.5	15	13	10	6.5	1.5	3	7	7.5	10	13	7.5	7.5
14.5	14.5	17	22	21	22	15	15	7	7	2.5	0	9.9
14	16	17	23	16	11	6	2	5	6.5	6	6	7.2
12	9.5	6.5	7	8	2	3	2	6	4	4	2	5.4
14	16	18	16	15.5	12.5	11	8	5.5	4.5	5.5	3.5	9
15	14	12	6	10	14	9	10	5.5	3	4	3.5	8.1
14	13	20	22	17	19	20	2	5	5	12	5	10.1
11	12	11	9	8	3	1.5	3.5	8	3	2.5	1	5.5
13.5	11	10	11	11	12	10	10	9	7	9	8	7.2
18.5	16	14.5	8	7.5	7.5	17	15	7.5	7.5	6.5	6.5	8.8
14.5	17	21	16	26	18	11.5	3.5	2	3.5	2.5	1	9
16	16	16	21	29	22	12	11	4	3.5	4.5	3	10.5
11	11	21	15	22	18	20	17	15	7	2.5	3.5	10.5
10	12	13	16	24	27	27	19	5	9	7	5	9.1
16	21	20	21	20	21	20	19	14	15	7	8	10.9
9	13	10	17	19	17	5.5	5.5	7	6.5	4.5	4	7.4
7	6	5	7	12	8.5	7	4	2.5	5.5	.5	1.5	5.3
12	14	17	12	15	17	21	19	11	4	2	0	8.3
14	13	16	19	20	15	15	15	15	11	13	6.5	9.2
16	21	26	24	24	23	20	21	16	15	6	1	11.1
17	20	21	24	24.5	21	15	2	5.5	4.5	2	3.5	8.9
16	18	14	5.5	4	2.5	2	4.5	4.5	3.5	3.5	5	5.9
6	8.5	2.5	5	5	2	2	2.5	3	3	2.5	.5	4.1
14.5	10.5	6	6	7	6	4	3.5	2.5	8	5	6	5.6
12	11	11	8	6.5	2.5	2.5	3.5	4	4.5	4.5	3.5	5.9
10	8	15	13	7.5	14.5	18.5	7.5	6	5	5	5.5	7.6
9	10	13	9.5	6.5	3	3	5	7	11	9	7	6
14	13	9	2.5	10.5	12	3	0	2	1	2	10.5	7.1
13.2	13.7	14.2	13.4	14.5	12.4	10.7	8.3	6.9	6.3	5.4	4.4	7.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1				2	3	3	5						1	2	1		7	194.5	6.8	
2		4	3				7	1					3	2	2		2	196.5	5.4	
3							4	4	1					8	2		5	180	5.5	
4	1		2		1		3	2		1	1	3				1	9	236.5	4.9	0.8
5	1	1	4	2							3	4	1	2			6	174	5.1	27.5
6	1		2				4	1	3	1		1				3	8	128.5	3.5	1.3
7	2	2				4	11									1	4	216	5.9	
8			4		1	2	10	1	2		2						2	195	5.5	
9		7	1	1	2	2	1	2	1	1	3	1					2	242	4.9	
10		3	1				1	3		1	1	1	1		1		11	131.5	2.9	12.7
11	2	5					11	3									3	172.5	4.6	
12					1	1	8	2	2	2			1				7	212	4.4	41.7
13					2	3	8	1	1	1	1	3	1				3	216	4.3	
14				1	2	4	4	2		2	1	2					6	251	4.1	2.1
15	2		1	1		2	4	2		2	2	5					3	251	4.4	
16					1	3	2		1	1		3	6	1			6	218	3.6	32.3
17			1			2	2	1		1	7	6					4	261	3.5	36.5
18			1	4	2	2	5	1				3					6	177	2.9	18.3
19	1	2	1				5				1	2	1				11	126.5	2.8	3.3
20	1			1		2	2			1	2	4	2	2			7	198.5	3.5	2
21			1								5	5	4	2			7	220.5	5.3	
22											2	7	4	2			9	265.5	4.8	
23				1			1		1	1	3	4	3		1		9	213	3.8	
24	1		1	1	2					1	2		2	2			12	142	3.3	
25	1		3			1	4						1	4	1		9	98.5	1.5	4.5
26			1		1		2	1				1	2	2	1		13	135.5	3.8	
27	1		3		3	3	1	1	1				4				7	141.5	2.4	4.1
28		3	1	6			5		4	1							4	182	2.7	8.7
29	3		2		1		9			1			1		1		6	143.5	3.5	
30	8		2	1	1	1						1	3	2			5	170.5	3.4	
Total	25	27	35	21	23	35	119	28	17	18	36	56	41	31	10	5	193	5,690.5	123	195.8
Mean	0.8	0.9	1.2	0.7	0.8	1.2	4	0.9	0.6	0.6	1.2	1.9	1.4	1	0.3	0.2	6.4	189.7	4.1	6.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	759. 55	9. 10a.	35. 5	0. 45p.	83	**21.8**	756. 15	4. 15p.	**22.6**	5. 30a.	50	17. 2
2	59. 20	10. 50p.	35. 5	3. 20p.	**80**	23. 3	56. 40	4. 20p.	22. 7	5. 55a.	52	**16.5**
3	59	0. 05a.	34. 9	2. 40p.	85	23. 3	55. 63	4. 00p.	23. 1	5. 20a.	54	16. 7
4	59. 05	9. 50p.	**36.5**	2. 05p.	92	24. 4	55. 10	3. 25p.	24	11. 00p.	**48**	19. 6
5	58. 45	10. 40p.	35	2. 50p.	93	24. 9	**54.13**	4. 00p.	23. 9	5. 15a.	60	20
6	**58.25**	10. 40p.	34	3. 05p.	96	24	55. 90	3. 30p.	23. 8	0. 05a.	60	20. 6
7	58. 60	10. 35p.	33. 5	1. 55p.	92	22. 9	56	4. 40p.	24. 3	4. 35a.	57	19. 4
8	59. 05	10. 30p.	34. 5	0. 40p.	93	24. 6	56. 15	2. 55p.	23. 8	5. 35a.	59	18. 7
9	59. 80	10. 45p.	35. 1	1. 40p.	94	23. 8	56. 50	3. 15p.	23. 4	5. 45a.	51	18. 8
10	60. 10	10. 00p.	34. 7	1. 15p.	**100**	**25.7**	56. 95	3. 00p.	23. 4	5. 45a.	56	19. 1
11	59. 85	8. 15a.	34. 2	3. 55p.	97	23. 8	56. 25	3. 55p.	23. 7	2. 25a.	59	20. 7
12	59. 60	6. 55a.	34. 7	2. 50p.	92. 5	23. 1	56. 20	4. 20p.	23. 4	5. 50a.	52	19. 6
13	59. 95	10. 15p.	34. 8	1. 55p.	94	24. 8	56. 60	2. 50p.	24. 2	5. 20a.	61	20. 5
14	59. 95	10. 40p.	35. 2	2. 05p.	91	23. 6	56. 10	3. 05p.	24	5. 40a.	53	20. 2
15	59. 85	10. 35p.	34. 2	2. 05p.	93	24. 4	56. 30	4. 20p.	24. 3	2. 35a.	64	20. 4
16	59. 55	9. 05p.	34	0. 40p.	97	23. 8	55. 70	4. 20p.	24. 6	5. 00a.	62	20. 9
17	60. 80	9. 55p.	32. 8	3. 30p.	97	24. 6	56. 55	3. 45p.	23. 3	11. 50p.	66	19. 7
18	61. 10	11. 40p.	34. 2	2. 30p.	97	24. 3	57. 50	3. 35p.	23. 2	0. 40a.	64	20. 1
19	61. 70	9. 20a.	33. 5	0. 40p.	95	24. 7	58. 30	3. 35p.	23. 5	11. 15p.	69	19. 3
20	61. 05	7. 15a.	33. 2	1. 50p.	96	24. 1	**58.40**	3. 30p.	22. 9	5. 20a.	61	18. 4
21	60. 50	8. 20a.	33. 6	3. 35p.	92	24. 5	57. 50	2. 55p.	23. 5	5. 30a.	59	20
22	60. 45	10. 10p.	33. 5	2. 55p.	97	24. 4	57. 75	4. 05p.	**25**	5. 15a.	66	**22**
23	60. 40	8. 30a.	33. 9	1. 15p.	95	25. 1	58. 20	4. 45p.	**25**	5. 35a.	66	21. 1
24	60. 80	11. 50p.	33. 6	1. 30p.	92	25. 5	58	1. 35p.	24. 3	5. 40a.	62	20. 7
25	60. 80	8. 55a.	**32**	1. 30p.	96	25. 6	**58.40**	4. 30p.	24. 1	5. 35a.	**70.5**	20. 9
26	60. 72	8. 00a.	33. 7	3. 05p.	97	22. 8	57. 40	3. 20p.	23	5. 10a.	59	20. 4
27	60. 25	10. 30p.	34. 1	1. 30p.	97	23. 2	57. 65	1. 40p.	23. 3	5. 45a.	60	20. 2
28	**62.15**	10. 00p.	32. 9	1. 45p.	96	23. 7	58. 32	4. 00p.	23	5. 45a.	66	19. 6
29	61. 40	0. 05a.	33. 5	3. 10p.	97	23. 5	**58.40**	4. 30p.	23. 4	1. 50a.	59	20. 9
30	60. 30	0. 05a.	33. 8	1. 55p.	96	24. 3	56. 20	2. 45p.	24. 4	5. 30a.	61	20. 1
Mean	760. 07	--------	34. 2	--------	93. 8	24. 1	756. 82	--------	23. 7	--------	59. 6	19. 7

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----⊤ N quadrant 3.25 p.
3----Cloudy weather.
4----⛈ E quadrant ●° in the evening.
5----⛈ S quadrant in the afternoon; ↯ N in the evening; ● at night.
6----●°, near ⊤ in the morning; ⛈ NNW in the evening.
7----Overcast.
8----Cloudy weather.
9----⛈° S quadrant in the afternoon; ⛈° N quadrant, ↯ various points in the evening.
10----● in the afternoon and at night; ⛈° W quadrant, ≡° in the evening.
11----Overcast.
12----Heavy thundershowers, coming from the S quadrant, in the evening.
13----⛈ NE quadrant in the evening.
14----⊤ S quadrant in the afternoon; ● in the evening.
15----d, ⛈ WNW early in the morning; ○ in the morning and afternoon; ⛈ SW quadrant in the afternoon.
16----Coloration of clouds, thundershowers, coming from the S quadrant, in the evening.
17----● in the early morning; ⛈° SE quadrant, ↯ NW quadrant in the evening; ●² at night.
18----○² in the forenoon; d° in the afternoon; ⊤ E quadrant in the evening; ● at night.
19----⊤ SE quadrant, ● in the morning; ⛈ various points in the evening.
20----● at night.
21----↯ N quadrant in the evening.
22----⛈° SE quadrant 2.25 p.
23----⊤° S quadrant, d in the afternoon.
24----⊤ E 1.50 p.; ↯ NNW, E in the evening.
25----● in the forenoon and afternoon; ⊤ E, WNW in the afternoon.
26----Overcast.
27----Near ⛈ SE quadrant, ● in the afternoon.
28----⛈° NW quadrant in the evening; ● at night.
29----Overcast.
30----⊤ E quadrant in the afternoon.

OBSERVATIONS FOR JULY, 1913.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.05	59	58.10	58.15	58.45	58.78	59.18	59.45	59.23	59.06	58.60	58.10
2	59.05	58.85	58.95	59.05	59.20	58.95	59.70	60.27	**60.48**	60.40	60.37	59.87
3	58.95	58.85	58.95	59.20	59.75	59.84	60.09	60.29	**60.38**	60.26	59.98	59.62
4	59.55	59.50	59.15	58.75	58.70	58.54	58.95	59.77	**59.94**	59.76	59.70	59.17
5	58.55	58.65	57.95	58.10	58.10	58.40	58.64	58.80	**59.06**	59.04	58.42	57.92
6	57.50	57.30	57.25	57.50	58.20	58.58	58.54	58.93	58.38	58.44	58.58	58.56
7	58.35	58.35	58.10	57.70	57.70	57.64	58.09	58.28	58.29	57.99	57.84	57.50
8	**59.15**	58.80	58.40	58.30	58.25	58.31	58.50	58.33	58.14	58.19	57.85	57.46
9	58.55	57.70	57.50	57.65	57.90	58.07	58.22	58.49	**58.63**	58.47	58.05	57.53
10	57.85	57.25	56.85	56.90	57.50	57.80	57.85	58.53	58.62	**58.64**	58.25	57.82
11	57.05	56.95	56.90	56.95	56.95	57.47	57.87	57.92	58	57.97	57.53	57.05
12	58.35	57.95	57.95	57.95	57.90	58.17	58.67	58.87	58.90	59.07	59.07	58.55
13	**59.05**	58.70	58.35	58.30	58.25	58.44	58.61	58.73	58.72	58.72	58.47	58.14
14	57	56.45	56.40	56.35	56.25	56.40	56.96	57.09	57.16	**57.20**	56.82	56
15	**54.35**	**54.35**	53.40	53.35	53.35	53.89	53.95	53.95	53.31	53.12	53.19	53.15
16	52	51.70	**51.50**	**51.50**	51.65	51.92	52.55	52.66	52.99	52.62	52.77	52.42
17	53.70	**53.35**	53.40	53.60	53.75	53.78	54.26	54.63	54.98	55.06	55	54.77
18	55.10	54.90	54.70	54.65	54.60	54.83	55.05	55.64	55.76	55.59	55.59	55.16
19	55.85	55.50	54.85	55.05	54.60	54.75	54.83	55.26	55.21	55.09	54.78	54.97
20	56.80	56.30	56.15	55.70	55.95	56.25	56.55	56.99	57.48	57.74	57.52	57.40
21	57	56.70	56.20	56.15	56.40	**56.02**	56.67	**57.67**	57.62	57.31	57.16	56.83
22	56.20	55.70	55.55	55.50	55.45	55.53	55.95	**56.41**	56.21	56.21	55.96	55.49
23	54.30	53.85	53.50	53.25	53.40	53.66	53.81	53.97	54.02	54.25	54	53.69
24	53.65	53.10	52.90	**52.85**	52.95	53.33	53.63	53.92	54.20	54.21	54.04	54.20
25	54.90	54.60	**54.55**	**54.55**	55.10	55.13	55.43	55.81	55.95	55.83	55.90	55.85
26	57.25	57.20	56.70	57	57.05	57.31	57.32	57.35	57.53	57.50	57.84	57.47
27	57.50	57.70	56.80	56.80	56.80	56.96	57.45	57.45	57.60	57.65	**57.89**	57.23
28	**55.45**	54.95	54.70	54.85	54.50	54.57	54.66	55.07	55.12	55.06	54.87	54.05
29	51	50.60	50.45	50.45	50.55	50.45	50.88	51.03	50.64	50.55	50.83	50.55
30	**51.85**	52.10	52	52.20	52.85	52.83	53.43	54.02	54.52	54.93	54.87	54.83
31	55.50	55.25	55.45	**55.20**	55.80	56.07	56.86	57.05	57.32	57.51	**57.81**	57.20
Mean	56.46	56.20	55.92	55.92	56.06	56.22	56.55	56.86	56.92	56.89	56.76	56.40

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.3	25	24.7	24.5	**23.8**	24	27.4	28.8	29	30.6	31.8	32.3
2	25.7	25.4	24.9	**24.4**	**24.4**	24.5	25	26	26.7	27.4	28.5	30.7
3	24.6	24.6	24.2	24.2	**24.1**	24.4	26	28.8	30.1	31.2	30.6	31.3
4	24.7	25.1	24.7	24.4	24.4	**24.2**	26.4	28.6	29.2	30	29	29.1
5	24.8	24.2	23.9	23.9	**23.8**	24	27.3	29.8	29.6	30.5	30.2	**31.8**
6	24.8	24.8	24.7	24.8	24.4	24.1	**23.5**	23.8	27.3	29.3	28.9	30.6
7	25	24.8	24.8	24.2	24.1	**24**	26.3	27.3	28.1	28.6	30	30.8
8	25.1	24.9	24.6	24.3	**24.2**	**24.2**	26.3	28.7	30.1	30	30.3	31.4
9	26.5	25.5	25.5	25.3	25.4	25.4	27.6	28.5	28.7	29.5	30.4	30.7
10	25.6	25.4	24.7	24.6	**24.1**	24.5	25.9	27.1	29.3	28.5	28.8	29.7
11	24.5	24.4	**23.9**	25.3	25.3	24.7	27.3	27.5	28.6	29.4	29.5	29.9
12	26.6	25.7	24.4	24.3	**24.1**	24.2	26.2	27	27.6	25.6	26.1	27.2
13	24.8	24.5	24.2	**24.1**	**24.1**	**24.1**	25.9	27.2	28.6	29.3	29.8	30.3
14	24.5	24.5	24.2	24	**23.9**	**23.9**	24.1	25.7	27.7	28	28.3	29
15	25.6	25.4	25.4	25.2	25.3	25.3	25.2	25.6	25.8	26.2	26.6	26.4
16	25.2	24.9	24.9	25	**24.8**	**24.8**	25.5	26.4	**27.5**	26.6	26.4	27
17	25.3	24.5	25.1	24.9	24.8	25.2	25	**24.3**	25.8	25.8	25.9	26.7
18	25	25.1	25.3	25	24.9	**24.8**	25.1	25.4	26.8	28.7	**29.5**	26.1
19	25.5	25.2	25.3	**24.8**	**24.8**	25	26.1	27	28.6	29.4	29.7	29.6
20	25.3	25.8	25.5	25.4	25.6	25.1	25.2	26	25.5	25.3	24.8	25
21	24.3	24.5	24.3	**23.5**	24.3	24.7	25.8	24.1	24.5	26	25.5	**27.6**
22	**24.1**	25.3	25.7	24.9	25	24.3	24.3	24.5	25.3	26.4	28	**28.2**
23	26.2	26.1	26.1	26.2	25.9	25.8	25.6	25.4	25.9	26.5	26.7	**29.1**
24	24.8	24.7	**24.2**	24.7	24.9	25	25.4	25.8	**27.8**	27.4	27.7	26.9
25	24.2	24.3	25	25.1	25	25.1	25.1	25.4	26.4	28.3	29.7	28.9
26	23.9	24.6	24.8	24.1	24	**23.6**	24.4	27.1	28.3	29.2	26.2	28
27	24.2	24.1	24.4	24.7	24.3	24.2	26	**28.5**	28.3	27.8	25	27.3
28	25	25.2	**24.2**	**24.2**	25.1	24.9	25	25.1	25.7	25.6	**26.1**	25.3
29	24.3	**23.9**	24.3	24.8	24.5	24.8	24.5	24.7	25.5	25.7	25.2	26.4
30	26.7	25.7	26.6	27.2	26.1	26.5	26.4	**25.3**	25.8	25.8	26	26.5
31	25.9	25.2	24.8	25.2	**24.4**	24.6	24.9	25.5	26	26.1	25.8	25
Mean	25.1	24.9	24.8	24.7	**24.6**	**24.6**	25.6	26.5	27.4	27.9	28	28.5

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.54	56.95	**56.66**	56.70	57.20	57.52	58.57	59.05	59.70	59.55	59.90	59.55	58.50
59.23	59.06	58.37	**58.12**	58.45	58.72	59.01	59.30	59.60	60.05	59.85	59.65	**59.36**
58.51	58.24	57.89	**57.79**	57.80	58.66	59.06	59.25	59.80	59.80	59.90	59.70	59.27
58.56	57.98	57.35	**57.04**	57.34	57.71	57.90	58.25	58.45	58.75	59.15	58.90	58.70
57.50	56.90	57.06	**56.49**	56.60	56.97	57.50	57.25	57.85	57.95	57.80	57.85	57.89
58.25	57.25	57.07	56.81	**56.80**	57.25	58.10	58.20	58.70	**58.95**	58.75	58.65	58.02
56.97	**56.55**	56.62	57.04	56.97	57.15	57.86	58.20	58.90	59.35	**59.60**	59.40	57.94
57.29	56.82	56.51	**56.50**	**56.50**	56.80	57.55	58.05	58.75	58.80	58.85	58.55	57.94
56.90	56.40	55.83	**55.76**	56.10	56.47	57.26	57.75	58.20	58.35	58.30	58.35	57.60
57.46	56.75	56.06	**55.94**	**55.94**	56.65	57.22	57.25	57.85	58.45	58.10	57.65	57.47
56.78	**56.25**	56.65	56.45	56.55	57.23	57.62	57.90	58.10	58.70	**58.85**	58.70	57.43
58.24	58.05	57.71	**57.59**	57.70	57.64	58.14	58.95	59.25	59.65	**59.90**	59.45	58.49
57.54	57.61	**56.86**	57.14	57.27	57.23	57.80	58.35	58.30	58.40	58.25	57.85	58.13
55.64	54.92	54.33	54.32	54.25	**54.03**	54.85	55.35	55.10	55.40	55.20	54.25	55.74
52.76	51.84	51.39	51.40	**51.38**	51.78	52.25	52.65	52.90	53	53.05	52.55	52.93
52.14	51.94	51.79	51.80	52.09	52.54	52.89	53.05	53.80	54.25	**54.40**	54.25	52.55
54.19	54.06	53.90	53.81	53.94	54.12	54.55	54.90	55.50	**55.55**	55.50	55.20	54.40
54.95	54.49	54.40	**53.84**	53.91	54.61	55.06	55.50	55.95	56.40	**56.50**	55.95	55.13
54.64	54.17	**54.14**	54.30	54.34	54.61	55.04	55.10	56.10	56.80	56.90	**57.20**	55.17
57.09	56.17	55.92	**55.58**	55.90	56.45	57.30	57.40	57.30	**57.90**	57.35	57.40	56.77
56.63	56.49	56.21	56.21	56.35	56.71	57.11	57.20	57.40	57.25	57.35	56.60	56.80
55.01	54.64	54.57	54.55	**54.47**	**54.47**	54.68	54.85	54.90	55.15	55.05	54.75	55.30
53.55	52.87	52.75	**52.65**	52.80	52.96	53.36	53.85	54	54.35	**54.40**	54.05	53.64
53.94	53.67	53.21	53.11	53.34	53.54	54.11	54.40	55.15	**55.55**	55.50	55.30	53.91
55.43	55.06	54.97	54.58	54.65	55.31	55.77	56.55	57.40	**57.85**	57.70	57.50	55.68
57.20	56.89	56.72	**56.55**	56.83	57.27	57.49	58	58.35	**58.60**	58.45	57.90	57.41
56.88	56.18	55.85	**55.42**	55.72	56.35	56.90	57	57.35	57.20	56.85	56.10	56.90
53.71	53.35	53	52.67	52.92	52.66	52.20	52.45	52.35	52.40	52.40	**51.85**	53.74
49.86	50.04	**49.21**	49.28	49.93	50.78	50.81	51.55	51.95	**52.65**	**52.65**	52.55	**50.80**
54.51	54.09	54.09	53.76	54.06	54.70	54.92	55.10	55.70	**56.15**	55.95	55.70	54.13
56.30	56.21	55.33	55.63	55.45	55.58	56.19	56.65	56.95	57.35	57.20	56.85	56.36
55.97	55.54	55.24	**55.12**	55.28	55.63	56.10	56.43	56.83	**57.11**	57.08	56.78	56.26

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
33	33.4	32.9	**34.1**	30	28.4	27.4	27.3	25.9	25.4	25.3	25.4	**28.2**
31.2	32	32.4	**32.6**	30.6	29.3	26.6	25.6	25.3	25.3	24.9	24.8	27.3
32.1	32	**32.1**	29.9	28	27.5	26.4	26.3	25.7	25.3	25.1	25	27.5
29.1	29.3	30.4	**30.6**	30	28.8	27.6	26.7	26	25.9	25.7	24.9	27.2
31.3	31.7	26.5	31.1	31	28.4	26.2	25.4	25.1	25	24.9	24.8	27.3
30.4	29.8	29.5	**31.5**	31	28.9	27.1	26.8	26.8	26	25.2	25	27
32	**33.2**	31.2	30.2	30.5	29	27.7	27.2	26.9	26.3	26	25.3	27.6
31.7	31.2	31.6	31.4	30.5	29.1	28.5	28.5	28.4	27.9	26.5	26.3	**28.2**
31.2	31.3	**31.4**	30.2	29.4	28.5	28.3	27.5	24.6	**23.7**	24.1	24.4	27.6
28.8	28.6	30.1	**30.5**	29.6	27.6	27	26.8	26.8	26.4	26.6	24.7	27.2
30.6	29.8	27.9	27.7	27.9	27.8	27.5	27.1	26.7	27.4	27.1	26	27.2
28	**29.2**	28	28	28.2	27.6	27.5	26.6	26.2	25.9	26.2	25.4	26.5
31.3	29.1	26.4	25.4	25.3	25.9	25.7	25.3	25.3	25.2	25.1	25	26.3
29.9	**30.4**	29.1	29.8	28	27	26.5	26	25.7	25.6	25.5	25.4	26.5
25.9	26.3	27.1	**27.6**	25.7	24.6	**24.5**	24.9	25.1	25.2	25.6	25.3	25.7
27.2	27.2	27.3	**27.5**	27.3	26.7	26.6	26.9	25.4	25.3	25.4	25.5	26.1
27.2	**28.5**	25.2	25.8	26.6	25.2	25.7	25.7	24.7	24.5	24.4	24.6	25.5
28.1	27.7	26.7	27.7	26.3	25.3	25.2	25.2	25.1	25.5	25.4	25.6	26.1
28.8	**29.8**	28.5	27.5	27.5	26.9	26.7	26.8	25.2	25.2	25.8	25.7	26.9
24.8	26	26	**26.9**	25.4	25	23.9	23.9	23.8	23.8	**23.7**	**23.7**	25.1
26.8	25.7	25.6	25.5	24.6	25	24.8	24.8	24.4	24.1	23.8	23.9	**24.9**
28.2	25.5	24.6	25.6	25.8	26.1	26.2	26.3	26	25.4	25.3	25	25.7
24.9	25.7	26.8	25.2	25.8	25.7	25.9	25.9	25.1	25.3	**24.8**	24.9	25.9
26.9	26.5	26.2	26.1	25.9	25.5	25.1	25	24.6	24.4	24.6	24.5	25.6
29.9	29.7	27.5	28.1	27.2	26.5	26.3	25.2	25.4	24.7	24.2	**24**	26.3
29.6	30.1	**30.6**	30	29.4	26.8	26.7	26.8	25.6	24.9	24.7	24.5	26.6
27.5	27.8	27.5	26.8	26.3	26.1	26.1	**23.6**	24.1	23.8	23.9	24	25.7
25.3	26	25.3	25.6	25.9	25.2	25.3	25.4	25.7	25.8	25.4	25	25.3
26.3	25.2	26.4	26.2	26.7	24.4	26.7	26.7	26.3	**26.9**	**26.9**	26.6	25.6
26.7	27	**27.3**	26.9	26.3	26	25.7	25.7	25.8	25.9	25.7	**25.3**	26.2
27.1	26.5	**27.3**	27.1	26.7	26.3	26.2	25.9	25.5	25.1	25.1	25	25.7
28.8	**28.8**	28.2	28.4	27.7	26.8	26.4	26.1	25.6	25.4	25.3	25	26.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	**92**	**92**	88	91	90	81	81	81	74	69	64
2	84	85	86	89	89	90	93	91	90	87	80	73
3	**97**	96	94	94	93	91	85	71	72	67.5	68.5	66
4	**94**	91	92	88	87	88	86	**75**	77	77	78	78
5	**91**	90	90	90	90	**91**	78	73	70	66	67	63
6	88	89	90	88	90	89	92	**94**	76	67	71	70
7	94	89	83	87	88	86	85	81	77	77	72	68
8	**94**	93	**94**	93	91	90	88	76	71	73	68	65
9	89	88	97	91	94	**98**	90	77.5	80	76	76	69
10	91	88	93	92	92	93	**93.5**	87	76	80	74	74
11	93	93	**94**	91	88	92	84	86	75	76	72	71
12	87	91	93	92	**95**	93	91	85	81	92	89	84
13	95	95	94	93	94	95	93.5	87	80	74	75	69
14	**99**	**99**	97	97	97	97	97	88	79	78	80	78
15	88	90	91	93	93	93	93	96	94	94	93	92
16	94	**95**	94	93	**95**	**95**	93	90	88	92	90	87
17	93	93	92	92	92	94	**98**	92	88	93	92	87
18	90	94	90	94	95	95	**97**	92	88	85	78	92
19	93	95	93	93	94	92	91	85	78	**77**	**77**	78
20	96	94	93	**97**	93	94	93	92	94	93	93	93
21	**99**	98	98	93	88	95	93	95	94	92	90	84
22	**97**	94	89	90	89	95	96	96	93	90	**80**	82
23	89.5	88	89	88	89	90	90	93	89	88	90	**78**
24	93	94	**96**	95	92	92	92	89	**79**	82	**79**	81
25	**95**	93	92	92	92	89	91	91	88	83	77	**73**
26	94	92	92	97	96	**98**	97	82	79	78.5	85	77
27	93	94	93	95	96	**97**	94	**80**	**80**	82	91	79
28	89	92.5	**95**	**95**	90	**95**	89	92	90	93	91	92
29	**98**	94	91	96	91.5	97	96	91	91	90	87	**84**
30	**84**	88	86	87	86	86	89	92	88	**93**	92	86
31	88.5	92	93	92.5	96	94	96	95	89	91	93	90
Mean	92.3	92.2	92.1	92.1	91.8	**92.7**	91.1	87	83.1	82.6	81.2	78.3

VAPOR PRESSURE (^{mm}).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.5	21.7	21.4	20.1	20	19.9	22.1	23.8	24	**24.3**	24	23.2
2	20.5	20.6	20.1	20.2	20.2	20.5	**20**	22.7	23.3	23.7	23	23.9
3	22.2	22	21.1	21.1	**20.8**	**20.8**	21.1	**20.8**	22.9	22.8	22.3	22.3
4	21.8	21.5	21.2	20	**19.7**	19.8	21.9	21.9	23.2	24.2	23.3	23.5
5	21.1	20.2	19.8	19.8	**19.7**	20.1	20.9	22.6	21.5	21.4	21.3	22
6	20.5	20.7	20.8	20.5	20.4	**19.8**	**19.8**	20.6	20.5	20.3	20.9	22.7
7	22.1	20.7	19.4	19.6	19.6	**19.2**	21.6	21.7	21.8	22.3	22.7	22.4
8	22.3	21.8	21.6	21	20.5	**20.2**	22.3	22.2	22.6	22.9	21.9	22.1
9	22.8	21.4	23.4	21.8	22.7	23.5	**24.6**	22.4	23.3	23.2	**24.6**	22.5
10	22.1	21.1	21.5	21.2	**20.6**	21.3	**23.2**	23.1	22.9	23	21.8	22.9
11	21.3	21.2	20.7	21.8	21	21.4	22.5	**23.4**	21.9	23.3	22	22.3
12	22.6	22.3	21.2	**20.9**	21.1	**20.9**	**23**	22.5	22.3	22.4	22.5	22.6
13	22.1	21.7	21.1	**20.8**	21	21.1	23.2	23.4	23.1	22.5	23.2	22.1
14	22.7	22.7	21.7	21.4	**21.3**	**21.3**	21.5	21.7	21.9	21.9	22.9	23.1
15	21.4	21.7	21.9	22.2	22.2	22.2	22.2	23.3	23.2	23.6	**24**	23.5
16	22.4	22.2	22	22	22.1	22.1	22.6	22.9	**24.1**	23.8	22.9	23.1
17	22.3	21.3	21.9	21.4	21.3	22.4	**22.9**	20.9	21.9	22.8	22.8	22.7
18	**21.2**	22.3	21.5	22.1	22.2	22.1	22.9	22.1	23	**24.8**	23.8	23
19	22.6	22.6	22.2	**21.7**	21.9	**21.7**	22.9	22.5	22.6	23.5	23.7	24
20	23	23.2	22.6	23.3	22.8	22.3	22.2	22.9	22.8	22.3	21.7	22
21	22.4	22.4	22.2	20	**19.9**	21.9	**23.1**	21.1	21.5	22.9	21.8	22.9
22	21.5	22.6	21.9	**21**	**21**	21.4	21.6	21.9	22.2	23.1	22.5	**23.2**
23	22.6	22.1	22.5	22.2	22.2	22.3	22	22.3	22.2	22.6	**23.5**	23.2
24	21.7	21.8	21.5	21.9	21.6	21.7	22.1	22	22	22.2	21.6	21.3
25	21.3	21	21.6	21.7	21.7	21.1	21.5	21.9	22.4	23.7	**24**	21.5
26	20.7	21.1	21.3	21.7	21.2	21.3	21.9	21.8	22.5	23.6	21.6	21.7
27	20.9	21	21.2	21.9	21.6	21.7	**23.3**	23	22.7	22.6	21.3	21.3
28	**21**	22	21.3	21.3	21.3	22.2	**21**	21.7	22.1	22.5	**22.9**	21.9
29	22.2	20.7	**20.6**	22.3	20.9	22.5	21.9	21	22	22.1	20.7	21.5
30	21.9	21.5	22.3	**23.4**	21.7	22	22.7	21.9	21.6	23.1	22.9	22.2
31	22	21.8	21.7	22	21.7	21.6	22.4	23	22.3	22.9	23.1	**21.2**
Mean	21.8	21.6	21.5	21.4	**21.2**	21.4	22.2	22.2	22.5	**22.9**	22.6	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
61	60.5	61	**56**	69	72.5	72	75.5	76	78	82	84	**76.7**
70	64	64	**63**	73	83.5	78	88	92	93	95	**96**	83.2
66	67	**63**	78	82	85	90	90	93	93	92	93	82.8
82	81	80	**75**	78	83	87	90	93	93	93	92	84.9
65	**62**	86	66	72	76	86	88	88	88	88	89	79.7
72	69	70	**64**	67	75	87	86	83	87	93	**94**	81.3
61	**58**	67	71	68	75	81.5	86	89	91	92	**95**	80.1
63	66	64	68	68	79	80	80	82.5	84.5	**94**	**94**	80
68	69	71	71	**68**	75	77	78	87	90	89	91	81.6
73	76	71	**68**	74	80	83	84	80	88	86	93	82.9
65	71	78	78	72	76.5	79	82	86	80	86	85	81.4
79	**74**	79	79	77	81	80	89	90	92	85	92	86.2
68	72	82	89	94	96	**98**	**98**	**98**	97	**98**	**98**	88.9
72	**69**	75	71	82	90	90	89	92	92	89	90	87
95	92	88	**82**	94	92	92	92	92	**97**	95	94	92.3
83.5	**80**	84	82	82	82	83	83	88	90	93	94	88.8
83.5	**73**	95	89	81	87	88	88	92	92	93	92	90
82	88	92	90	90	92	92.5	93	96	94	94	92	91.1
78	**77**	78	86	88	91	92	89	96	**98**	93	93	87.7
89	**88**	89	90	93	**97**	92	**97**	93	95	95	**97**	**93.3**
83	88	88	93	92	92	94	89	95	96	96	91	92.3
82	94	96	94	92	91	87	89	91	95	96	95	91.4
92	93	89	90	88	86	85	85	92	93	94	**95**	89.3
84	87	86	88	88.5	91	92	91	93	91	93	**96**	89.4
73	77	84	80	81	84	84	92	85	91	94	**95**	86.5
73	75	**70**	73	72	76	82	80	88	92	93	92	84.7
82	84	84	81	85.5	84	85	90.5	87	92	94	94	88.2
89	**85**	89	89	86	93	93	91	89	89	94	94	91
86	90	90	89.5	**84**	91	90	88	88	86	87	87	90.1
85	86	**84**	88	87	90	92	92	92	91	90	89	88.5
89	94	**88**	90	**88**	92	94	93.5	96	**98**	97	**98**	92.8
77.2	77.7	80.2	79.7	81.2	85.1	86.6	88	89.8	91.2	92	**92.7**	86.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.8	23.1	22.8	22.1	21.8	20.8	19.5	20.3	18.9	**18.8**	19.6	20.3	21.5
23.6	22.7	23.2	23	23.8	**25.2**	20.2	21.6	21.9	22.2	22.2	22.3	22.1
23.5	23.8	22.5	**24.4**	23.1	23.2	22.9	22.8	22.9	22.2	21.7	22	22.3
24.5	24.6	**25.7**	24.4	24.6	24.3	23.7	23.3	23.1	23	22.7	21.6	22.8
22.1	21.5	22.2	22.3	**24**	21.9	21.8	21.1	20.9	20.8	20.6	20.7	**21.3**
23.1	21.4	21.3	22	22.5	22.1	**23.1**	22.4	21.6	21.7	22.2	22.1	21.4
21.7	21.8	22.6	22.8	22.2	22.3	22.4	23	**23.4**	23.2	22.9	22.7	21.8
21.9	22.2	22.1	23.1	21.9	23.7	23	23	23.7	23.6	**24**	23.7	22.4
23	23.4	24.2	22.8	20.6	21.8	22.1	21.2	20.1	**19.5**	19.8	20.8	22.3
21.6	22.1	22.6	22.2	22.8	21.9	21.9	22	21	22.4	22.3	21.5	22
21.3	22.2	21.8	21.5	**20.2**	21.2	21.6	21.8	22.5	21.7	22.8	21.1	21.8
22.1	22.3	22.1	22.1	22	22.3	21.8	**23**	22.8	22.8	21.6	22.1	22.1
23	21.6	20.9	21.5	22.6	23.8	**23.9**	23.4	23.4	23	23.1	23.2	22.4
22.6	22.3	22.4	22.2	23.1	**23.7**	23	22.3	22.5	22.4	21.7	21.7	22.2
23.6	23.3	23.5	22.5	23.1	**21.1**	**21.1**	21.6	21.9	23	23.2	22.6	22.6
22.4	21.4	22.7	22.4	22.1	**21.3**	21.5	21.7	**21.3**	21.5	22.3	22.8	22.3
22.4	21	22.6	22	21	**20.7**	21.7	21.5	21.2	21.1	21.2	21.2	21.8
23.3	24.4	23.9	**24.8**	22.8	21.9	22	22.2	22.7	22.8	22.7	22.4	22.8
23	23.9	22.6	23.4	**24.1**	24	23.9	23.3	22.8	23.2	23.1	22.9	**23**
20.7	21.9	22.3	**23.6**	22.3	22.8	**20.3**	21.5	20.4	20.8	20.6	21	22.1
21.6	21.7	21.4	22.4	21.2	21.7	21.9	20.7	21.6	21.4	20.9	20.1	21.6
23.2	22.8	22	22.9	22.7	22.9	22	22.5	22.7	22.9	23	22.4	22.3
21.4	22.9	23.3	21.4	21.6	21.1	**21**	**21**	21.9	22.2	21.9	22.2	22.2
22.1	**22.4**	21.8	22.1	22	22	21.7	21.3	21.4	**20.8**	21.4	21.9	21.8
22.7	23.7	23	22.6	21.8	21.6	21.3	21.8	**20.6**	21	21.1	21	21.9
22.5	**23.7**	22.7	23.1	22.1	**19.9**	21.3	21	21.6	21.6	21.5	21.1	21.8
22.4	23.2	23	21.2	21.7	21.1	21.3	19.6	**19.5**	20.2	20.7	20.8	21.6
21.4	21.3	21.4	21.8	21.4	22.2	22.2	21.9	21.9	22	22.7	22.1	21.8
21.9	21.4	22.9	22.6	21.9	20.8	**23.3**	22.9	22.3	22.8	22.9	22.6	21.9
22.1	22.7	22.5	23.2	22.1	22.5	22.5	22.5	22.7	22.6	22.1	**21.4**	22.3
23.6	**24**	23.8	23.9	22.9	23.3	23.6	23.2	23.2	23.1	22.9	23.2	22.8
22.5	22.6	22.6	22.7	22.3	22.2	22	22	21.9	21.9	22	21.9	22.1

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.											
2	A.-S.		A.-S.		A.-S.		A.-Cu.		Ci.-S.		A.-Cu.	
3	Ci.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
4	Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.	
5	Ci.		Ci.		Ci.				Ci.		Ci.	
6			Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	
7					A.-Cu.				Ci.-S.		Ci.	
8	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
9	Ci.				Ci.		Ci.				Ci.	
10	A.-Cu.				A.-Cu.		Ci.		Ci.-S.		Ci.	
11	A.-Cu.		Ci.		Ci.		Ci.		Ci.		Ci.	
12	Ci.-S.											
13	Ci.		Ci.	NE	Ci.		Ci.-Cu.		Ci.-Cu.		Ci.-S.	
14			A.-Cu.	E	A.-Cu.	E	Ci.-S.	ESE	Ci.-S.		Ci.-S.	E
15							Ci.-S.		Ci.-S.		Ci.-S.	
16			Ci.-S.									
17												
18									Ci.-S.			
19							Ci.-S.		A.-Cu.		A.-Cu.	
20												
21							Ci.-S.		Ci.-S.			
22											A.-Cu.	
23			Ci.-S.				Ci.-S.				Ci.-S.	
24					Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
25							Ci.-S.		Ci.-S.		Ci.-S.	
26	Ci.		A.-Cu.		A.-Cu.	WNW	A.-Cu.					
27	Ci.-S.	SW	Ci.-Cu.	WNW							Ci.-S.	
28												
29												
30												
31												

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.	SE	Cu.	SE	Cu.	SE	Cu.	E	Cu.	E
2	Fr.-N.	EbyS	Fr.-N.	EbyS	Cu.	EbyS	Fr.-N.	ESE	Cu.	ESE	Cu.	
3	Cu.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	E	Cu.	
4	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E
5	Cu.		Cu.		Cu.	E	N.-cf.	E	Cu.	E	Cu.	E
6	Fr.-N.		N.		Cu.		Cu.		N.-cf.	SWbyS	Cu.	
7	Cu.	E	Cu.	E	Cu.	E	N.-cf.	ESE	Cu.	E	Cu.	
8	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
9	Cu.		N.-cf.	NNW	Cu.-N.	SW	Cu.	SW	Cu.		Cu.	
10	S.-Cu.		Cu.	SW	Cu.	SW	Cu.	SW	Cu.		Cu.	
11	N.-cf.		Cu.	SW	Cu.	SW	Cu.	E	Cu.	E	Cu.	E
12	Cu.		N.-cf.		Cu.-N.	NNW	Cu.-N.	WSW	N.-cf.	WSW	N.-cf.	
13	Cu.		S.-Cu.		S.-Cu.	N	Cu.	NE	Cu.		Cu.	
14	Fr.-N.	NNE	Cu.		Cu.		Cu.		Cu.		Cu.	
15	N.	NNW	N.	NNW	N.	NNE	N.	NbyE	Cu.-N.	NNW	Cu.-N.	
16	Fr.-N.	WNW	N.-cf.	WNW	N.	W	Cu.-N.	W	Cu.-N.		Cu.-N.	
17	N.		N.	WSW	N.	WSW	N.	SW	N.	SW	Cu.-N.	WSW
18	N.	WSW	N.	WSW	Cu.-N.	SWbyW	Cu.-N.	SWbyW	Cu.-N.	WSW	N.	WSW
19	Cu.	W	Cu.-N.	W	N.-cf.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	WbyS
20	N.	SW	Cu.-N.	WSW	N.	WSW	N.	WSW	N.		N.	WSW
21	Cu.-N.	WSW	N.	WSW	N.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.	
22	Cu.-N.	WSW	Cu.-N.		Cu.-N.	W	Cu.-N.		Cu.	W	Cu.	WSW
23	N.	W	Cu.-N.		Cu.-N.	W	Cu.-N.	W	Cu.-N.		Cu.-N.	
24	Cu.-N.	SW	N.		Cu.-N.	WSW	Cu.-N.	WSW	Cu.		Cu.-N.	SW
25	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.		Cu.-N.	SW	Cu.	SW
26	Cu.		S.-Cu.	WSW	S.-Cu.	WSW	Cu.	WSW	Cu.-N.	WSW	Cu.-N.	WSW
27	Cu.		Cu.	SWbyW	Cu.		N.-cf.	W	N.	W	N.-cf.	
28	Cu.-N.	W	Fr.-N.	WNW	Cu.-N.	WNW	Cu.-N.	WNW	Cu.-N.	NW	Cu.-N.	
29	N.	SW	N.	SW	N.	SW	N.	WSW	Cu.-N.	WSW	Cu.-N.	WbyS
30	N.	WSW	N.	WSW	N.	WSW	N.	WSW	Cu.-N.	WSW	Cu.-N.	
31	Fr.-N.	SW	N.	SW	Fr.-N.	SW	Fr.-N.	SW	Fr.-N.	SW	Cu.-N.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
										Ci.	
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.			
Ci.		Ci.				Ci.		Ci.		Ci.-S.	
Ci.-S.				Ci.		Ci.		Ci.			
Ci.		Ci.						A.-Cu.		Ci.	
Ci.		Ci.								Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.		Ci.	
A.-Cu.		A.-Cu.		Ci.		Ci.-S.				Ci.-Cu.	
Ci.		Ci.								Ci.-S.	
Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.			
										Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
		Ci.-S.				Ci.-S.				Ci.-S.	
Ci.-S.											
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.				Ci.-S.		A.-Cu.		Ci.	
A.-Cu.	WNW	A.-Cu.		A.-Cu.	WNW	A.-Cu.		A.-Cu.		Ci.-Cu.	
Ci.-S.		A.-Cu.				Ci.-S.					
										Ci.-S.	
Ci.-S.						Ci.-S.		Ci.-S.		Ci.-S.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.	E	Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	EbyN
Cu.-N.	ESE	Cu.	ESE	Cu.	ESE	Cu.	ESE	Cu.-N.		Cu.-N.	ESE
Cu.		Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	
Cu.		Cu.	ESE	Cu.		Cu.	E	Cu.	E	S.-Cu.	E
Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.-N.		Cu.	
Cu.		Cu.-N.	SE	Cu.		Cu.	SE	Cu.	SE	Cu.	SE
Cu.-N.	ESE	Cu.-N.	ESE	Cu.	E	Cu.	E	Cu.	E	Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	SW	Cu.	SSW
N.-cf.	SW	Cu.		Cu.	SW	Cu.		Cu.	SW	Cu.	
Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.	ESE	Cu.-N.	
N.-cf.	W	N.-cf.	W	Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.	WSW	Fr.-N.	WbyS
Cu.	ENE	Cu.-N.	NE	Cu.-N.		N.	ENE	N.		N.	
Cu.	NbyE	Cu.	NbyE	Cu.	NbyE	N.-cf.		Cu.-N.	N	Cu.-N.	
N.	NNW	Fr.-N.	N	N.	N	Fr.-N.	N	Cu.-N.	N	N.	NNW
Cu.-N.	WSW	Cu.-N.	WSW	N.-cf.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	
Cu.-N.	WSW	Cu.-N.	WSW	N.	WSW	N.	WSW	N.	SWbyW	Cu.-N.	SWbyW
Cu.-N.	WSW	Cu.-N.	WSW	N.	WSW	Cu.-N.		Cu.-N.	WSW	N.	
N.		Cu.	SW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WbyS	Cu.-N.	
N.		N.	WSW	Cu.-N.	WSW	Cu.-N.		N.	W	Cu.-N.	
Cu.-N.	WSW	N.	WSW	Fr.-N.	W	Cu.-N.	WSW	N.	W	Fr.-N.	W
Cu.-N.	WSW	N.	WSW	N.	WbyS	N.	WbyS	N.		Cu.-N.	
N.	W	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.		Cu.-N.	
N.-cf.	W	Cu.-N.	WSW	S.-Cu.	WSW	S.-Cu.		N.-cf.	SW	Fr.-N.	SW
Cu.	SW	Cu.	WbyS	Cu.-N.	WbyS	S.-Cu.	WbyS	Cu.	SW	Cu.	
Cu.	WSW	Cu.	WSW	Cu.		Cu.-N.	WSW	Cu.-N.	SW	Cu.	
Cu.-N.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	W
Cu.-N.		N.	WNW	N.	WNW	Cu.-N.	WNW	Cu.-N.		Cu.-N.	
Cu.-N.	WbyS	Cu.-N.	WSW	Fr.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	N.	WSW
N.	WSW	Cu.-N.	WSW	N.-cf.	WSW	N.-cf.	WSW	N.	WSW	Cu.-N.	WSW
Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NE	0.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
2	NW	1	N	1	N	1	Calm	--------	Calm	--------	NE	1.5
3	Calm	--------	Calm	--------	NE	.5	NE	0.5	NE	1	NE	1.5
4	NE	.5	N	1	N	3	N	2	N	.5	NNE	1
5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
6	NE	1	E	1	N	1	NE	1.5	E	2	E	2.5
7	Calm	--------	Calm	--------	NE	1	NE	1.5	NE	1	NNE	1
8	SE	.5	SE	.5	SE	.5	E	.5	E	.5	NE	1.5
9	SW	2	SSE	1.5	NW	1.5	NNE	2	Calm	--------	SE	1.5
10	SW	4.5	WSW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
11	S	.5	S	.5	Calm	--------	SW	2	WbyS	1.5	Calm	--------
12	WSW	6.5	WbyS	4	Calm	--------	Calm	--------	E	.5	Calm	--------
13	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1
14	N	.5	N	2	NNE	3	NNE	2.5	N	2	N	3
15	NNW	1.5	N	1.5	N	1.5	Calm	--------	Calm	--------	NNE	1
16	NNW	1	N	1	NNE	1	NNE	1.5	Calm	--------	Calm	--------
17	S	3	SSE	1.5	SSW	5	SSW	5.5	SSW	4.5	SW	8.5
18	SW	1.5	SW	3	SW	6.5	SW	11.5	SSW	5.5	W	5.5
19	SSW	7	SW	4.5	SWbyW	4	SbyW	3.5	SbyW	3	SSW	3
20	WSW	8	W	12.5	WSW	9	SW	6.5	WSW	7.5	WSW	6
21	WSW	2	SW	1	WSW	1	NW	3.5	W	4	WSW	4
22	SSW	4	SWbyW	6.5	WSW	6.5	WbyS	3.5	W	3.5	Calm	--------
23	SW	6.5	W	4.5	WSW	8	WSW	7	SWbyW	7.5	WSW	4.5
24	S	3.5	SW	3.5	SSW	2.5	S	2.5	S	4	SSW	6.5
25	SE	1.5	SE	2	S	2	S	3	S	3	SSW	4.5
26	SE	1.5	SW	2.5	SW	2.5	Calm	--------	W	1.5	Calm	--------
27	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
28	WbyS	3.5	W	3.5	Calm	--------	SE	1.5	WSW	5.5	W	4
29	SWbyW	10.5	W	10.5	W	10	WSW	14	SWbyW	12	SWbyS	12.5
30	SbyW	8	WSW	12.5	SW	11.5	SW	12	SW	10	SSW	9.5
31	S	4.5	SE	2	SSE	3	SSE	4	SSW	7.5	S	6
Mean	------------	2.7	------------	2.8	------------	2.8	------------	3	------------	2.8	------------	2.9

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SSE	1	Calm	--------	W	3.5	W	1	Calm	--------	Calm	--------
2	Calm	--------	Calm	--------	ESE	1.5	SE	1	Calm	--------	Calm	--------
3	WNW	2	W	2.5	W	2	Calm	--------	ESE	1	Calm	--------
4	SSE	.5	SSE	.5	SE	.5	WSW	.5	W	.5	SE	1
5	WNW	5	WNW	4	Calm	--------	Calm	--------	Calm	--------	NE	2.5
6	SE	1.5	WNW	3.5	NE	1	SSW	1	Calm	--------	S	3.5
7	ESE	1.5	SE	2.5	SSE	6.5	SSE	5.5	SSE	6.5	SSE	1.5
8	WSW	4	WSW	4.5	WSW	9	WSW	7	WSW	6.5	SW	3.5
9	W	3.5	W	4.5	WSW	6.5	WSW	5.5	WSW	6.5	WSW	6.5
10	WSW	3.5	WSW	4	SWbyW	5	SWbyW	4	WSW	4.5	WSW	8.5
11	WSW	5.5	SSW	5	SW	6	WSW	3	SW	3.5	SW	2.5
12	SSW	2.5	SSW	1.5	WSW	1.5	WSW	2.5	WSW	1.5	WSW	2
13	W	3	W	2.5	NE	.5	NE	1	Calm	--------	Calm	--------
14	WbyN	5	WNW	4.5	WSW	2.5	WSW	1.5	Calm	--------	Calm	--------
15	Calm	--------	WSW	2.5	WSW	.5	WbyN	3.5	Calm	--------	N	7.5
16	SW	8	SW	8.5	SW	8.5	SW	6	SW	9.5	WSW	10.5
17	WSW	4	WSW	5	WSW	7	W	8.5	WSW	7.5	SW	4
18	WSW	6	WSW	5	WSW	3	WSW	3	SSW	7	SW	6
19	SWbyW	5	SSW	5.5	SW	7	SW	3.5	SW	7.5	SW	6
20	WbyS	7.5	WNW	3	W	3	SSW	2	WSW	3	SSW	1.5
21	WSW	7.5	WSW	10.5	WbyS	5.5	WSW	8.5	WbyS	5.5	WbyS	5
22	SWbyW	6	WSW	6.5	WSW	11.5	WSW	8.5	WSW	11.5	WSW	10.5
23	WSW	7	W	2	WSW	5	SWbyW	9	WSW	8.5	WSW	6.5
24	SbyW	2.5	SW	4	SW	4	SSW	4.5	SbyW	1.5	SE	.5
25	SW	4	SW	4	W	4	SW	4	SSW	5	SSW	5
26	WSW	3.5	WSW	3.5	WSW	5	WSW	6	WSW	6	WSW	7.5
27	WNW	3.5	WNW	3	WNW	1	WSW	7.5	WNW	4.5	WSW	6
28	SW	5	WSW	10	WNW	6	SW	3.5	WSW	4	WSW	5.5
29	SSW	12	SW	15	SSW	11	SSW	8	S	12	SSW	9
30	SSW	5	SSW	7	SSW	3.5	S	4.5	S	5.5	S	2.5
31	SW	2	SW	4	SW	6	SW	6.5	SW	4	SW	4.5
Mean	------------	4.1	------------	4.5	------------	4.4	------------	4.2	------------	4.3	------------	4.2

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	---	SSW	1	Calm	---	Calm	---	SE	3.5	SSE	1.5
Calm	---	Calm	---	Calm	---	Calm	---	E	1.5	SSE	1
NNE	1.5	NNE	4	NNW	4.5	NNW	4.5	WNW	5	WNW	3.5
ENE	1.5	Calm	---	SW	2	SE	2.5	SE	3	SSE	2.5
Calm	---	Calm	---	Calm	---	WSW	4	WSW	1.5	WNW	3
NE	2.5	E	1	E	3	Calm	---	SW	1.5	SSE	1
Calm	---	Calm	---	Calm	---	Calm	---	E	1	ESE	.5
NE	1.5	Calm	---	SE	2	SbyE	1.5	W	2.5	WNW	2.5
Calm	---	Calm	---	W	3	WSW	4.5	WSW	3.5	WSW	3.5
Calm	---	SW	3	SW	5.5	WSW	5.5	WSW	5	WSW	4.5
Calm	---	Calm	---	SW	2	WSW	3	SW	2	WSW	3
Calm	---	Calm	---	Calm	---	S	1	SSW	2.5	WSW	4.5
Calm	---	Calm	---	NW	1.5	NW	1.5	W	3	W	2.5
NNE	1.5	Calm	---	NW	2.5	NW	1.5	W	2.5	WNW	1.5
N	1.5	N	1.5	NNW	2.5	NNW	3	NNW	2	N	2
NNE	1	Calm	---	Calm	---	SWbyW	10.5	SW	9	SW	11.5
SSW	8	WSW	6	W	1	WSW	4	SSW	2	WSW	4
SSW	1.5	W	7.5	W	8	WbyS	5	W	4	W	4.5
Calm	---	SW	4.5	WSW	7	WSW	7.5	WbyS	10.5	WbyS	8
WSW	9.5	WSW	5	WSW	7	WSW	11	WNW	4.5	NW	4
W	3.5	WSW	4.5	WSW	6	SW	7	WSW	6	WSW	6
Calm	---	NW	1	SE	.5	Calm	---	WSW	2.5	WSW	4.5
SWbyW	4	SW	4	SWbyS	4	SW	7.5	WSW	3.5	SW	7.5
SSW	4.5	SSW	2.5	SSW	3	SSW	4	SWbyS	5	SW	3.5
SSW	3.5	SSW	5	SSW	3	SSW	3	SSW	3	SSW	10.5
Calm	---	Calm	---	WSW	3	WSW	4	WbyS	7	WbyN	4.5
Calm	---	ESE	1	Calm	---	WNW	4	WNW	6	WNW	3.5
WNW	3	Calm	---	NWbyN	1.5	WbyN	2	NNW	4	WNW	4.5
SW	14.5	SWbyS	13	SWbyS	14.5	SWbyW	19.5	SW	13	SW	11
WSW	15	WSW	7.5	SW	9.5	SSW	6	SW	6	SW	6
SSE	1.5	Calm	---	SSE	1	SSW	2.5	WSW	2.5	SW	4
---	2.6	---	2.3	---	3.1	---	4.2	---	4.1	---	4.3

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	---	N	1.5	N	3	NE	3	N	1.5	Calm	---	0.9
Calm	---	NNE	1	Calm	---	Calm	---	Calm	---	Calm	---	.4
Calm	---	E	.5	E	.5	Calm	---	Calm	---	Calm	---	1.5
ESE	0.5	Calm	---	Calm	---	SE	.5	ESE	.5	Calm	---	1
NNE	2	E	1.5	NE	1	Calm	---	N	1	NE	1	1.1
Calm	---	SSE	1.5	ESE	1	Calm	---	Calm	---	Calm	---	1.3
SSE	1	SSE	1	SSE	1	SE	.5	SSE	1	SE	.5	1.5
WSW	5	WSW	4	WSW	3.5	Calm	---	NNE	1	NE	1.5	2.6
WSW	3.5	WNW	5	NbyW	4.5	ENE	2	ENE	2	S	2	3.1
SWbyW	6.5	SWbyW	5	SWbyW	4.5	SWbyS	3	SW	1.5	S	1	3.4
SW	3.5	SSW	3.5	SW	4.5	WSW	5	WSW	4	WSW	3.5	2.7
WSW	1.5	NE	.5	E	.5	Calm	---	NW	3.5	N	1.5	1.6
E	1	E	1	E	1	ENE	1	NE	1	NE	1.5	1
Calm	---	Calm	---	NW	1	Calm	---	NbyW	2	NNW	2	1.7
NNW	2	NNW	2.5	NNW	2.5	WNW	3	WNW	1.5	WNW	.5	1.8
WSW	10.5	SW	10	SW	7	SWbyW	9	SSW	4.5	SbyW	4	5.5
SW	3	SSW	2.5	SSW	2	SSW	1	SSW	1	SSW	1	4.1
WSW	5	SSW	3.5	SWbyS	3.5	SW	5	SWbyW	2	SSW	4.5	4.9
SW	6	WSW	5.5	SW	6	SW	13	W	10	WSW	7.5	6
WNW	4.5	W	2.5	NW	2	NNW	1.5	Calm	---	Calm	---	5
SW	4	SW	6	SWbyS	5.5	SSW	1	WSW	3.5	W	2.5	4.7
WSW	9.5	WSW	7.5	WSW	9	WSW	3	SW	2.5	W	3	5.1
WSW	6	SW	4.5	SW	9	SW	4.5	S	3.5	S	3.5	5.7
SSW	3	SE	2	SE	1.5	SE	2.5	S	2.5	SE	2	3.1
S	4	SSW	3	SSW	5	SSW	3	SSW	2.5	SE	2	3.7
WSW	4	WSW	2.5	Calm	---	Calm	---	NE	1	Calm	---	2.7
WSW	3.5	WNW	4	WSW	2	ESE	1	Calm	---	SE	1.5	2.2
WSW	5	SWbyW	5	SWbyW	10.5	WSW	9	SW	9.5	SWbyW	8.5	4.8
SSW	15.5	SW	10.5	SSW	9	SSW	9.5	SWbyS	10.5	SW	12	12
S	1.5	SSE	2.5	SSE	4	SSE	4	SSE	5.5	SSE	2	6.7
SW	4	SSW	.5	SSE	1.5	Calm	---	Calm	---	Calm	---	3
---	3.7	---	3.2	---	3.4	---	2.7	---	2.5	---	2.2	3.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5.5	4	3	2	1	2	0	2	3	4	8.5	9.5
2	4.5	4.5	5	3	1	4	.5	1.5	1	7	4	2
3	0	1.5	3.5	3.5	4.5	6.5	9.5	12	15	13	20	15
4	3.5	6	10.5	10	5	5	5	3	2	7	10	8
5	1	1.5	.5	4.5	.5	1	2	4.5	1.5	10	11	10
6	3	3	2	3	6	7	6	6	5	5	6.5	6.5
7	1.5	1	4	7.5	4.5	5.5	0	2	3	3	5	5
8	2	2.5	1.5	2.5	1.5	3	3.5	1.5	3	7	7	10
9	8	6	5	4	8	3	1.5	2	6.5	15	14	13
10	8	15	1.5	3.5	2	4	4	7	14	21	39	18
11	4	4	1	7	8	1	3.5	4	6	5.5	8.5	12
12	20	18	10	3.5	4.5	4.5	3.5	1	1	5	6	8
13	1.5	.5	1.5	1.5	1	2	3	1.5	1.5	9	12	12
14	6.5	6.5	11	8	6.5	7.5	7	3	8	11	14	15
15	10	7	9	4	.5	1	3.5	5	7	9	10	8.5
16	2	2	4.5	6	4.5	.5	3.5	1.5	3	23	50	43
17	12	4	19	22	16	23	27	23	13	6	12	16
18	5	10	18	25	20	13	10.5	12.5	27	28	26	31
19	22	32	16	20	15	11	5	8	30	26	44	38
20	36	38	33	28	26	29	26	24	25	31	32.5	15.5
21	10.5	4.5	2.5	15	16	13	14	20	26	31	40	33
22	15	22	34	16	11	5	4	6.5	4.5	3	16.5	20.5
23	16.5	22	20	27	26	25	12	11.5	11.5	21	28	26
24	18	17	9	13	17	15	13	10	12	15	26	24
25	4.5	7	8	14	15	17.5	14.5	12	11	11	17	22
26	4	5	17	5	4.5	4.5	4.5	1.5	11	19	33	19
27	1	1	1.5	1.5	1.5	1	2	1.5	3	12	24	23
28	7	12.5	4	3.5	16	27	26	6	4	11	7	21
29	45	30	36	51	54	48	43	50	51	49	69	47
30	37	38	48	45	40	34	41	44	34	34	31	23
31	18	10.5	7	14	11.5	25	11	0	2.5	4	12	30
Mean	10.7	10.9	11.2	12	11.2	11.2	10	9.3	11.2	14.7	20.8	18.9

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	3	4	5	4	5	5	5	7	7	8	9	5.3	8	25
2	9	9	9	10	10	10	8	7	7	8	8	7	8.5	4	15
3	4	7	4	4	4	4	6	7	9	9	7	7	6	6	35
4	4	4	6	8	10	9	9	10	10	10	7	7	7.8	2	40
5	5	5	6	9	9	9	9	9	9	10	10	10	8.3	6	35
6	10	10	8	8	10	9	8	9	5	4	4	6	7.6	6	05
7	2	6	8	8	6	5	7	6	8	8	9	9	6.8	5	00
8	5	7	7	5	7	9	5	4	2	2	2	7	5.2	8	30
9	5	9	8	6	2	4	4	3	5	5	9	9	5.8	6	25
10	9	9	9	9	9	10	9	7	5	5	5	5	7.6	5	50
11	8	6	7	5	5	6	9	8	10	10	10	10	7.8	5	05
12	10	10	10	10	10	10	9	10	10	10	10	10	9.9	1	00
13	8	5	6	7	6	5	4	9	8	10	10	9	7.2	4	35
14	10	10	8	9	9	10	10	10	10	10	10	10	9.7	4	20
15	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
16	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
17	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
18	10	10	10	10	10	10	10	10	10	10	10	10	10	0	50
19	8	10	10	10	10	8	10	10	10	10	10	10	9.7	1	35
20	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
21	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
22	10	10	10	10	10	10	10	10	10	10	10	10	10	1	15
23	10	10	10	10	10	10	10	10	10	10	10	10	10	0	35
24	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
25	10	10	10	10	10	8	10	8	10	7	7	4	8.7	0	45
26	8	10	10	9	10	10	8	8	8	8	9	7	8.8	3	20
27	8	3	9	10	10	10	10	10	10	10	10	10	9.2	2	00
28	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
29	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
30	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
31	10	10	10	10	10	10	10	10	10	9	10	10	9.9	0	00
Total														85	40
Mean	8	8.5	8.7	8.8	8.7	8.7	8.7	8.7	8.8	8.8	8.9	8.9	8.7	2	46

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
8	9	9	12	9	5	12	5	11	12	8	2	6.1
5	6	7	6	6	4.5	5.5	7	3	0	3	1	3.8
15.5	13.5	11	7	7	5	3	4	3	1	0	1	7.3
7	7	4.5	5	6.5	3	3.5	2.5	1	3	5	3	5.2
14	11	9	3	1	2	7	6	3	3	3	3	4.7
7	13	11	3	5.5	7.5	5	6	6	4.5	.5	0	5.3
7	16.5	17.5	17	17	10	8	6	3	2.5	2.5	2	6.3
21	20	32	30	27	23	23	20	15	7	2	2	11.1
13	22	33	32	30	28	19	20	18	7	4	9	13.4
15	18	21	19	18	23	24	20	15.5	9.5	10	4	13.9
17.5	21	23	21	20	15	15.5	11.5	13	24	30	27	12.6
8	8	8	11	5	4.5	9	4.5	3.5	1.5	13	9	7.1
14	12	7	7	5	1	1	4	3	4.5	3.5	6	4.8
11	13	5.5	2	1.5	2	6	8	1	3	5	9	7.1
1.5	3	9	14	4	17	10	9	9	10	5	1.5	7
35	36	32	32	36	42	36	32	25	30	25	18	21.7
23	24	23	26	20	22	14	15	6.5	5.5	4	3	15.8
19	21	14	12	20	25	25	13.5	13.5	22	15	16	18.4
30	24	36	15	14	31	27	20	19	27	40	26	24
23	14	9	13	17.5	5	18.5	8.5	14.5	3	3	.5	19.7
36	34	29	26	25	22	18	21	18	4.5	8.5	10	19.9
23.5	22	40	32	45	35	24.5	24.5	29	18.5	9.5	6.5	19.5
30	15	21	37	35	35	29	26	31	29	16	14	23.5
16	21	21	17	10.5	6	13.5	13	8	11	12	10.5	14.5
19	21	18	22	22	24	20	7	12	21	8	5	14.7
17	14	25	25	27	23	21	18	4	1.5	3	2.5	12.9
10	12	7	20	20	17	16	15	20	4	1	3	9.1
27	23	24	24	19	26	26	22	30	36	31	43	19.8
41	48	42	33	46	36	38	43	36	35	36	41	43.7
32.5	34.5	23	20	23.5	15	6.5	12.5	14.5	14	21	9.5	28.1
6	12	20.5	26	17.5	16	8.5	1.5	5.5	.5	2.5	1.5	11
17.8	18.3	19.1	18.4	18.1	17.1	15.9	13.7	12.7	11.5	10.6	9.3	13.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	3	------	2	------	------	------	1	2	------	1	------	------	2	------	------	------	13	146.5	3.8	0.3
2	2	1	1	------	1	1	1	1	------	------	------	------	------	------	1	------	15	92	3.5	------
3	------	2	4	------	2	1	------	------	------	------	------	------	2	3	------	2	8	175	3.8	------
4	4	1	1	1	------	2	5	3	------	------	1	1	1	------	------	------	4	126	2.7	------
5	1	1	3	------	1	------	------	------	------	------	------	2	------	3	------	------	13	113	2.5	7.1
6	1	------	4	------	5	1	1	2	1	1	1	------	------	1	------	------	6	128	5.4	9.2
7	------	1	3	------	1	2	3	8	------	------	------	------	------	------	------	------	6	151	3.7	------
8	------	1	3	------	2	------	4	------	1	------	1	8	1	1	------	------	2	267	4.6	------
9	1	1	------	2	------	------	1	1	1	------	1	8	3	1	1	------	3	321	3.8	11.8
10	------	------	------	------	------	------	------	------	1	------	5	13	------	------	------	------	5	334	3.6	1.5
11	------	------	------	------	------	------	------	------	2	2	8	7	1	------	------	------	4	303	3.3	1.6
12	1	------	1	------	2	------	------	------	1	3	------	7	1	------	1	------	7	170	1.1	34.5
13	------	------	5	1	3	------	------	------	------	------	------	------	4	------	2	------	9	115	1.6	2.1
14	5	3	------	------	------	------	------	------	------	------	------	2	1	3	3	1	6	171	2.7	2.5
15	6	1	------	------	------	------	------	------	------	------	------	2	------	4	------	7	4	167.5	.1	31.2
16	1	3	------	------	------	------	------	------	------	2	9	4	------	------	------	1	4	522.5	1.6	7.4
17	------	------	------	------	------	------	------	1	1	10	3	7	2	------	------	------	------	379	.2	43.2
18	------	------	------	------	------		------	------	------	5	7	6	6	------	------	------	------	442	.9	55.4
19	------	------	------	------	------	------	------	------	------	5	9	6	3	------	------	------	1	576	2.3	22.3
20	------	------	------	------	------	------	------	------	------	2	1	9	4	3	2	1	2	473.5	.8	83.7
21	------	------	------	------	------	------	------	------	------	1	5	11	6	------	1	------	------	477.5	.4	75.8
22	------	------	------	------	------	------	1	------	------	1	1	14	3	------	1	3	------	468	.9	28.5
23	------	------	------	------	------	------	------	------	------	2	8	12	2	------	------	------	------	564.5	1	14.1
24	------	------	------	------	------	------	5	------	4	10	5	------	------	------	------	------	------	348.5	1.3	2.4
25	------	------	------	------	------	------	3	------	4	13	3	------	1	------	------	------	------	352.5	2.5	1.5
26	------	------	1	------	------	------	1	------	------	------	2	10	2	1	------	------	7	309	3	.8
27	------	------	------	------	------	2	1	------	------	------	------	4	------	8	------	------	9	218	3.9	13.8
28	------	------	------	------	------	------	1	------	------	------	3	9	3	4	------	2	2	476	.3	5
29	------	------	------	------	------	------	------	------	1	7	10	4	2	------	------	------	------	1,048	.5	53.9
30	------	------	------	------	------	------	------	5	4	6	6	3	------	------	------	------	------	675.5	1.4	29
31	------	------	------	------	------	------	1	5	2	3	8	1	------	------	------	------	4	263.5	.4	32
Total	25	15	28	4	17	9	29	28	23	74	97	150	50	32	12	17	134	10,374	67.6	570.6
Mean	0.8	0.5	0.9	0.1	0.5	0.3	0.9	0.9	0.7	2.4	3.1	4.8	1.6	1	0.4	0.5	4.3	334.6	2.2	18.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	759.90	11.00p.	**34.8**	2.15p.	92	24.3	756.40	3.15p.	23.7	5.30a.	**56**	**18.8**
2	**60.55**	8.45a.	33.5	4.10p.	96	25.2	**57.95**	3.40p.	24	4.30a.	63	20
3	60.45	8.50a.	33.8	2.50p.	97	24.4	57.65	3.10p.	23.7	5.05a.	63	20.8
4	60.05	8.30a.	32	3.20p.	94	**25.7**	57	3.40p.	23.8	5.40a.	75	19.7
5	59.10	9.15a.	33.4	1.55p.	**91**	24	56.49	4.00p.	23.4	5.20a.	62	19.7
6	59.05	10.05p.	33.2	0.55p.	94	23.1	56.60	3.40p.	23.3	6.55a.	64	19.8
7	59.65	10.50p.	34.1	1.35p.	95	23.4	56.50	2.15p.	23.5	5.35a.	58	19.2
8	59.35	0.05a.	32.7	0.55p.	94	24	56.45	5.15p.	23.8	5.35a.	63	20.2
9	58.80	9.35a.	32.8	1.45p.	98	24.6	55.65	3.50p.	23.7	10.00p.	68	19.5
10	58.70	9.20a.	31.1	3.55p.	93.5	23.2	55.75	4.35p.	23.9	5.30a.	68	20.6
11	58.90	10.20p.	32	1.45p.	94	23.4	56.20	1.55p.	23.8	2.55a.	65	20.2
12	60	11.25p.	31.4	1.45p.	95	23	57.55	3.40p.	23.7	5.45a.	74	20.9
13	59.45	0.05a.	32.5	1.20p.	98	23.9	56.86	3.00p.	24	5.15a.	68	20.8
14	57.75	0.05a.	31.5	1.35p.	**99**	23.7	54	5.55p.	23.5	5.20a.	69	21.3
15	54.40	0.55a.	27.8	4.10p.	97	24	51.20	3.10p.	24.1	6.25p.	82	21.1
16	54.45	10.40p.	28.6	0.40p.	95	24.1	51.30	3.30a.	**24.4**	5.50a.	80	21.3
17	55.60	10.40p.	29.2	2.05p.	98	22.9	53.30	2.05a.	24	10.45p.	73	20.7
18	56.70	10.40p.	30.5	10.45a.	97	24.8	53.84	4.00p.	24.2	0.15a.	82	21.2
19	57.20	Midnight.	31.2	11.50a.	98	24.1	54.10	2.55p.	**24.4**	4.15a.	77	**21.7**
20	58.10	9.40p.	27.9	4.25p.	97	23.6	55.50	4.25p.	23.6	8.30p.	**88**	20.3
21	57.85	8.35a.	28.1	0.05p.	**99**	23.1	55.85	4.10a.	22.9	4.20a.	83	19.9
22	56.55	0.05a.	30.1	10.35a.	97	23.2	54.35	5.30p.	23.6	0.05a.	80	21
23	54.70	0.05a.	30.3	11.45a.	95	23.5	52.60	4.15p.	24	9.45p.	78	21
24	55.60	9.55p.	28.9	9.05a.	96	**22.4**	52.80	3.35a.	24.1	3.10a.	79	20.8
25	57.95	9.45p.	31.2	1.45p.	95	24	54.40	3.15a.	23.7	1.20a.	73	20.6
26	58.70	10.15p.	31.7	2.20p.	98	23.7	56.45	3.45p.	23.6	6.00a.	70	19.9
27	58	10.50a.	30.5	9.25a.	97	23.3	55.20	4.40p.	**22.8**	8.05p.	80	19.5
28	56.05	0.05a.	**27**	11.05a.	95	22.9	51.85	Midnight.	23.7	0.05a.	85	21
29	**52.85**	10.10p.	27.7	9.50p.	98	23.3	**49.15**	3.10p.	23.5	8.05a.	84	20.6
30	56.20	10.15p.	28.7	2.35p.	93	23.4	51.70	1.20a.	24.2	2.10a.	84	21.4
31	58	11.15a.	28.6	1.20p.	98	24	55.15	2.40a.	24	5.10a.	**88**	21.2
Mean	757.76	--------	30.9	--------	95.9	23.7	754.83	--------	23.8	--------	73.6	20.5

DAILY GENERAL REMARKS.

1----d° in the early morning; ⛈° NE quadrant, d° in the afternoon; ⛈ NW quadrant in the evening.
2----○°, ⛈° N in the afternoon.
3----⛈ SE quadrant, d° in the afternoon; ↯ NW quadrant in the evening.
4----p° 2.30 p. m.
5----●, ⊤ NE and SW quadrants in the afternoon.
6----●, ○° in the morning; ⊤ NE quadrant in the afternoon.
7----Cloudy weather.
8----Somewhat gusty WSW winds in the afternoon.
9----●° early in the morning; ↯ NW quadrant in the evening; ● at night.
10----●° in the early morning.
11----d° in the afternoon; ●° at night.
12----● in the morning and at night.
13----⊤ E, NE, S, ●° in the evening.
14----○ in the afternoon; d° in the evening; ● at night.
15----Somewhat rainy weather.
16----● in the morning and at night with gusty SWly winds.
17----Rainy weather in the morning and afternoon with somewhat gusty SSW winds veering to WSW.
18----As yesterday.
19----Gusty SWly winds at intervals with ● in the early morning and at night.
20----Rainy weather, especially at night with gusty WSW winds in the morning; ⊤° N 2.25 p. m.
21----Rainy weather, especially in the early morning with gusty WSW winds.
22----● in the morning and afternoon with gusty WSW winds.
23----Gusty SWly winds at intervals with ● or d.
24----●° at night.
25----●° in the morning and at night.
26----d early in the morning.
27----d in the forenoon; ● at night.
28----●° in the morning, afternoon and at night; with some gusty SWly winds.
29----Squally and rainy weather, especially in the morning.
30----Squally and rainy weather, ⊤ S quadrant in the morning; d° in the afternoon.
31----● in the morning; ●° in the afternoon and at night.

OBSERVATIONS FOR AUGUST, 1913.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	56.45	56	55.80	56	56	56.14	56.37	56.59	56.86	57.06	56.84	57.03
2	56.85	56.30	**56.10**	56.30	56.80	57.44	57.09	57.62	58.07	58.07	57.96	57.21
3	57.90	57.45	57.80	57.60	57.50	57.69	58.09	**58.46**	58.06	58.15	58.39	58.30
4	57.25	57.15	56.65	56.70	56.75	57.27	57.70	57.71	57.93	**58.07**	57.94	57.69
5	56.90	56.55	56.25	55.90	56.10	56.27	56.66	57.10	57.11	**57.12**	56.84	56.22
6	56	55.75	55.80	55.85	55.75	56.04	56.44	56.44	56.94	56.83	56.59	56.27
7	57.05	56.10	56.35	56.30	56.45	55.96	56.90	**57.65**	57.40	57.34	57.56	56.99
8	57.75	57.85	58.05	57.45	56.95	57.05	57.79	57.97	57.80	57.81	57.35	57.03
9	58.35	57.70	57.40	57.40	57.35	57.60	57.99	58.14	58.53	58.49	58.17	58.07
10	58	57.30	57.25	57.15	57.30	57.55	57.85	58.07	**58.28**	58.04	58.01	57.67
11	56.90	56.75	56.10	56.10	56.35	56.74	57.14	57.49	57.63	57.62	57.13	56.62
12	56.90	56.30	56.05	56.10	56.15	56.57	57.11	57.44	57.45	57.33	57.32	56.98
13	57.30	57.10	56.95	56.85	56.80	56.95	57.10	57.63	**57.93**	57.89	57.87	57.33
14	57.25	56.95	56.60	56.65	56.60	57.14	57.19	57.39	57.74	57.77	**58.04**	57.55
15	**55.90**	55.45	55.20	55.05	54.65	54.80	55.07	55.21	55.21	55.25	54.99	54.40
16	52.65	51.65	51.80	**51.50**	51.80	52.21	52.91	52.96	53.12	53.34	53.79	54.11
17	57.20	57.10	57.35	57.20	**57.05**	57.56	57.90	58.46	59.10	59.63	59.30	58.94
18	59.55	59.40	59.40	59.25	59.40	59.59	59.99	60.15	60.31	**60.37**	60	59.44
19	**59.05**	58.55	58.20	57.90	57.80	57.78	57.98	58.27	58.28	58.10	57.67	57.13
20	56.35	56.50	56.60	56.35	56.50	56.28	56.75	56.98	57.03	57.18	56.90	56.82
21	57.15	57	56.60	56.45	56.65	56.89	57.21	57.09	57.14	57.32	57.31	56.97
22	**57.55**	57.10	56.80	56.50	56.50	56.39	56.68	57.16	57.49	57.35	57.28	56.79
23	57.15	56.55	56.35	56.05	55.95	56.07	56.64	57.14	57.32	57.32	57.25	56.90
24	57.50	57.15	56.80	56.60	56.60	56.80	57.39	57.77	57.95	57.83	57.74	57.32
25	58.20	57.90	57.75	**57.65**	**57.65**	58.21	58.95	59.24	59.34	59.50	59.29	59
26	**59**	58.75	58.15	58	57.95	58.04	58.25	58.48	58.68	58.50	58.10	57.60
27	**55.40**	54.80	54.45	54.40	54.10	54.36	54.45	54.91	55.01	54.96	54.59	53.95
28	53.70	53.50	**53.35**	**53.35**	53.45	53.69	54.49	54.86	54.81	54.96	54.75	54.24
29	56.25	56.10	55.95	**55.80**	56.15	56.66	57.11	57.89	57.80	57.89	57.97	58.13
30	58.25	58	58.05	57.95	58	58.29	58.91	58.93	58.94	58.97	58.85	58.40
31	59.15	58.60	58.15	57.85	57.90	58.39	58.69	59.19	**59.21**	59.12	58.64	58.29
Mean	57.12	56.75	56.58	56.46	56.48	56.72	57.12	57.43	57.56	57.59	57.43	57.08

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.9	24.8	24.8	24.7	24.8	24.9	25.8	27.1	25.7	25	25.4	27.5
2	25.2	25.2	24.9	25.2	24	24.2	24	24.2	24.4	25.1	25.2	26.5
3	24.9	24.7	24.9	25.3	25.3	25.5	25.5	26.4	26.7	27.3	28	28.6
4	25.1	25.1	25	25.1	25.3	25.5	25.7	**26.5**	25.9	24.9	25	24
5	24.4	24.4	23.5	23.2	**22.9**	**22.9**	24	25.5	26	**28.3**	28	28
6	25.2	25	25.1	25.3	25.3	25.1	25.2	25.9	27	28	29	29.1
7	**23.9**	24	24.8	25.1	25.1	25.1	25.2	24.5	25.5	27.4	27.2	**28.6**
8	24.8	**23.8**	24.3	24.1	24	23.9	24.5	25.7	26.4	26.6	28.1	28.9
9	24.6	**24.4**	24.6	**24.4**	**24.4**	24.6	26.3	27.9	29.6	29.9	30.4	**30.7**
10	**26**	26.2	26.3	26.7	27	27	27	27.9	27.3	29.6	**30.2**	**30.2**
11	27.4	27.2	27	26.1	26.4	**24.5**	24.7	26.5	26.8	27	27.5	**28.8**
12	24.1	**23.7**	23.8	23.9	23.9	24	24.5	26.7	28.1	28.7	28.7	28.4
13	24.5	24	24.1	24	24	**23.9**	25.1	26.3	26.5	28.4	28.3	28.9
14	25.4	25.5	25.1	24.7	24.4	**24.3**	24.7	24.7	26.8	27.3	28	28.4
15	26.4	25.6	25	**24.8**	25.4	25.4	26.9	26.5	28.9	28.7	29.2	30
16	26.3	26.7	26.2	26.3	26.5	25	**24.1**	24.3	26	27.7	27.8	28
17	23.8	23.8	23.7	23.7	24	24	25.6	27.7	28.7	29.5	30.2	**31.4**
18	24.2	23.9	23.5	**23.4**	**23.4**	**23.4**	24.5	27.8	28.5	28	28.9	30.2
19	24.9	24.6	24.4	24.6	24.5	24.6	26.7	27	28.8	28.9	29	29.9
20	24.1	24.1	24.1	24.1	24.2	**24**	24.7	25.3	25.9	28.3	28.4	27
21	24.9	24.7	24.6	24.6	24.4	**24.2**	25.7	28.2	29.1	29.1	30	30.2
22	26.1	25.5	25.6	25.2	24.5	**23.9**	24.8	27	27	29	28.7	**30.3**
23	24.6	24.5	24.4	24.4	**24.3**	**24.3**	27	27.8	29.6	30	30.1	30.1
24	25.7	25	24.7	24.5	24	24	26.4	28.7	29	26.2	28	29
25	**23.8**	**23.8**	**23.8**	**23.8**	**23.8**	24.7	25.8	25.4	27.8	26.9	28	**28.8**
26	25.5	25.5	24.7	24.9	24.6	**23.9**	25.7	26	27.2	25.4	26.5	**28.4**
27	24.3	24.5	**24.2**	24.5	24.5	24.4	24.8	26	27.1	27.5	28	**29.9**
28	**24.7**	**24.7**	24.8	24.9	24.9	**24.7**	25.9	27.9	27.4	**29.5**	28.9	28.8
29	24.7	24.9	24.7	24.3	**24.1**	24.3	25.5	27.8	28.4	29.2	**29.5**	26.8
30	24.2	23.6	23.4	**23**	23.2	23.1	25.8	27.5	28.9	29.3	29.5	29.7
31	24.8	24.5	25.4	25	24.8	24.8	25.3	24.8	27	29.2	28.6	29.7
Mean	24.9	24.8	24.3	24.6	24.6	**24.5**	25.4	26.5	27.4	27.9	28.3	**28.9**

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.09	55.94	**55.45**	55.64	55.73	56.59	56.79	56.90	**57.40**	**57.40**	57.35	57.30	56.49
57.36	57.31	57.04	56.49	56.90	57.06	57.55	57.90	58.25	**58.45**	58.25	58.10	57.35
57.75	57.42	57.49	**57.30**	**57.30**	57.41	57.65	57.95	58.15	58.05	57.75	57.60	57.80
57.49	57.06	56.84	56.54	56.41	**56.34**	56.59	56.85	57	57.05	56.80	57.05	57.12
56.14	55.89	55.68	**55.65**	**55.65**	55.69	56	56.30	56.50	56.85	56.75	56.60	56.36
55.68	55.27	**55.15**	55.32	55.87	56.44	56.85	57.20	57.50	**58.05**	**58.10**	58.05	56.42
56.69	56.25	56.10	**55.75**	55.80	56.12	56.63	57.15	57.60	57.60	57.60	57.50	56.78
56.89	56.66	56.62	**56.39**	56.73	57.31	57.82	58.15	58.70	59.05	**59.20**	58.75	57.63
57.93	57.57	57.10	**57.07**	57.18	57.24	57.50	58	58.20	58.55	**58.70**	58.45	57.86
57.35	56.85	56.67	**56.55**	56.77	57.02	57.20	57.60	57.90	58.05	57.75	57.10	57.47
56.18	55.83	55.63	**55.49**	55.55	55.99	56.57	56.90	57.45	57.75	**57.85**	57.75	56.73
56.27	56.08	**55.72**	55.92	56.30	57.08	57.57	58.05	58.35	**58.65**	58.05	57.40	56.96
56.64	56.02	56.07	56.01	**56**	56.34	56.65	56.60	57.15	57.65	57.75	57.55	57.01
56.94	56.02	55.54	55.54	**55.25**	55.89	56.12	56.40	56.35	56.15	56.35	56	56.64
53.52	53.02	52.34	**51.97**	52.10	52.29	52.67	52.85	53.50	53.65	53.20	52.95	**53.97**
54.16	54.43	54.34	54.06	54.55	55.49	56.25	56.50	57.50	57.75	**58**	57.85	54.28
58.66	58.61	58.19	57.85	58.37	58.78	59.45	59.95	59.70	**60.10**	60.05	59.85	58.60
58.93	58.43	57.97	**57.86**	57.99	58.27	58.54	59.40	59.50	59.50	59.50	59.40	**59.26**
56.36	55.53	55.77	55.78	**55.37**	55.61	56.29	56.65	57.75	57.75	57.60	56.95	57.26
56.02	55.99	55.82	**55.64**	55.69	56.11	56.22	56.60	57.20	**57.70**	57.45	57.40	56.58
56.28	56.15	56.22	**55.95**	56.17	56.53	56.66	57	57.35	57.60	**57.75**	57.70	56.88
56.32	55.66	55.64	**55.60**	55.95	56.39	56.79	56.85	57.20	57.25	57.30	57.25	56.74
56.16	55.66	55.49	**55.25**	55.55	56.12	56.50	56.90	57.55	57.70	**57.75**	57.50	56.62
56.62	56.52	**56.34**	56.62	56.70	57.29	57.90	58.40	59	**59.55**	59.20	58.55	57.51
58.40	58.52	58.45	58.29	58.48	58.84	59.21	59.50	59.60	**59.80**	59.55	59.20	58.77
57.04	56.73	56.17	55.97	55.91	**55.84**	56.25	56.65	56.70	56.65	56.65	56.15	57.34
53.74	52.93	52.55	**52.40**	52.53	52.93	53.51	54	54.15	54.70	54.55	54.10	54.06
53.64	53.48	53.49	53.44	53.90	54.51	54.75	55.30	55.85	**56.40**	56.35	56.20	54.44
57.57	56.94	56.74	56.68	57.03	57.27	57.82	58.05	58.85	**59.40**	59.15	58.85	57.42
57.57	57.45	**57.22**	57.26	**57.22**	57.86	58.38	58.95	59.15	**59.70**	59.60	59.30	58.38
57.51	56.60	**56.09**	**56.09**	56.14	56.33	57.20	58.20	58.40	58.70	58.65	58.45	57.98
56.58	56.22	56	**55.88**	56.04	56.42	56.83	57.22	57.60	**57.85**	57.76	57.51	56.93

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.2	27.2	**27.8**	26.1	25.5	25.5	25.3	25.1	25.1	25	25	**24.3**	25.6
26.8	26	25.7	25.9	25.6	25.2	25	25.2	24.6	24.4	**23.8**	24.7	25
29.2	28.7	25.1	25.3	25.3	25	24.5	24.3	24.5	**24.1**	24.6	25.2	25.8
24.1	24.3	24.2	24.6	24.2	24.3	24.2	24.5	23.9	23.8	**23.6**	23.8	**24.7**
27.9	28.2	26.6	26.7	26.1	25.8	25.3	25.3	25.4	25.4	25.1	25.3	25.6
29.8	**30.2**	29	25.6	25.7	24.7	24.5	24.6	24.3	24.4	24.5	**24.2**	26.1
27.6	28.4	27.1	26	27.3	26.7	26	25.8	25.4	25.9	25.1	25	25.9
28.1	**29.5**	27.5	27.7	27.7	27.3	26.8	26.7	26.5	25.7	25.2	24.8	26.2
30.7	30.5	30.3	28.3	27.8	27.4	27.3	26.8	26.8	25.8	25.9	25.6	27.3
29.9	29.7	29.6	29.8	28.4	27.8	27.5	27.5	27	27.3	27.4	27.3	**27.9**
27.9	**28.8**	27.2	27.6	25.3	26.7	26.6	25.7	25.3	24.7	24.6	**24.5**	26.4
29	**29.1**	28.8	28	26.6	26	25.6	25.5	25.1	24.7	24.5	24	26.1
28.6	**29.7**	28.9	28	27.8	27.3	26.9	26.9	26.8	26.8	25.2	25.8	26.5
28.8	28.2	28	27.8	27.1	26.7	26	26.2	26.1	26.1	26.3	26.3	26.4
30.3	30.1	29.6	28.8	28.5	28.1	28.1	27.7	26.3	26.8	27.3	26.3	27.5
29.2	25.6	25.8	26	26	25.5	24.9	24.5	24.7	24.6	24.4	**24.1**	25.8
30.1	29.4	29.4	28.1	27.7	27.3	26.9	23.9	23.7	**23.6**	24	24.2	26.4
29.7	27.1	27.5	30.3	**30.5**	27.9	26.4	25.6	25.8	25.7	25.5	25.7	26.6
30.4	**31.3**	30	27.8	28.3	28.4	27.2	24.6	24.3	**24.1**	24.2	24.3	26.8
27.4	28.9	**29.8**	29.5	28.6	27.7	27.7	26.6	26.3	25.5	24.6	24.8	26.3
30.3	28.5	**31.3**	30.3	28.5	27.9	27.5	27.4	27.2	27	26.6	26.2	27.4
30	30	28.4	28.4	27.9	27.4	27.2	26.9	26.8	26.5	26.4	25.4	27
30.2	30.1	**30.2**	29.7	28.9	27.6	26.9	26.5	26.2	26.1	26	25.8	27.3
30.5	27.8	27.7	27.9	27.3	26.1	26.2	26.1	25.7	**23.8**	24.7	24.1	26.4
28.6	25.2	24.7	25.5	25.8	25.1	24.9	24.8	24.7	24.6	26.2	26.3	25.5
26.6	26.3	27.3	27.3	24.9	24.9	24.8	24.7	24.1	24.4	24.8	24.6	25.5
26.7	29	29.5	28.6	27.5	26.8	26.1	25.9	25.1	25.2	25.2	25	26.3
28.9	27.8	26.6	28.7	27.7	25.7	25.8	25.4	25.6	25.4	24.8	24.8	26.4
27.7	29.4	28.5	28.4	28	24.8	25.2	25	24.7	24.2	**24.1**	**24.1**	26.2
29.7	**29.9**	29.7	28.9	28.7	27.1	26.2	26.1	25.9	26.2	25.3	25.5	26.7
30.1	30	**30.3**	29.6	28.5	27.4	27.4	24.3	**23.7**	23.8	24	24.2	26.6
28.8	28.5	28.1	27.8	27.2	26.5	26.2	25.7	25.4	25.2	25.1	25	26.3

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	97	96	95	95	95	95	**85**	93	94	95	88
2	**98**	**98**	**98**	**98**	87	91	95	94	88	84	88	84
3	93	93	92	88	89	77. 5	86	84	88	81	79	79
4	92	90	91	92	90	88	88	**86**	88. 5	92	92	95
5	95	94	97	**99**	**99**	**99**	97	90	86	**79**	80	82
6	93	92	94	93	93	94	92. 5	88. 5	88	82	76	76
7	86	91	92	92	92	92	91	**96**	90	78	80	**76**
8	**97**	91	92	96	96	**97**	96	92	89	86	81	83
9	92	94	93	**95**	94	**95**	90	82	77	75	**71**	74
10	89	91	91	**93**	90	**93**	87	88	86	81	80	**76**
11	88	89	90	91	93	91. 5	**97**	92	92	93	87	**82**
12	**97**	**97**	96	**97**	**97**	**97**	96	88	80	78	78	**77**
13	91. 5	**94**	**94**	93	**94**	93	91	86	84	77	77	76
14	88	87	90	93	97	97	97	**99**	86	84	82	80
15	88	93	**95**	94	93	94	89	90	76	76	**72**	73
16	89	87	89. 5	92	93	**96**	**96**	91	92	84	82	**77**
17	91	92	94	93	94	95	93	83	76	75	74	**68**
18	**97**	96	**97**	95	96	95	93	83	77	78	77	**71**
19	**96**	95	**96**	**96**	**96**	95	85	84	79	80. 5	78	75
20	93	93	94	94	96	95	**97**	94	93	82	83	85
21	93	94	96	**97**	**97**	95	92	81	76	77	73	73. 5
22	89	90	93	92	93	**96**	91	83	86	78	78	**73**
23	96	95	95	95	**97**	95	88	82	76	72	**71**	73
24	87	94	**97**	96	**97**	**97**	89	81	79	88	86	**78**
25	**95**	**95**	**95**	94	**95**	93	89	88	80	86	81	78
26	90	90	92	92	93	**94**	89	92	90	92	88	**80**
27	96	94	**97**	**97**	93	95	93	88	87	83	82	77
28	**93**	92	92	92	92	**93**	90	82	83	**73**	79	78
29	90	89	92	92	92	93	90	79	77	**69**	72	75
30	87	91	94	**95**	**95**	**95**	88	78	72	75	75	71
31	92	94	93	**97**	94	96	95	95	83	74	75	72. 5
Mean	92. 2	92. 6	93. 8	**94.1**	93. 9	93. 9	91. 8	87. 2	83. 8	80. 9	79. 7	**77.6**

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22. 6	22. 5	22. 3	21. 9	22. 1	22. 2	23. 5	22. 7	22. 7	22. 1	22. 9	24. 1
2	**23.4**	23. 2	22. 8	**23.4**	**19.3**	20. 3	21	21. 1	20	20	20. 8	21. 6
3	21. 8	21. 5	21. 4	21. 2	21. 4	18. 8	20. 9	21. 5	22. 9	21. 7	22. 1	**23**
4	21. 9	21. 3	21. 3	21. 7	21. 5	21. 4	21. 7	22	22	21. 4	21. 7	21
5	21. 6	21. 3	21	20. 9	**20.6**	**20.6**	21. 6	21. 8	21. 5	22. 5	22. 5	22. 9
6	22. 2	21. 6	22. 3	22. 3	22. 3	22. 3	22	22	23. 3	23. 1	22. 5	22. 8
7	**19**	20. 1	21. 3	21. 7	21. 7	21. 7	21. 6	21. 9	21. 8	21. 3	21. 4	22. 1
8	22. 5	**19.8**	20. 9	21. 4	21. 2	21. 5	21. 9	22. 5	22. 7	22. 3	22. 9	24. 5
9	**21.2**	21. 3	21. 4	21. 6	21. 3	21. 8	22. 9	23	23. 8	23. 6	22. 8	24. 2
10	22. 1	23	23. 2	24. 1	24	24. 5	23. 1	24. 4	23. 1	24. 9	**25.4**	24. 2
11	23. 9	23. 8	23. 7	22. 9	23. 7	**20.9**	22. 3	23. 6	24. 1	24. 5	23. 6	24. 1
12	21. 5	21	20. 9	21. 3	21. 3	21. 4	21. 9	22. 9	22. 6	22. 7	22. 9	22. 3
13	20. 9	20. 8	21	20. 7	20. 8	**20.5**	21. 5	21. 9	21. 6	22	22. 1	22. 4
14	21. 1	**21**	21. 3	21. 5	21. 9	22	22. 3	22. 9	22. 6	22. 7	22. 9	22. 8
15	22. 4	22. 8	22. 4	21. 9	22. 3	22. 7	23. 4	23. 2	22. 5	22. 2	**21.8**	22. 9
16	22. 5	22. 7	22. 6	23. 3	23. 9	22. 5	21. 4	**20.6**	22. 9	23. 1	22. 8	21. 7
17	19. 8	20. 2	20. 5	20. 2	20. 8	21	22. 5	22. 9	22. 2	22. 8	23. 7	23. 1
18	21. 7	21. 1	20. 7	**20.3**	20. 4	**20.3**	21. 3	23. 1	22. 2	21. 9	22. 8	22. 8
19	22. 4	21. 8	21. 7	22	21. 9	21. 8	22. 1	22. 3	23. 3	23. 8	23. 1	23. 6
20	**20.8**	**20.8**	21	21	21. 5	21	22. 3	22. 6	23	23. 3	**23.9**	22. 5
21	21. 8	21. 8	22	22. 2	22. 1	**21.3**	22. 5	23	22. 7	23. 1	23. 1	23. 4
22	22. 5	21. 8	22. 5	21. 8	21. 3	21. 1	21. 1	21. 9	22. 7	23. 1	22. 9	23. 3
23	22	21. 7	21. 6	21. 6	21. 8	**21.4**	23. 3	22. 6	23. 3	22. 7	22. 4	23
24	21. 3	22. 1	22. 3	21. 9	21. 6	21. 6	22. 7	23. 7	23. 6	22. 2	24. 2	23. 1
25	20. 8	20. 8	20. 8	20. 6	20. 8	21. 5	22	21. 3	22. 2	22. 5	22. 7	**23**
26	21. 8	21. 8	21. 4	21. 6	21. 4	20. 7	21. 9	22. 9	**24**	22. 1	22. 6	23. 1
27	21. 6	21. 5	21. 7	22	21. 3	21. 6	21. 7	21. 9	23. 1	22. 6	23. 1	**24**
28	21. 5	21. 4	21. 5	21. 6	21. 4	21. 5	22. 4	22. 7	22. 5	22. 4	**23.4**	22. 8
29	20. 8	20. 9	21. 2	20. 9	20. 6	21	21. 8	21. 8	22	20. 7	22. 2	**19.7**
30	**19.6**	19. 8	20. 1	19. 8	20	19. 9	21. 9	21. 2	21. 3	22. 7	22. 8	22
31	21. 5	21. 5	22. 5	22. 8	21. 9	22. 3	22. 7	22. 1	21. 9	22. 3	21. 9	22. 4
Mean	21. 6	21. 5	21. 7	21. 7	21. 6	**21.4**	22. 1	22. 4	22. 6	22. 5	22. 8	22. 9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
91	89	86	89	94	96	98	98	98	**99**	99	**94**	**94**
78	86	85	89	87	89	88	89	93	94	93	93	90.3
74	**73**	87	77	83	87	91.5	91	92	**96**	94	91	86.1
95	96	93	95	97	97	**98**	96	93	95	96	96	93
82	79.5	85	85	88	90	88	93	88	92	93	92	89.7
77	**74**	81	86	93	93	95	94	**96**	**96**	95	91	88.9
81	78	82	89	84	83	83	85	91	88.5	94	95	87.1
88	**79**	84	84	84	84	87	87	84	89	89	92	88.6
75	75	75.5	80	83	86	87	89	83	91	92	92	85
80	78	79	78	**76**	84	82	81	86.5	87	87	88	84.6
86	85	86	86	89	94	94	89	92	92	93	94	90.2
77	**77**	78	79	78	86	84	84	87	93	92	92	86.9
75	76	78	82	79	78	84	84	87	87	91	84	84.8
77	82	81	83	87	89	90	90	88	90	93	89	88.3
75.5	**72**	**72**	82	77	77	79	81	89	87	88	90	83.4
80	85	88	88	85	87	90	92	92	91	92	93	88.8
71	75	78	85	85	87	90	88	91	92	95	**96**	85.9
77	86	89	74	78	86	92	93	95	95	93	91	87.7
75	**69**	70	87	81	85	86	87	91	90	92	95	86
87	80.5	**73**	75	78	81.5	81	88	89	93	92	93	87.9
71.5	75	**70**	**70**	75	78	78.5	79	82	83	86	88	**82.5**
73	75	78	78	74	81	83	85	85	87	89	95	84.4
74	72	75	74	77	79	83	84	87	85	87	88	83.3
78	85	86	84.5	84	91	87	88	90	94	94	96	88.6
75	90	92	88	88	87	90	92	92	93	87	88	88.8
85	86	81	82	92	88	88	89	91	89	92	91	89
88	80	**76.5**	77	81	83	86	85	91	93	93	95	87.9
77	79	86	78	79	87	87	89	86	85	89	87	85.3
75	74	74	73	79	87	86	87	87	92	**94**	**94**	83.8
69	71	74	73.5	75	81	85	86	88.5	87	93	90	82.9
71	75	73	77	78	84	83	86	81	85	84	86	84.3
78.6	79.3	80.5	81.5	82.8	86	87.2	88	89.2	90.7	91.6	91.6	87

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
24.4	23.8	23.9	22.5	22.8	23.2	23.4	23.3	23.1	23.3	23.3	**21.2**	22.9
20.5	21.5	20.9	22.2	21.2	21.2	20.8	21.2	21.4	21.3	20.4	21.5	21.3
22.3	21.3	20.5	**18.5**	19.8	20.4	20.9	20.6	21.1	21.4	21.6	21.6	21.2
21.1	21.6	20.9	21.8	21.8	22	**22.1**	21.9	**20.5**	20.8	20.7	20.9	21.5
23	22.5	21.9	22.1	22.1	22.3	21.2	22.2	21.1	22.1	22.1	21.9	21.8
23.9	23.7	**24**	21	22.7	21.5	21.7	21.6	21.6	21.7	21.7	**20.5**	22.3
22.1	22.4	21.8	22.1	**22.7**	21.5	20.7	21.1	21.9	22	22.3	22.4	21.6
24.7	24.3	23	23.3	23.1	22.7	22.8	22.7	21.6	21.9	21.2	21.3	22.4
24.6	24.3	24.2	22.9	23.1	23.3	23.4	23.3	21.8	22.4	22.8	22.4	22.8
25.1	24.1	24.5	24.3	**21.9**	23.5	22.4	22.2	22.9	23.5	23.7	23.8	**23.7**
24	**25**	23	23.6	21.4	24.3	24.2	21.9	21.9	21.2	21.4	21.5	23.1
22.9	**23.1**	23	22.3	**20.2**	21.5	20.6	20.3	20.5	21.5	21.1	20.4	21.7
21.9	**23.5**	22.9	22.9	21.8	21.1	22.1	22.1	22.8	22.8	21.6	20.7	21.8
22.6	23.2	22.7	23.1	23.2	23.1	22.5	22.8	22.1	22.6	**23.6**	22.5	22.5
24.2	22.9	22.3	24.1	22.2	**21.8**	22.2	22.3	22.5	22.8	23.8	22.8	22.7
24	20.8	21.9	21.9	21.1	21	21	21.1	21.4	20.8	21	20.8	22
22.6	22.9	23.7	**23.9**	23.5	23.4	23.6	**19.4**	19.7	19.9	21	21.5	21.9
24	22.8	24.2	23.8	**25.4**	24	23.5	22.8	23.5	23.3	22.4	22.3	22.5
24.1	23.4	22.1	24	23.2	**24.5**	23	20.1	20.5	**20**	20.7	21.4	22.4
23.5	23.8	22.8	22.8	22.6	22.4	22.3	22.7	22.5	22.4	21.2	21.7	22.3
22.9	21.8	**23.8**	22.5	21.8	21.8	21.4	21.4	21.9	21.9	22.3	22.2	22.3
23.1	**23.8**	22.4	22.4	**20.7**	22.1	22.2	22.4	22.2	22.4	22.7	22.9	22.3
23.7	22.9	**23.8**	22.9	22.8	21.7	22	21.6	22	**21.4**	21.7	21.9	22.3
25.4	23.6	23.7	23.6	22.7	22.9	22	22.1	22.1	**20.6**	21.8	21.4	22.6
21.9	21.4	21.2	21.3	21.6	**20.5**	21	21.3	21.4	21.4	22	22.3	21.5
21.9	21.9	21.9	22.1	21.6	20.6	20.5	20.6	20.4	**20.2**	21.3	20.8	21.6
22.9	23.7	23.4	22.3	22	21.6	21.7	**21.2**	21.5	22.2	22.2	22.4	22.2
22.8	21.8	22.2	22.7	21.6	21.3	21.5	21.5	21	20.6	20.7	**20.3**	21.8
20.7	**22.5**	21.4	21	22.3	20.2	20.5	20.4	20.2	20.7	21	21	**21.1**
21.5	22.2	**22.9**	21.7	21.8	21.6	21.4	21.7	22	22	22.2	21.8	21.4
22.4	23.5	23.3	**23.6**	22.6	22.9	22.5	19.3	**17.7**	18.6	18.6	19.2	21.7
23.1	22.9	22.7	22.6	22.2	22.1	22	21.6	21.5	21.6	21.7	21.6	22.1

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	-----	-----	A.-Cu.	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	A.-Cu.	NW	-----	-----	-----	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----
6	-----	-----	Ci.-S.	-----	A.-Cu.	-----	A.-Cu.	W	A.-Cu.	-----	A.-Cu.	W
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Ci.-S.	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	A.-Cu.	-----
9	-----	-----	-----	-----	A.-Cu.	WSW	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----
10	A.-Cu.	-----	A.-Cu.	-----	-----	-----	Ci.-Cu.	W	Ci.-Cu.	-----	Ci.-Cu.	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	-----	Ci.	-----	A.-Cu.	-----	Ci.-S.	-----	A.-Cu.	-----
13	Ci.	-----	Ci.-S.	-----	-----	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	Ci.-S.	ENE	Ci.-S.	ENE	Ci.-S.	ENE	Ci.-S.	-----	Ci.-S.	-----	A.-Cu.	-----
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Ci.-S.	-----
17	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	-----	Ci.-S.	NE	Ci.-S.	-----	Ci.-S.	-----
18	Ci.	-----	Ci.	-----	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	-----
19	Ci.	-----	A.-Cu.	-----	A.-Cu.	-----	A.-Cu.	-----	Ci.	-----	Ci.	-----
20	Ci.-S.	-----	Ci.-S.	-----	-----	-----	Ci.	-----	-----	-----	-----	-----
21	Ci.-S.	-----	Ci.	-----	Ci.	-----	Ci.	E	Ci.	-----	Ci.	-----
22	A.-Cu.	-----	A.-Cu.	-----	Ci.	-----	Ci.	-----	-----	-----	Ci.	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
24	A.-Cu.	-----	Ci.-Cu.	-----	-----	-----	-----	-----	Ci.-S.	-----	A.-Cu.	-----
25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	Ci.	-----	-----	-----
29	A.-Cu.	-----	A.-Cu.	-----	-----	-----	-----	-----	Ci.-Cu.	ESE	-----	-----
30	A.-Cu.	-----	Ci.	-----	-----	-----	Ci.	-----	Ci.	-----	Ci.	-----
31	-----	-----	Ci.-S.	-----	Ci.	-----	Ci.-S.	-----	Ci.	-----	Ci.	-----

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.	W	Cu.-N.	W	N.	W	Cu.-N.	WbyS	Cu.-N.	W	Cu.-N.	W
2	Cu.-N.	W	N.	W	N.	W	Cu.-N.	-----	Cu.-N.	W	Cu.-N.	W
3	Cu.-N.	W	N.	WbyS	Cu.-N.	W	Cu.-N.	W	Cu.-N.	WbyS	N.-cf.	WbyS
4	Cu.-N.	-----	Cu.-N.	W	Cu.-N.	-----	N.	W	N.	-----	N.	-----
5	Cu.	WbyN	Cu.-N.	W	N.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	-----
6	Cu.-N.	W	Cu.-N.	-----	Cu.	W	Cu.	-----	Cu.	-----	Cu.	-----
7	N.	SW	N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	WSW	Cu.-N.	W
8	Fr.-N.	-----	Cu.-N.	WSW	Cu.-N.	W	Cu.-N.	W	Cu.	WNW	Cu.	W
9	Cu.	W	Cu.	-----	Cu.	W	Cu.	W	Cu.	W	Cu.	-----
10	Cu.	W	S.-Cu.	W	Cu.-N.	-----	Cu.	-----	S.-Cu.	-----	Cu.	WbyS
11	Cu.-N.	WSW	Fr.-N.	WSW	Fr.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	N.	-----
12	Fr.-N.	W	Cu.-N.	WbyS	Cu.	W	Cu.	W	Cu.	-----	Cu.	-----
13	Cu.	-----	S.-Cu.	W	Cu.	WbyS	Cu.	WbyS	Cu.-N.	-----	Cu.	-----
14	N.	W	N.	WSW	Cu.-N.	WSW	Cu.-N.	WNW	Cu.-N.	NWbyW	Cu.-N.	NWbyW
15	Cu.-N.	NW	Cu.	NW	Cu.	NW	Cu.-N.	NW	Cu.	NW	Cu.	-----
16	N.	SW	N.	SW	Fr.-N.	WSW	Fr.-N.	WSW	Cu.-N.	SW	Cu.-N.	SW
17	N.-cf.	SE	Cu.-N.	-----	Cu.-N.	-----	Cu.	-----	Cu.	-----	Cu.-N.	-----
18	Cu.	-----	Cu.	E	Cu.	E	Cu.	ENE	Cu.	ENE	Cu.	ENE
19	Cu.	N	S.-Cu.	N	Cu.	N	Cu.	N	Cu.	N	Cu.	-----
20	Cu.	-----	Cu.-N.	NE	N.	ENE	Cu.-N.	ENE	Cu.-N.	E	Cu.-N.	-----
21	Cu.	W	Cu.	W	Cu.	-----	Cu.	W	Cu.	W	Cu.	W
22	Cu.	W	Cu.	W	Cu.	W	Cu.	W	Cu.	-----	Cu.	-----
23	Cu.	-----	Cu.-N.	W	Cu.	-----	Cu.	WNW	Cu.	WNW	Cu.	-----
24	Fr.-Cu.	-----	Cu.	WSW	Cu.-N.	SWbyW	N.	-----	N.	WbyS	Cu.-N.	-----
25	Fr.-N.	-----	Cu.-N.	SSW	Cu.-N.	SW	N.	-----	N.	-----	Cu.-N.	SW
26	Cu.	W	Cu.	W	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	-----	Cu.-N.	-----
27	Cu.-N.	-----	N.	-----	Cu.-N.	SE	Cu.	S	Cu.-N.	SWbyS	N.	-----
28	Cu.-N.	-----	Cu.	SSE	Cu.	SE	N.-cf.	SE	N.-cf.	SE	Cu.	-----
29	Cu.	-----	Cu.	SSE	Cu.	-----	Cu.	-----	Cu.	-----	Cu.-N.	-----
30	Cu.	SW	Cu.	SW	Cu.	-----	Cu.	SW	Cu.	SW	Cu.	SW
31	N.	WNW	Cu.-N.	WNW	Cu.	WNW	Cu.	WNW	Cu.-N.	-----	Cu.	-----

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.											
Ci.-S.		Ci.-S.				Ci.-S.				Ci.-S.	
				Ci.-S.							
Ci.-S.		A.-Cu.		A.-Cu.							
Ci.-S.		Ci.-S.		Ci.-S.						A.-Cu.	
Ci.-S.		A.-Cu.				A.-Cu.		A.-Cu.		Ci.-S.	
A.-Cu.	N	A.-Cu.	N	A.-Cu.	N			A.-Cu.	N	A.-Cu.	
A.-Cu.		A.-Cu.				Ci.-S.				Ci.-S.	
A.-Cu.											
A.-Cu.		Ci.		Ci.-S.		A.-Cu.					
Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.	
Ci.-S.		Ci.-S.		Ci.-S.							
Ci.		Ci.-S.		Ci.-S.							
Ci.-S.											
		Ci.-S.				Ci.-S.		Ci.-S.			
								A.-Cu.		A.-Cu.	
Ci.		Ci.						Ci.			
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	NE
						Ci.				A.-Cu.	
				A.-Cu.				A.-Cu.		Ci.	
Ci.-S.						Ci.-S.		Ci.-S.			
Ci.											
										A.-Cu.	
								Ci.-S.		Ci.-S.	
A.-Cu.											
						Ci.-S.				Ci.-S.	
Ci.		Ci.		Ci.		A.-Cu.		A.-Cu.		Ci.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.	

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.-N.	W	Cu.-N.	W	Cu.-N.	W	N.		N.	W	Cu.-N.	
Cu.-N.	W	Cu.-N.		Cu.-N.	W	N.-cf.	W	Cu.-N.		Cu.-N.	
N.-cf.	WSW	N.-cf.	WSW	Cu.-N.	SW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	
N.	WbyS	N.	WbyS	Fr.-N.	W	N.	W	N.	WSW	Cu.-N.	
Cu.-N.	W	Cu.-N.		Cu.-N.	W	Cu.-N.		Cu.-N.		Cu.-N.	
Cu.	W	Cu.	W	Cu.	W	Fr.-N.	SW	N.	WSW	Fr.-N.	
Cu.-N.	W	Cu.-N.		N.-cf.	W	Cu.-N.	W	Cu.-N.		Cu.	
Cu.	W	Cu.	W	N.		Cu.-N.	W	Cu.-N.	WSW	Cu.	WSW
Cu.	W	Cu.	W	Cu.		N.-cf.	W	Cu.		Cu.	
Cu.	W	Cu.	W	Cu.		Cu.	W	Cu.-N.		Cu.	
Cu.		Cu.-N.	WSW	Cu.-N.		Cu.-N.	W	Cu.-N.		Cu.-N.	
Cu.	W	Cu.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	WbyS
Cu.	WbyS	Cu.	WbyS	Cu.	W	Cu.	W	Cu.		Cu.	W
Cu.-N.		Cu.-N.	W	Cu.-N.	W	Cu.-N.		Fr.-Cu.		Cu.-N.	
Cu.	NW	Cu.	NW	Cu.		Cu.-N.	NW	Cu.-N.	NWbyW	Cu.-N.	
S.-Cu.		Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.		Fr.-N.	
Cu.-N.	E	Cu.		Cu.	E	Cu.		Cu.		S.-Cu.	E
Cu.-N.	E	N.	ENE	Cu.-N.		Cu.-N.		Cu.		Cu.	
Cu.		Cu.	ENE	Cu.-N.	ENE	N.	NE	Cu.		S.-Cu.	NE
N.-cf.	E	Cu.-N.		Cu.-N.	E	Cu.-N.	ENE	Cu.-N.		Cu.-N.	
Cu.		Cu.-N.	W	Cu.		Cu.		Cu.	WNW	Cu.	W
Cu.		Cu.		Cu.		Cu.	W	Cu.		Cu.	W
Cu.	WNW	Cu.	WNW	Cu.		Cu.	WNW	Cu.		Cu.-N.	
Cu.	W	Cu.-N.	W	Cu.-N.	W	Cu.-N.	WbyS	Cu.-N.		Cu.-N.	SW
Cu.-N.	SW	N.	SW	Fr.-N.	WSW	N.	WSW	Fr.-N.	SW	Fr.-N.	SW
Cu.-N.	WSW	N.	WSW	Cu.-N.	SW	Cu.-N.	WSW	N.	WSW	Cu.-N.	
N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	
Cu.	SE	N.	SE	N.	SSE	Cu.-N.	SSE	Cu.-N.	SSE	Fr.-N.	SE
Cu.-N.	SbyE	Cu.-N.	SbyE	Cu.	S	Cu.	S	Cu.-N.	SW	Cu.-N.	SW
Cu.		Cu.	WSW	Cu.	WSW	Cu.	WSW	Cu.-N.	WSW	Cu.	WSW
Cu.		Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
2	SSW	3.5	SSW	1.5	SSW	1.5	SSW	1.5	W	4.5	WNW	2
3	SW	1.5	Calm	--------	SWbyW	5	SWbyW	3.5	SWbyW	5	W	6
4	SW	3.5	SW	3.5	SW	4	SW	5	SW	6.5	SW	6.5
5	SW	5	SW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
6	SSW	1	SSW	1.5	SSW	2.5	SSW	3	SSW	4	SW	2
7	WSW	3.5	WSW	3	SW	5.5	SW	8	SW	5	SW	4.5
8	SW	.5	SW	8	SW	4	Calm	--------	Calm	--------	Calm	--------
9	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	EbyS	.5
10	SW	5	SW	5	SW	3	SW	4	SW	6.5	WSW	5
11	SW	5	SW	4	SW	4.5	SSW	5	SW	5	SW	1.5
12	Calm	--------	NbyW	2	Calm	--------	SWbyW	1.5	Calm	--------	Calm	--------
13	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	.5	Calm	--------
14	SW	4	SW	2.5	WNW	1.5	WNW	1.5	Calm	--------	Calm	--------
15	W	2	WNW	1	Calm	--------	Calm	--------	WNW	3.5	WNW	2
16	W	4	SW	6.5	SW	5	SW	10	SW	11	SW	9.5
17	SE	.5	Calm	--------	Calm	--------	Calm	--------	SE	.5	Calm	--------
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1
19	N	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
20	Calm	--------	Calm	--------	Calm	--------	NE	1	Calm	--------	Calm	--------
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	SSW	1.5	NW	1
22	S	2	S	3	SW	4.5	S	3	S	.5	Calm	--------
23	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
24	W	2	WNW	1.5	NE	.5	NE	1	SE	.5	Calm	--------
25	SSE	1	Calm	--------	Calm	--------	SSE	1.5	SSE	3	SSW	3
26	SW	9	SW	8.5	SW	5	S	3	Calm	--------	Calm	--------
27	E	2	SE	3	ESE	1	ESE	1.5	ESE	1.5	ESE	3
28	Calm	--------	Calm	--------	Calm	--------	SE	1.5	SE	1.5	Calm	--------
29	S	.5	S	1	S	.5	SSE	.5	Calm	--------	Calm	--------
30	S	5	S	1	Calm	--------	Calm	--------	E	1	Calm	--------
31	Calm	--------	Calm	--------	SSW	1.5	Calm	--------	Calm	--------	Calm	--------
Mean	------------	2	------------	1.9	------------	1.6	------------	1.8	------------	2	------------	1.5

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	SWbyS	6	SSW	3.5	SW	4	W	5	SSW	3	Calm	--------
2	SW	6	SW	6	WSW	6.5	SW	1.5	WSW	2.5	NW	3.5
3	WSW	4	W	3	SSW	8.5	W	10	W	3	WNW	3.5
4	WSW	1.5	Calm	--------	Calm	--------	Calm	--------	ESE	1	Calm	--------
5	SW	4	SW	3.5	SW	3	SW	3	SW	1	SSW	1
6	SW	5.5	SW	4	SW	5	SW	9.5	SSW	4	SSW	5
7	SW	4.5	SW	4.5	SW	6	WSW	6.5	SSW	4	SSW	4.5
8	SW	6	WSW	8.5	SW	10	SW	9	SW	6.5	WSW	5.5
9	SW	8	SW	7	SW	6.5	SW	7.5	SW	5.5	SW	4.5
10	SW	6	SW	4.5	WSW	7	SW	5.5	SW	6.5	SW	4.5
11	SW	6.5	WSW	6	WSW	4.5	WSW	9	WSW	7	WSW	5
12	SW	3	SW	2.5	SW	6	SW	6.5	WSW	7	SW	4.5
13	SW	3	SW	1	SW	5.5	SWbyW	6	SW	5	SW	4.5
14	SSW	1	SW	4	SW	6.5	SW	6.5	SW	4	SW	6
15	WSW	4	WSW	4.5	WSW	7	SWbyW	8	WSW	5.5	WSW	10
16	SSW	4	SSW	8	SSW	1	S	1	SSW	3	SSE	2.5
17	SE	2	Calm	--------	Calm	--------	W	1.5	NNW	.5	NNW	2
18	WbyS	1	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
19	WbyS	1	WSW	2	WbyS	3.5	S	1	SW	3	SW	3.5
20	SW	1	SSW	2	WSW	7	SSW	3	SW	4	SW	3
21	SW	6	W	6.5	WSW	5	SW	5.5	WSW	5	SW	7
22	WbyS	5	WSW	5	SW	6.5	SW	6	WSW	4.5	WSW	4
23	WSW	7.5	WSW	7	WSW	6	WSW	9.5	SW	3.5	SW	4
24	WSW	5	SSE	4.5	SSW	2	SSW	4	SSW	3	SW	7
25	SW	5	SW	5	WSW	6	SW	3	SSW	2.5	S	2
26	SW	10.5	SW	8.5	SSW	3	SSW	3	SSW	7	S	5
27	ESE	2.5	SSW	6.5	SSW	6.5	SSW	7.5	SSW	4.5	S	6
28	SW	6	SW	7.5	SW	6	SW	3	SW	6	W	3.5
29	SSW	2.5	SW	1.5	SSW	2	SW	1.5	SSW	2	SW	4.5
30	SW	6.5	SW	7.5	SW	5	SW	6.5	SW	4.5	SW	4
31	SW	1.5	SW	3	SW	4	WSW	5	SW	6	SW	5.5
Mean	------------	4.4	------------	4.4	------------	4.8	------------	5	------------	4	------------	4

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	---------	Calm	---------	SW	1.5	SW	2	Calm	---------	SSW	2.5
NW	0.5	SSW	3	SSW	5.5	SSW	5	S	3	SW	8.5
SW	8	SW	4	SW	3.5	SW	6.5	SW	4.5	SW	4
SW	4	SWbyW	5.5	WSW	2	WSW	5	W	3	NW	4
Calm	---------	Calm	---------	Calm	---------	WSW	2.5	SW	2.5	SW	2
WSW	4.5	WSW	1	SSW	2.5	SW	2	WSW	3.5	WSW	6
SSW	4	S	5	S	4.5	SSW	4	SSW	5.5	SW	5
Calm	---------	Calm	---------	W	.5	WSW	.5	SWbyW	2.5	WSW	1.5
Calm	---------	SE	1	SW	3.5	SW	5.5	SW	6.5	SW	6
WSW	4.5	WSW	5	WSW	7	WSW	7.5	WSW	5.5	WSW	6.5
SSW	.5	WSW	3.5	SSW	6.5	S	6	SW	4	SW	6
Calm	---------	Calm	---------	WSW	3.5	WSW	2	SW	4	W	5
Calm	---------	Calm	---------	Calm	---------	SSW	2.5	SW	1	SW	2
Calm	---------	Calm	---------	SW	2.5	Calm	---------	Calm	---------	SSW	.5
NW	4	NW	3	WNW	4	WNW	3	W	5	WSW	3.5
SSW	8	SW	7	SSW	9	SSW	9	SW	7.5	SbyW	7
Calm	---------	ESE	.5	ESE	2.5	SE	3	SE	2	SE	3.5
Calm	---------	NNW	1.5	NNW	1.5	W	2.5	W	1.5	W	1.5
Calm	---------	NNE	1	WNW	1	WSW	2.5	WSW	2.5	WSW	3
Calm	---------	Calm	---------	Calm	---------	EbyS	1.5	Calm	---------	Calm	---------
Calm	---------	Calm	---------	SSW	1	SSW	2.5	SW	5.5	SW	4
Calm	---------	Calm	---------	Calm	---------	SW	2	WSW	2.5	SW	3
Calm	---------	S	2	SSW	2.5	SW	4	SW	5.5	SW	9.5
Calm	---------	S	1.5	W	2.5	WNW	3	NNW	2.5	WbyS	4
S	2.5	S	3.5	SSE	3.5	SW	7.5	SW	8	SW	5
Calm	---------	SSW	.5	SW	4.5	WSW	10	WSW	8	WSW	6
ESE	1.5	ESE	3	ESE	3.5	ESE	3.5	SE	6	S	4
Calm	---------	SSE	3	S	2	S	1	WSW	4	WSW	5
ESE	1	SSE	1	SSE	3.5	SW	4	WSW	4	SW	4.5
Calm	---------	SSE	2	S	2	S	2	SW	3	WSW	5
Calm	---------	Calm	---------	SW	1.5	SSW	2.5	SW	1.5	SW	1.5
------------	1.4	------------	1.9	------------	2.8	------------	3.7	------------	3.7	------------	4.2

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N	2	NNE	2	Calm	---------	Calm	---------	Calm	---------	SW	3.5	1.5
WbyS	4	WbyS	4	Calm	---------	Calm	---------	Calm	---------	WbyS	4	3.2
WbyN	2	WSW	.5	Calm	---------	Calm	---------	Calm	---------	SW	3	3.7
Calm	---------	NW	5.5	SWbyW	5.5	SW	1.5	SSW	2	SW	1	2.9
SW	3.5	SW	1.5	SSW	2	SSW	2	SSW	2	SSW	1	1.7
SSW	2	SW	3	SW	5.5	SW	5.5	SSW	3	SW	4	3.7
S	3.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	3.8
S	3	SSW	1.5	SSW	3.5	SbyE	1.5	SSE	.5	Calm	---------	3
SW	5.5	SW	6.5	WSW	7	WSW	2.5	SW	2.5	SW	3	3.7
SW	3.5	SW	5	SW	3	SWbyW	4	SWbyW	4	WSW	4.5	5.1
W	5.5	WNW	6	NNW	4	NbyW	2	NbyW	1	Calm	---------	4.5
SW	6.5	SW	3.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	2.4
SW	7	SW	8	SW	4	SW	4	SW	3.5	W	4	2.6
SW	5.5	WSW	3	WNW	4	SW	4.5	SW	5	SW	3	2.7
WSW	6.5	WSW	6.5	W	8	W	5	WSW	4	WNW	4.5	4.4
SE	2	SE	1.5	SE	2	SE	2	SE	1.5	Calm	---------	5.1
N	.5	SE	1.5	SE	.5	Calm	---------	Calm	---------	Calm	---------	.9
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	N	2	.5
SW	3	NNW	2	N	3	ENE	1.5	E	1.5	Calm	---------	1.5
SW	1	Calm	---------	NW	.5	Calm	---------	Calm	---------	Calm	---------	1
SW	4.5	SW	2	S	3	SW	1.5	S	1.5	S	1.5	2.7
WSW	4	SW	1.5	SW	2	SW	1.5	SSW	1.5	Calm	---------	2.6
S	2.5	SSW	2.5	SSW	2	SSW	2	SSW	2	SW	2.5	3.1
SW	6	SSW	3.5	SSW	3	WSW	4	Calm	---------	SSE	1.5	2.6
S	2	S	1	Calm	---------	W	1	SW	4	SW	6	3.2
S	5.5	SE	1	SE	1.5	ESE	1	ESE	1	ESE	1.5	4.3
S	4	SSE	2	SSE	1.5	ESE	.5	ESE	1	ESE	.5	3.2
SSW	2.5	S	2	SSW	3	S	1.5	S	1.5	S	1	2.6
SSW	9.5	SbyW	6	SSW	1	Calm	---------	Calm	---------	SbyE	1.5	2.2
SSW	4	SSW	2.5	S	1.5	SW	1.5	SSE	1	SSE	1	2.8
SW	4.5	WNW	5	N	4	N	1.5	WNW	1	Calm	---------	2.1
------------	3.7	------------	2.9	------------	2.4	------------	1.7	------------	1.5	------------	1.8	2.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0	1.5	1	1	1.5	1.5	0.5	1	3.5	4.5	8	8.5
2	11.5	9	4	6.5	25.5	16	7.5	7.5	27	18	13	19
3	8	3	18	15	9	16	18	20	13	14	19	17
4	23	22	**28**	26	26	23	25	23	19	26	14	12
5	10	12.5	3	0	0	0	0	.5	2	9	10	9.5
6	6.5	5	9	13	13	13	20	1.5	8.5	7	16	22
7	14	13	18	**27**	26	24	16.5	10.5	12	16	**27**	22
8	0	**41**	25	5.5	1.5	0	1	1	4	2	4.5	11.5
9	1	1	1	0	1	1	.5	.5	6	19	**31**	26
10	19	20	13.5	15.5	25	29	24	25	20	22	28	25
11	20.5	20.5	24	25	21.5	20	2	13	21.5	17.5	29	22
12	0	1	1	1	2	0	0	1	7	12	17	15.5
13	2	1	1.5	1	3	1	.5	.5	1	2	6.5	8.5
14	15	15	8	5	4	1.5	0	.5	4.5	8.5	2	4
15	11	4.5	2.5	.5	8.5	12	11	9.5	10.5	11	10	17
16	15.5	17.5	20	32	37	**46**	41	28	28.5	32.5	37	20
17	3.5	2	0	1	3	3	2	1	5	10	**12**	10
18	0	1.5	.5	3	3	3	3	2	4	7	**11**	**11**
19	5	1.5	0	0	0	.5	.5	2.5	5	4	8.5	10.5
20	0	.5	0	3.5	1.5	.5	.5	.5	1	3.5	5.5	5
21	.5	0	0	.5	2	6	0	.5	1	6	11	20
22	7.5	15	18	17.5	5.5	1	1	3	2	4	10	13
23	1	1.5	.5	2	1	1	5	4	7.5	11.5	28	27
24	8	5	1.5	3.5	3.5	0	2	1	8.5	13	9.5	14.5
25	2.5	1.5	2.5	2	6	9	11	18	14	31	**44**	26
26	27	29	26	14	3	1	2.5	4.5	10	21	30	31
27	8	12	6.5	4	9.5	13	13	11	14	17	**20**	9
28	2.5	1.5	2.5	2.5	6.5	4.5	6	10	7.5	8	20	17
29	4	3.5	4	1.5	.5	0	1	.5	7	7	19	30
30	7	4	.5	.5	4.5	2	1	2.5	5.5	4.5	8	20.5
31	0	0	6	0	0	2	4	4	3.5	4.5	8	8
Mean	7.5	8.6	7.9	7.4	8.2	8.1	7.1	6.9	9.1	12	16.7	16.5

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	30
2	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
3	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	15
4	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
5	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	50
6	10	10	10	10	9	8	9	9	8	10	10	10	9.4	3	40
7	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	25
8	10	10	10	10	9	9	10	9	10	10	9	9	9.6	2	25
9	3	4	4	4	5	8	7	6	9	10	9	9	6.5	5	45
10	9	9	7	4	5	6	8	6	10	10	10	10	7.8	5	10
11	10	10	10	10	9	10	10	10	10	10	10	10	9.9	0	30
12	10	10	8	7	9	8	4	7	6	9	10	10	8.2	4	55
13	7	10	10	10	9	9	5	7	8	9	6	6	8	3	20
14	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
15	8	9	9	10	10	9	8	10	10	10	10	10	9.4	5	15
16	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
17	10	10	10	10	10	9	8	7	8	9	8	7	8.8	1	00
18	9	9	9	9	7	5	9	10	5	8	6	6	7.7	6	10
19	4	7	9	6	5	5	5	6	8	10	7	7	6.6	5	45
20	10	10	10	9	9	10	10	10	9	9	10	9	9.6	0	45
21	9	7	5	6	4	5	4	8	5	5	6	7	5.9	7	45
22	4	7	8	4	3	4	3	3	5	5	7	5	**4.8**	7	40
23	3	6	2	6	5	4	6	5	5	7	6	8	5.2	8	25
24	7	9	9	9	9	9	7	9	9	10	10	10	8.9	3	35
25	10	9	9	10	10	10	10	10	10	10	10	10	9.8	0	05
26	8	9	9	10	10	10	10	10	10	10	10	10	9.7	1	30
27	10	10	10	10	10	10	10	10	8	9	7	9	9.4	2	30
28	10	3	4	5	5	7	7	10	10	9	10	10	7.5	4	20
29	6	4	2	2	5	10	10	10	10	10	10	10	7.4	4	40
30	6	6	4	4	4	4	8	7	9	9	9	6	6.3	**9**	**15**
31	10	9	8	8	9	9	6	6	7	6	8	7	7.8	6	20
Total														102	45
Mean	8.5	8.6	8.3	8.2	**8.1**	8.3	8.2	8.5	8.7	**9.2**	9	8.9	8.5	3	19

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
11.5	12	**19**	**19**	11	5	9	5	4.5	0.5	0	7.5	5.7
20	30	**31**	24.5	11	20.5	14	13	5.5	1	.5	4	14.1
15.5	7	20.5	**39**	16	8	3	1	0	1	0	9	12.1
6	.5	2	3.5	2	2	3	6	15.5	13	5.5	6	13.8
13.5	21	**23**	15	14	8	15	9	10	9	8.5	6	8.7
20	22	22	**31**	19	17.5	8.5	5	17	18	14	14	14.3
18	13	21	17	16	20	12	5.5	0	1.5	0	0	14.6
18	20	31	22	25	18	12.5	5.5	9	17	3	2	11.7
27	25	28	23	21	19	19	21	29	14	10	16	14.2
22.5	25.5	25	26	**31**	26	21	23	15.5	13	19	19	**22.2**
26	27	25	**30**	29	18	17	16	16	9	2	1	18.9
22.5	12	19	24	**26**	21	23	20.5	2.5	.5	1	1	9.6
12.5	18	19	22	21	**24**	**24**	22	22.5	20.5	16	19	11.2
5.5	8.5	24	**29**	22	19	25	13	12	17	18	18	11.6
24	25	28	**34**	30	32	32	30	29	20	19.5	21.5	18
20	23	9	6	13	11	11	7	11	13	7.5	2	20.4
12	5	2	6	5	5	3.5	9.5	4	2	3	0	4.6
10	**11**	2	1	2	4	3	1	2	2	0	7	**3.9**
11.5	12	13.5	7	16	15	13	6.5	**17.5**	6	6	2	6.8
2	4	20	**24**	18	15	12	2	.5	2.5	0	.5	5.1
29	28	25	25	24	24	24	15	17.5	11	10	6	11.9
22	27	**34**	25	25	15	19	6.5	6.5	7.5	6.5	4	12.3
26	**30**	29	28	21	18	15	13	9	7	11	10	12.8
20	20	8	8	23	22	**26**	15.5	6.5	18	8	1.5	10.3
24	25	30	12.5	16.5	10	4.5	2	2	1	16.5	24	14
40	25	24	14	23	18	16	9	7.5	6.5	6	9	16.5
9	12	18	15	16	18	15	8	4	2	2	1.5	10.7
26	**29**	23	19	20	14	13	6	12	10	3.5	4	11.2
13	10.5	7.5	6	4	**31**	18	12	5.5	.5	0	1	8
22	**24**	20.5	22	20	19	15	10	5	5	4	4	9.6
8	13	18	20	**28**	24	22	22	21	5	2.5	.5	9.3
18	18.2	**20**	19.3	18.3	16.8	15.1	11	10.3	8.2	**6.6**	7.1	11.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	1								3	5		1				13	136.5	0.2	**56.1**
2									1	7	4	2	4	1	2		3	339.5	1.3	3.9
3										1	8	5	4	2			4	290	1.8	1.3
4						1				1	9	5	1		2		5	332	**0**	23
5										5	11	1					7	208.5	2	.4
6										10	10	4						342.5	1.9	39
7									3	5	8	3					5	350	1.7	12.6
8								1	2	2	7	5	1				6	280	2.2	5.2
9						1	1				14	2					6	340	3.1	1.6
10											13	11						**532.5**	3	.3
11	2								1	3	8	6	1	1		1	1	452.5	.5	52.4
12	1										8	4	1				10	230.5	3.2	1.6
13					1				1	1	11	1	1				8	269	2.7	8.4
14										2	12	1		3			6	279	2.2	.5
15												10	4	6	2		2	433	3.7	
16							5	1	1	7	7	1	1				1	488.5	1.4	12.4
17	1					2	8						1			2	10	109.5	2.1	9.7
18	1		1			1							4			2	15	**94**	2.2	1.8
19	2	1		1	1				1		3	4	2	1		1	7	164	2.3	43.2
20			1			1				2	4	1			1		14	122.5	1.8	7.4
21									3	3	8	2	1		1		6	286	4.2	
22									4	1	8	5	1				5	295.5	3.6	.7
23									2	5	6	4					7	307	**4.3**	
24			2				1	2	1	5	2	2	3	2		1	3	246.5	1.5	16.5
25								4	5	2	8	1	1				3	335.5	.9	5.3
26						3	2		3	4	6	3					3	397	.8	7.3
27					1	12	2	2	3	4								257.5	1.9	6.5
28							2	1	6	2	5	2	1				5	268	2.1	10.8
29						1		3	4	6	5	1					4	191.5	2.5	.8
30					1			3	5	2	8	1					4	231	3.9	1.2
31	2									2	9	1		2			8	224	1.7	19.2
Total Mean	10 0.3	2 0.1	4 0.1	1 0	4 0.1	22 0.7	21 0.7	17 0.5	46 1.5	85 2.7	**207** **6.7**	88 2.8	33 1.1	18 0.6	8 0.3	7 0.2	171 5.5	8,833.5 285	66.7 2.2	349.1 11.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	757. 60	10. 20p.	29. 5	2. 40p.	**99**	24. 4	755. 30	2. 40p.	24. 1	11. 50p.	85	21. 2
2	58. 50	9. 50p.	27. 8	0. 25p.	98	23. 4	55. 95	2. 30a.	23. 5	4. 20a.	78	19. 3
3	58. 50	7. 55a.	30. 4	0. 35p.	96	23	57. 15	3. 15p.	24	9. 50p.	73	18. 5
4	58. 07	10. 00a.	**27.6**	8. 10a.	98	**22.1**	56. 30	5. 40p.	23. 6	11. 00p.	**86**	20. 5
5	57. 30	9. 15a.	30. 2	1. 45p.	**99**	23	55. 45	3. 30p.	22. 9	5. 50a.	79	20. 6
6	58. 15	10. 15p.	31. 4	1. 50p.	96	24	55. 10	3. 10p.	23. 8	11. 45p.	74	20. 5
7	58	0. 05a.	29. 7	1. 40p.	96	22. 7	55. 70	4. 15p.	23. 5	1. 30a.	76	19
8	59. 20	11. 00p.	30. 4	1. 50p.	97	24. 7	56. 30	2. 20p.	23. 5	1. 40a.	79	19. 8
9	58. 85	10. 25p.	31. 9	0. 35p.	95	24. 6	57	3. 55p.	23. 9	4. 45a.	71	21. 2
10	58. 40	0. 05a.	32. 1	2. 10p.	**93**	**25.4**	56. 50	3. 20p.	**25.5**	0. 05a.	76	**21.9**
11	57. 95	10. 30p.	31. 2	1. 35p.	97	25	55. 40	5. 15p.	23. 9	6. 10a.	82	20. 9
12	58. 65	10. 00p.	31	1. 50p.	97	23. 1	55. 65	3. 30p.	23. 6	1. 50a.	77	20. 2
13	58	9. 05a.	31	2. 30p.	94	23. 5	55. 95	4. 35p.	23. 7	5. 55a.	75	20. 5
14	58. 10	10. 45a.	29. 8	0. 10p.	**99**	23. 6	55. 10	4. 50p.	24. 2	5. 30a.	77	21
15	**55.95**	0. 05a.	32	1. 40p.	95	24. 2	51. 80	3. 45p.	24. 5	4. 10a.	72	21. 8
16	58. 05	10. 55p.	30. 2	1. 15p.	96	24	**51.50**	4. 00a.	23. 7	7. 15a.	77	20. 6
17	60. 15	10. 40p.	32. 4	2. 15p.	96	23. 9	57	1. 15a.	23. 1	9. 35p.	**68**	19. 4
18	**60.50**	9. 20a.	**32.9**	0. 45p.	97	**25.4**	**57.86**	4. 00p.	23	5. 45a.	71	20. 3
19	59. 40	0. 05a.	32. 4	2. 15p.	96	24. 5	55. 37	5. 00p.	23. 2	9. 45p.	69	20
20	57. 70	10. 00p.	30. 6	3. 45p.	97	23. 9	55. 55	3. 40p.	23. 4	5. 50a.	73	20. 8
21	57. 85	11. 30p.	32. 3	3. 05p.	97	23. 8	55. 80	4. 30p.	24. 1	5. 45a.	70	21. 3
22	57. 65	0. 05a.	31. 4	1. 10p.	96	23. 8	55. 55	3. 50p.	23. 7	6. 05a.	73	20. 7
23	57. 80	10. 45p.	31. 7	3. 10p.	97	23. 8	55. 15	3. 50p.	24. 2	3. 45a.	71	21. 4
24	59. 65	9. 50p.	31. 8	1. 20p.	97	**25.4**	56. 20	2. 30p.	23. 5	9. 50p.	78	20. 6
25	59. 85	9. 50p.	29. 3	0. 55p.	95	23	57. 45	4. 20a.	23. 7	4. 35a.	75	20. 5
26	59. 15	0. 05a.	30	9. 50a.	94	24	55. 80	4. 25p.	23. 9	6. 00a.	80	20. 2
27	56. 10	0. 05a.	31. 1	3. 25p.	97	24	52. 30	4. 20p.	24. 1	2. 30a.	76. 5	21. 2
28	56. 50	10. 30p.	30. 6	1. 10p.	**93**	23. 4	53. 20	3. 30a.	24. 5	6. 05a.	73	20. 3
29	59. 45	10. 05p.	31. 6	11. 15a.	94	22. 5	55. 75	3. 30a.	23. 9	4. 30a.	69	19. 7
30	59. 70	10. 00p.	31. 4	1. 15p.	95	22. 9	57	3. 45p.	**22.3**	5. 45a.	69	19. 6
31	59. 35	8. 20a.	31. 5	2. 40p.	97	23. 6	56	3. 45p.	22. 9	8. 50p.	71	**17.7**
Mean	758. 39	--------	30. 9	--------	96. 2	23. 8	755. 55	--------	23. 7	--------	75	20. 4

DAILY GENERAL REMARKS.

1____Somewhat rainy weather; ☈ SE quadrant in the morning and afternoon; ☈ SW quadrant in the afternoon.

2____● or d in the morning; d° in the afternoon.

3____d, ⌒° in the morning; ● and gusty SWly winds in the afternoon.

4____Somewhat rainy weather.

5____d in the morning and evening.

6____●° in the morning; somewhat gusty SW winds in the afternoon; continuous ● at night.

7____● in the early morning and afternoon, with somewhat gusty SWly winds.

8____As yesterday.

9____Somewhat gusty SW winds in the forenoon, afternoon and evening; d in the afternoon; ● at night.

10____●°, T° E in the early morning; somewhat gusty SWly winds at intervals.

11____Somewhat rainy weather especially early in the morning with gusty SWly winds; ☈ NE quadrant in the morning.

12____●° in the early morning; somewhat gusty SWly winds in the afternoon.

13____Somewhat gusty SW winds in the afternoon and evening; ● at night.

14____d° in the morning and afternoon.

15____Gusty WSW winds in the afternoon and evening.

16____Somewhat squally and rainy weather in the morning; ● in the evening.

17____● in the evening.

18____●°, T E quadrant in the afternoon; ☇ N quadrant in the evening.

19____T E, d in the afternoon; heavy thundershowers at night.

20____d° in the morning and afternoon; ● at night.

21____T E and somewhat gusty SWly winds in the afternoon; ☇ N in the evening.

22____●° early in the morning; convergence of Ci. toward N in the afternoon; ☇ N in the evening.

23____Somewhat gusty SWly winds in the afternoon.

24____Some ● in the morning, afternoon and at night; ☈ N 8.25 a. m.

25____● and somewhat gusty SWly winds in the morning and afternoon.

26____Gusty SWly winds with some ● in the morning and afternoon.

27____●° in the morning; ● in the afternoon.

28____● in the afternoon; ⌒° and coloration of clouds at sunset.

29____d° at noon; p° 5.15 p. m.

30____● in the morning.

31____● in the morning and at night; ⌒ in the afternoon.

OBSERVATIONS FOR SEPTEMBER, 1913.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**57.75**	56.95	56.75	56.55	56.65	56.81	56.95	57.13	57.15	57.19	57.13	56.37
2	54.65	54.30	54.10	53.80	54.10	54.24	54.64	**55**	54.63	54.49	54.13	53.63
3	**53**	51.90	51.25	50.95	51.05	51.22	51.57	51.65	50.95	51.56	51.13	50.93
4	50.90	50.40	50.40	**50.30**	50.55	51.07	51.47	51.81	52.21	52.56	52.98	52.82
5	55	54.75	**54.50**	54.70	54.85	55.06	55.96	56.29	56.33	56.38	56.69	56.37
6	58.15	57.95	57.60	57.45	57.65	57.91	58.35	58.79	58.73	58.72	58.56	58.28
7	58.70	58.25	57.80	57.85	58	58.39	58.88	59.29	**59.54**	59.35	59.14	58.81
8	58.40	57.95	57.60	57.60	57.85	58.27	58.60	58.84	**59.05**	58.89	58.68	58.05
9	56.70	56.60	56.40	56.45	56.45	56.24	56.58	56.82	56.84	56.82	56.78	56.22
10	55.45	55	54.65	54.15	54.75	54.75	55.13	**55.75**	55.65	55.59	55.26	54.81
11	55	54.65	54.40	54.20	**54.10**	54.47	54.76	55.21	55.28	55.26	55.30	55.09
12	57.90	57.50	57.60	57.55	**56.90**	57.32	58.01	58.44	58.56	58.64	58.34	57.84
13	59.85	59.55	59.35	59.45	59.55	59.66	60.21	60.49	60.52	60.38	60.12	59.77
14	60.20	59.95	59.50	59.45	59.40	59.64	59.97	60.28	**60.57**	60.52	60.39	59.83
15	**58.45**	58	58.05	58	58	58.38	58.34	58.43	58.38	58.42	57.77	57.55
16	56.85	56.45	56	**55.95**	56.10	56.18	56.70	57.24	57.53	57.42	57.35	57.27
17	57.95	57.80	57.85	58	58.20	58.54	58.79	59.16	59.33	58.90	58.82	58.77
18	59.40	59	58.90	58.85	58.85	58.95	59.05	59.59	59.82	59.62	59.27	59.11
19	59.65	59.20	59.35	59.50	59.60	59.85	60.14	60.69	**60.94**	60.48	60.22	59.69
20	59.85	59.70	59.45	59.40	59.35	59.44	59.69	60.17	59.98	**60.22**	59.85	58.83
21	58.70	58.25	58	57.95	57.85	58.15	58.54	**58.78**	58.68	58.44	58.20	57.57
22	58.10	58.05	58	57.85	58.10	58.24	58.52	58.89	59.15	59.14	58.96	58.43
23	59.90	59.50	59.55	59.60	59.85	60.21	60.45	**60.87**	60.73	60.59	60.44	59.84
24	60.05	59.60	59.45	59.30	59.65	59.74	60.09	60.55	60.73	**60.76**	60.25	59.57
25	59.40	59.25	59.10	59.20	59.20	59.41	59.86	60.46	**60.89**	60.62	60.44	59.38
26	59.70	59.30	58.85	58.85	59	59.25	59.39	60.01	60.05	60.04	59.88	59.17
27	59.75	59.55	59.15	59.10	59.15	59.59	60.45	60.71	61.03	**61.08**	60.61	60.02
28	59.80	59.50	59.35	59.40	59.55	59.87	60.31	60.67	**60.99**	60.89	60.67	59.78
29	60	59.55	59.30	58.95	59.20	59.55	59.85	60.44	**60.53**	60.37	59.83	58.89
30	59.35	58.85	58.25	57.95	58.05	58.50	59.10	59.48	**59.77**	**59.77**	59.37	58.67
Mean	57.95	57.58	57.35	57.28	57.38	57.63	58.01	58.40	58.48	58.44	58.22	57.71

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.4	22.9	22.8	**22.3**	22.4	22.5	24.1	26.4	27.4	28.1	29.3	29.5
2	24.3	24.3	24.2	24	**23.7**	23.8	24.7	26.2	28.1	28.4	29.2	**29.6**
3	**24.7**	**24.7**	24.8	24.8	26.5	25	26	26.8	26.8	27.3	**27.6**	27.3
4	25.4	26	26.3	26.8	26.7	25	26.5	27.3	26.3	26.6	**24.5**	25.7
5	25.6	26.6	26.5	26.3	26.8	27.2	27	27.3	27.7	28.6	28.6	29.6
6	25.5	**24.7**	25	24.9	25.5	25.2	25.5	28	29.2	29.7	30.1	30
7	25.1	24.6	24.3	24.1	23.9	**23.8**	25.8	28.3	29.7	29	29.8	**30.4**
8	27.2	27	**26.9**	27.1	**26.9**	27	27.5	29.2	28.7	**30**	29.8	29.9
9	27.4	27.4	27.4	27.3	27.3	27.3	27.5	28	**28.2**	26.4	26.3	25.9
10	26.4	25.5	25.8	25.6	24.9	25.1	25.4	25.7	26.2	**27.1**	26.2	25.1
11	24	24.1	24	23.3	23.1	22.9	23	24	24.9	26.8	28	27.3
12	24	24.3	24	23.4	23.2	**22.6**	23.7	25.6	27	28.7	29.6	29.6
13	24.3	24.1	23.9	23.7	**23.3**	**23.3**	25.7	27.4	29.5	29.7	29.8	30.1
14	25.8	25.5	**25.1**	25.2	**25.1**	25.2	25.3	26	28.3	29.7	28.5	29
15	27.3	27.1	27	26.9	26.7	**26.2**	26.7	27.7	28.8	**29.3**	29	28.7
16	26.4	**25.5**	26.3	26.6	26.9	26.8	27.1	27.6	27.4	26.7	28.2	**28.6**
17	27.1	26.2	25.4	25.3	25.1	25	25.9	28	28.1	**30**	**30**	29.6
18	24.7	24.7	24.4	24.2	24	**23.9**	25.7	28.3	29.8	30	30.3	30.6
19	26	25.7	25.1	25	24.9	24.8	25.6	27.2	28.8	29.2	30.6	30.8
20	23.9	23.9	23.8	23.8	23.7	**23.6**	26.2	28.2	27	27.6	28	**29.9**
21	24	23.8	23.3	22.8	**22.5**	22.6	25.8	27.9	28.4	27.8	28.7	29.6
22	24.5	24.2	23.9	23.6	23	**22.9**	25.2	27.7	29.8	29.6	29.9	30.2
23	24.7	24.3	24	23.9	**23.7**	**23.7**	25.5	26.7	28.1	29.1	29.5	30.2
24	24.3	23.9	23.8	23.7	**23.8**	23.5	25	28.2	27.9	28.1	**29.1**	28.8
25	23.7	23.4	22.9	22.7	22.6	**22.3**	24.6	26.5	26.3	26.9	28	28.7
26	24	23.9	23.8	23.5	23	**22.9**	23.9	26	27.6	28.9	29.3	29.9
27	24.3	23.9	23.7	23.6	23.3	**23.1**	25.3	27.7	29.6	29	29.8	**30.7**
28	22.9	22.6	22.6	22.5	22.5	**22.2**	24.8	27.5	29	28.9	27.6	29.9
29	23.1	22.4	22.3	21.5	21.5	**21.3**	24.6	27.4	29.7	29.4	29.9	30.5
30	24.5	24.1	23.8	23.5	23.2	**23.1**	25.2	27.4	28.1	29.1	29.7	29.9
Mean	25	24.7	24.6	24.4	24.3	**24.1**	25.5	27.2	28.1	28.5	28.8	**29.2**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.58	54.97	54.55	54.25	**54.20**	54.80	55.02	55.40	55.50	55.50	55.40	54.90	55.98
53.22	52.56	51.65	**51.18**	51.62	51.87	52.60	52.95	53.55	53.90	54.10	53.80	53.53
50.58	50.06	**49.75**	49.86	50.02	50.10	50.35	50.45	50.55	51.10	51.50	51.45	**50.96**
52.34	51.84	52.03	51.90	52	52.31	52.77	53.30	53.95	54.45	54.95	**55**	52.26
55.92	55.46	55.59	55.92	56.17	56.69	57.09	57.50	57.90	58.50	**58.60**	58.50	56.28
57.96	57.44	**56.89**	56.95	57.45	57.76	58.10	58.60	59.25	59.45	**59.55**	59.25	58.20
58.20	57.75	57.55	**57.50**	57.65	58.15	58.30	58.60	59.10	59.05	58.90	58.70	58.48
57.28	56.74	56.76	56.97	57.37	57.23	**56.66**	57.80	57.80	57.35	57.15	56.95	57.74
55.63	**55.17**	55.66	55.61	55.95	56.46	56.94	56.70	56.80	**57.05**	56.55	55.85	56.39
54.12	54.25	53.67	**53.62**	**53.62**	54.05	54.52	54.60	55.05	55.50	55.50	55.25	54.78
54.51	54.38	54.14	54.86	55.29	55.35	56.11	57.05	**58**	57.50	57.65	57.95	55.44
57.65	57.41	57.22	57.54	57.92	58.41	58.79	59.20	59.65	60.20	**60.40**	59.95	58.29
59.07	58.55	58.21	58.15	**58.06**	58.61	59.10	59.75	60.50	**60.80**	60.75	60.65	59.63
58.94	58.64	58.30	58.38	**58.23**	58.56	58.65	58.80	59.10	59.30	59	58.75	59.35
57.13	56.93	**56.48**	56.50	56.50	**56.48**	56.70	56.75	57.30	57.60	57.30	57.20	57.53
56.90	56.74	56.42	56.72	56.99	56.84	57.07	57.40	58.10	**58.15**	**58.15**	**58.15**	57.03
58.33	57.95	**57.71**	57.76	57.84	58.29	58.69	59.25	59.40	59.65	**59.85**	59.70	58.61
58.41	57.96	**57.62**	58.01	58.47	58.87	59.32	59.90	60	60.05	**60.10**	59.90	59.13
58.88	58.21	**58.14**	58.19	58.44	58.76	59.48	59.80	60.25	60.65	60.50	60.15	59.62
58.13	58.15	57.69	**57.52**	57.65	58.21	58.44	59.10	59.55	59.65	59.45	59.10	59.11
56.86	56.46	**56.10**	56.16	56.45	56.93	57.35	57.65	58.25	58.35	58.30	58.25	57.76
57.94	57.58	**57.02**	57.25	57.77	58.25	58.76	59.55	60	**60.60**	60.45	60.20	58.62
59.01	**58.35**	58.55	58.57	58.69	59.39	59.76	60.10	60.55	60.60	60.45	60.30	59.83
59.63	58.65	58.53	**58.27**	58.57	59.20	59.60	59.55	59.70	59.75	60	59.65	59.62
58.83	58.48	**57.84**	57.98	58.25	58.59	59.03	59.50	60.30	60.55	60.35	60.15	59.46
58.57	57.88	**57.31**	57.74	58.04	58.67	59.33	59.55	60.10	**60.70**	60.35	60.15	59.24
59.79	59.48	**58.89**	58.99	59.20	59.89	60.10	60.30	60.60	60.60	60.30	60.10	**59.93**
59.12	58.52	58.04	**57.96**	58.14	58.59	59	59.40	59.60	60	60.30	60.15	59.57
58.07	**57.46**	57.67	57.69	58.02	57.94	58.67	59.15	59.65	60.05	59.65	59.45	59.16
58.02	57.29	**56.91**	56.92	57	57.50	57.87	58.30	58.75	59.25	59.20	59	58.46
57.15	56.71	**56.43**	56.50	56.72	57.09	57.47	57.86	58.29	**58.53**	58.49	58.28	57.67

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.5	29.5	**30.6**	30	29.6	27.7	26.2	24.9	24.8	24.5	24.5	24.4	26.1
29.3	29	28.9	29	28.2	27.7	27.6	27.4	25.7	25.3	24.8	24.6	26.6
26.6	26.8	27.3	26.4	25.8	26.2	26.7	26.5	26.6	25.6	25.3	25.2	26.1
27.4	**27.9**	27.4	26.8	27.2	27.1	27.2	26.5	26.4	26.7	24.7	26.3	26.4
29.9	**30.4**	28.2	**25.2**	26.8	26.7	27	26	27.2	26.8	26.1	26	27.3
30.7	30.4	30.1	29.9	29.2	27.7	27.3	27.1	26.9	26.9	26.7	25.6	27.6
30	30	29.6	28.9	28.3	27.6	27.2	27.2	27.2	27.2	27.2	27.3	27.4
29.6	**30**	29	29.2	28.5	28.1	27.6	27.1	27.2	27.6	27.6	27.5	**28.2**
25.9	25.5	**25**	25.3	25.9	25.6	25.2	**25**	25.2	26.2	**25**	26.2	26.4
24.6	**24.1**	24.4	24.9	24.9	25	24.9	25.1	25.1	24.4	24.2	**24.1**	25.2
28.4	**29**	28	25.3	25.5	25.3	25	24	**22.5**	23	23.1	23.6	**24.9**
30	**30.5**	30.4	30	29.2	27.5	27	26.8	26	25.3	24.9	24.7	26.6
30.6	**31**	30.8	30.2	29.1	27.9	27.8	27.5	27.5	27.3	27.1	26.4	27.4
29.6	29.3	**29.8**	29.7	29	28.1	27.9	27.9	27.7	27.7	27.4	27.6	27.5
29	28.2	28.2	28	27.8	27.5	27.6	27.6	27.6	27.6	27.5	27.1	27.7
26.8	26	27.9	27.1	26.4	26.8	26.3	26.2	26.2	26.3	26.4	26.7	26.8
29.8	29.8	28.6	28.6	28.2	27.6	27.3	27.1	26.6	25.7	25.2	**24.9**	27.3
30.8	30.6	30.7	29.9	28.6	27.8	27.7	27.6	27.5	27.4	27.1	26.3	27.6
31.1	30.5	29.1	28.8	28.2	26.4	26.2	26	25.9	24.6	**24.5**	**24.5**	27.1
29.1	24.4	28.8	29.2	29	27.6	27.3	25.3	24.8	24.9	24.7	24.6	26.2
30.4	30.7	30.9	**31.5**	31.2	27.6	26.6	26.5	25.8	25.5	24.9	24.8	26.8
31	31.3	**31.8**	30.4	29.3	28	27.6	27.3	26.7	26.4	25.7	25	27.3
30.9	**31.7**	28	26.1	26.5	25.9	25.7	25.4	25.2	24.9	24.8	24.5	26.4
24.4	25.8	26.4	26.8	26.5	25.5	25	24.7	24.7	24.4	24.4	24	25.5
28.9	28.6	**29.6**	28.5	27.5	26.6	26.2	25.6	25.2	24.8	24.6	24.2	25.8
30	30.2	**30.8**	29.6	28.8	27	26.5	26.1	25.8	26.1	25.3	24.6	26.6
29.2	24.5	26.9	29.7	28.5	26.5	25.8	25.1	24.5	23.7	23.2	23.2	26
30.4	31.3	31.5	**32**	30.6	27.9	27	26.2	25.7	25	24.3	23.7	26.6
30.7	**31**	27.1	25.7	25.8	25.4	25.4	26.5	26.6	25.9	25	24.7	26
30.1	31.2	**31.5**	31.3	30.5	28.5	28.2	28.1	26.6	26.5	25.5	24.4	27.2
29.2	29	28.9	28.5	28	27	26.7	26.3	26	25.8	25.4	25.2	26.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	91	91	**95**	93	93	89	81	73	69	70	**68.5**
2	93	92	92	93	92	91	92	87	79	80	**78**	79
3	90	90	90	90	90	89	**94**	88	87	86	87	87
4	84	82	**78**	87	**90**	81	86	82	79	84	86	88
5	88	84	84	84	83	81	83	81	81	79	82	76
6	90	**93**	**93**	92	86	88	90	80	75	76	74	75
7	95	95	**96**	95	95	94	89	80	77	78	**70**	72
8	85	**86.5**	86	86	86	82	84	**73**	80	**73**	78	78
9	83	83	84	85	86	85	84	**82**	84	92	93	83
10	94	91	93	94	95	94	93	**83**	90	90	92	94
11	97	**98**	96	**98**	97	96	96	95	94	87	83	82
12	91	95	91	95	92	**97**	94	84	83	77	77	77
13	93	**95**	94	92	94	94	89	81	77	76	74	75
14	95	**97**	93	93	93	94	93	90	81	75	75	71
15	80	78	79	80	81	**89.5**	86	81	78	**76**	**76**	78
16	88	93	90	89	88	85	87	84	87	86	83	**75**
17	87	91	95	94	**96**	**96**	94	86	87	79	**75**	76
18	95	94	97	97	**98**	93	91	85	77	73	74	**72**
19	97	95	**98**	**98**	**98**	97.5	97	90	80	82	**73**	**73**
20	93	**94**	**94**	92	**94**	93	87	**76**	85	78	80	78
21	**95**	93	93	94	94	94	84.5	81	83	85	79	77
22	93	93	93	91	92	91	88	84	79	75	71	71
23	93	94	95	95	94	93	90	86	82	79	79	74
24	97	97	95	93	95	94	90	81	84	83	**78**	80
25	96	**97**	96	96	94	96	90	84	86	82	77	78
26	94	94	94	92	95	**96**	94	88	79	76	76	77
27	95	**97**	95	95	96	96	89	83	77	78	73	**72**
28	95	**96**	94	94	92	94	87	78	73	72	81	72
29	87	88.5	88	92	91	89	83	78	69	69	72	**66.5**
30	96	**97**	95	94	95	94	88	78	79	75	77	73
Mean	91.6	92.1	91.7	**92.2**	**92.2**	91.7	89.4	83	80.8	79	78.1	**76.6**

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.2	18.9	18.8	18.9	**18.7**	18.8	19.8	20.7	19.9	19.4	21.3	20.9
2	21	20.9	20.7	20.7	20.1	**20**	21.4	22	22.4	23.1	23.4	**24.2**
3	20.8	20.8	20.9	20.9	23.2	21	23.3	23	22.8	23.1	**24**	23.4
4	20.2	20.6	19.8	22.8	**23.5**	**19.1**	22.2	22.1	20.2	21.8	19.6	21.7
5	21.6	21.8	21.6	21.3	21.8	21.8	21.9	21.9	22.3	23	23.8	23.3
6	21.8	21.5	22	21.6	20.9	**20.8**	21.8	22.5	22.6	23.5	23.5	**23.8**
7	22.5	21.8	21.6	21.1	20.9	**20.6**	22	22.7	23.7	23.3	21.8	23.1
8	22.8	22.9	22.8	22.8	22.8	21.7	23	21.9	23.3	23.1	24.3	**24.4**
9	22.5	22.5	22.6	22.9	23.1	22.9	23	23.1	**23.8**	23.5	23.6	**20.6**
10	**24.1**	22	22.8	22.9	22.2	22.3	22.3	**20.4**	22.8	23.9	23.2	22.3
11	21.4	21.9	21.2	20.9	20.3	19.8	19.9	21	22	22.8	**23.3**	22.1
12	20.3	21.4	20.3	20.3	**19.5**	19.7	20.5	20.6	21.9	22.5	23.8	23.8
13	21	21.1	20.7	20.1	**20**	**20**	21.9	22.1	23.7	23.5	23.1	23.9
14	23.5	23.4	22.1	22.2	22.1	22.4	22.3	22.5	23.2	23.1	21.8	21.1
15	21.5	**20.8**	20.9	21.2	21.1	22.6	22.5	22.3	22.8	22.9	22.5	22.9
16	22.4	22.4	22.8	23	23.2	22.2	23.2	22.9	23.5	22.3	23.6	**21.9**
17	23.1	23	22.9	22.6	22.7	22.5	23.4	24.2	24.5	**24.8**	23.5	23.3
18	21.9	21.8	21.9	21.7	21.8	**20.5**	22.3	24.2	23.9	22.9	23.6	23.4
19	24.2	23.3	23.3	22.9	22.8	22.6	23.6	24.2	23.7	**24.7**	23.8	24.1
20	20.5	20.7	20.6	20.2	20.5	20.1	22	21.6	22.5	21.3	22.5	24.4
21	21	20.4	19.8	19.3	**19**	19.1	20.8	22.6	**23.9**	23.6	23.1	23.6
22	21.3	20.9	20.5	19.8	19.2	**18.9**	21.1	23.1	**24.5**	23.2	22.2	22.8
23	21.5	21.2	21	20.9	20.5	**20.2**	21.8	22.5	23	23.7	**24.1**	23.7
24	21.8	21.5	20.8	20.2	**20.1**	20.2	21.2	23	23.4	23.4	**23.5**	23.4
25	20.8	20.6	19.8	19.6	**19.1**	**19.1**	20.7	21.6	21.9	21.6	21.7	**22.7**
26	20.8	20.7	20.6	**19.8**	**19.8**	**19.8**	20.7	21.9	21.7	22.5	22.9	**24.3**
27	21.4	21.3	20.6	20.5	20.3	20.1	21.4	22.9	**23.8**	23.1	22.8	23.5
28	19.6	19.5	19.1	19	**18.6**	**18.6**	20.3	21.2	21.6	21.3	22.1	22.6
29	18.3	17.8	17.7	17.5	17.3	**16.8**	19.2	21.3	21.2	21	22.6	21.5
30	21.9	21.5	20.8	20.2	20	**19.7**	21.1	21	22.2	22.4	**23.7**	23
Mean	21.5	21.3	21	20.9	20.8	**20.5**	21.7	22.2	22.8	22.8	**23**	**23**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70	72	70	**77**	78	86	92	86	85	90	91.5	92	83
80	80	80.5	**78**	81	84	86	82	88	89	**94**	91	85.9
86	90	84	86	89	86	83	91	84	**82**	84	83	87.3
81	80	79	83	81	81	80	86	85	86	86	82	83.2
78	**74**	82	88	87	89	86	**94**	86	87	91	87	84
72	73	74	**71**	74	79	82	83	88	86	87	**93**	82.2
71	75	77	75	78	83	86	86	87	87	87	87	84
79	75	77	78.5	82	82	86	83	81	84	82	82	**81.2**
95	93	93	88	91	89	92	93	94	94	94	92	88.8
98	99	**100**	**100**	94	98	93	93	96	97	95	96	**94.2**
79	**76**	80	89	88	87	92	83	92	91	94	92	90.1
75	73	**72**	75	76	84	90	86	91	94	96	**97**	85.9
68	**67**	72	75	79	84	86	87	87	90	87	94	83.8
68	70	71	74	80	79	81	83	82	78	81	79	82.3
77	81	**76**	80	82	87	86	84	85	87	87	86	81.7
94	**96**	91	89	89	86	90	89	89.5	89	90	89	88.2
77	77	78	82	82	84	87	88	91	93	95	95	86.9
76	74	75	75	79	83	84	86	86	83	90	96	84.9
73	75	78	80	85	88	89	90	89	85	89	90	87.1
79	90	86	80	81	86	86	83.5	89	87	92	90	86.4
70	63	60.5	**60**	63	81	87	87	91	90	92	92	82.9
66	**62**	**62**	71	75	79	81	84	88	91	93	**95**	82
72	**64**	79	85	86	90	93	95	97	**98**	**98**	96	87.8
91	94	90	87	88	94	97	96	97	97	96	**98**	91.3
75	75	**72**	77	83	86	87	90	91	90	93	92	86.8
75	**68**	69	77	83	86.5	90	92	94	87	91	93	85.9
74	82	79	72.5	75	84	89	84	90	94	96	94	85.8
72	68	68	**63**	70	82	85	87	90	89	87	89	82.4
67	75	81	90	93	94	**97**	90	88	92	**97**	**97**	84.8
71	65	**63**	**63**	69	81	82	81	90	90	89	92	82.4
77	76.9	77.3	79	81.4	85.4	87.5	87.4	89	89.4	90.8	91	85.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.3	22.2	23	**24.2**	24	23.7	23.2	20.1	19.8	20.5	20.9	21	**20.8**
24.2	23.7	23.8	23.1	23	23.1	23.6	22.2	21.5	21.4	21.9	20.8	22.2
22.2	23.7	22.7	21.9	22	21.8	21.7	23.4	21.8	20	20.2	**19.9**	22
22.1	22.3	21.4	21.8	21.8	21.5	21.4	22.2	21.7	22.3	19.8	20.8	21.4
24.4	24	23.4	**21.1**	22.8	23.1	22.7	23.3	23	22.8	22.9	21.7	22.6
23.5	23.5	23.5	22.3	22.3	21.6	22.1	22.3	23.2	22.8	22.7	22.5	22.4
22.3	**23.8**	23.6	22.1	22.3	22.8	23	23	23.2	23.2	23.2	23.4	22.5
24.2	23.8	22.9	23.6	23.6	23	23.6	22	**21.6**	22.9	22.5	22.4	23
23.6	22.4	22	21	22.6	21.8	21.8	22	22.4	23.6	22.1	23.2	22.6
22.6	22.1	22.7	23.4	22	22.9	21.8	22.1	22.7	22.1	21.3	21.4	22.4
22.7	22.5	22.5	21.4	21.3	20.8	21.7	**18.4**	18.6	19	19.7	19.9	21
23.5	23.6	23.1	23.5	23	22.8	**24**	22.6	22.7	22.6	22.4	22.3	22.1
22.1	22.5	23.7	23.8	23.7	23.4	23.9	23.8	23.8	**24.2**	23.1	24.1	22.6
20.9	21.3	22	22.9	**23.7**	22.4	22.6	23.2	22.7	21.5	21.8	21.7	22.4
22.9	23	21.6	22.5	22.8	23.6	23.6	22.9	23.3	23.7	**23.8**	22.8	22.5
24.7	23.9	**25.2**	23.6	22.7	22.4	22.8	22.4	22.6	22.5	22.9	23.1	23
24.1	23.9	22.6	23.8	23.2	22.9	23.4	23.5	23.5	22.7	22.6	**22.2**	**23.3**
25.2	24	24.6	23.6	23	23.1	23.3	23.6	23.4	23.9	24.1	24.4	23.2
24.4	24.3	23.2	23.4	24.2	22.4	22.4	22.5	22.2	**19.5**	20.3	20.5	23
23.7	20.4	**25.4**	24	24.1	23.6	23.1	**20**	20.7	20.5	21.2	20.7	21.8
22.7	20.8	20.1	20.8	21.3	22.1	22.6	22.4	22.4	21.8	21.6	21.5	21.5
22.1	21	21.8	22.8	22.7	22.3	22.1	22.5	22.9	23.3	22.9	22.4	21.9
23.8	22.3	22.1	21.3	22	22.4	22.7	22.9	23	23	22.9	21.9	22.3
20.6	23.2	23.1	22.8	22.6	22.8	22.8	22.2	22.3	22.1	21.7	21.8	22.1
22.1	21.7	22.1	22.2	22.6	22.3	22	22	21.6	20.9	21.4	20.7	21.3
23.5	21.7	22.9	23.8	**24.3**	22.9	23	23	23.2	21.8	21.8	21.4	22
22.2	**18.8**	20.8	22.4	21.8	21.6	22	20	20.5	20.5	20.2	19.8	21.3
23.3	23.1	**23.4**	22.3	23	23	22.5	22	22.1	21	19.7	19.3	21.2
22.1	**24.9**	21.6	22.1	23.1	22.7	23.3	23	22.7	22.8	22.8	22.3	21.1
22.4	21.9	21.6	21.4	22.4	23.4	23.4	22.9	23.4	23.2	21.7	21	21.9
23	22.7	22.7	22.6	22.8	22.6	22.7	22.3	22.3	22.1	21.9	21.7	22.1

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.		Ci.		Ci.		Ci.-Cu.		Ci.		Ci.	
2							Ci.		Ci.-S.		A.-Cu.	NNW
3												
4			Ci.-S.								Ci.-S.	
5	Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.		Ci.-S.	
6	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.	
7	Ci.		Ci.		Ci.		A.-Cu.	WbyN	Ci.-Cu.	NNE	A.-Cu.	
8	A.-Cu.	ENE	A.-Cu.		A.-Cu.	ENE	A.-Cu.		Ci.-S.		Ci.-S.	
9			A.-Cu.									
10												
11									Ci.		Ci.-S.	
12	A.-Cu.	NEbyE	A.-Cu.	NEbyE	Ci.		Ci.		Ci.		Ci.	
13	Ci.-S.											
14	Ci.-S.		A.-S.		A.-Cu.	NE	Ci.-S.		Ci.-S.		Ci.-S.	
15	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
16												
17	Ci.		Ci.		Ci.		Ci.		Ci.-Cu.	WNW	Ci.	
18	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
19	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
20	A.-Cu.	N	Ci.		Ci.		Ci.-S.		Ci.		Ci.	
21	Ci.-S.		Ci.		Ci.-S.		Ci.		Ci.		Ci.-S.	
22											Ci.	
23	Ci.		Ci.		Ci.				Ci.		Ci.	
24	Ci.		A.-Cu.		Ci.							
25	Ci.		Ci.		Ci.				Ci.-S.		Ci.-S.	
26	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.		Ci.-S.	
27	Ci.-S.	SE	Ci.		Ci.				Ci.-Cu.			
28	A.-Cu.						A.-Cu.					
29											Ci.-Cu.	
30	Ci.											

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.	W	Cu.	W	Cu.		Cu.	
2	Cu.-N.	WNW	Cu.-N.	WNW	Cu.-N.		Cu.	WNW	Cu.		Cu.	
3	N.-cf.	NW	Fr.-N.	WNW	Fr.-N.	WNW	Fr.-N.	WNW	Cu.-N.	WSW	Cu.-N.	
4	Cu.-N.	W	Cu.-N.	W	N.	WSW	Cu.-N.		N.	WSW	Cu.-N.	
5	Cu.-N.	SW	Cu.-N.		Cu.-N.	SW	N.	SW	Cu.-N.		Cu.	
6	Fr.-Cu.	W	Cu.	W	Cu.	W	Cu.	W	Cu.	WSW	Cu.	
7	Cu.		Cu.	W	Cu.	W	S.-Cu.		S.-Cu.		Cu.	
8	Cu.		Cu.		Cu.		Cu.		Cu.	W	Cu.	W
9	N.-cf.	W	N.-cf.	W	N.-cf.	W	Cu.-N.	W	Fr.-N.	W	N.	
10	N.	W	Fr.-N.	W	Cu.-N.	W	Cu.-N.	WSW	N.		N.	
11	Fr.-N.		N.	SW	N.	SW	Fr.-N.	SW	Cu.-N.	WSW	Cu.	WSW
12	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
13			Cu.		Cu.		Cu.		Cu.		Cu.	
14	Cu.		S.-Cu.		Cu.		Cu.		Cu.		Cu.	
15	S.-Cu.	WNW	Cu.		Cu.		Cu.	NW	Cu.	NW	Cu.	
16	Fr.-N.	W	Fr.-N.	WSW	N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Fr.-N.	
17	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SW	Cu.-N.	SSW	Cu.	SW	Cu.	
18	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
19	Cu.		Cu.		Cu.		Cu.		Cu.-N.	N	Cu.-N.	N
20	S.-Cu.		Cu.	NE	Cu.	NE	Cu.	NE	Cu.		Cu.	
21	Cu.		Cu.		S.-Cu.	NNE	Cu.		Fr.-Cu.		Fr.-Cu.	
22	Cu.		Cu.	NE	Cu.	NE	Cu.		Cu.		Cu.	
23	Cu.		Cu.		Cu.	E	Cu.		Cu.		Cu.	
24	Cu.	NEbyE	Cu.	NEbyE	Cu.	NEbyE	Cu.	NE	Cu.	NE	Cu.-N.	
25	Cu.		Cu.		Cu.	EbyN	Cu.	EbyN	Cu.	E	Cu.-N.	
26	Cu.-N.		Cu.-N.		Cu.	E	Cu.	E	Cu.	E	Cu.	
27	Cu.		Cu.		Cu.	ENE	Cu.	ENE	Cu.	E	Cu.	E
28	S.-Cu.		Cu.		Cu.	EbyS	Cu.		Cu.-N.	EbyS	Cu.	
29	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
30	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.		Ci.		Ci.		Ci.					
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
		Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.		Ci.-S.						A.-Cu.	
Ci.		Ci.				Ci.		Ci.		Ci.	
A.-Cu.		A.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.	
Ci.-S.		Ci.-S.		A.-Cu.							
Ci.-S.											
A.-Cu.	ENE	Ci.		Ci.		Ci.-Cu.		A.-Cu.	ENE		
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.					
								Ci.-S.		Ci.-S.	
A.-Cu.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.	ENE			Ci.		Ci.	ENE	Ci.	
				Ci.-S.						Ci.	
Ci.											
		Ci.		Ci.		Ci.					
Ci.						Ci.-S.					
				Ci.		Ci.		Ci.		Ci.	
		A.-Cu.		Ci.-S.							
A.-Cu.		Ci.-S.		Ci.-S.				Ci.-Cu.		Ci.-S.	
						Ci.-S.		Ci.-S.			
										Ci.	
Ci.-Cu.	EbyS	A.-Cu.								A.-Cu.	
				Ci.		Ci.					

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.	W	Cu.	W	Cu.		Cu.-N.	W	Cu.-N.	W
Cu.	WNW	Cu.	WNW	Cu.		Cu.	WNW	S.-Cu.	WNW	S.-Cu.	WNW
N.		Cu.-N.	WSW	Cu.-N.	WSW	Fr.-N.		N.	W	Cu.-N.	
Cu.-N.	W	S.-Cu.	W	Cu.-N.		S.-Cu.		S.-Cu.		S.-Cu.	
Cu.	SW	Cu.		Cu.-N.		N.	SW	Cu.-N.	SW	S.-Cu.	
Cu.		Cu.	WSW	Cu.		Cu.		Cu.		Cu.	
Cu.	W	Cu.	W	Cu.		Cu.		Cu.	W	Cu.	W
Cu.		Cu.	W	Cu.	W	Cu.	W	Cu.-N.		S.-Cu.	
N.		N.	W	Fr.-N.	W	Fr.-N.		Cu.-N.	W	Cu.-N.	W
N.		N.		N.	WSW	N.	WSW	N.	WSW	N.	WSW
Cu.	WSW	Cu.-N.	WSW	Cu.		Cu.-N.	WSW	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.	W	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
N.-cf.	NW	Cu.-N.	NW	Cu.-N.		Cu.-N.	WNW	S.-Cu.		S.-Cu.	
N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.	WSW	Cu.-N.	WSW
Cu.		Cu.	SW	Cu.	SW	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.	N	Cu.-N.	ESE	Cu.		Cu.		Cu.	
Cu.-N.	NE	N.	NE	Cu.		Cu.	NE	Cu.		Cu.	NE
Cu.		Fr.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	
Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.	NE	Cu.	
Cu.		Cu.-N.		Cu.-N.	E	Cu.-N.	E	Cu.	SE	Cu.	
N.	NE	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.	E	Cu.-N.		Cu.-N.	ESE	Cu.-N.		Cu.-N.	
Cu.	E	Cu.		Cu.		Cu.	E	Cu.		Cu.	
Cu.-N.		Cu.-N.	ESE	Cu.	E	Cu.	E	Cu.-N.		Cu.-N.	
Cu.	EbyS	Cu.		Cu.	EbyS	Cu.		Cu.		Cu.	
Cu.		Cu.-N.	E	Cu.-N.	E	N.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WNW	1	NNW	1	NNW	1.5	Calm	--------	Calm	--------	N	0.5
2	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
3	NNW	.5	Calm	--------	Calm	--------	Calm	--------	WSW	1.5	Calm	--------
4	W	4	WSW	7	W	5	SW	7	SW	9	WSW	9
5	W	6	SSW	4	SSW	4	SSW	2.5	SW	5	SW	8
6	S	1	Calm	--------	Calm	--------	SSW	8	SSW	5.5	Calm	--------
7	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
8	WSW	3.5	SW	4.5	SW	3	SW	4.5	WSW	3.5	WSW	2.5
9	WSW	8	WSW	8	WSW	9	WSW	5	SW	6	SW	10.5
10	WbyS	8	SW	6.5	WSW	6	SW	10.5	SW	8	SW	7.5
11	SSW	2	SW	3.5	SSW	2.5	ESE	4	SbyW	4	SSE	3
12	WSW	6.5	SW	4	SW	7	SSW	3	Calm	--------	Calm	--------
13	Calm	--------	ESE	.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------
14	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1	NE	.5
15	WNW	4.5	WNW	4.5	WNW	5	WNW	4	WNW	2	NW	3
16	W	5.5	W	4	WSW	5	SW	9	SW	8.5	SW	10
17	SSW	4.5	SSE	2.5	SE	2	SE	2	SE	1.5	SE	1
18	Calm	--------	ESE	1	Calm	--------	Calm	--------	Calm	--------	E	1
19	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
20	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
21	NNW	.5	NNW	1	Calm	--------	NNW	1	Calm	--------	Calm	--------
22	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	E	1
23	NNE	1	NE	1	Calm	--------	Calm	--------	Calm	--------	NE	1
24	Calm	--------	Calm	--------	Calm	--------	NE	1	NE	.5	NE	1
25	Calm	--------	ENE	.5	ENE	1	Calm	--------	Calm	--------	NE	1.5
26	Calm	--------	Calm	--------	N	.5	N	1	Calm	--------	Calm	--------
27	Calm	--------	Calm	--------	Calm .	--------	Calm	--------	Calm	--------	Calm	--------
28	NNE	1	Calm	--------	N	1.5	N	1.5	N	1.5	NNE	.5
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
30	Calm	--------	Calm	--------	NNE	.5	Calm	--------	Calm	--------	Calm	--------
Mean	------------	1.9	------------	1.8	------------	1.8	------------	2.1	------------	1.9	------------	2

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WbyS	1.5	WSW	2.5	WSW	3	SW	5	SW	4	SW	1
2	SW	4	SW	4.5	SW	6.5	WSW	7	SW	5	SW	5
3	SW	9	SW	8.5	WSW	8	WSW	13.5	WSW	11	WSW	10
4	WSW	7	WSW	9.5	WSW	9	WSW	6.5	WSW	10.5	WSW	9
5	SSW	5	SSW	6	SbyW	5	WSW	13	WSW	7	SbyW	2
6	SW	7.5	SW	8	SW	8.5	SW	6.5	SW	4	SW	4
7	WSW	5.5	WSW	6.5	WSW	4.5	WSW	7	WSW	6	WSW	6.5
8	SW	6	SW	5.5	WSW	7	WSW	6	WSW	4.5	WSW	6.5
9	WSW	2.5	W	4.5	WbyS	5	W	1	SW	4.5	SW	5
10	S	2.5	SSE	2.5	SbyE	4	S	2	S	4	S	3
11	WSW	3.5	WSW	3.5	SSW	3	SSW	10	SbyW	4	SbyW	6
12	SW	.5	SW	1	WSW	4.5	WSW	4	WSW	4	WSW	1.5
13	SW	3.5	SW	3	SW	4	SW	5.5	SW	6.5	SW	5.5
14	WbyN	3.5	WSW	2.5	SW	1.5	SSW	2.5	WSW	3	WSW	2
15	NW	2	WNW	3	WNW	7	W	5	W	4	WSW	4.5
16	WSW	5	WSW	3	WbyS	7	SWbyW	5	Calm	--------	SSW	3
17	WSW	9	SW	6.5	SW	7	WSW	5	SWbyW	7	WSW	3
18	WSW	1.5	WSW	5	WSW	5	WSW	5	WSW	4	SW	3
19	WSW	3	WNW	3.5	WNW	3	NW	3	NNE	1	NE	.5
20	W	3.5	ENE	1.5	Calm	--------	S	2	S	3	Calm	--------
21	WSW	3	WSW	4.5	W	4.5	W	1	W	2	Calm	--------
22	W	3.5	W	2.5	WSW	2	SSW	4	SSW	3	SSW	2
23	WSW	4	WSW	2	NNE	1.5	NNW	1.5	NNW	1	Calm	--------
24	SE	4	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	Calm	--------	WNW	2	NW	4	NNW	1.5	Calm	--------	Calm	--------
26	WNW	5	NW	4.5	NNW	1.5	Calm	--------	Calm	--------	Calm	--------
27	WNW	2.5	NNE	2	NNE	1.5	NNE	1	NNW	.5	NNW	2
28	WSW	2.5	WSW	4.5	W	2	W	2	W	1	Calm	--------
29	W	3	WSW	2.5	E	5	Calm	--------	Calm	--------	Calm	--------
30	Calm	--------	WNW	3.5	WNW	2.5	WNW	2.5	W	1	Calm	--------
Mean	------------	3.8	------------	4	------------	4.2	------------	4.3	------------	3.5	------------	2.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5	4	4	2	0.5	1.5	3	4	5	8	9	7
2	0	1	1	0	1	0	0	0	.5	2.5	8.5	11
3	3	2	0	0	3.5	4	1	3.5	29	22	37	35
4	16	20	23	38	41	42	41	**48**	46	36	43	31
5	25	24	22	15	21	30	16.5	15	18.5	26	29	27
6	8.5	2	3.5	1.5	24.5	9.5	1	1.5	3.5	8	28	28
7	0	0	0	0	0	0	0	0	3	6	7.5	6.5
8	19	20	18	22	18	12	10	14	12	12	27	24
9	34	34	36	29	31	34	32	34	32	29	**46**	29
10	30	28	25.5	34.5	**39**	33	29	27	31	20	25	11
11	6	12	10	15	15	13	11	10	10	13	22	22
12	**23**	21	21	14	3	3.5	1.5	3.5	3.5	6	4	4.5
13	3	2	2	1	0	1	0	2.5	2.5	3	9.5	8.5
14	.5	.5	2	2	3	3	3	3	7.5	6	**13**	12.5
15	17	17	17	18.5	15	9	13	16.5	15.5	15	22	14
16	26	18	17	38	34	**39**	33	34	27	29	38	36
17	18.5	10.5	8.5	8.5	6	4.5	6.5	5	7.5	8.5	21	27
18	2	4	2	1.5	2.5	2	4	5.5	4.5	4	4	11
19	3	.5	1	0	.5	1.5	0	5	1	4.5	4	8
20	.5	.5	0	.5	2	3	2	0	4	6	14.5	11.5
21	4	3	2	1	2	1	2.5	1.5	5.5	4	**16**	12
22	1	1	1.5	.5	.5	2.5	2	3	2	5	8.5	12
23	3	4	4.5	1.5	0	2.5	2.5	1.5	3	5.5	**16**	12.5
24	1.5	1	3	4	2.5	2.5	2.5	1.5	3.5	5	11	**15.5**
25	1	2.5	3.5	3.5	1	1	4	7	7.5	7	5	5.5
26	.5	0	4.5	5.5	4	.5	3	.5	4	4	12.5	13
27	4	1	0	0	2.5	2	1.5	2	5	10.5	**18**	15
28	4	0	5	6	6	3.5	4.5	6	6	9	10.5	8.5
29	2	1	1	0	1	2	0	2	1.5	5.5	12.5	**15**
30	1.5	.5	1.5	3	2	1	.5	.5	3	8	13.5	11.5
Mean	8.8	7.8	8	8.9	9.4	8.8	**7.7**	8.4	10.2	10.9	17.8	16.2

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	7	3	3	3	5	6	4	6	7	8	8	10	5.8	9	50
2	10	10	8	8	8	8	9	10	8	10	10	10	9.1	0	30
3	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
4	10	10	10	10	10	10	10	10	8	10	10	10	9.8	**0**	**00**
5	10	10	10	10	10	10	8	7	10	10	10	9	9.5	2	10
6	9	6	7	8	7	7	7	5	3	3	4	2	5.7	8	05
7	3	3	4	7	8	8	8	7	8	8	8	8	6.7	5	05
8	10	8	8	6	7	10	8	8	9	10	10	8	8.5	2	55
9	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
10	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
11	10	10	10	10	10	10	8	8	9	10	9	9	9.4	0	55
12	10	10	10	6	8	9	7	7	7	7	6	2	7.4	6	50
13	4	1	1	2	2	1	2	2	3	3	3	4	**2.3**	9	35
14	9	9	9	9	9	10	9	9	8	10	8	7	8.8	0	35
15	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
16	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
17	10	10	10	9	9	10	4	10	9	8	9	10	9	4	00
18	5	6	6	8	6	7	7	7	6	9	10	5	6.8	6	45
19	10	10	10	10	10	10	10	10	9	10	8	7	9.5	3	15
20	5	6	8	6	9	8	10	10	8	6	6	6	7.3	5	20
21	4	5	4	4	5	4	2	3	2	4	3	8	4	10	05
22	3	4	7	3	3	4	3	5	4	8	8	7	4.9	9	25
23	7	8	6	3	4	7	3	3	9	9	6	3	5.7	6	15
24	4	7	8	4	7	9	10	9	7	9	8	4	7.2	3	05
25	3	5	10	9	9	9	9	9	8	10	10	10	8.4	1	15
26	10	10	10	8	7	9	8	8	8	10	8	7	8.6	3	10
27	4	3	8	5	7	5	9	10	7	6	7	8	6.6	6	05
28	3	2	3	3	8	2	3	2	2	3	3	5	3.2	10	05
29	2	2	3	1	1	5	6	6	10	10	7	7	5	7	55
30	3	2	3	3	3	3	2	2	2	1	1	9	2.8	**10**	**45**
Total														133	55
Mean	7.2	7	7.5	**6.8**	7.4	7.7	7.2	7.4	7.4	**8.1**	7.7	7.5	7.4	4	28

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
N	1.5	Calm	----------	Calm	----------	W	1.5	WSW	2	WSW	2
Calm	----------	Calm	----------	Calm	----------	WSW	1	W	2	SW	3
Calm	----------	SW	3.5	SSW	7	SSW	7	SW	11	SW	7.5
SWbyW	8.5	SW	13	W	10	WNW	14	WNW	10	WbyS	8
SSW	6	SSW	6	SbyW	5	SW	6	WSW	8.5	SW	7
Calm	----------	SSE	1.5	Calm	----------	SW	1.5	SW	8	SW	5
Calm	----------	WbyS	1	Calm	----------	W	2.5	WbyN	.5	W	.5
WSW	2	WSW	4.5	WSW	3	WSW	3.5	SW	6	SW	7
SW	11	SW	8	SW	7	SW	7	SW	5.5	WSW	6.5
SW	5	SW	12.5	SWbyW	5.5	WSW	5.5	SW	5	SW	3.5
ESE	3	ESE	2.5	SE	5	S	4	SW	7	SSW	6
Calm	----------	Calm	----------	S	1	SSE	2	Calm	----------	SSW	1
Calm	----------	Calm	----------	SSW	.5	SW	1	SW	.5	SW	1
NNE	.5	NE	2.5	NNW	2.5	WbyN	4.5	WNW	2.5	WNW	2.5
NW	2	NW	5	NW	7	NW	5.5	WNW	6.5	NW	4
SW	8	SW	7.5	SW	6.5	SSW	9.5	SW	8	SW	8
SE	1	SSE	1.5	S	1.5	S	2.5	SW	7	SW	6
E	1	Calm	----------	SSE	1.5	S	1	SSW	1	WSW	5
Calm	----------	Calm	----------	Calm	----------	S	1.5	Calm	----------	S	3.5
Calm	----------	Calm	----------	SW	1.5	W	3	W	1.5	WSW	2
Calm	----------	Calm	----------	Calm	----------	WbyS	5	WbyS	4	WbyS	4
E	1	Calm	----------	ENE	2	SWbyS	1.5	WSW	2	WSW	3.5
Calm	----------	Calm	----------	SW	1	W	2	WSW	3.5	WSW	2.5
Calm	----------	Calm	----------	SSW	1	WSW	1	W	2	W	4
NE	1.5	Calm	----------	NE	1.5	E	1.5	E	3	S	3
ESE	1	SSE	1.5	S	1.5	WSW	1	WbyN	4	W	4.5
Calm	----------	NW	2.5	WNW	1.5	NWbyW	3.5	NW	4	NW	3.5
NNE	1.5	Calm	----------	NW	2.5	W	2.5	Calm	----------	WSW	2
Calm	----------	Calm	----------	Calm	----------	W	1	W	3	W	3.5
Calm	----------	Calm	----------	W	2.5	W	2.5	W	4.5	W	3
------------	1.8	------------	2.4	------------	2.6	------------	3.5	------------	4.1	------------	4.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm	----------	N	1	NE	1.5	Calm	----------	Calm	----------	Calm	----------	1.3
SW	7	W	4.5	WNW	3	WNW	2	Calm	----------	Calm	----------	2.3
WSW	10	SW	9.5	WSW	9.5	W	8.5	WSW	5.5	WSW	3	6
WSW	7	SW	6.5	WSW	7	WSW	6	SWbyW	6	SWbyW	5	8.1
SSW	2	Calm	----------	SSW	3	S	3	S	4	S	3.5	5.1
SW	3.5	SW	3	SW	3	SW	3	Calm	----------	Calm	----------	3.4
SW	4	SW	4	SW	3	SW	4.5	SW	4.5	SW	4.5	2.7
WSW	7	WNW	6	WNW	4	WSW	6	WSW	8.5	WSW	6.5	5
WSW	6.5	SSW	3	SSW	1	WSW	8	WSW	5	SW	7.5	6
S	8	S	4.5	S	4.5	WNW	3	W	2.5	WSW	3	5.3
ESE	1.5	SSW	3.5	Calm	----------	Calm	----------	Calm	----------	NNW	3	3.5
WSW	.5	SW	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.7
SW	4	SW	4.5	WSW	4	WSW	2	WNW	2	Calm	----------	2
WSW	2.5	WSW	1.5	WNW	3.5	WNW	3	WNW	2.5	WNW	3.5	2
WSW	5.5	WSW	5.5	WSW	7.5	WSW	5.5	WSW	9	WSW	7.5	5
S	5	S	2.5	S	2.5	S	3	S	3.5	SW	4.5	5.6
SW	2.5	SSW	3	SSW	3	Calm	----------	Calm	----------	Calm	----------	3.3
SW	2	SW	3.5	SW	3	WSW	2	SW	1.5	Calm	----------	2
Calm	----------	SE	1	Calm	----------	SE	1	ESE	.5	Calm	----------	.9
Calm	----------	NW	4.5	NNW	1	NNW	2	NNW	1	NNW	2.5	1.2
Calm	----------	S	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1.3
SSW	2	S	3	S	1	S	1	Calm	----------	Calm	----------	1.5
Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	Calm	----------	.9
Calm	----------	Calm	----------	Calm	----------	ENE	1	E	1	Calm	----------	.7
SSE	1	SSE	1	Calm	----------	Calm	----------	Calm	----------	Calm	----------	1
Calm	----------	Calm	----------	SSE	.5	NNW	3	NNE	2	NNW	1	1.4
N	2	N	1.5	NNE	1	Calm	----------	Calm	----------	N	.5	1.2
Calm	----------	Calm	----------	Calm	----------	NE	1.5	Calm	----------	Calm	----------	1.2
Calm	----------	SSW	1	WNW	1.5	Calm	----------	Calm	----------	Calm	----------	.9
WSW	2.5	SW	3	ESE	2	Calm	----------	NNE	3	NE	3.5	1.5
------------	2.9	------------	2.8	------------	2.3	------------	2.3	------------	2.1	------------	2	2.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
9	11	12	14	**17**	7	5	10	10	1	0	0	6.2
16.5	20	27	29	**31**	24	29.5	25.5	25	19	3	2	11.5
37	28	33	36.5	43.5	38	44	**50**	47	33	26	18	23.9
26	37	45	34	43	44	40	38	38	34	30	27	**35.9**
25	26	30	**38**	37	13	9	4.5	11.5	13	13	16	21
29	26	28	27	24	19	16	15	10	9	5	0	13.6
14.5	17.5	17	21	21	**26**	23	22.5	19.5	25	22	19	11.3
31	30	33	26	17	21	32	25	13	23	**38**	33	22.1
29	21	28	27	23	31	27	16	7	15	22.5	24.5	28
9	8	6	10	21	10	28	18	19	16	11	13	20.9
23	15	20	31	19	14	12	12	4	3	4.5	6.5	13.5
3.5	10	21	16	18	13	7	6	3.5	.5	1.5	.5	8.7
11	10	17	21	**24**	21	18	19	16	9	6.5	.5	8.7
11	11	10.5	10.5	10	8	8	8.5	6.5	12	11	11.5	7.3
11	16	24	21	18	21	20	19	25	27	34	**35**	19.2
24	29	35	25	9.5	6.5	17	14	11	11	11	12	23.9
28	28	**29**	24	22	18	15	12	8	2	2	2	13.4
10	16	17	**26**	25	19	17	15	14	10.5	9	2	9.5
11	**14**	11	10	5	4	.5	1.5	6	5	2	1.5	4
13.5	**16**	1	35	9	6	3.5	6	10	4	6	6	5.4
11	13	12	10	4.5	1.5	2.5	3.5	2	0	1	2	4.9
15	12	15	**16**	14	9.5	10.5	11	8	4	4	.5	6.6
13.5	12	9	10	5	2	1	1.5	1	.5	1	2.5	4.8
11.5	6	3	1	.5	0	0	.5	1	2.5	3	3	**3.6**
7.5	**12**	10.5	9.5	2	1	1	4.5	3.5	1	2	2.5	4.4
17	15.5	10	7.5	2.5	3	2.5	1	2.5	12.5	11	5.5	5.9
15.5	**18**	7.5	8	8	7	10	11	6.5	1.5	.5	2.5	6.6
10	**12**	**12**	9	7	2.5	0	2.5	2	5	4	1	5.7
13	11.5	11.5	7.5	3.5	3	1	8	8.5	1	1	0	4.7
8	8.5	7.5	9	6	2	10	12	8	1	7	**16**	5.9
16.5	17	**18.1**	17.9	16.3	13.2	13.7	13.1	11.6	10	9.8	8.8	12

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	3		1								3	4	2	1		2	8	149	3.1	0.8
2											7	2	2	2			11	277	2.2	5.1
3										2	6	9	1			1	5	574	1.1	3
4											4	14	4	2				**861**	2.3	21.4
5									3	12	4	3	1				1	505	1.8	6.4
6								1	1	2	13						7	327.5	3.4	.3
7											6	7	2	1			8	271	4.4	
8											7	15		2				530	**4.8**	
9										2	10	9	3					671	.3	105.8
10								1	8		8	4	2	1				502	**.1**	**128.2**
11						4	1	1	1	9	2	2				1	3	323	1.5	44.9
12						1		1		2	5	6					9	209	2.8	6.5
13						1				1	11	2		1			8	208	3.4	.6
14		2	2							1	1	5		8		1	4	174.5	4	
15												7	2	8	7			460.5	2.8	
16									5	2	9	4	3				1	574	.8	16.2
17							5	2	2	3	5	4					3	322	2.9	
18					2	1		1	1	1	5	7					6	227.5	3.3	2
19		1	1			1	2		2			1		2	1		13	96	2.7	.3
20				1					2		1	1	3		1	4	11	129	2	4.8
21									1			2	6			3	12	117.5	3.1	.8
22				1	2				3	4	1	3	2				8	159	4	
23		2	2								1	4	1			2	12	115.5	2.5	
24			3	1	1		1			1		1	2				14	85.5	1.1	5.1
25			3	2	2			2	1					1	1	1	11	105.5	2	
26	2	1				1		2	1			1	1	2	1	3	9	142.5	2.8	
27	3	4												2	4	2	9	157.5	2.5	1.3
28	3	3	1									3	4		1		9	136	3.6	
29					1					1		1	4	1			16	113	2.4	5.1
30		2	1			1					1	1	5	3			10	141.5	3.7	6.9
Total Mean	11 0.4	15 0.5	14 0.5	5 **0.2**	8 0.3	10 0.3	9 0.3	11 0.4	31 1	43 1.4	110 3.7	122 4.1	50 1.7	37 1.2	16 0.5	20 0.7	208 **6.9**	8,664.5 288.8	77.4 2.6	365.5 12.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	758.45	0.05a.	32.1	3.05p.	95	24.2	753.95	4.40p.	22.3	4.00a.	68.5	18.7
2	55.05	7.55a.	31	0.10p.	94	24.2	51.15	3.55p.	23.3	5.10a.	78	20
3	**53.75**	0.05a.	28.4	11.15a.	94	24	**49.60**	4.25p.	24	4.35a.	82	19.9
4	55.05	10.55p.	28.9	2.05p.	90	23.5	50.25	4.05a.	23.8	5.55a.	78	19.1
5	58.75	10.25p.	31.5	2.05p.	94	24.4	54.40	2.30a.	24.6	0.55a.	74	21.1
6	59.60	10.30p.	32.1	1.20p.	93	23.8	56.80	3.25p.	24.3	3.50a.	71	20.8
7	59.54	9.00a.	31.6	10.30a.	96	23.8	57.35	3.30p.	23.8	5.30a.	70	20.6
8	59.05	9.00a.	32	10.20a.	**86.5**	24.4	56.50	2.40p.	**26.9**	5.30a.	73	21.6
9	57.15	10.25p.	29	8.50a.	95	23.8	54.85	1.30p.	23.6	2.50p.	82	20.6
10	55.80	8.25a.	**27.7**	10.05a.	**100**	24.1	53.55	5.05p.	23.7	11.55p.	**83**	20.4
11	58.80	8.10p.	30	2.05p.	98	23.3	54.05	4.55a.	22.2	8.55p.	76	18.4
12	60.40	11.00p.	32.4	2.30p.	97	24	56.90	5.00a.	22.2	6.05a.	72	19.5
13	60.85	10.10p.	32.1	1.50p.	95	24.2	57.95	4.45p.	23.2	5.30a.	67	20
14	60.65	9.30a.	31.1	2.30p.	97	23.7	58.15	4.30p.	24.7	6.35a.	68	20.9
15	58.80	0.30a.	30.4	10.25a.	89.5	23.8	56.10	3.25p.	26.2	6.00a.	76	20.8
16	58.20	9.25p.	29.3	11.55a.	96	25.2	55.85	4.15a.	25.4	1.55a.	75	21.9
17	59.95	10.25p.	31.5	10.45a.	96	24.8	57.65	3.10p.	24.6	5.50a.	75	**22.2**
18	60.15	10.35p.	32.1	1.15p.	98	25.2	57.55	3.10p.	23.6	5.50a.	72	20.5
19	60.94	9.00a.	32.1	0.15p.	98	24.7	58.10	3.05p.	24.5	Midnight.	73	19.5
20	60.22	10.00a.	31.2	3.35p.	94	**25.4**	57.45	3.35p.	23.5	5.55a.	76	20
21	59.05	0.05a.	32.5	4.15p.	95	23.9	56.10	3.00p.	22.4	5.45a.	**60**	19
22	60.65	9.35p.	**33**	3.20p.	95	24.5	56.95	3.10p.	22.8	5.55a.	62	18.9
23	60.90	8.10a.	**33**	2.10p.	98	24.1	58.25	2.15p.	23.5	5.35a.	64	20.2
24	60.85	9.45a.	30.7	11.45a.	98	23.5	58.20	3.55p.	23.2	5.10a.	78	20.1
25	61	9.30a.	30.7	0.45p.	97	**22.7**	57.65	3.10p.	22.1	5.15a.	72	19.1
26	60.70	10.00p.	32.4	3.10p.	96	24.3	57.10	3.30p.	22.8	5.45a.	68	19.8
27	**61.10**	9.45a.	32.2	0.20p.	97	23.8	**58.89**	3.00p.	23.1	6.00a.	72	18.8
28	60.99	9.00a.	32.5	3.15p.	96	23.4	57.96	4.00p.	22.2	5.45a.	63	18.6
29	60.60	8.55a.	32.6	2.15p.	97	24.9	57.25	2.30p.	**21.2**	5.20a.	66.5	**16.8**
30	59.80	9.05a.	**33**	2.50p.	97	23.7	56.80	3.15p.	23	5.45a.	63	19.7
Mean	759.23	--------	31.3	--------	95.4	24.1	756.11	--------	23.6	--------	71.9	19.9

DAILY GENERAL REMARKS.

1----⌒, ⊤ E in the afternoon; ↯ N, d in the evening.
2----● at night.
3----d° in the early morning; d in the afternoon and at night; gusty SWly winds in the forenoon, afternoon and evening.
4----Gusty Wly winds at intervals with some ● in the early morning and at night.
5----Gusty SWly winds at intervals with some ●.
6----d° in the early morning; somewhat gusty SWly winds in the early morning, forenoon and afternoon.
7----Somewhat gusty WSW winds in the afternoon.
8----Somewhat gusty WSW winds at intervals.
9----Rainy and somewhat squally weather; ⊤ N and E quadrants in the morning, ⊤ S, N in the afternoon.
10----Rainy weather especially in the afternoon, with gusty SWly winds in the morning.
11----● in the early morning, afternoon and at night; gusty SWly winds in the forenoon and afternoon; ↯ W in the evening.
12----● in the early morning.
13----●° at night.
14----Coloration of clouds at sunset.
15----d° in the afternoon; somewhat gusty Wly winds at intervals.
16----● in the early morning and afternoon; gusty SWly winds in the morning.
17----d° early in the morning; somewhat gusty SWly winds in the forenoon and afternoon.
18----↯ W in the evening; ●° at night.
19----d° in the early morning; ⊤ N 1.30 p. m.
20----⛈ NE quadrant, ⛈° S quadrant, ● in the afternoon.
21----●° 5.20 p. m.
22----⊤ E in the afternoon; coloration of clouds at sunset; ↯ NNE in the evening.
23----⛈ NE, d° in the afternoon; ↯ NW in the evening.
24----⛈ N, ● in the afternoon; coloration of lower clouds at sunset; ↯ N in the evening.
25----Overcast.
26----Coloration of clouds at sunrise; ⊤ S in the afternoon.
27----⛈ NE quadrant, ● in the afternoon; ↯ NNW in the evening.
28----d° in the morning.
29----Thundershowers in the afternoon; ↯ NW in the evening.
30----↯ W in the evening; ● at night.

OBSERVATIONS FOR OCTOBER, 1913.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.80	58.50	58.40	58.25	58.50	59.03	59.20	59.82	**59.95**	59.92	59.59	58.88
2	58.75	58.60	58.75	58.65	58.75	58.97	59.22	**59.35**	59.23	59.17	58.88	58.23
3	58.50	58.40	58.05	57.75	57.80	58.30	58.85	59.58	**59.74**	59.58	59.39	58.79
4	59	58.70	58.65	58.65	58.95	59.17	59.63	59.94	60.13	**60.19**	59.86	59.59
5	59.25	58.80	58.75	58.60	58.75	59.16	59.25	59.85	**59.90**	**59.90**	59.60	58.71
6	58.90	58.50	58.35	58.15	58.45	58.69	59.09	59.53	59.79	59.28	58.98	58.09
7	59.30	58.85	58.55	58.55	58.70	59.19	59.59	60.04	60.13	**60.15**	59.70	59.23
8	59.35	59.10	58.90	58.85	58.90	59.44	59.81	60.06	**60.19**	60.17	59.82	59.23
9	58.35	58	57.70	57.55	57.60	58.01	58.51	58.73	**58.91**	58.66	58	57.34
10	57.45	56.90	56.70	56.60	56.65	56.69	57.03	57.61	**57.79**	57.59	56.98	56.45
11	55.80	55.60	55.20	55.15	55.25	55.39	55.80	56.09	**56.41**	56.26	55.89	55.31
12	55.20	54.60	54.45	53.75	53.70	53.99	54.97	54.88	**55.30**	55.01	54.55	54.24
13	**53.10**	52.50	51.95	51.95	51.85	52.04	52.11	52.66	52.64	52.44	52.17	51.89
14	51.35	**51**	51.10	51.20	51.30	52.05	52.65	52.74	**53.49**	53.39	52.85	52.95
15	52.80	**52.60**	52.65	52.75	53.05	53.42	54.56	55.35	55.85	55.97	55.73	55.62
16	57.25	**57**	**57**	57.05	57.15	57.68	58.23	58.68	59.04	58.99	58.72	58.22
17	59	58.80	58.70	58.65	58.70	59.05	59.45	59.86	60.08	59.96	59.64	59.14
18	60.20	60.05	59.85	59.85	60.05	60.23	60.57	60.95	**61.12**	61.02	60.36	59.82
19	60.25	60.10	59.75	59.75	60.05	60.36	61.02	61.27	**61.40**	61.39	60.98	60.37
20	60.35	60	59.85	59.95	60.05	60.52	61.12	61.40	**61.72**	61.50	61.12	60.77
21	60.90	60.65	60.40	60.35	60.40	60.68	60.99	61.17	**61.47**	**61.47**	60.89	60.43
22	59.85	59.85	59.70	59.55	59.75	59.96	60.31	**60.49**	60.48	60.42	59.94	59.28
23	59.15	58.90	58.60	58.65	58.75	59.10	59.59	59.82	60.17	60.09	59.68	59.27
24	60	59.65	59.40	59.20	59.35	59.86	60.11	60.69	61.05	61.10	60.75	60.37
25	61.10	60.80	60.75	60.75	60.75	61.20	61.65	62.18	**62.37**	62.08	61.82	61.14
26	61.25	60.95	60.75	60.75	60.85	61.04	61.46	61.70	**61.92**	61.42	60.89	60.19
27	60.10	59.80	59.55	59.70	59.80	60.23	60.48	61.06	**61.54**	61.27	60.84	60.28
28	60.65	60.45	60.20	60.20	60.40	61.07	61.38	61.82	61.94	61.88	61.46	61.04
29	61.55	61.10	60.85	60.75	60.90	61.42	61.62	62.02	**62.53**	62.44	61.91	61.42
30	61.15	61	60.85	60.65	60.90	61.23	61.59	**62.12**	62.08	61.85	61.21	60.58
31	60.05	59.90	59.75	59.90	59.80	60.04	60.55	60.82	61.03	**61.18**	60.74	60.44
Mean	58.67	58.38	58.20	58.13	58.25	58.62	59.04	59.43	**59.66**	59.54	59.13	58.62

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.3	24.2	24.3	24.2	**24.1**	24.2	26.5	27.6	28.3	29.5	30.2	30.4
2	25.8	25.3	25.6	25.7	25.3	**25**	25.5	27.8	29.3	30.3	31	31
3	25.5	25.1	25	24.9	**24.8**	**24.8**	25.6	27.7	28.5	28.2	28.1	28.3
4	25	24.7	24.6	24.5	24.6	24.6	26.6	28	29.9	**31.1**	28.2	24.2
5	22.1	22.7	22.2	22.1	**22**	22.4	25	26.8	28.8	29.4	29.9	29.8
6	24.8	24.4	24.5	24.5	24.4	**24.1**	24.5	25.4	26.8	29	29.3	30
7	24.6	23.9	23.8	23.5	**22.8**	**22.8**	24.8	27.2	28.1	28.9	29.6	29.6
8	23.7	23.5	23.1	22.8	22.5	**22.2**	24.8	27.4	29.1	29.4	29.9	30.2
9	24.5	24.3	24.1	23.5	23.2	**22.8**	24.5	26.5	28.2	29.4	29.6	29.7
10	24.3	24.1	23.9	23.9	24.1	**23.5**	24.7	26.7	29.1	30.2	30.2	30.9
11	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.8	25.7	25.8	**26.5**	**26.5**
12	23.6	23.5	23.2	**22.9**	23.1	23.1	23.7	25.2	26	27.6	27.5	**28.3**
13	23.7	**23.6**	**23.6**	23.7	23.9	23.8	24.5	26.1	27	26.7	**27.5**	25.9
14	25.7	25.7	25.7	25.5	25.7	25.7	25.3	**24.5**	25.7	**26.6**	26	25.1
15	25	24.7	24.5	24.6	24.3	**23.7**	25.2	27	29.2	30.1	29.4	30.2
16	26.8	26	24.9	24.8	24.6	**24.2**	25.1	27.9	27.2	28.6	30.2	30.7
17	24.3	24.1	23.9	23.5	**23.1**	**23.1**	24.5	26.2	27.8	28.9	28.6	28.7
18	23.9	23.4	23.1	23.3	23.2	**22.9**	24.5	27.1	28.3	29.6	30	30.7
19	23.1	23	22.6	22.2	21.9	**21.8**	24.2	27	29.7	30.6	28.7	29.7
20	24	24.1	23.7	23.2	23.1	**23**	24	26.7	27	28.3	29.3	28.3
21	23.2	23	22.9	22.4	22.3	**22.2**	24	27.2	28.8	28.2	29.1	29.2
22	24.1	24	23.6	23.5	23.3	**22.9**	24	27.1	27.2	27.6	29.2	29.5
23	24.1	24.1	24.3	24.2	23.9	23.4	24.2	26.4	27.7	28.3	28.7	28.3
24	22.6	22.4	22.4	22.5	**21.8**	22.2	23.3	26.4	28.1	28.6	28.7	29.4
25	23.1	22.4	22.2	21.6	21.5	**21.4**	23.2	25.3	27.2	28.2	29.2	28.6
26	21.5	21	20.7	20.4	20.2	**20**	22.3	25.7	27.2	28.3	29.2	29
27	21.9	21.5	21.1	20.6	**20.4**	20.5	22.5	25	27	28	28.8	28.9
28	22.7	22.3	21.9	**21.6**	21.7	**21.6**	23.3	24.6	28	27.3	27.5	**30.1**
29	23.3	23.1	22.4	**22.1**	**22.1**	**22.1**	24	27.2	28.5	28.6	28.9	29.1
30	22.3	**22**	22.4	22.6	22.4	22.7	23.8	27.2	28.3	28.7	28.7	29.2
31	23.5	23.3	22.7	**22.4**	22.5	**22.4**	22.9	26.2	28.4	28.8	28.5	**29.6**
Mean	23.9	23.7	23.5	23.3	23.2	**23**	24.4	26.5	27.9	28.7	28.9	29

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.13	57.57	**57.35**	57.55	57.56	57.81	58.17	58.60	59.15	59.20	59.05	58.95	58.66
57.32	**56.70**	56.71	56.72	57.10	57.35	57.82	58.35	58.65	58.90	58.80	58.50	58.31
57.99	57.37	**56.99**	57.32	57.26	58.16	58.74	59	59.40	59.35	59.45	59.35	58.55
58.32	57.67	**57.32**	57.57	58.14	58.32	58.75	59.30	59.80	60	59.85	59.55	59.04
58.07	57.59	**57.25**	57.40	57.91	58.32	59.15	59.75	59.80	59.50	59.15	58.90	58.89
58.02	56.89	**56.82**	57.03	57.50	57.94	58.40	58.90	59.50	**59.95**	59.65	59.55	58.58
58.56	57.81	**57.42**	57.77	58.05	58.59	59.17	59.50	59.90	**60.15**	60.10	59.80	59.12
58.24	57.70	**57.39**	**57.39**	57.92	58.27	58.57	59.10	59.45	59.35	59.10	58.85	58.96
56.49	55.92	55.55	**55.51**	55.76	56.42	57.17	58.05	58.50	58.30	57.95	57.85	57.53
55.52	**54.98**	55.02	55.09	55.57	55.72	56.14	56.50	56.70	56.85	56.70	56.15	56.47
55	54.71	54.74	**54.51**	54.55	54.66	54.65	55.05	55.55	55.40	55.45	55.35	55.32
53.64	52.89	**52.59**	52.64	52.70	52.80	53.45	53.80	54.30	54.20	53.85	53.40	53.95
51.39	50.96	50.55	**50.47**	50.55	50.85	51.55	52.05	52.50	52.45	52.25	52.10	**51.87**
52.62	51.96	51.78	51.88	52	52.12	52.63	53	53.10	53.30	53.15	53.15	52.36
55.02	54.58	54.52	54.58	55.18	55.58	56.22	57	57.55	57.60	**57.70**	57.60	55.14
57.62	57.06	57.06	57.01	57.27	57.74	58.12	58.60	59.25	59.40	**59.55**	**59.55**	58.05
58.58	57.96	**57.59**	57.94	58.27	58.67	59.17	59.85	60.50	60.55	60.60	**60.65**	59.22
58.86	58.40	**58.32**	58.51	58.96	59.24	59.75	60.10	60.85	60.70	60.70	60.50	59.96
59.46	**58.86**	58.89	59.03	59.43	59.78	60	60.65	60.95	60.90	60.70	60.45	60.24
60.09	**59.52**	59.63	59.70	59.85	60.12	60.53	61.20	61.35	61.60	61.40	61.05	60.60
59.61	59.01	**58.83**	**58.83**	59.06	59.27	59.58	60.15	60.40	60.40	60.55	60.15	60.24
58.63	57.92	57.46	**57.31**	57.48	57.95	58.41	59.05	59.50	59.65	59.90	59.45	59.26
58.43	57.69	**57.52**	57.62	57.97	58.47	59.18	60	60.10	**60.35**	**60.35**	60.20	59.15
59.84	59.23	**59.06**	59.12	59.45	60.07	60.92	61.45	61.75	**61.85**	61.65	61.45	60.31
60.47	59.82	**59.59**	59.64	59.79	60.07	60.60	61.35	61.60	61.85	61.70	61.50	61.02
59.24	58.62	**58.39**	58.42	58.55	58.93	59.35	60.10	60.35	60.60	60.55	60.40	60.28
59.32	58.65	58.37	**58.24**	58.67	59.08	59.85	60.40	60.70	61	61	60.85	60.03
60.43	59.74	**59.42**	59.54	59.84	60.27	60.86	61.30	61.60	61.90	**62**	61.85	60.88
60.81	60.27	**59.64**	**59.64**	59.98	60.17	60.59	61	61.40	61.75	61.70	61.55	**61.13**
59.83	59.20	**58.90**	58.91	59	59.42	60.07	60.50	60.70	60.70	60.50	60.15	60.55
60.12	59.59	**59.32**	**59.32**	59.37	59.73	60.05	60.55	60.90	61.15	61	60.65	60.25
57.92	57.32	**57.10**	57.17	57.44	57.80	58.31	58.85	59.22	59.32	59.23	59.01	58.51

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31	31.3	**31.9**	31.3	30.7	28.5	27.9	26.8	26.6	26.1	25.9	25.8	27.
31.5	**31.8**	31.7	31.4	30.3	28	27.4	26.6	26	25.8	25.7	25.6	**27.9**
27.1	28.4	**30**	29.9	28.3	26.9	26.1	25.8	25.7	25.3	25.1	25	26.7
26.8	30.9	30.7	30.6	29.5	27.6	26.7	25.5	24.7	23.8	23	**22.3**	26.6
26.3	29.5	**30.1**	30	27.2	25.7	25	25.1	25.2	25.1	25.1	25.1	25.9
26.9	27.7	**30.7**	27.9	28.3	26.8	26.7	25.8	25.6	25.5	25.2	24.7	26.4
30	29.5	**30.5**	29.6	29.2	27.2	26.3	25.7	25.4	25.1	24.5	24.2	26.5
30.3	**30.3**	28.1	28.9	28.1	27.3	26.8	26.4	26.2	26	25.3	25	26.6
30.2	30	29.9	30.1	28.7	27.4	26.5	25.7	25.7	25.8	25.5	24.8	26.7
30.9	**31**	28.9	28.2	27.8	26.5	26	25.9	25.5	25.4	25.3	25.2	26.8
26.3	25.8	24.9	24.6	24.5	23.8	23.9	**23.7**	**23.7**	**23.7**	**23.7**	**23.7**	25
28.2	27.7	27.7	27.5	27	26.2	24.7	24.4	24.2	24	23.7	23.6	25.3
26.9	25.6	25.7	26	26.4	26.5	26.1	25.7	25.3	25.8	25.7	25.8	25.5
25.1	25.6	25.4	25.9	25.6	25	24.7	24.8	24.6	24.7	24.9	24.9	25.4
31.2	30.7	29.6	29.7	28.4	28	28	28	27	26.9	26.8	26.9	27.5
30.6	**30.9**	30.1	29.1	28	27.4	27.3	27.2	26.8	25.2	24.8	24.6	27.2
29	29.2	29.7	**29.8**	27.5	25.2	25.6	25	24.7	24.3	24	24	26
31.1	31	29.7	30	28	26.5	25.8	25.1	24.7	24.4	23.8	23.5	26.4
30.8	28.8	27.4	27.7	27.6	26.4	25.7	25.2	24.9	24.9	24.8	24.5	26
29.8	29.7	27.3	27.8	27.2	25.8	25.5	25.5	25.3	24.7	24.1	23.7	25.9
30	**30.5**	30	28	28	26.4	26	25.6	25.2	24.9	24.5	24.2	26.1
30.4	30.6	**31**	**31**	29.2	28.1	27.9	27.4	26.6	26.1	24.8	23.9	26.8
28.3	29.3	**30.3**	26.2	26.5	25.7	25.1	24.5	24.3	24.2	23.4	**23.2**	25.8
29.1	29.6	**30.1**	29.1	28.1	26.3	25.2	24.3	24.3	24.3	23.5	23.3	25.6
28.9	28.8	**29.7**	28.9	27	24.9	23.9	23.2	22.6	23.1	22.5	22.1	25
29.5	**29.8**	29.4	28.7	26.7	25.1	24.1	23.3	22.8	22.1	21.8	21.5	**24.6**
29.4	29.3	**29.6**	29.5	28.2	26.4	25.4	24.5	24.1	23.7	23.4	22.7	25.1
28.5	28.7	29.1	28.3	27.1	26	25.1	25	25	24.4	23.4	23.2	25.3
27.4	28.6	29.6	**30.1**	28	26.1	25	24.1	23.4	23.1	22.4	22.6	25.5
29.9	30.5	**31.1**	30.2	29.1	26.9	26.2	25.4	25.3	24.4	24.4	24.2	26.2
26.1	27	27.7	27.7	26.7	25.9	25.3	25.1	24.7	24.7	24.4	24.4	25.5
29	**29.3**	**29.3**	28.8	27.8	26.5	25.9	25.4	25	24.8	24.4	24.1	26.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	94	94	94	93	**95**	89	84	86	79	71	76
2	87	91	90	89	92	92	**94**	86	78	75	73	72
3	93	95	95	91	90	90	90	81	78	79	80	82
4	92	91	92	**93**	**93**	**93**	86	79	75	**68**	79	89
5	89	87	90	88	90	88.5	81	78	**66**	68	72	70
6	93	**96**	95	**96**	**96**	94	94	90	82	73	71	74
7	90	94	94	**96**	**96**	95	88	79	73	73	69	68
8	94	94	94	93	94	95	85	77	75	71	74	74
9	**95**	89	91	93	92	93	90	79.5	77	71	**69**	75
10	94	92	93	92	91	95	91	83	73	70	70	69
11	94	90	92	92.5	89	90	93	89	92	91	**84**	**84**
12	95	96	96	**97**	96	96	94	86	81.5	79	**75**	77
13	92	93	94	92	94	96	**97**	94	85	86	83	**81**
14	**97**	93	93	93	91	**90**	92	**97**	95	**90**	94	93
15	95	96	95	96	95	95	**97**	90	77	72	74	69.5
16	87	94	95	95	93	**96**	93	81	81	73	70	**68**
17	85	86	86	86	86	88	83	79	70.5	71	71	72
18	91	93	94	**95**	94	**95**	91	77	70	67	67	69
19	87	87	88	88	87.5	87	81	79	68	**65**	69	70
20	91	92	93	96	96	**97**	95	82	80	71	**70**	72
21	94	94	94	**95**	**95**	**95**	90	78	71	72	71	70
22	94	93	**95**	**95**	93	**95**	93	81	81	81	76	75
23	90	91	93	93	94	**97**	94	84	75	74	74	72
24	90	90	89	92	**94**	87	88	76	66	65	**59**	65
25	87	91	88	93	92	**94**	89	80	73	67	63	64
26	85	87	**88**	84	86	**88**	81	71	66	**57**	58	62
27	90	90	90	91	**93**	92	87	79.5	71	66	67	62
28	92	94	**97**	95.5	96	96	92	82	74	76	70	**64**
29	97	98	98	**99**	98	96	93	73	73	68.5	67	**63**
30	88	88	87	89	**90**	89	87	73	68	67	71	71
31	89	91	92	92	91	91	91	77	74	71	73	**69**
Mean	91.3	91.9	92.4	92.7	92.6	**92.9**	90	81.5	76	72.8	72.1	72.3

VAPOR PRESSURE (^{mm}).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.2	21.1	21.2	21.1	**20.8**	21.3	22.8	23.2	**24.6**	24.3	22.8	**24.6**
2	21.5	21.8	22	21.9	21.9	21.7	22.8	23.9	23.5	24	**24.5**	24
3	22.4	22.5	22.4	21.2	**20.9**	**20.9**	22	22.3	22.6	22.4	22.6	**23.6**
4	21.6	21	21.2	21.3	21.4	21.4	22.3	22.1	23.4	22.8	22.4	19.9
5	17.6	17.8	17.9	**17.5**	17.7	17.8	19.1	20.5	19.4	20.8	22.6	21.8
6	21.7	21.7	21.7	21.9	21.7	**21**	21.5	21.7	21.4	21.6	21.5	**23.4**
7	20.7	20.7	20.6	20.6	19.7	**19.5**	20.5	21.2	20.6	21.5	21.3	20.9
8	20.5	20.2	19.7	19.2	19	**18.8**	19.8	20.9	22.4	21.6	23.2	23.7
9	21.7	20.1	20.2	20	19.5	**19.2**	20.5	20.4	22	21.6	21.3	23.1
10	21.2	20.6	20.5	20.3	20.4	20.4	21	21.5	21.8	22.4	22.4	22.8
11	22.4	21.4	21.8	22	21.2	21.4	22.3	22	**22.5**	22.4	21.6	21.6
12	20.5	20.6	20.2	20	20.1	20.1	20.5	20.5	20.3	21.5	20.4	21.9
13	20.1	20.1	20.3	20.1	20.7	20.9	22	23.7	22.5	22.3	22.6	**20**
14	**23.7**	22.9	22.9	22.6	22.3	22.1	21.9	22.3	23.3	23.4	23.3	22.1
15	22.4	22.2	21.7	22	21.4	**20.6**	23	24	23.2	22.9	22.5	22.1
16	22.8	23.3	22.2	22.1	21.4	21.5	22.1	22.6	21.8	21.3	22.4	22.2
17	19.1	19.3	18.9	18.5	**18.1**	18.4	19	19.8	19.6	20.9	20.5	21
18	20	19.9	19.7	20.1	19.8	19.6	20.7	20.4	20.1	20.7	21	22.7
19	18.3	18.1	17.9	17.6	17.1	**17**	18.1	20.9	21	21.3	20.1	21.6
20	20.3	20.6	20.2	20.2	**20.1**	20.3	21	21.3	21.1	20.3	21.3	20.7
21	19.8	19.6	19.5	19.1	18.9	**18.8**	19.9	20.8	20.8	20.4	21.2	21.1
22	21	20.7	20.5	20.4	19.8	19.6	20.7	21.6	21.8	22.3	22.8	**23**
23	20	20.4	21	20.9	20.7	20.6	21.1	21.5	20.7	21.1	**21.7**	20.7
24	18.4	18.2	18	18.6	18.2	17.2	18.7	19.6	18.7	19	17.4	19.8
25	18.3	18.3	17.6	17.8	17.5	17.7	18.7	19.1	**19.6**	19	19	18.6
26	16.1	16.1	16	**15**	15.1	15.3	16.3	17.4	17.7	16.3	17.4	18.5
27	17.6	17.2	16.7	**16.5**	16.6	16.6	17.6	18.7	18.8	18.6	19.8	18.4
28	18.9	18.8	19	**18.3**	18.4	18.5	19.6	18.8	20.7	20.5	19	20.2
29	20.5	20.6	19.8	19.6	19.4	19.1	20.7	19.4	**21**	19.9	19.9	18.8
30	17.7	**17.2**	17.5	18.2	18.2	18.3	19.1	19.4	19.3	19.7	20.6	21.4
31	19.1	19.4	18.9	18.5	18.4	**18.3**	18.9	19.5	21.2	21	21	21.3
Mean	20.2	20.1	19.9	19.8	19.6	**19.5**	20.5	21	21.2	21.2	21.3	21.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
69	**64**	65	71	70.5	80	79	86	87	86	90	88	82.7
70	65	63	**61.5**	69	83	83	87	92	93	**94**	92	82.1
85	82	**71**	74	80	90	91	93	93	94	**96**	95	87
86	70	72	**68**	73	80	84	88	88	82	83	88	83
80	72	71	76	81	91	92	93	96	97	**98**	97	83.8
84	84	**70.5**	81	80	87	89	88	89	91	92.5	92	86.8
67	71	69	75	76	83.5	88	88	90	94	94	94	83.5
72	**68**	85	85	88	90	94	96	**97**	92	**97**	92	86.5
77	75	75	75	86	86	86	86	91	89	93	94	84.5
69	**59**	78	82	81	89	92	88.5	92	**97**	95	94	84.6
88	88	**95**	90	90	94	**95**	93	93	94	**95**	94	91.2
77	84	88	88	89	89.5	90	87	91	91	92	92	88.6
89	91	93	91	92	94	94	94	93	93	93	95	91.6
92	**90**	93	91	91	94	**97**	96	**97**	95	92	93	**93.3**
68	72	81	79	82	80	79	80	86.5	87	87	87	84.2
71	72	73	74	77	76	78	78	81	85	84	85	81.7
71	66	64.5	**64**	68	77	87	87	88	**90**	**90**	**90**	79.4
70	**65**	68	66	77	84	83	83	85	82	85.5	85	80.7
67	78	84	84	81	85	84	88	88	86	86	**89**	81.5
71	71	82	79	85	86	90	92	94	96	**97**	94	86.3
67	**66**	67	76	77	88	91	93	92.5	91	91	91	83.7
68	**65**	**65**	**65**	70	77	79	84	88	89	82	90	82.2
76	71	**68**	76	82.5	88	81	83	82	79	85	85	82.8
64	67	63	64	72	71	73	74	75	76	84	85	**76.2**
65	65	**60**	61.5	70	75	70	71	77	74.5	79	81	**76.2**
64	63	65	69	77	80	85	81	82	83	87	**88**	76.5
60	62	63	66	72	80	75	79	82	84	88	91	78.4
68	65	65.5	70	79	79	80	79	82	86	90	91	81.8
70	68.5	67	65	74	79	82	82	81	84	87	86	81.2
66	**64**	65.5	67	73	83	82	79	83	87	86	86	78.7
85	81	75	80	84	85	87	87	91	92	**93**	**93**	84.8
73.4	**71.8**	73.1	74.6	78.9	84	85.2	85.9	88	88.4	89.9	90.2	83.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.9	21.7	23	24.3	23.1	23	21.9	22.4	22.6	21.7	22.4	21.9	22.5
23.9	22.8	21.9	**21**	22.1	23.3	22.5	22.6	22.9	23.1	23.1	22.4	22.7
22.7	23.5	22.5	23.2	22.9	**23.6**	22.9	23.1	22.9	22.6	22.7	22.4	22.5
22.6	23.2	**23.8**	22.1	22.4	21.9	21.9	21.3	20.4	18	**17.3**	17.5	21.4
20.4	22.2	22.6	**23.9**	21.8	22.3	21.6	22.1	22.8	22.9	23.1	22.9	20.8
22.1	23.1	23.1	22.6	22.7	22.8	23.1	21.9	21.8	22	22	21.4	22.1
21.3	21.7	22.4	22.9	**23**	22.4	22.3	21.7	21.7	22.3	21.5	21.1	21.3
23.2	21.9	23.9	**25.1**	25	24.2	24.5	24.5	24.5	22.9	23.1	21.6	22.2
24.5	23.5	23.6	23.7	**25.2**	23.3	22	21.1	22.3	22	22.4	21.9	21.9
22.8	**19.6**	23.2	**23.4**	22.4	22.8	22.9	22	22.2	23.3	22.7	22.4	21.9
22.3	21.6	22.2	20.7	20.5	20.6	20.9	**20.2**	**20.2**	20.5	20.6	20.5	21.4
22	23.1	**24.4**	24.1	23.5	22.6	20.8	**19.8**	20.3	20.1	20.1	19.9	21.1
23.4	22.1	22.7	22.7	23.5	**24**	23.4	23.1	22.3	22.8	22.9	23.5	22.2
21.9	22	22.5	22.6	22.1	22.1	22.3	22.3	22.2	21.9	**21.6**	21.8	22.4
23	23.5	**24.9**	24.4	23.5	22.5	22.3	22.5	22.9	22.9	22.8	22.9	**22.8**
23.1	**23.8**	23.3	22.2	21.5	20.6	20.9	21	21.2	20.3	19.6	**19.5**	21.8
21.1	19.9	20	19.9	18.5	18.4	**21.2**	20.4	20.4	20.3	19.9	19.9	19.7
23.5	21.9	21	20.9	21.7	21.6	20.5	19.6	19.6	18.5	18.7	**18.2**	20.4
22.2	22.8	22.9	**23.3**	22.1	21.7	20.7	21.1	20.6	20.1	19.9	20.3	20.3
22	22	22.1	21.8	**22.8**	21.2	21.8	22.2	22.6	22.2	21.5	20.5	21.3
21.3	21.4	21	21.3	21.5	22.4	**22.7**	22.5	22	21.2	20.7	20.5	20.8
21.8	21.1	21.6	21.6	21.1	21.6	22.2	22.9	22.7	22.2	**19**	19.8	21.3
21.7	21.5	**21.7**	19.3	21.2	**21.7**	19.2	19	18.6	**17.8**	18.2	18	20.3
19.2	**20.7**	20	19.2	20.4	18.1	17.3	**16.8**	17	17.2	18	18.1	18.5
19.2	19.2	18.7	18.2	18.4	17.5	15.5	**14.9**	15.6	15.7	16	16.1	17.8
19.7	19.6	19.8	**20.2**	19.9	18.9	18.9	17.2	16.9	16.5	16.8	16.8	**17.4**
18.2	18.7	19.5	20.1	**20.5**	**20.5**	18.1	18.1	18.4	18.3	18.8	18.7	18.4
19.6	19.1	19.6	20.1	**21.1**	19.8	19	18.5	19.3	19.4	19.3	19.3	19.4
19.1	19.9	20.7	20.8	20.7	19.7	19.3	18.4	**17.4**	17.7	17.5	17.5	19.5
20.7	20.7	**22**	21.3	21.8	21.7	20.8	19	19.8	19.8	19.7	19.2	19.7
21.3	21.5	20.7	**22**	21.9	21.2	20.8	20.5	21	21.2	21.2	21.2	20.4
21.7	21.6	**22**	21.9	21.9	21.5	21.1	20.7	20.8	20.6	20.4	20.2	20.8

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.		A.-Cu.		Ci.		Ci.				Ci.	
2	Ci.		Ci.				Ci.					
3	Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
4	Ci.-S.		Ci.-S.		Ci.							
5	A.-Cu.	E	A.-Cu.	EbyN	Ci.		A.-Cu.	ENE	Ci.		Ci.	
6	Ci.-S.				A.-Cu.	WbyN	Ci.-Cu.	WbyN	A.-Cu.			
7	Ci.		Ci.				Ci.					
8												
9	Ci.		Ci.	SE	Ci.		Ci.		Ci.-S.			
10					Ci.		Ci.-Cu.	E	Ci.-Cu.			
11	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
12	Ci.-S.								Ci.-S.		Ci.-S.	
13												
14												
15	Ci.-S.		Ci.-S.		A.-Cu.	ENE	Ci.-S.		Ci.-S.	ENE	Ci.-S.	
16			Ci.		Ci.		A.-Cu.	WSW	Ci.-S.		Ci.	
17	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
18	Ci.											
19	Ci.-S.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
20	Ci.		Ci.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
21	Ci.								Ci.			
22	Ci.-S.		Ci.-S.				Ci.		Ci.		Ci.	
23	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
24									Ci.		Ci.	
25	Ci.		Ci.-S.		Ci.	NNW	Ci.		Ci.-S.	NNW	Ci.	
26	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	E
27	Ci.		Ci.		Ci.						Ci.	
28	A.-Cu.		A.-Cu.				A.-Cu.		Ci.		Ci.	
29	Ci.								A.-Cu.			
30												
31	A.-Cu.				Ci.-S.							

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	S.-Cu.	NNE	S.-Cu.	NNE	Cu.	NEbyE	Cu.		Cu.		Cu.	
2	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
3	Cu.	E	Cu.	E	Cu.-N.	E	Cu.		Cu.-N.	E	Cu.-N.	
4	Cu.		N.-cf.		Cu.	E	Cu.-N.	E	Cu.-N.		N.	
5	S.-Cu.		Cu.		Cu.		Cu.		Cu.		Cu.-N.	
6	Cu.-N.		Cu.-N.		Cu.-N.		Cu.	E	N.-cf.	ENE	Cu.	
7	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	E
8	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	
9	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	NE
10	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
11	S.-Cu.	NNW	Cu.-N.		Cu.-N.	NNW	Cu.		Cu.		Cu.-N.	NNW
12	N.-cf.	NNW	S.-Cu.	N	S.-Cu.		S.-Cu.	N	N.-cf.	N	Fr.-N.	
13	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.	WSW	Cu.-N.		N.	
14	N.	SW	N.	SW	N.	SW	N.	SW	N.	SW	N.	
15	Cu.		Cu.		Cu.	SSW	Cu.	SWbyS	Cu.		Cu.	
16	Cu.		Cu.	NE	Cu.	NE	Cu.-N.	NE	Cu.	NE	Cu.	
17	Cu.		Cu.		Cu,		Cu.	E	Cu.	E	Cu.	
18	S.-Cu.		Cu.	E	Cu,	E	Cu.	E	Cu.	E	Cu.	E
19	Cu.		Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.	E
20	Cu.		Cu.	ESE	Cu.	ESE	Cu.	E	Cu.	E	Cu.	E
21	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
22	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
23	Cu.	ENE	Cu.		Cu.		Cu.	ENE	Cu.-N.	ENE	Cu.	E
24	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	NE
25	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
26	S.-Cu.		S.		S.				Cu.		Fr.-Cu.	
27	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
28	Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.	
29	Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.-N.	
30	Cu.		Cu.		Cu.	E	Cu.	E	Fr.-Cu.	E	Cu.	
31	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.										Ci.	
Ci.				Ci.-S.		Ci.-S.		Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		A.-Cu.	
Ci.-S.		A.-Cu.		Ci.		A.-Cu.		Ci.-S.		A.-Cu.	
		Ci.-S.		A.-Cu.	ENE	A.-Cu.					
				A.-Cu.	ENE	A.-Cu.				Ci.	
				Ci.		Ci.		Ci.		Ci.	
		Ci.		Ci.-S.		A.-Cu.		A.-Cu.		Ci.	
Ci.		Ci.		Ci.		Ci.		Ci.-S.			
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.	
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
								Ci.-S.			
						Ci.-S.		Ci.-S.		Ci.-S.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.			
Ci.		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.		Ci.					
								Ci.-Cu.			
						Ci.		Ci.		Ci.	
				Ci.-S.		A.-Cu.		A.-Cu.			
								Ci.		Ci.	
Ci.	S	Ci.	S	Ci.		Ci.		Ci.	SSE	Ci.-S.	
Ci.-S.		Ci.-S.		Ci.						Ci.	
A.-Cu.	NNE	A.-Cu.	NNE					Ci.			
Ci.				Ci.		Ci.		Ci.			
Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
								A.-Cu.			
								A.-Cu.			
		A.-Cu.									
				Ci.-S.		Ci.-S.		A.-Cu.			

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.		Cu.		Cu.		Cu.-N.	ENE	Cu.	
Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.		Cu.-N.	
Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
N.	E	Cu.		Cu.		Cu.	E	S.-Cu.	E	Cu.-N.	E
Cu.-N.		Cu.-N.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.-N.	E	Cu.		Cu.	E	Cu.	E	Cu.	E
Cu.		Cu.	NE	Cu.		Cu.-N.	NE	Cu.		Cu.-N.	E
Cu.	NNW	Cu.		Cu.-N.	NNW	Cu.	NNW	Cu.		Cu.-N.	
N.		N.		N.		N.		N.		N.	
Cu.-N.	NbyW	Cu.-N.	NbyW	Cu.-N.		Cu.-N.	NbyW	Cu.-N.	NbyW	N.	
N.	WSW	N.	WSW	Cu.-N.	WSW	Cu.-N.		Cu.-N.	WSW	Cu.-N.	
N.	SW	Cu.-N.	WSW	Cu.-N.	SW	Cu.		Cu.		Cu.	
Cu.	NW	Cu.	NW	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.	E	Cu.	E	Cu.-N.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.-N.	NE	Cu.	NE	Cu.	
Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.	E	Cu.	
Cu.	E	Cu.	E	Fr.-Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.	
Cu.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.	E	S.-Cu.	
Cu.-N.	E	Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
N.	E	Cu.-N.	E	Cu.		Cu.		Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ENE	1
2	NNE	0.5	Calm	--------	Calm	--------	NW	1	NbyE	0.5	NNE	1
3	Calm	--------	Calm	--------	NE	1	NE	1	NE	1.5	NNE	1
4	NNE	1	N	1.5	N	1	Calm	--------	Calm	--------	Calm	--------
5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	1	N	1.5
6	NNW	1	Calm	--------	NNW	1.5	NE	1	NE	1.5	NE	1.5
7	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	2	Calm	--------
8	NE	1	NE	1	NE	1.5	NE	1	Calm	--------	Calm	--------
9	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
10	N	1.5	NNE	1	N	1.5	N	2	N	2	Calm	--------
11	Calm	--------	N	1.5	N	1.5	N	1.5	NNW	1	Calm	--------
12	Calm	--------	Calm	--------	NE	1	Calm	--------	NE	1	Calm	--------
13	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	ESE	1.5
14	SbyW	7	SSW	7	SSW	8	SW	10	SSW	6	SSW	9
15	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
16	SWbyW	4.5	Calm	--------	Calm	--------	Calm	--------	Cslm	--------	Calm	--------
17	N	1	N	2	N	2.5	N	1	N	2	N	2
18	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
19	NE	1	Calm	--------	Calm	--------	Calm	--------	NNE	.5	Calm	--------
20	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
21	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NNE	1
22	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
23	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
24	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
25	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
26	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
27	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	NE	1
28	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
29	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
30	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
31	Calm	--------	Calm	--------	Calm	--------	Calm	--------	N	1	N	1
Mean	--------	0.6	--------	0.5	--------	0.6	--------	0.6	--------	0.6	--------	0.7

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	WSW	2	WSW	1	SW	2	WSW	1.5	WSW	1.5	Calm	--------
2	SW	2.5	SW	4	WSW	1.5	Calm	--------	NNW	1	Calm	--------
3	E	1	Calm	--------	Calm	--------	SbyW	1	Calm	--------	Calm	--------
4	Calm	--------	Calm	--------	Calm	--------	WNW	3	Calm	--------	SSW	2
5	N	4	Calm	--------	NE	2	Calm	--------	SE	2	SE	1
6	ENE	3.5	NW	2	Calm	--------	Calm	--------	Calm	--------	Calm	--------
7	WNW	3	NE	1.5	NE	2	Calm	--------	Calm	--------	SE	.5
8	WSW	1.5	Calm	--------	Calm	--------	Calm	--------	Calm	--------	Calm	--------
9	W	2	WSW	3	WSW	2	SW	1	Calm	--------	ENE	2
10	WbyN	4	WNW	3.5	ESE	3	Calm	--------	Calm	--------	SE	1
11	Calm	--------	Calm	--------	NE	1.5	NNE	2	Calm	--------	Calm	--------
12	WNW	1	NW	1.5	Calm	--------	WNW	1	NW	1.5	N	2
13	SW	10	SW	9	SSW	5	SSW	10.5	SSW	7	SSW	6.5
14	SW	5.5	SSW	7	SSW	8	S	4.5	S	2	SbyW	2
15	SW	1	SW	2.5	WSW	5	WSW	5	WSW	5	WSW	3
16	WSW	2	WSW	2.5	SW	3	SW	3.5	SW	4.5	SW	5
17	WSW	2.5	WSW	3	SW	1	Calm	--------	Calm	--------	Calm	--------
18	SE	2	ESE	1	NE	2	ENE	3	EbyS	1	Calm	--------
19	SE	1.5	E	2.5	N	2.5	N	1.5	Calm	--------	Calm	--------
20	Calm	--------	NW	1.5	NW	2	NNW	1	Calm	--------	Calm	--------
21	WSW	2	W	1	Calm	--------	E	1	Calm	--------	EbyS	1
22	WSW	3.5	WSW	3.5	SW	2	WSW	1.5	WSW	3	SW	2
23	WSW	1.5	WSW	1.5	WSW	1.5	NW	3.5	Calm	--------	Calm	--------
24	WSW	3	WSW	1.5	Calm	--------	Calm	--------	Calm	--------	ESE	.5
25	WSW	3	WSW	1.5	ESE	2	Calm	--------	Calm	--------	ESE	2
26	WSW	5.5	SSW	3.5	SSW	1.5	S	1.5	S	1	Calm	--------
27	W	4	W	2	WNW	3	W	2	Calm	--------	Calm	--------
28	WSW	4	WSW	1.5	Calm	--------	W	1	Calm	--------	Calm	--------
29	NbyE	1	WSW	1	WbyS	1	NNW	1	Calm	--------	EbyN	1.5
30	WSW	5	WSW	4.5	WSW	3.5	SW	2	Calm	--------	Calm	--------
31	NE	2	E	1.5	EbyN	1	ENE	1	E	1	E	1
Mean	--------	2.7	--------	2.2	--------	1.9	--------	1.7	--------	1	--------	1.1

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
ENE	1	Calm	-----	SW	2	SW	1.5	SW	2.5	WSW	3
Calm	-----	Calm	-----	SSE	1.5	S	2.5	SSW	1.5	SW	3
NNE	2	Calm	-----	Calm	-----	WSW	1.5	WNW	2.5	NE	2
Calm	-----	SSE	1	SSW	2	SE	1.5	WNW	1.5	WNW	2
NE	2	Calm	-----	Calm	-----	SSW	2	SSW	2.5	WSW	1.5
Calm	-----	E	.5	E	1.5	E	1	NW	1	WSW	3.5
Calm	-----	Calm	-----	WSW	.5	WSW	1	WSW	3	WSW	3
Calm	-----	Calm	-----	Calm	-----	WSW	3	SSW	1	WSW	3
Calm	-----	Calm	-----	NNW	2	WNW	3	W	3.5	W	3
NNE	.5	Calm	-----	Calm	-----	NW	1.5	NNW	1.5	WNW	1
Calm	-----	NNW	2	NNE	2	NNE	2	Calm	-----	Calm	-----
Calm	-----	Calm	-----	NNE	1	Calm	-----	NW	2.5	Calm	-----
SE	.5	Calm	-----	SW	8.5	SWbyW	10.5	SWbyW	10	SW	10.5
SSW	8	S	2	SW	8	SW	7	SW	5.5	SSW	6
Calm	-----	Calm	-----	SSE	.5	SW	1.5	SW	1	Calm	-----
Calm	-----	Calm	-----	NW	3.5	N	2	NW	4	WNW	2.5
N	2	N	2	NNW	3	NW	1	W	3.5	W	3
Calm	-----	Calm	-----	Calm	-----	SE	1	S	1.5	Calm	-----
Calm	-----	Calm	-----	ESE	1.5	E	2	SW	2	SW	2
Calm	-----	Calm	-----	Calm	-----	SSW	2	SW	2	SW	2.5
Calm	-----	NW	3	WSW	2	W	3	W	2	WSW	3
Calm	-----	NW	1	WNW	1	W	2.5	WSW	4.5	WSW	4
Calm	-----	Calm	-----	WNW	.5	W	1.5	WSW	1.5	WNW	1
Calm	-----	Calm	-----	WNW	3	WSW	2	WSW	3.5	SW	3.5
Calm	-----	Calm	-----	Calm	-----	Calm	-----	E	1.5	WSW	2
Calm	-----	NNW	2	NNW	1.5	NNE	2	NNW	3.5	SSW	2.5
N	1	NNE	2	NNE	2	WNW	4	W	3	W	3.5
NNW	1	NNW	1	Calm	-----	Calm	-----	WSW	3	SW	2
Calm	-----	Calm	-----	Calm	-----	WSW	2	WSW	3	W	3.5
Calm	-----	Calm	-----	W	1	WSW	3	WSW	3.5	SW	3
Calm	-----	Calm	-----	WSW	2	W	2	WSW	1.5	E	2
-----	0.6	-----	0.5	-----	1.6	-----	2.2	-----	2.7	-----	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S	0.5	SSE	0.5	ESE	1	Calm	-----	Calm	-----	N	0.5	0.9
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.9
Calm	-----	Calm	-----	E	1	E	1	E	1	ENE	.5	.8
Calm	-----	Calm	-----	Calm	-----	E	1	NE	1	Calm	-----	.8
SSE	1.5	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.9
Calm	-----	E	1	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.9
Calm	-----	SE	1.5	E	1.5	N	1	NE	1	NE	.5	.9
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.5
N	2	WNW	3.5	W	2	W	3	NNE	2.5	N	1.5	1.5
Calm	-----	SE	.5	ESE	.5	ENE	.5	ENE	.5	Calm	-----	1.1
NE	1	Calm	-----	Calm	-----	NE	1	NE	1	Calm	-----	.8
N	3.5	NNE	3.5	NE	3	NNE	2	NNE	1.5	NE	3	1.2
SW	8	SSW	5.5	SSW	5.5	SSW	4.5	SSW	4	SbyW	4	5
Calm	-----	SE	1	SE	1.5	SE	1.5	SSE	3	Calm	-----	5
WSW	4.5	SWbyW	6	SW	9	WSW	10.5	WSW	7	SWbyW	8.5	2.9
SW	3.5	WSW	6.5	W	4	N	3	N	3	N	2	2.5
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	1.3
SE	1.5	SE	2	SE	2	ESE	2	ESE	.5	E	.5	.8
Calm	-----	Calm	-----	ESE	.5	ESE	1	Calm	-----	ENE	.5	.8
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.5
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.8
SW	2	SSW	2	SSW	1.5	Calm	-----	NNE	2.5	Calm	-----	1.5
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.5
ESE	4	SE	1.5	SE	1	Calm	-----	Calm	-----	Calm	-----	1
Calm	-----	ESE	.5	ESE	.5	Calm	-----	Calm	-----	Calm	-----	.5
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	1
E	1	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	1.2
Calm	-----	E	1	ESE	1.5	Calm	-----	Calm	-----	Calm	-----	.7
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	.6
Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	1.1
Calm	-----	ESE	1	SE	1.5	Calm	-----	Calm	-----	N	2	.9
-----	1.1	-----	1.2	-----	1.2	-----	1	-----	0.9	-----	0.8	1.3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	0	0	0	0.5	2.5	2	2	1	7	9	9
2	4	2	0	5.5	7	1.5	1	1	3.5	6.5	13	13
3	2	1	3	4	4.5	6.5	8	6	6	7	9	6
4	4	5	4	1.5	4.5	2	1.5	2.5	7	9	12	17.5
5	2	2	3.5	3	3.5	2	2.5	3.5	3	7	7.5	6.5
6	4.5	3.5	4.5	6	6	6	5.5	3.5	4	4.5	6.5	7
7	3	4	2.5	3	5.5	3	.5	0	2.5	7	12	13
8	4	3	8	5	3.5	5	3.5	4.5	4	4.5	13	13
9	1	2.5	1.5	1	1	3.5	0	1.5	5	7	13	13
10	4	1.5	3.5	7.5	5	2	1.5	5	5	8	15.5	15.5
11	1	5	6.5	5.5	3.5	4	5.5	7	9	5.5	4	3.5
12	0	1	5	1	2	5.5	5.5	6	6	4	7	6.5
13	3	0	0	2	2	2.5	3	2.5	29	31	50	45
14	20	22	26	35	33	27	19	14	26	31	39	33
15	.5	3	2.5	2.5	2	.5	1.5	1.5	2.5	4.5	8	4
16	15	7	.5	1	2	2.5	2	4.5	5.5	10	11	10
17	6.5	8	9.5	5.5	6.5	6.5	4.5	10	15.5	9.5	13	12.5
18	.5	0	0	0	0	0	0	.5	1.5	2	6	7
19	4	2	2	1	2	3	1	1	2	4	4	4
20	3	1	0	0	0	0	0	1	1	2.5	8.5	8.5
21	.5	2.5	1	0	1	.5	1	4	3	7	10	9
22	1	0	.5	.5	0	.5	0	4	7	7	14	12.5
23	.5	.5	1.5	0	0	.5	0	0	.5	3.5	6.5	5.5
24	0	0	0	0	0	1.5	2	0	4	5.5	9	11
25	1.5	0	0	1	1	0	.5	1	2	1.5	1.5	5
26	.5	0	0	2	1	.5	1.5	5.5	8.5	8.5	8	9.5
27	0	2	2	2	0	2.5	2.5	7	5.5	5.5	9.5	13
28	.5	0	0	0	0	.5	1.5	1	1	2.5	7	6
29	0	0	0	0	1.5	0	0	.5	1.5	3	8	11
30	0	.5	1.5	0	.5	.5	2.5	.5	2.5	7	9.5	10.5
31	0	.5	0	1	2.5	3	1	0	.5	5	7	6.5
Mean	2.8	2.6	2.9	3.1	3.3	3.1	2.6	3.3	5.6	7.3	11.3	11.2

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	5	7	5	4	3	4	3	3	4	4	5	6	4.4	9	55
2	8	7	4	4	4	4	3	2	6	8	9	9	5.7	7	15
3	9	8	10	9	10	10	9	8	8	7	8	7	8.6	1	30
4	9	8	6	8	10	10	8	6	6	8	8	8	7.9	5	20
5	7	7	9	9	9	9	10	7	8	8	8	9	8.3	6	35
6	9	9	7	5	7	4	10	6	4	4	6	7	6.5	5	20
7	2	3	3	3	3	4	4	4	6	7	6	5	4.2	9	35
8	1	1	1	2	3	3	4	8	8	8	7	8	4.5	8	25
9	3	4	6	8	8	7	6	9	9	9	9	9	7.2	7	20
10	2	2	6	5	6	6	8	9	9	10	10	8	6.8	5	30
11	9	10	10	10	10	10	10	10	10	10	10	10	9.9	0	00
12	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
13	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
14	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
15	5	8	7	8	9	8	6	6	8	8	10	10	7.8	5	05
16	6	6	8	9	7	6	7	6	6	6	7	5	6.6	7	25
17	4	6	4	2	6	4	3	2	4	3	4	3	3.8	10	05
18	4	3	4	4	5	5	4	5	4	4	6	4	4.3	10	00
19	5	4	4	8	9	7	6	8	9	8	8	5	6.8	6	35
20	6	6	8	8	7	7	10	10	10	9	9	10	8.3	5	00
21	2	2	2	2	3	3	3	4	8	7	6	5	3.9	9	45
22	2	2	3	4	4	3	8	8	8	8	8	8	5.5	9	45
23	10	10	9	8	9	9	9	8	8	9	8	8	8.8	1	50
24	2	3	3	3	8	8	4	5	2	9	8	7	5.2	8	45
25	8	8	6	5	8	8	6	6	8	8	3	3	6.4	6	20
26	3	4	4	5	6	7	6	7	7	8	8	3	5.7	9	10
27	2	2	1	3	3	4	3	2	3	3	5	3	2.8	9	50
28	7	6	2	8	8	3	7	8	8	9	8	10	7	4	55
29	2	2	3	4	5	8	9	7	3	2	1	0	3.8	6	55
30	1	1	3	2	3	2	4	4	6	5	4	4	3.2	9	50
31	7	7	7	6	9	9	10	10	9	10	9	5	8.2	3	30
Total														191	30
Mean	5.5	5.7	5.6	6	6.8	6.5	6.8	6.7	7.1	7.4	7.4	6.7	6.5	6	11

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
13	9	9	13	10.5	1.5	4	4	2	4	0.5	6.5	4.6
10	10	12	8	6	4	4	3	1	2	2	1	5
7	3.5	1.5	4.5	6	2	.5	.5	2.5	3.5	2	2.5	4.1
3	1.5	2	7	5	4	6	0	1	5	4	1	4.6
12	6	9	7	8	6.5	4.5	6	.5	2.5	.5	4.5	4.7
9	6	8	7	2	1	1	4	3	3.5	2.5	1	4.6
12	8.5	4.5	4.5	5	2.5	3	8	4	3	2.5	1.5	4.8
10	10	5	.5	1	1.5	0	2	1	1	2	3	4.5
16	14	13	9	3.5	5.5	4	16	13	7	6.5	3.5	6.7
14	14	12	6	3.5	6	3	1.5	2.5	2	3	2.5	6
2	5	9	7	4	2	3	4	.5	2.5	3	1	4.3
4.5	5.5	.5	1	5	6	15	14	8	6	3.5	5.5	5.2
31	44	20	21	20	18	25	27	28	20	19	16	19.1
36	33	27	15	9	8	6	3	4	5	9	4	20.2
8	11	20	21	20	20	17	19	29	31	24	22	11.5
12	11	15	16.5	20.5	21	22	22	16	14	9	7	10.7
11.5	8	7.5	3	.5	0	4	2.5	1.5	2.5	.5	1.5	6.3
7	8	14	8	5	1.5	3.5	4	7	6	3	3	3.6
6	5	8.5	3	1.5	2.5	.5	1	1.5	4.5	3.5	3	2.9
6.5	6.5	9	4	1	.5	0	.5	.5	0	.5	.5	2.3
8	7	4	9	3.5	1	.5	0	.5	.5	2	.5	3.2
10.5	9.5	6.5	7	7	6	7.5	6.5	5	2	13	4	5.5
5	5	4	9	0	.5	1	1.5	1.5	1.5	0	0	2
10	9	4.5	4	2.5	4.5	7.5	7	5	4	1	1.5	3.9
8.5	6	5	6.5	6.5	4.5	2.5	2	3	2.5	1	2	2.7
14.5	13	9	6.5	2	.5	1	0	1	1	0	0	3.9
13.5	14	12	8	2.5	0	6	2	1	1.5	0	0	4.7
7	4.5	3.5	3.5	1.5	3.5	2.5	4	5	3	.5	0	2.4
4	1	2	2.5	1.5	5.5	0	.5	.5	.5	1	.5	1.9
11	11	9	4	1.5	0	.5	3	.5	0	1.5	1.5	3.3
18.5	8.5	8	5.5	1	4	3	4	5	3.5	.5	4	3.9
11	9.9	8.8	7.5	5.4	4.6	5.1	5.6	5	4.7	3.9	3.4	5.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	-----	-----	2	-----	1	-----	1	1	-----	4	5	-----	-----	-----	-----	9	111	3.3	0.3
2	-----	3	-----	-----	-----	-----	-----	1	1	1	3	1	-----	-----	1	1	12	121	3.9	-----
3	-----	2	4	1	4	-----	-----	-----	-----	1	-----	1	-----	1	-----	-----	10	99	2.1	-----
4	2	1	1	-----	1	-----	1	1	-----	2	-----	-----	-----	3	-----	-----	12	110	2.3	24.2
5	3	-----	2	-----	-----	-----	2	1	-----	2	-----	1	-----	-----	-----	-----	13	113	2.3	8.1
6	-----	-----	3	1	4	-----	-----	-----	-----	-----	-----	1	-----	-----	2	2	11	109.5	1.6	13.9
7	1	-----	5	-----	1	-----	2	-----	-----	-----	-----	4	-----	1	-----	-----	10	115	3.4	-----
8	-----	-----	4	-----	-----	-----	-----	-----	-----	1	-----	3	-----	-----	-----	-----	16	108	2.6	1.3
9	2	1	-----	1	-----	-----	-----	-----	-----	-----	1	2	5	2	-----	1	9	161	3.4	-----
10	4	2	-----	2	-----	2	2	-----	-----	-----	-----	-----	-----	3	1	1	7	144	3.2	-----
11	3	3	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	12	103	.2	2.6
12	2	4	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	3	-----	9	124	1.2	4.7
13	-----	-----	-----	-----	1	-----	1	-----	-----	9	5	2	-----	-----	-----	-----	6	459	.5	13.1
14	-----	-----	-----	-----	-----	-----	3	1	3	10	5	-----	-----	-----	-----	-----	2	484	.1	48.5
15	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	5	9	-----	-----	-----	-----	9	275	3.6	-----
16	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	5	4	1	1	2	-----	7	257	3.9	-----
17	8	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	2	2	-----	1	1	9	150.5	3.4	-----
18	-----	-----	1	1	1	4	5	-----	1	-----	-----	-----	-----	-----	-----	-----	11	87.5	3.6	-----
19	2	1	1	1	2	3	1	-----	-----	-----	2	-----	-----	-----	-----	-----	11	70.5	2.3	.3
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	2	-----	-----	-----	2	1	18	55	2.3	.5
21	-----	1	-----	-----	1	1	-----	-----	-----	-----	-----	3	3	-----	1	-----	14	76	3.3	-----
22	-----	1	-----	-----	-----	-----	-----	-----	-----	2	3	6	1	1	1	-----	9	131.5	3.5	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	1	2	-----	1	16	48	2.3	1.1
24	-----	-----	-----	-----	-----	2	2	-----	-----	-----	1	4	-----	1	-----	-----	14	93.5	4.3	-----
25	-----	-----	-----	-----	1	4	-----	-----	-----	-----	-----	3	-----	-----	-----	-----	16	65	4	-----
26	-----	1	-----	-----	-----	-----	-----	-----	2	3	-----	1	-----	-----	-----	3	14	94	3.9	-----
27	1	2	1	-----	1	-----	-----	-----	-----	-----	-----	-----	5	2	-----	-----	12	112	4.2	-----
28	-----	-----	-----	-----	1	1	-----	-----	-----	-----	1	3	1	-----	-----	2	15	58.5	3.4	-----
29	-----	1	-----	-----	1	-----	-----	-----	-----	-----	-----	3	2	-----	-----	1	16	45	3.3	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	5	1	-----	-----	-----	16	79	3.7	-----
31	3	-----	1	1	5	1	1	-----	-----	-----	-----	2	1	-----	-----	-----	9	92.5	2.3	1.1
Total	36	23	31	10	24	19	20	6	8	32	40	69	23	19	14	16	354	4,152	87.4	119.7
Mean	1.2	0.7	1	0.3	0.8	0.6	0.6	0.2	0.3	1	1.3	2.2	0.7	0.6	0.5	0.5	11.4	133.9	2.8	3.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	760.10	9.30a.	32.9	4.05p.	95	24.6	757.25	3.30p.	24	4.55a.	64	20.8
2	59.40	8.15a.	**33.5**	2.25p.	94	24.5	56.65	3.45p.	**24.7**	5.50a.	61.5	21
3	59.90	9.35a.	30.9	3.15p.	96	23.6	56.99	3.00p.	24.4	5.25a.	71	20.9
4	60.25	9.30a.	32.2	9.45a.	93	23.8	57.30	2.50p.	22.3	Midnight.	68	17.3
5	59.95	9.20a.	32.2	3.20p.	98	23.9	57	3.30p.	22	5.00a.	66	17.5
6	59.95	10.00p.	31.6	10.50a.	96	23.4	56.65	2.55p.	23.6	5.40a.	70.5	21
7	60.20	9.30a.	32.2	2.45p.	96	23	57.40	2.55p.	22.7	5.45a.	67	19.5
8	60.25	9.30a.	32.4	1.40p.	97	25.1	57.35	3.15p.	22.2	6.00a.	68	18.8
9	59	9.10a.	32.3	3.35p.	95	**25.2**	55.35	3.25p.	22.7	6.05a.	69	19.2
10	57.85	8.50a.	32.4	0.45p.	97	23.4	54.80	2.25p.	23.4	6.05a.	59	19.6
11	56.45	8.40a.	**27.7**	11.30a.	95	22.5	54.45	4.15p.	23.4	9.50p.	84	20.2
12	55.35	0.05a.	29.7	0.15p.	97	24.4	52.55	2.45p.	22.7	3.55a.	75	19.8
13	**53.40**	0.05a.	28.5	6.35p.	97	24	**50.40**	3.30p.	23	3.25a.	81	20
14	53.60	9.05a.	**27.7**	10.30a.	97	23.7	51	2.00a.	24.5	8.20a.	**90**	**21.6**
15	57.75	10.55p.	32.2	0.55p.	97	24.9	52.45	1.35a.	23.2	5.50a.	68	20.6
16	59.60	11.30p.	32	2.05p.	96	23.8	56.95	2.30a.	24	5.55a.	68	19.5
17	60.65	Midnight.	31	3.10p.	90	21.2	57.05	3.15p.	23	5.45a.	64	18.1
18	61.12	9.00a.	33.2	0.45p.	95	23.5	58.20	2.20p.	22.7	5.45a.	65	18.2
19	61.50	9.35a.	31.8	1.05p.	89	23.3	58.85	3.05p.	21.8	5.45a.	65	17
20	61.80	9.15a.	31.4	0.25p.	97	22.8	59.52	2.00p.	22.3	5.30a.	70	20.1
21	61.55	9.40a.	31.8	3.15p.	95	22.7	58.75	4.15p.	22	5.55a.	66	18.8
22	60.50	8.20a.	32	2.45p.	95	23	57.20	3.20p.	22.7	6.05a.	65	19
23	60.40	10.55p.	31.5	2.55p.	97	21.7	57.45	3.10p.	23.2	Midnight.	68	17.8
24	61.90	10.15p.	31.5	3.20p.	94	20.7	58.95	2.35p.	21.7	5.40a.	59	16.8
25	62.40	9.25a.	31	3.05p.	94	**19.6**	**59.55**	3.10p.	21.2	5.50a.	60	**14.9**
26	62	8.40a.	31.2	2.25p.	**88**	20.2	58.30	3.40p.	**19.5**	4.50a.	**57**	15
27	61.60	8.55a.	30.9	2.40p.	93	20.5	58.15	3.45p.	20.3	4.50a.	60	16.5
28	62.05	11.25p.	31.6	2.40p.	97	21.1	59.35	3.30p.	21.5	4.05a.	64	18.3
29	**62.70**	9.35a.	31.6	3.55p.	**99**	21	**59.55**	3.20p.	22	5.40a.	63	17.4
30	62.20	8.35a.	32.2	3.05p.	90	22	58.85	3.25p.	22	2.00a.	64	17.2
31	61.30	9.10a.	31	0.15p.	93	22	59.25	3.55p.	21.8	6.10a.	69	18.3
Mean	759.89	--------	31.4	--------	94.9	22.9	756.89	--------	22.6	--------	67.4	18.7

DAILY GENERAL REMARKS.

1----d in the early morning; ⊤ E in the afternoon; ⚡ N in the evening.

2----⛈ NE quadrant in the afternoon.

3----⛈° E quadrant in the forenoon; ⚡ NW quadrant in the evening.

4----d° early in the morning; ● in the forenoon and afternoon.

5----d°, ⊤ N and E in the afternoon; ● in the evening.

6----● early in the morning and afternoon; ⛈ N in the afternoon.

7----Coloration of upper clouds at sunset; ⚡ NNW in the evening.

8----⊤ N quadrant, ● in the afternoon.

9----⌒, ⊤ E in the afternoon; ⛈ N quadrant in the evening.

10----⊤° W quadrant in the evening.

11----d° in the forenoon; ●° in the afternoon.

12----d in the early morning and afternoon; ● at night.

13----●° in the morning, ● in the afternoon with gusty SWly winds.

14----Rainy and somewhat squally weather in the morning and afternoon.

15----≡° in the morning; gusty WSW winds at night.

16----Cloudy weather.

17----As yesterday.

18----Do.

19----d 2.30 p. m.

20----●° in the afternoon.

21----⊤ E in the afternoon.

22----Cloudy weather.

23----●° in the afternoon.

24----Cloudy weather.

25----As yesterday.

26----○° in the morning; convergence of Ci. toward E in the morning and afternoon.

27----Fair weather.

28----Cloudy weather.

29----d° 1.10 p. m.

30----Cloudy weather.

31----d° in the morning; d, ⛈ N quadrant in the afternoon.

OBSERVATIONS FOR NOVEMBER, 1913.

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60	60	59.70	59.55	60.15	60.89	61.27	61.52	61.52	61.37	60.98	60.24
2	61	60.50	60.05	59.90	60.05	60.34	60.54	60.90	61.34	61.05	60.86	60.33
3	60.80	60.55	60.25	60.20	60.60	60.99	61.10	61.40	61.54	61.24	60.81	60.34
4	60.85	60.50	60.30	60.20	60.20	60.75	60.85	61.07	61.77	**61.99**	61.65	60.98
5	60.50	60.20	60.05	60.15	60.35	60.70	61.27	61.62	61.99	**62.29**	62.07	61.44
6	60.80	60.55	60.40	60.50	60.65	60.94	61.10	61.34	61.52	**61.59**	61.33	60.76
7	60.80	60.50	60.60	60.35	60.50	61.05	61.53	61.98	**62.27**	61.97	61.22	60.56
8	60.65	60.45	60.45	60.50	60.45	60.80	61.20	61.47	62.14	62.14	61.69	61.12
9	61.35	60.80	60.50	60.30	60.55	60.94	61.54	61.89	**62.05**	61.69	60.92	60.15
10	61.25	60.75	60.70	60.40	60.60	60.94	61.30	61.65	**61.98**	61.83	61.12	60.31
11	60.80	60.35	59.95	60	60.20	60.60	61.06	61.40	61.73	61.67	61.15	60.39
12	61.35	61.20	60.80	60.75	60.80	61.09	61.29	61.71	**62.09**	61.99	61.75	61.10
13	61.50	61.15	60.90	60.95	60.95	61.34	61.89	62.43	**62.77**	62.57	62.20	61.59
14	61.10	60.95	60.85	60.80	61.25	61.73	62.29	62.41	**62.85**	62.55	62.14	61.32
15	61.15	60.85	60.80	60.90	61.25	61.87	62.40	**63.07**	63.01	62.89	62.40	62.05
16	62.45	62.20	62.05	62.25	62.25	62.31	62.81	63.14	**63.20**	63	62.63	61.85
17	61.40	61.10	60.90	61	61.20	61.55	61.85	62.36	**62.59**	62.23	61.80	61.19
18	61.80	61.75	61.60	61.65	62.05	62.39	62.98	63.39	**63.57**	63.54	62.98	62.27
19	62.20	61.95	61.65	61.65	61.95	62.20	62.45	63.03	63.37	63.13	62.72	62.17
20	62.60	62.05	61.90	61.95	62.35	62.70	63.05	63.89	63.93	**64.20**	63.40	62.99
21	62.30	62	61.80	61.90	62	62.25	62.40	**63.07**	**63.07**	62.72	62.15	61.59
22	61.70	61.05	60.55	60.70	60.65	61.27	61.41	61.70	61.73	61.83	60.90	60.84
23	62.20	61.90	61.30	61.40	61.85	62.19	62.44	63.28	**63.50**	63.44	62.90	62.10
24	62.65	62.45	62.15	62.15	62.40	62.79	63.14	63.76	**64.07**	63.69	63.39	62.67
25	63.60	63.20	62.85	62.75	62.75	63.06	63.25	63.51	**63.90**	63.59	63.07	62.13
26	61.35	60.85	60.50	60.50	60.55	61.19	61.54	61.76	61.76	**61.99**	61.44	60.45
27	59.40	58.80	58.30	58	58.30	58.30	58.72	59.16	59.39	59.53	59.05	58.24
28	58.90	58.75	58.45	58.55	58.80	59.33	59.75	60.30	**60.62**	60.45	60.34	59.70
29	59.95	59.70	59.45	59.50	59.55	60.09	60.57	60.83	**60.97**	60.75	60.52	59.88
30	60.15	59.80	59.60	59.70	59.85	60.24	60.72	61.09	**61.44**	61.19	60.88	60.39
Mean	61.22	60.90	60.64	60.64	60.84	61.23	61.59	62	**62.26**	62.14	61.68	61.04

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.9	**23**	23.3	23.6	23.5	23.1	23.7	24.5	25.7	27	27.7	28
2	23.4	23.3	23	22.7	22.5	**22.4**	24.1	26.2	28.2	29.5	28.5	29.8
3	23.6	23.1	22.6	22.4	**22.3**	**22.3**	23	25.2	27.4	28.3	29	28.9
4	23.7	23.5	23.5	23.5	23.5	**23**	23.9	26.7	**27.2**	26.8	25.7	25.4
5	24.1	24.1	24.1	24	24.1	24	24.8	27	27	**27.2**	**27.2**	26
6	23	22.8	22.7	**22.6**	**22.6**	22.7	24	26.3	26.1	27.6	28.5	**30**
7	23.2	22.9	22.9	22.8	22.7	**22.2**	23.5	25.6	27.6	29.5	30.7	30.5
8	23.6	23.4	23.4	23.4	23.5	**23.1**	24	26.8	27.6	27.4	28	**29**
9	23	**22.6**	23	**22.6**	22.8	23.3	25	27.9	28.8	29.5	31.4	32.3
10	24	23.4	23.5	23.3	23.1	23	23.8	26.5	28.2	28	**28.6**	28
11	22.7	22.7	22.2	22	22.1	22.2	23.4	26.5	28.5	29.5	30.1	28.9
12	21.3	21	20.5	20.6	20.4	**20.1**	21	24.9	27.9	28	29.4	29.8
13	23.5	22.8	22.2	22.1	21.9	**21.6**	22.6	24.8	27.5	28.3	28.1	**28.4**
14	21.2	21.3	20.9	20.4	21.2	21.1	22	25.2	24.9	26.6	27.5	29.1
15	19.8	19.4	19.1	18.9	19.1	**18.8**	20.2	23.4	26.7	27.4	27.3	**28.5**
16	23.1	22.9	22.9	22.6	22	**21.5**	22.5	25	26.7	26.7	28.2	28.1
17	22.5	22.6	22.7	21.9	21.9	**21.2**	22	25.3	27.1	27	27.7	28.2
18	**22**	22.2	22.4	22.3	22.3	22.1	22.5	24.5	26	27.6	28	28.9
19	22.2	22	22.1	22.1	22.1	**21.8**	23	25.7	27	29.4	28.9	**30**
20	24	23.5	23.4	23.4	23.7	23.5	23.7	24.3	24.2	24.5	26.4	27.4
21	**22.3**	22.4	23	23.2	23.3	23.2	23.4	26	27.7	29.2	27.8	30.2
22	23.6	24.4	24	23.8	24	**22.9**	23	24.7	25	26.6	27.3	**27.6**
23	23.8	23.6	22.9	22.2	**22.1**	22.3	23	26	27.9	28.2	27.5	28.5
24	25.1	23.5	23	22	22.4	22.1	23	24.5	26.8	28.2	27.7	29.1
25	20.6	19.9	20	19.9	19.9	**19.6**	20.7	24.1	26	27.8	28.3	27.7
26	21.3	21.4	21.7	21.1	**21**	21.1	21.8	25	26.5	27.4	28	29.6
27	24.6	23.8	22.8	23.1	23.4	23.3	23.4	24.4	24.7	23.7	24.2	24.8
28	22.1	22.5	22.4	22	**21.7**	21.9	23.5	26	28.2	29.4	27.5	29.3
29	22.4	22.5	22.5	21.8	21.7	**21.6**	22.5	25.5	27.1	28.8	28.5	29.9
30	23.9	23.8	23.8	23.5	23	**22.7**	23.1	26.2	26.6	26.8	27.9	27.6
Mean	22.9	22.7	22.6	22.3	22.3	**22.1**	23	25.5	26.9	27.7	28.1	28.6

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.63	59.54	59.39	**59.38**	59.63	59.73	60.23	60.95	61.40	**61.60**	61.40	61.30	60.47
59.85	59.03	**58.98**	**58.98**	59.28	59.59	60.25	61.05	**61.35**	61.15	61.15	60.90	60.35
59.62	59.23	**59.13**	59.38	59.64	60	60.52	60.95	61.35	**61.60**	61.40	61.25	60.58
60.09	59.58	**59.21**	59.56	59.81	60.01	60.29	60.95	61.05	61.10	61.05	60.75	60.61
60.75	59.91	**59.84**	60.05	60.06	60.49	60.67	61.50	61.60	61.45	61.60	61.30	60.91
59.90	59.49	**59.23**	59.33	59.55	59.90	60.51	60.90	61.10	61.05	61.05	61.05	60.61
59.76	59.27	**59.09**	59.34	59.91	60.18	60.88	61.05	61.40	61.40	61.40	60.90	60.75
60.74	60.19	**59.74**	60.08	60.51	60.62	61.10	61.85	**62.15**	**62.15**	62.10	62	61.10
59.52	58.86	**58.82**	59.20	59.42	59.83	60.55	61.05	61.20	61.45	61.50	61.30	60.64
59.69	59.34	**58.92**	59.02	59.19	59.54	60.19	60.70	60.95	61.40	61.45	61.10	60.60
59.67	59.29	**58.91**	59.06	59.52	59.89	60.63	61.10	61.40	**61.85**	**61.85**	61.65	60.59
60.37	59.75	**59.58**	59.69	59.92	60.24	60.82	61.40	61.80	61.95	62.05	61.80	61.05
60.82	60.39	60.19	**60.18**	60.22	60.30	60.59	60.85	61.05	61.25	61.40	61.30	61.20
60.64	59.98	**59.89**	60.02	60.25	60.62	60.82	61.30	61.65	61.70	61.45	61.40	61.25
61.49	61.07	**60.72**	60.93	61.32	61.52	62	62.55	62.85	62.85	62.85	62.90	61.90
60.92	60.56	**60.31**	60.37	60.56	60.82	61.15	61.60	61.85	61.95	61.85	61.55	61.82
60.39	59.80	**59.54**	59.67	60.22	60.36	60.86	61.35	61.70	61.90	61.95	61.95	61.20
61.23	60.73	**60.61**	60.77	61.19	61.61	62.11	62.45	62.60	62.65	62.50	62.50	62.12
61.41	**61.04**	61.47	61.36	61.56	62.03	62.22	62.55	63.35	**63.40**	63.05	62.55	62.27
62.27	61.69	61.59	**61.49**	61.95	62.17	62.42	62.70	62.75	62.80	62.70	62.50	62.58
60.82	**60.31**	60.36	60.51	60.78	61.07	61.57	61.80	62.15	62.10	61.90	62	61.78
60.62	60.06	60	**59.93**	60.35	60.79	61.10	61.85	62.30	62.40	**62.60**	62.40	61.20
61.48	61.18	**60.99**	61.29	61.82	62.12	62.50	63	63.10	63	63.05	62.65	62.28
61.97	61.63	**61.62**	61.77	62.10	62.32	62.69	63.10	63.55	63.65	63.60	63.60	**62.79**
61.27	61.02	**60.84**	60.88	61.13	61.38	61.84	61.95	62.05	62.30	62	61.75	62.34
59.47	58.88	**58.56**	58.69	59.10	59.38	59.64	60	60.40	60.20	60	59.80	60.33
57.25	**56.82**	57.02	57.20	57.49	57.79	58.25	58.90	59.25	**59.55**	59.30	59.20	**58.47**
59.04	58.17	**57.94**	58.01	58.30	58.77	59.29	59.95	60.25	60.15	60.10	60.05	59.33
59.08	58.62	**58.47**	58.57	58.63	58.82	59.52	60	60.20	60.40	60.55	60.30	59.79
59.69	59.39	59.22	**59.14**	59.50	59.90	60.75	60.85	60.95	60.90	60.80	60.50	60.28
60.32	59.83	**59.67**	59.80	60.10	60.39	60.87	61.34	61.62	61.71	61.66	61.47	61.04

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.8	28.5	27.9	27.5	26.6	25.5	25.3	24.9	24.3	23.9	23.2	23.5	25.3
28.2	**30.7**	29.4	29	28.2	26.9	26.1	25.3	25.1	24.1	23.8	23.3	26
29.9	29.3	27.7	26.4	26	25.4	24.8	24.4	24.3	24.4	24.4	24	25.4
25.9	26.3	25.8	25.7	25.2	24.5	24.4	24.4	23.9	23.7	23.7	23.7	24.7
27.1	**27.2**	26.3	24.3	24	23.9	23.9	24	24	23.7	23.5	**23.1**	24.9
28.5	29.5	28.5	29	27.5	26.1	25.8	25.2	24.8	24.1	23.7	23.7	25.6
31.1	29.6	30.1	29	27.6	26.3	25.6	25	24.2	24.1	24	23.7	26
27.2	27.5	27.8	27.2	26.5	25.8	25.5	24.8	24.5	24.1	23.4	23.3	25.4
31.7	**32.5**	32.2	30.3	28	26.3	25.4	24.6	25	24.8	24.4	24.1	**26.7**
26.4	26.5	27.8	27.2	26	24.4	24.1	24	23.3	22.9	22.8	**22.5**	25.1
30	29.8	**31**	30.1	27.3	25.2	24.1	23.3	23.2	22.8	22.2	**21.9**	25.5
30.2	30.3	**30.9**	30.1	27.7	26.9	26.7	25.9	25.5	25.1	24.5	24.1	25.5
27.2	27.4	26.7	26.9	26.3	24.5	23.5	22.4	22.7	22.2	21.9	22	24.5
29.7	**29.8**	29	28.5	26	23.5	22.6	21.8	21.2	20.6	20.2	**19.8**	23.9
26.8	27.8	27.6	26.7	25.8	25	24.6	24.2	24	23.7	23.6	23.4	23.8
28.6	27.7	27.9	28.5	26.7	25	24.4	23.7	23.5	23	22.8	23	24.9
28.7	29.2	**29.7**	29.2	27	25.5	25.2	24	23.4	22.4	22.4	21.9	24.9
28.1	**30.5**	30.2	29.9	27.2	25.4	25.3	24.1	23.4	22.9	22.8	22.2	25.1
29.4	**30**	29.4	28.6	27.2	25.5	24.9	24.4	25.2	24.7	24.4	24.2	25.6
27.2	**27.9**	27	26.3	25.5	24.9	24.2	24.2	23.4	23.2	23.4	**23.1**	24.7
30.5	**30.5**	29	28.6	27	25.8	25.2	24.4	23.8	23.6	23.9	23.8	25.7
26	26.5	26.5	26.7	25.9	24.6	24.4	24.1	24.3	24.1	23.8	23.8	24.9
29	28.3	27.8	27.7	27.2	25.2	24.3	24	24	24	23.9	25.3	25.4
29.3	28.3	27.7	26.9	25.8	24.7	23.8	22.9	22.3	21.8	21.3	**21**	24.7
29.4	28.4	27.9	26.7	25.8	24.6	23.4	22.3	21.5	20.8	20.8	20.3	**23.6**
29.3	29.8	**30.3**	28.4	27.3	25.5	24.6	24.6	23.9	23.8	24	23.9	25.1
25.9	25.7	25	25	24.5	24.2	23.5	23.2	23	22.5	22.1	**21.9**	23.9
27.6	29.9	**30.5**	28.7	27.5	25.9	25	24.7	24	23.4	23.2	22.7	25.4
30.4	30.3	**30.4**	29.2	27.7	25.7	25.3	24.8	24.2	24.5	24.6	24	25.7
29.1	**29.2**	28.4	28.4	27.7	25.8	24.8	24.3	24.2	23.6	23.3	23	25.4
28.6	**28.8**	28.5	27.9	26.6	25.3	24.7	24.1	23.8	23.4	23.2	23	25.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	**98**	97	96	96	97	96	92	86	82	79	79
2	**93**	**93**	91	92	91	91	87	79	72	70	67	**64**
3	92	92	95	**96**	**96**	95	**96**	87	78	74.5	**69**	73.5
4	95	94	95	95	93	96	94	85	**84**	89	93	93
5	**97**	**97**	95	94	93	92	93	83	84	85	84	87
6	94	**95**	**95**	**95**	**95**	**95**	91	83	87	81	83	**73**
7	**97**	**97**	**97**	95	94	96	94	85	76	68	**62**	68
8	90	92	90	93	91	92	**94**	79	80	81	**75**	80
9	86	89	85	85	88	84.5	87.5	79	73	71	62	**55**
10	93	**97**	94	**97**	96	**97**	96	83	76	78	**74**	79
11	89	88	88	89	89	89	**92**	79.5	70.5	66	65	68
12	91	92	91	**94**	93	92	**94**	76	70	65	64	61
13	89	89	91	92	91	**93**	**93**	83	76	68	70	**66**
14	87	86	87	90	89	**92**	88	70	69	64	58	49
15	88	88	87	89	88	89	84	73	61	**56**	57	58.5
16	94	94	94	94	95	95	**96.5**	82	78	74	**65**	73
17	91	93	92	93	93	**95**	93	77	68	66	67	65
18	84	85	**91**	87	88	88	89	80	76	70	68	64
19	86	87	89	89	90	90	91	82	75	**64**	67	69
20	91	93	94	94	94	95	95	93	91	91	82	80
21	90	**95**	91	90	90	90	91	76	67	62	66	58
22	89	78	81	81	81	87	88	78	77	74	**70**	75
23	91	91	92	**95**	93	**95**	91	76	71	71	68	66
24	76	81	82	86	84	**87**	85	79	67	61	62	**53**
25	84	85	84	79	78	82	82	74	65	57	57	60
26	88	89	80	89	90	90	**91**	78	68	65	63	58
27	**74**	75	80	80	78	82	82	74.5	75	85	86	87
28	96	96.5	**97**	**97**	96	96	93	83	75	68	77	72
29	88	89	90	93	**94**	**94**	**94**	83	77	71	67	**62**
30	96	94	96	93	95	95	**97**	80	79	78	77	76
Mean	89.7	90.4	90.4	91.1	90.7	**91.7**	91.3	80.4	75	71.8	70.1	69.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.5	20.5	20.7	20.7	20.6	20.5	20.8	21.1	21.1	21.7	21.9	22.3
2	19.9	19.8	19	18.9	18.4	**18.3**	19.5	20.1	20.5	21.3	19.4	19.9
3	19.9	19.4	19.3	19.4	19.3	**18.9**	19.9	20.7	21.3	21.3	20.7	21.7
4	20.6	20.2	20.4	20.4	20	**19.9**	20.7	22.1	22.6	**23.3**	22.7	22.5
5	21.7	21.5	21.1	20.8	20.8	20.4	21.7	21.9	22.3	**22.8**	22.6	21.7
6	19.6	19.5	19.4	**19.3**	**19.3**	19.4	20.3	21.2	21.8	22.1	23.9	22.9
7	20.4	20	20.2	19.5	19.2	**19**	20.2	20.8	20.9	20.8	20.2	22.2
8	19.4	19.7	19.3	19.9	19.6	19.4	20.8	20.6	21.9	21.8	21.1	23.7
9	18	18	17.8	**17.3**	18.1	18	20.6	**21.9**	21.4	21.7	21.2	19.8
10	20.7	20.8	20.2	20.5	20.1	20.2	20.9	21.4	21.6	21.9	21.5	**22.3**
11	18.2	18	17.6	17.5	17.6	17.8	19.7	20.4	20.4	20.1	**20.8**	20.1
12	17.1	16.9	16.4	17	16.6	**16.2**	17.3	17.9	19.6	18.2	19.6	19
13	19.1	18.5	18.1	18.2	17.8	17.8	18.9	19.2	**20.8**	19.5	19.7	19.1
14	16.3	16.3	16	16	16.7	17.1	**17.4**	16.8	16.1	16.5	15.7	14.7
15	15.1	14.8	**14.4**	14.5	14.5	**14.4**	14.8	15.7	15.9	15.3	15.3	16.9
16	19.7	19.5	19.5	19.1	18.6	18	19.5	19.3	20.3	19.4	18.4	**20.6**
17	18.4	18.9	18.9	18.1	18.1	17.9	18.2	18.5	18	17.5	18.5	18.4
18	16.5	16.9	18.3	17.4	17.5	17.5	17.9	18.3	19	**19.2**	18.9	18.9
19	17.1	**17**	17.6	17.6	17.8	17.5	19	20.1	19.7	19.6	19.9	**21.7**
20	20.1	20	20.1	20.1	20.5	20.4	20.6	21	20.3	20.7	21.1	21.7
21	18.1	19.1	19	19.1	19.2	18.9	19.5	19	18.4	18.6	18.3	18.5
22	19.2	**17.6**	17.9	**17.6**	17.9	18	18.3	18	18.2	19.1	18.8	20.5
23	19.8	19.8	19.1	18.8	18.3	18.9	19	19	19.9	20.2	18.7	19
24	18.1	17.5	17.1	16.9	17	17.1	17.8	18.1	17.6	17.3	17	16
25	15.2	14.7	14.6	13.7	**13.6**	13.9	15	**16.6**	16.1	15.7	16.3	16.5
26	16.6	16.9	15.4	16.6	16.6	16.8	17.7	**18.3**	17.4	17.6	17.8	17.7
27	17	**16.4**	16.5	16.9	16.7	17.4	17.5	16.9	17.3	18.6	19.2	20.2
28	18.9	19.5	19.6	19.1	18.4	18.8	20	20.7	21.3	20.8	21	21.9
29	**17.6**	18.1	18.3	18	18.1	17.9	19	20.1	20.4	21	19.4	19.3
30	21.1	20.6	20.9	20	19.8	19.4	20.3	20.2	20.4	20.5	21.4	20.9
Mean	18.7	18.5	18.4	18.3	**18.2**	**18.2**	19.1	19.5	19.8	19.8	19.7	20

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
74	77	77	78	89	91	88	89	92	91	91	91	88.3
79.5	67	70	72	83	84	89	88	83	89	91	91	82.4
69	74	81	90	94	**96**	**96**	95	93	95	94	94	88.1
93	86	90	91	94	**98**	97	94	96	97	95	97	**93.1**
82	**81**	88	88	91	86	87	90	91	92	93	96	89.5
83	84	85	83	91	**95**	89	**95**	91	94	94	94	89.4
66	71	69	78	78	83	83	84	88	87	87	89	83
86	90	84	90	92	79	80	83	84	84	87	86	85.9
57	58	57	64	74	85	85	87	83	86	89	**91**	77.5
86	86	76	80	84	89	90	88	88	86	89	90	87.2
64	67	**52**	57	64	76	80	84.5	85	84	88	89	77.6
57	58	59	65	75	78	69	75	79	80	82	86	76.9
72	71	74	77	73	76	74	80	78	81	84	86	80.3
50	50	**40.5**	49	60	68.5	73.5	77	81	83	87	88	**72.4**
60	62.5	66.5	74	75	77	80	84	89	88	89	**91**	77.3
70	72	74	69	77	83	86	85	82	89	93	91	83.6
61	**58.5**	62	62	70	70	74	78	79	81	81	84	77.2
66	**53**	55	60	71	70.5	66	74	77	81	83	84	75.4
67	**64**	68	71	73	83	83	87	85	91	91	**92**	80.6
81	**76**	83	86	92	92	94	**96**	**96**	90	**96**	91	90.2
56.5	**55**	60	63	70	80	82	83	85.5	86	86	87	77.5
84	81	80	86	92	92	91	94	93	93	**96**	94	84.8
68	72	74	72	**62**	73.5	76	77.5	78	77.5	80	75	78.6
54	59	63	64	72	79	82	85	85	83	84	84	74.9
52	57	57	62	63	68	73	80	82	84	85	**88**	**72.4**
60	58	**56**	62	59	65	67	66	72	76	76	78	72.7
80	78	83	85	90	88	90	92	90	94	94	**95**	84.1
76	**67**	69	**67**	76	85	85	83	86	86	85	85	83.2
63	63	64.5	72	79	90	88	90	91	91.5	92	**94**	82.5
71	**69**	74	70	78	78	83	82	82	85	85	87	83.3
69.6	**68.8**	69.7	72.9	78	82	82.7	84.9	85.5	86.8	88.2	88.9	81.7

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.8	22.2	21.5	21.2	**23**	22	21	20.9	20.9	20	**19.3**	19.6	21.1
22.5	22.1	21.2	21.5	**23.6**	22.1	22.2	21.2	19.6	19.8	19.8	19.4	20.4
21.7	22.3	22.3	23.1	**23.3**	23.1	22.3	21.6	21	21.6	21.3	20.8	21.1
23	21.9	22.3	22.3	22.4	22.4	21.9	21.3	21.1	21	20.6	21	21.5
21.8	21.8	22.3	19.9	20.3	**19**	19.2	19.9	20.3	20.1	20	20.1	21
23.9	**25.6**	24.7	24.6	24.9	23.9	22	22.6	21.1	21	20.5	20.5	**21.8**
22.3	21.9	21.8	**23.3**	21.3	21.2	20.2	19.8	19.8	19.5	19.3	19.3	20.5
23	**24.5**	23.5	24.2	23.6	19.5	19.4	19.4	19.2	18.7	18.6	**18.3**	20.8
19.8	21	20.3	20.4	20.9	21.6	20.6	20.1	19.7	19.9	20.2	20.4	19.9
22	22	21	21.4	21	20.2	20	19.5	18.7	**17.8**	18.3	18.3	20.5
20.2	20.7	**17.3**	18	**17.3**	18.1	17.8	18	18	17.4	17.4	17.4	18.6
18.1	18.5	19.7	**20.8**	20.7	20.6	18	18.7	19.1	19	18.6	19.1	18.4
19.2	19.3	19.4	20.4	18.5	17.4	**15.9**	16.1	**15.9**	16.2	16.4	16.9	18.3
15.4	15.6	**12**	14	14.9	14.7	15	15	15.2	15	15.3	15.1	**15.5**
15.8	17.3	18.2	19.4	18.6	18.2	18.4	18.8	**19.7**	19.1	19.2	19.5	16.8
20.3	19.9	**20.6**	20	20.1	19.4	19.4	18.6	**17.7**	18.5	19.2	19	19.4
17.7	17.6	**19.2**	18.8	18.6	17	17.7	17.4	16.8	**16.3**	**16.3**	16.4	17.9
18.7	17.2	17.6	18.9	19.1	17	**15.9**	16.6	16.5	16.8	17	16.7	17.7
20.4	20.2	20.8	20.7	19.4	20.1	19.5	19.8	20.3	21	20.8	20.7	19.5
21.6	21.1	22.1	21.9	**22.2**	21.6	21.1	21.5	20.4	**19.1**	20.4	**19.1**	20.8
18.3	**17.8**	17.9	18.4	18.6	**19.7**	19.5	18.9	18.7	18.7	19	19.1	18.8
21	20.8	20.6	22.5	**22.8**	21.1	20.8	21	21	20.8	20.9	20.6	19.8
20.3	**20.7**	20.6	19.9	**16.6**	17.5	17.2	17.2	17.4	17.2	17.6	18	18.8
16.3	16.9	17.4	16.8	17.7	**18.4**	18	17.7	17	16.1	15.9	**15.6**	17.1
15.8	16.4	15.8	16.1	15.5	15.6	15.7	16	15.6	15.4	15.6	15.6	**15.5**
18.1	18	18.1	17.9	16	15.7	15.4	**15.3**	15.8	16.6	16.8	17.2	16.9
19.9	19.2	19.4	20	**20.5**	19.8	19.5	19.5	18.8	19	18.5	18.5	18.5
20.8	21.1	**22.4**	19.7	20.6	21	20	19.1	19	18.4	18	**17.5**	19.9
20.4	20.3	20.8	21.8	21.9	**22.1**	21.2	20.9	20.5	20.9	21.2	20.8	20
21.2	20.7	21.2	20	**21.5**	19.3	19.2	18.4	18.3	18.3	**18.1**	**18.1**	20
20	20.2	20.1	**20.3**	20.2	19.6	19.1	19	18.8	18.6	18.7	18.6	19.2

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Ci.-S.				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
2	A.-Cu.		A.-Cu.	S	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
3	Ci.	NW			Ci.-S.						Ci.-S.	
4	A.-Cu.		Ci.-S.									
5			Ci.-S.						Ci.-S.			
6	Ci.-S.		Ci.		A.-Cu.		Ci.-S.				Ci.-S.	
7	Ci.		Ci.		Ci.		Ci.		Ci.			
8	A.-Cu.	E					Ci.-S.					
9	Ci.-S.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
10	Ci.		Ci.		A.-Cu.		A.-Cu.		Ci.			
11	Ci.		Ci.		A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	
12	Ci.		Ci.								Ci.	
13	A.-Cu.		A.-Cu.		A.-Cu.		Ci.		Ci.		Ci.	
14	Ci.		Ci.		Ci.-S.		Ci.		Ci.		Ci.	
15	Ci.-S.	E	Ci.		Ci.		Ci.		Ci.			
16	Ci.		Ci.		Ci.		Ci.		Ci.		Ci.	
17			Ci.		Ci.							
18	A.-Cu.	E	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.			
19	A.-Cu.				A.-Cu.							
20									Ci.-S.		Ci.-S.	
21											A.-Cu.	
22	Ci.-S.		Ci.-S.		Ci.-S.				Ci.-S.		Ci.-S.	
23	Ci.-Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
24	A.-Cu.				A.-Cu.		A.-Cu.		Ci.-S.			
25												
26					A.-Cu.							
27												
28	A.-Cu.		A.-Cu.									
29	Ci.											
30	A.-Cu.	E	A.-Cu.									

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	N.		Fr.-N.		Fr.-N.	ESE	Fr.-Cu.	ESE	S.-Cu.		S.-Cu.	
2	S.-Cu.		S.-Cu.		Cu.		Cu.		Cu.	EbyS	Cu.	ESE
3	Cu.	E	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	
4	S.-Cu.		S.-Cu.	E	N.-cf.	E	Cu.-N.		Cu.-N.	ESE	Cu.-N.	
5	S.-Cu.	ESE	S.-Cu.	E	Cu.-N.		Cu.-N.	E	S.-Cu.		Cu.-N.	
6	Cu.		Cu.		Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.	
7	Cu.		Cu.	ESE	Cu.	ESE	Cu.	E	Cu.	E	Cu.	
8	Cu.		Cu.	E	Cu.-N.		Cu.	E	Cu.-N.	E	Cu.	
9	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	EbyN	Cu.	
10	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.-N.		Cu.-N.	
11	Cu.	ENE	Cu.		Cu.		Cu.	ENE	Cu.	E	Cu.	E
12					Cu.		Cu.		Cu.		Cu.	
13	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
14	Cu.	NE	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	
15	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
16	S.-Cu.		Cu.		S.-Cu.	ENE	S.-Cu.	NE	N.-cf.	NE	Cu.	
17	Cu.		Cu.		Cu.		Cu.	NE	Cu.	NE	Cu.	NE
18	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.-N.	
19	Cu.		Cu.	E	Cu.-N.	E	Cu.	ENE	Cu.-N.	ENE	Cu.	ENE
20	Cu.-N.		N.	ENE	Cu.-N.	E	Fr.-N.	E	Cu.-N.		Cu.	
21	Cu.	ENE	Cu.		Cu.	E	Cu.		Cu.	E	Cu.	
22	Cu.	E	Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E
23	S.-Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		N.-cf.	ENE
24	Cu.	ENE	N.-cf.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
25	S.-Cu.		S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	E
26	N.		Cu.		Cu.	E	N.-cf.		Cu.	E	Cu.	E
27	S.-Cu.	E	S.-Cu.	E	Fr.-N.	ENE	N.	ENE	Fr.-N.	ENE	Cu.-N.	
28	S.-Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
29			Cu.		Cu.		Cu.		Cu.	E	Fr.-Cu.	
30	S.-Cu.		S.-Cu.		Cu.	ENE	Cu.	ENE	N.-cf.	NEbyE	N.-cf.	NEbyE

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		A.-Cu.			
Ci.-S.		A.-Cu.		Ci.-S.		A.-Cu.		Ci.			
		Ci.				Ci.		Ci.			
		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
				Ci.		Ci.		Ci.			
				Ci.		Ci.-S.		Ci.		Ci.	
				Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.	
		Ci.		Ci.				Ci.			
								Ci.			
						Ci.					
Ci.		Ci.		Ci.							
				Ci.-S.		Ci.-S.		Ci.			
Ci.		Ci.		Ci.		Ci.				Ci.	
								Ci.-S.		Ci.-S.	
Ci.								Ci.		Ci.	
								Ci.			
A.-Cu.											
								A.-Cu.		A.-Cu.	
		Ci.-S.						Ci.-S.			
				Ci.	NE	Ci.				Ci.	
						Ci.		Ci.			
A.-Cu.				Ci.-S.				A.-Cu.			
										A.-Cu.	
				A.-Cu.				A.-Cu.			
				A.-Cu.							
Ci.-S.						Ci.-S.		Ci.-S.			
						A.-Cu.					
						A.-Cu.					

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
S.-Cu.	ESE	Cu.-N.	ESE	S.-Cu.	ESE	Cu.		S.-Cu.		S.-Cu.	
Cu.-N.	ESE	Cu.	ESE	Cu.		Cu.		Cu.	E	Cu.	
Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.-N.		Cu.		Cu.	
Cu.-N.		Cu.-N.	ESE	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	N.		N.	E	N.		N.	
Cu.-N.	E	Cu.-N.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.-N.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.	NE	Cu.-N.	NE	Cu.-N.	NE	Cu.-N.	NE	Cu.		Cu.	
Cu.		Cu.	NE	Cu.	NE	Cu.	NE	Cu.		Cu.	
Cu.		Cu.	NE	Cu.		Fr.-Cu.		Fr.-Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.-N.	E	Cu.	E	Cu.-N.	E	Cu.-N.	E	Cu.		S.-Cu.	
Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.		Cu.-N.	ENE	Cu.	ENE	Cu.		Cu.	ENE	Cu.	
Cu.	E	N.-cf.	E	N.-cf.	E	N.-cf.	E	Cu.		S.-Cu.	
Cu.	E	Cu.	E	Cu.-N.	E	Cu.	E	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.	E	Cu.	E	Cu.-N.		Cu.-N.		Cu.	
Cu.-N.	ENE	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.	
Fr.-Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.		Cu.	
N.-cf.	ENE	N.-cf.	ENE	Cu.	E	Cu.		Cu.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	NNW	3	Calm		Calm		Calm		NE	0.5	Calm	
2	Calm		Calm		Calm		Calm		Calm		ENE	1.5
3	Calm		Calm		Calm		Calm		Calm		Calm	
4	NNE	1	NNE	0.5	NNE	1.5	N	1.5	NNE	2.5	Calm	
5	Calm		Calm		Calm		Calm		Calm		Calm	
6	Calm		Calm		Calm		Calm		Calm		Calm	
7	Calm		Calm		Calm		N	1	NE	1.5	Calm	
8	Calm		Calm		Calm		Calm		Calm		Calm	
9	Calm		Calm		Calm		Calm		Calm		NNE	1
10	NE	1.5	N	1.5	N	2.5	N	1.5	N	2	Calm	
11	NE	1	NNE	1	NNE	1	NNE	1.5	NE	2	NE	1.5
12	Calm		Calm		Calm		Calm		Calm		Calm	
13	Calm		Calm		Calm		Calm		Calm		Calm	
14	ENE	1	Calm		Calm		Calm		NE	.5	NE	1
15	Calm		Calm		Calm		Calm		Calm		Calm	
16	Calm		Calm		Calm		Calm		Calm		Calm	
17	Calm		Calm		Calm		Calm		Calm		Calm	
18	Calm		Calm		Calm		Calm		Calm		Calm	
19	Calm		Calm		Calm		Calm		Calm		Calm	
20	NE	1	SW	1	Calm		Calm		Calm		Calm	
21	Calm		Calm		Calm		Calm		Calm		Calm	
22	Calm		NNE	3	NNE	1.5	N	1.5	N	3	Calm	
23	N	1	NE	1	N	1	NE	1	Calm		NNE	2
24	Calm		Calm		Calm		Calm		Calm		NE	1
25	Calm		Calm		N	1	NE	1	N	1.5	Calm	
26	NNE	1	NNE	.5	NE	1	NE	.5	Calm		Calm	
27	NNE	2	NNE	2	NNE	2.5	NNE	3	NNE	4.5	NEbyN	2
28	Calm		Calm		Calm		NE	.5	NE	.5	NE	1
29	Calm		Calm		Calm		Calm		Calm		Calm	
30	Calm		Calm		NE	.5	NE	1	Calm		Calm	
Mean		0.4		0.4		0.4		0.5		0.6		0.4

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N	1	Calm		NNW	2	NNW	3	Calm		Calm	
2	W	3	WNW	4.5	N	2	NNW	2	Calm		Calm	
3	WSW	1.5	E	1	WbyN	2	Calm		NW	1	Calm	
4	Calm		NE	1	WNW	1.5	Calm		NNW	1	Calm	
5	Calm		Calm		NNW	1	NNE	1.5	N	1.5	N	2
6	NW	3	WNW	1	Calm		W	1	Calm		Calm	
7	NE	.5	E	1	E	2	Calm		E	1	E	1
8	NNW	1.5	Calm		Calm		Calm		Calm		Calm	
9	EbyN	3.5	NE	2	NE	4.5	NNE	2	NE	2	N	1.5
10	SE	1	NW	2.5	NNE	3.5	NE	1.5	Calm		Calm	
11	WSW	2	WSW	1	E	7	E	.5	ENE	2	Calm	
12	WNW	3	WNW	2.5	WSW	1	Calm		ESE	2.5	Calm	
13	Calm		Calm		NNE	1	Calm		E	1.5	ENE	1.5
14	NE	3.5	NE	2	NE	5	NE	2.5	NE	2	NE	2
15	W	2	WNW	1.5	Calm		Calm		NE	2.5	ENE	1.5
16	WNW	3.5	W	2.5	W	1	WSW	2	SSE	1.5	SSE	1
17	WNW	2	SW	1	WbyS	2.5	W	1	SE	1.5	SE	3
18	NW	1	Calm		W	1	Calm		Calm		Calm	
19	NW	2	NE	4.5	ENE	3	Calm		NE	1.5	Calm	
20	NW	6	N	3.5	Calm		Calm		Calm		Calm	
21	ENE	6.5	NE	5.5	NE	4	NE	4	NNE	2	Calm	
22	SSE	3	SSE	1	SE	2	Calm		Calm		Calm	
23	W	2	WNW	2	Calm		Calm		NE	3	NNE	2
24	NE	9	NE	4.5	ENE	2.5	NE	2	NE	2	Calm	
25	NE	5	NNE	5	NNE	4	N	4.5	NNE	3	NNE	3
26	WNW	1.5	WNW	4	WSW	1	Calm		NE	2	NE	3
27	NNE	4.5	NNE	2	NNE	3	N	1	NE	1	NNE	.5
28	NW	2.5	WNW	3	WNW	2.5	SSE	1	SSE	1	ESE	1
29	WNW	2	W	3	W	3	W	1.5	Calm		Calm	
30	WNW	1	N	2.5	NNE	.5	Calm		Calm		SE	1
Mean		2.6		2.1		2.1		1		1.2		0.8

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm		NNE	1	NNE	2.5	Calm		Calm		Calm	
NNW	1.5	NNE	2.5	Calm		NW	1.5	WNW	3	WNW	2.5
Calm		Calm		WNW	.5	WSW	3	W	2.5	WNW	3.5
Calm		Calm		Calm		Calm		ENE	1.5	Calm	
Calm		WSW	1.5	WSW	1	NNW	.5	Calm		Calm	
Calm		Calm		NE	1.5	Calm		NW	3	Calm	
Calm		Calm		WSW	1	WNW	1	NNE	2.5	NNW	.5
Calm		Calm		Calm		NNW	4.5	Calm		Calm	
NNE	1	Calm		N	3.5	NE	3	NE	2.5	NNE	3.5
Calm		Calm		Calm		Calm		WSW	2	SW	1
NNE	2.5	NNE	2.5	NE	1	Calm		WSW	2.5	WSW	2
NE	1	N	1	Calm		W	2.5	W	2.5	W	2
Calm		Calm		NE	1	S	2	WSW	2	W	3
Calm		NNW	2	N	2.5	NE	2	NNE	2.5	NNE	3
Calm		NNE	2	NNE	1.5	N	4.5	NW	3.5	WNW	3
Calm		Calm		ENE	1.5	W	3	SW	2	SE	1
Calm		NNW	2	Calm		WNW	2	W	3	WNW	4.5
ESE	1.5	Calm		Calm		Calm		W	2	W	4
Calm		Calm		NE	2.5	N	5	NE	4	ENE	2
Calm		Calm		Calm		NNE	2	Calm		NE	1
Calm		N	3	NE	3	N	8.5	NNE	5.5	NE	6.5
NNE	2	NNE	4.5	NE	2	NE	2	NNE	4.5	ENE	1
NNE	2	Calm		Calm		WSW	2	WSW	3	W	1
Calm		Calm		N	4	NNE	4.5	N	6	N	6
Calm		N	5	NNE	2.5	NE	4	NNE	2	NE	3.5
NNE	2.5	NE	2.5	NE	2	NE	1.5	NE	2.5	NNE	1.5
NNE	3	NNE	6	NNE	5.5	N	5	NbyE	5	N	3.5
Calm		Calm		Calm		ENE	2	WNW	3	NW	2.5
Calm		Calm		NNW	1.5	NW	.5	WNW	2.5	WNW	4
Calm		SE	2.5	SbyW	3	SSW	2	WSW	2	W	1
	0.6		1.3		1.4		2.3		2.6		2.2

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm		Calm		Calm		Calm		Calm		NE	1	0.6
Calm		Calm		Calm		Calm		Calm		Calm		1
Calm		Calm		Calm		Calm		NE	2	N	1	.8
Calm		Calm		Calm		Calm		Calm		Calm		.5
NNW	2	N	2	N	1.5	N	1	Calm		Calm		.6
Calm		Calm		Calm		Calm		Calm		Calm		.4
Calm		Calm		Calm		Calm		N	1	N	1	.6
NE	1.5	N	1.5	N	1	NE	2	Calm		Calm		.5
NE	1	Calm		N	1	NE	2.5	NE	2	Calm		1.5
Calm		Calm		Calm		Calm		Calm		ENE	.5	.9
Calm		Calm		E	1.5	NE	1.5	ENE	1	Calm		1.5
ENE	4	E	2.5	ESE	3	E	1.5	NNE	.5	Calm		1.2
E	.5	E	.5	E	1.5	E	1.5	E	1	NE	1.5	.8
Calm		NE	.5	Calm		Calm		Calm		Calm		1.3
Calm		Calm		Calm		Calm		Calm		Calm		.9
Calm		Calm		SE	1	Calm		Calm		Calm		.8
ESE	2.5	ESE	1.5	ESE	1.5	Calm		Calm		Calm		1.2
Calm		ENE	1	ESE	1	SE	1	ESE	1.5	ENE	1.5	.6
Calm		SSW	.5	SW	1.5	SW	1	Calm		Calm		1.1
Calm		Calm		Calm		Calm		Calm		Calm		.6
Calm		NE	1.5	Calm		NE	.5	E	1	NE	1.5	2.2
Calm		Calm		Calm		Calm		Calm		Calm		1.3
Calm		Calm		Calm		Calm		W	1	WNW	1.5	1.1
Calm		Calm		Calm		Calm		Calm		Calm		1.7
NE	2	NE	1.5	NNE	.5	NE	1	NE	1	NNE	1.5	2.2
NE	2.5	ENE	3	ENE	1.5	ENE	1	ENE	1	ENE	.5	1.5
NE	.5	NE	.5	Calm		Calm		Calm		Calm		2.4
SE	1.5	SE	1.5	Calm		Calm		Calm		Calm		1
Calm		Calm		Calm		SE	1.5	Calm		Calm		.8
SE	1.5	SE	1.5	SE	1.5	SE	.5	SE	.5	Calm		.9
	0.6		0.6		0.6		0.6		0.4		0.4	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	7.5	2	0.5	0.5	3.5	4	3.5	9.5	7.5	5.5	5	6
2	1.5	0	0	.5	1.5	.5	1	3	5	8	13	13
3	1	.5	.5	0	2	.5	.5	0	3	7	10.5	12.5
4	5	3	5.5	5.5	7	4	2	0	1	4	3.5	7
5	.5	0	1.5	2.5	.5	1.5	0	1	2	5	6	6
6	1.5	.5	2	2	2	4	3.5	5.5	5	5	9	9
7	.5	0	2	4	5	3	1	2	3	6	10	6
8	2.5	1	1.5	1	1	4	2	7	4	5	8	3
9	1	1	4	4.5	1.5	3	4	1	2	10	11	11
10	4.5	4.5	6.5	5	6	1	1	.5	2.5	5	10	6
11	3.5	4	4	5	6	6.5	6.5	10	6.5	2.5	10	10
12	1.5	1	1.5	2.5	1.5	2.5	2	5	1.5	5.5	12	12
13	2	.5	0	1.5	.5	1	1	1	2	2	8.5	11
14	4.5	2	.5	.5	1.5	3	2	4	10.5	9	12	13
15	2.5	2.5	.5	2.5	4	3	3.5	6.5	7	12	16.5	11.5
16	.5	.5	0	1.5	2.5	4	2	2	.5	3.5	6	3
17	1	0	.5	.5	.5	0	0	1.5	2	7	13	14.5
18	0	0	1	1	1	1	3	2	2	4	7	12
19	1	2	1	0	0	0	0	1	12	15	18	11
20	3.5	3.5	1.5	1	1	1.5	2	7	2	3	11	4.5
21	0	.5	2	1	2	.5	0	6.5	16	13	27	22
22	3	6.5	12	6	12	7	5.5	9	14.5	10	15.5	7.5
23	4.5	3	3	4	1.5	1	1	2	3	3	10	9
24	4.5	0	0	1	1.5	3	5	4	10	15	21	23
25	.5	1	4	4.5	6.5	8	8	9	16	13	21	19
26	1.5	2.5	3.5	1.5	1	1.5	4	6	8.5	3	6.5	8
27	5.5	12.5	8.5	11.5	13	14	13	12	18	15	22	15
28	.5	1	1	1.5	3	2	1	1	5	5	12	12
29	.5	1	1	1	2.5	2.5	3	1	3	5	9.5	14
30	1	0	2	2.5	2.5	1	1	.5	5	5.5	9	6.5
Mean	2.2	1.9	2.4	2.5	3.1	3	2.7	4	6	7	11.8	10.6

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
2	9	9	9	9	9	9	10	7	7	6	4	3	7.6	4	35
3	7	2	2	4	4	6	8	7	10	8	6	4	5.7	4	55
4	9	10	10	10	10	10	10	9	10	10	10	10	9.8	0	25
5	10	9	10	10	10	10	10	10	10	10	10	9	9.8	0	25
6	8	7	9	10	10	9	9	8	7	7	7	5	8	3	20
7	7	7	8	7	6	9	9	9	8	8	8	8	7.8	4	00
8	5	3	10	8	10	9	10	10	9	10	10	10	8.7	1	00
9	7	8	9	8	6	6	5	7	8	6	5	3	6.5	9	20
10	3	2	7	6	9	10	10	10	10	7	3	3	6.7	4	05
11	6	4	5	7	8	9	10	10	4	4	3	1	5.9	8	25
12	1	1	1	2	2	3	3	3	5	4	2	9	3	9	15
13	10	9	9	8	10	10	10	10	10	4	3	1	7.8	2	35
14	10	9	10	9	8	5	5	5	3	3	2	2	5.9	7	10
15	3	2	2	4	6	8	9	8	9	9	10	9	6.6	5	00
16	4	5	7	8	8	4	3	6	8	5	4	2	5.3	8	10
17	3	3	3	4	4	4	4	4	3	3	3	7	3.8	9	05
18	8	8	9	9	5	8	8	4	3	3	3	3	5.9	4	50
19	3	4	8	7	9	7	10	7	8	10	9	6	7.3	4	05
20	10	10	10	10	10	9	10	8	10	10	7	6	9.2	0	00
21	6	4	4	3	7	6	4	5	8	7	4	5	5.2	6	50
22	8	7	7	10	9	10	10	10	9	8	6	4	8.2	0	05
23	6	9	7	8	8	8	8	8	10	10	10	10	8.5	3	25
24	8	8	7	6	6	7	6	8	10	8	6	5	7.1	4	05
25	2	2	1	1	4	10	10	9	6	4	4	4	4.8	6	10
26	10	4	5	10	10	3	4	3	5	10	10	8	6.8	6	40
27	9	10	10	10	10	10	10	10	10	10	10	9	9.8	0	00
28	4	4	4	5	8	8	6	6	3	3	3	2	4.7	7	45
29	1	1	1	1	7	2	6	6	5	3	2	2	3.1	8	25
30	8	2	4	4	9	9	10	8	6	2	2	1	5.4	5	30
Total														139	35
Mean	6.5	5.8	6.6	6.9	7.7	7.6	7.9	7.5	7.5	6.7	5.9	5.4	6.8	4	39

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
6.5	5	5.5	7	0	0	1	2	1	0	0	3	3.6
12.5	**13.5**	9.5	4.5	1.5	1.5	0	1	3	0	0	1	4
12	7.5	8.5	1.5	2.5	.5	0	.5	.5	1	5.5	3	3.4
.5	1	6.5	2.5	2.5	.5	3	3	3.5	1.5	0	.5	**3**
3	1	3	8	4.5	**8.5**	5	8	5	4	1	1	3.3
12	7	2	4	1	1	4	1	2	2.5	1	0	3.6
5	9	9.5	6	6.5	2	2	1.5	.5	3	3	4	3.9
10	0	1	0	0	3	8	5	3	5	2	4	3.4
13	14	**20**	18	17	5	3.5	4	3.5	8	5	2.5	7
3.5	6	**13.5**	7.5	4	3	.5	2.5	1	1	1.5	2.5	4.1
7.5	8	**15**	14.5	8	2.5	2	1	2.5	4.5	4.5	3	6.1
14	12	6.5	4.5	8	6.5	7.5	9.5	10	7	6	.5	5.9
8	5.5	**11.5**	5	10	8	7	2.5	5.5	5,5	3	5	4.5
20	14	18	**24**	16	5	7.5	5.5	5	3	2.5	2.5	7.7
9.5	3.5	2	.5	3.5	4	3	2.5	.5	1	0	.5	4.3
10	9.5	6.5	6	8	3	3.5	2	3.5	1	1	2	3.4
13.5	6	6	4	7	7	6	6.5	5	2	2.5	1	4.5
8	2.5	4.5	2	3	1.5	4.5	4	3.5	3.5	4	4	3.3
4	**21**	16	5	11	3	0	1.5	4.5	3.5	.5	1	5.5
12.5	10.5	3.5	3	.5	0	0	2	1.5	0	3	1.5	3.3
25	21	18	19	13.5	2	3	2.5	4	1.5	4.5	5.5	8.8
9	6.5	8	4.5	3	0	1.5	.5	0	.5	.5	0	5.9
8	7.5	2	2.5	8.5	2.5	1	.5	.5	3.5	2	8.5	3.8
29	27	15	10	11	4	2	1.5	.5	1.5	1	2	8
20	21	19	**23**	14	12	7.5	7.5	2.5	3	3.5	3	**10.3**
8.5	**16**	10	5.5	3.5	14	10	11	8.5	5.5	5	2	6.1
16	16	10	7	5	5	3.5	1	6.5	2	.5	.5	9.7
13	11	8	5	6	8	4	7	2	2.5	1	0	4.7
14.5	10	10	5.5	3.5	1.5	2	1	1	2.5	4.5	1	4.2
6.5	5	2	3.5	4.5	3.5	5	5.5	6	3.5	2.5	2	3.6
11.2	9.9	9	7.1	6.2	3.9	3.6	3.4	3.2	2.8	2.4	2.2	5.1

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	16	86	1.6	2
2	1	1	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	1	3	1	2	14	95	2.7	-----
3	1	-----	1	-----	1	-----	-----	-----	-----	-----	-----	2	1	3	1	-----	14	81	1.6	4.6
4	1	4	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	1	15	72.5	.3	2.6
5	5	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	-----	-----	3	13	78.5	.7	1.5
6	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	1	2	-----	19	86.5	1.4	2.6
7	3	1	2	-----	4	-----	-----	-----	-----	-----	-----	1	-----	1	-----	1	11	94.5	2.6	-----
8	2	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	18	81	.9	2.6
9	3	4	8	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8	167.5	4.1	-----
10	4	1	2	1	-----	-----	1	-----	-----	-----	1	1	-----	-----	1	-----	12	99	1.5	3.4
11	-----	5	5	2	3	-----	-----	-----	-----	-----	-----	4	-----	-----	-----	-----	5	147.5	3.6	-----
12	1	1	1	1	2	2	-----	-----	-----	-----	-----	1	3	2	-----	-----	10	140.5	3.9	-----
13	-----	1	2	1	6	-----	-----	-----	1	-----	-----	1	1	-----	-----	-----	11	107.5	2.6	-----
14	1	2	10	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	9	185.5	4.7	-----
15	1	2	1	1	-----	-----	-----	-----	-----	-----	-----	-----	1	2	1	-----	15	102.5	3.2	.5
16	-----	-----	-----	1	-----	-----	2	2	-----	-----	1	1	3	1	-----	-----	13	82	2.5	1.3
17	-----	-----	-----	-----	-----	3	2	-----	-----	-----	1	-----	3	3	-----	1	11	107	3.9	-----
18	-----	-----	-----	2	-----	3	1	-----	-----	-----	-----	-----	3	-----	1	-----	14	79	3.1	-----
19	1	-----	4	2	-----	-----	-----	-----	-----	1	2	-----	-----	-----	1	-----	13	132	2.9	-----
20	1	1	2	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	1	-----	18	79.5	.7	6.7
21	2	2	8	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10	210	5	-----
22	2	5	2	1	-----	-----	1	2	-----	-----	-----	-----	-----	-----	-----	-----	11	142.5	1.9	.3
23	2	3	3	-----	-----	-----	-----	-----	-----	-----	-----	2	3	2	-----	-----	9	92	3.5	-----
24	3	1	5	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14	192.5	4	-----
25	4	8	8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	246.5	5.1	-----
26	-----	4	9	5	-----	-----	-----	-----	-----	-----	-----	1	-----	2	-----	-----	3	147	5.2	-----
27	3	13	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	233	.8	3
28	-----	-----	3	1	-----	1	2	2	-----	-----	-----	-----	-----	3	2	-----	10	112.5	2.9	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	3	3	1	1	15	101	3.2	-----
30	1	1	2	-----	-----	-----	7	-----	-----	2	-----	1	1	1	-----	-----	8	86	2.2	-----
Total	43	63	88	23	18	9	16	6	2	3	6	17	24	28	12	15	347	3,667.5	82.3	31.1
Mean	1.4	2.1	2.9	0.8	0.6	0.3	0.5	0.2	0.1	0.1	0.2	0.6	0.8	0.9	0.4	0.5	11.6	122.2	2.7	1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	761.70	9.45p.	30.5	1.20p.	**98**	23	759.35	3.55p.	**23**	2.00a.	74	19.3
2	61.40	9.10p.	31.8	1.55p.	93	23.6	58.95	2.15p.	22.2	4.20a.	64	18.3
3	61.60	10.00p.	32.1	1.10p.	96	23.3	59.13	3.00p.	22.2	5.05a.	69	18.9
4	62.05	9.45a.	28.2	8.45a.	**98**	23.3	59.21	3.00p.	22.8	5.55a.	**84**	**19.9**
5	62.29	10.00a.	28.2	1.50p.	97	22.8	59.75	3.40p.	22.8	11.15p.	81	19
6	61.70	9.10a.	30.9	11.55a.	95	**25.6**	59	3.30p.	22.3	3.50a.	73	19.3
7	62.30	8.50a.	31.8	11.20a.	97	23.3	59.05	3.10p.	22	6.05a.	62	19
8	62.20	9.40a.	30	0.10p.	94	24.5	59.74	3.00p.	22.7	5.50a.	75	18.3
9	62.10	8.50a.	**33.7**	1.25p.	91	21.9	58.75	2.25p.	21.7	4.15a.	55	17.3
10	62.05	9.10a.	30.1	11.10a.	97	22.3	58.92	3.00p.	22.3	11.30p.	74	17.8
11	61.95	10.15p.	32.2	2.20p.	92	20.8	58.91	3.00p.	21.4	4.20a.	52	17.3
12	62.35	10.45p.	31.7	2.50p.	94	20.8	59.50	3.30p.	19.4	6.25a.	57	16.2
13	62.77	9.00a.	30.2	11.50a.	93	20.8	60.15	3.45p.	21.2	5.10a.	66	15.9
14	62.95	9.05a.	31.4	2.15p.	92	17.4	59.85	3.30p.	19.5	11.50p.	**40.5**	**12**
15	63.25	8.50a.	29.6	11.35a.	91	19.7	60.60	3.15p.	**18.1**	6.05a.	56	14.4
16	63.25	8.50a.	30.2	0.20p.	96.5	20.6	60.25	3.40p.	21.2	6.05a.	65	17.7
17	62.59	9.00a.	30.9	2.40p.	95	19.2	59.50	2.45a.	20.9	6.05a.	58.5	16.3
18	63.60	8.35a.	31.7	2.10p.	91	19.2	60.61	3.00p.	21.6	0.45a.	53	15.9
19	63.40	10.00p.	31.4	1.55p.	92	21.7	61.04	2.00p.	21.3	6.15a.	64	17
20	**64.50**	8.25a.	29	1.45p.	96	22.2	61.35	3.35p.	22.5	11.55p.	76	19.1
21	63.10	9.05a.	31.8	1.20p.	95	19.7	60.20	2.20p.	21.5	1.45a.	55	17.8
22	62.65	10.35p.	28.8	0.15p.	96	22.8	59.90	3.55p.	22.3	6.20a.	70	17.6
23	63.60	9.35a.	30.9	0.35p.	95	20.7	60.95	2.55p.	21.7	4.40a.	62	16.6
24	64.07	9.00a.	30.9	11.50a.	**87**	18.4	**61.55**	3.10p.	20.6	11.45p.	53	15.6
25	63.95	9.05a.	30.7	0.40p.	88	**16.6**	60.75	3.30p.	18.7	6.30a.	52	13.6
26	62.05	9.35a.	31.3	3.05p.	91	18.3	58.50	2.45p.	20	0.05a.	56	15.3
27	**59.75**	0.05a.	**26.8**	1.15p.	95	20.5	**56.75**	1.45p.	21.3	11.20p.	74	16.4
28	60.70	9.30a.	31.9	3.10p.	97	22.4	57.90	3.15p.	21.6	5.05a.	67	17.5
29	61	8.50a.	31.6	1.45p.	94	22.1	58.40	2.40p.	21	5.45a.	62	17.6
30	61.50	9.20a.	31.2	3.35p.	97	21.5	59.14	4.00p.	22.3	5.45a.	69	18.1
Mean	762.41	--------	30.7	--------	94.1	21.3	759.59	--------	21.4	--------	64	17.2

DAILY GENERAL REMARKS.

1----●° early in the morning.
2----p° in the afternoon.
3----Coloration of upper clouds at sunrise; ●, ↯ N quadrant in the afternoon.
4----● in the forenoon; d in the afternoon.
5----≡° in the morning; ● in the afternoon.
6----● in the afternoon.
7----Overcast.
8----● in the forenoon and afternoon.
9----Cloudy weather.
10----● in the forenoon and afternoon.
11----Somewhat gusty E winds in the afternoon.
12----Fair weather.
13----Overcast.
14----Coloration of upper clouds at sunset.
15----d at night.
16----d, p° in the morning; convergence of Ci. toward W in the afternoon; coloration of clouds at sunset.
17----Cloudy.
18----As yesterday.
19----p° 11.10 a. m.
20----⌒², ● in the morning; ⊤° 2.30 p. m.
21----Somewhat gusty Nly winds in the morning and afternoon.
22----d in the afternoon.
23----Overcast.
24----Somewhat gusty NE winds in the afternoon.
25----≡° in the morning.
26----d° in the morning.
27----● 9.25 a. m.; d°, ⌒ in the afternoon; coloration of clouds at sunset.
28----Cloudy.
29----As yesterday.
30----Do.

OBSERVATIONS FOR DECEMBER, 1913.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.50	60.20	60	60.15	60.40	60.75	61.20	61.54	**61.77**	61.50	61.12	60.29
2	60.35	60.05	60.05	60.20	60.35	60.81	61.30	61.99	**62.09**	61.98	61.62	61
3	60.95	60.75	60.80	60.90	61.05	61.63	62.35	62.91	**63.09**	63	62.57	62.04
4	62.55	62.45	62.50	62.65	62.85	63.29	63.65	63.84	**63.95**	63.63	63.38	62.84
5	63.25	63.05	63.05	62.85	63	63.15	63.30	63.86	**64.05**	64.02	63.69	62.92
6	63.40	63	62.85	62.85	63	63.24	63.74	63.80	**64**	63.82	63.20	62.60
7	62.85	62.30	61.95	62	62.25	62.36	62.78	63.14	**63.44**	63.15	62.64	61.94
8	61.90	61.45	61	61.05	61.15	61.41	61.76	61.99	**62.14**	61.88	61.57	61.02
9	61.65	61.15	60.75	60.80	61	61.26	61.65	62.04	62.14	62.24	**62.34**	61.64
10	61.60	61.50	61.40	61.35	61.60	61.53	62.18	62.33	**63.13**	62.84	62.02	61.62
11	**62.05**	61.55	61.05	60.85	60.80	61.03	61.48	61.83	62.04	61.64	61.19	60.68
12	60.70	60.35	60.15	60.20	60.40	60.63	61.11	61.69	**61.97**	61.65	61.04	60.29
13	60.15	59.80	59.65	59.70	60.05	60.30	60.69	61.28	**61.67**	61.57	61.04	60.74
14	60.65	60.30	59.85	59.85	59.90	59.97	60.18	60.83	60.85	60.74	60.30	59.74
15	60.20	59.85	59.70	59.70	59.85	60.14	60.26	60.61	60.65	60.54	60.30	59.69
16	60.15	59.90	59.80	60.05	60.25	60.74	61.07	**61.65**	61.50	61.32	60.96	60.36
17	61	60.90	60.65	60.75	60.85	61.13	61.49	61.94	**62.15**	62.04	61.57	61.03
18	61.05	60.65	60.45	**60.35**	60.55	60.88	61.35	61.84	62.33	62.38	62.05	61.63
19	62.05	61.80	61.65	61.80	61.90	62.19	62.33	62.85	62.84	62.72	62.52	61.99
20	63.30	63	62.70	62.75	62.80	63.04	63.29	63.65	**63.82**	63.39	62.85	61.95
21	62.60	62.15	61.80	61.80	61.85	62	62.38	62.84	**62.99**	62.68	62.15	61.38
22	60.95	60.65	60.40	60.40	60.55	60.91	61.05	**61.33**	61.24	61.05	60.68	59.95
23	60.45	59.90	59.70	59.95	59.95	60.21	60.65	61.34	61.39	**61.49**	61.02	60.54
24	60.70	60.40	60.15	60.15	60.25	60.59	60.87	61.40	61.67	**61.68**	61.14	60.55
25	60.30	60	59.45	59.50	59.65	59.81	60.23	60.94	**61.37**	61.29	60.57	60.19
26	59.70	59.35	59.25	59.40	59.50	59.90	60.40	60.82	**60.94**	60.89	60.59	59.82
27	59.80	59.55	59.50	59.50	59.40	59.85	60.45	60.69	60.84	60.80	60.57	59.88
28	61.10	60.90	60.65	60.65	60.85	61.36	61.91	62.26	**62.30**	62.08	61.94	61.48
29	62.10	61.85	61.70	61.80	61.95	62.24	62.85	63.52	**63.84**	63.39	62.69	62.27
30	63.30	63.10	63	63.15	63.45	63.56	64.21	64.69	64.84	64.87	64.45	63.93
31	64.60	64.30	63.85	64	64.10	64.46	64.66	65.06	65.34	64.98	64.63	63.92
Mean	61.48	61.17	60.95	61	61.15	61.43	61.83	62.27	**62.46**	62.30	61.88	61.29

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.9	22.3	22	21.8	21.6	**21.4**	21.8	25.5	26.8	27.4	28	**29.6**
2	21.7	21.2	**21**	21.1	21.3	21.4	23	24	27.2	27	27.9	28.1
3	21	21.1	20.7	20.4	**20.3**	20.6	21.3	25.2	27.1	28.2	28.7	28.5
4	21.3	20.6	20.6	20.6	**20**	20.3	21	23.8	25.9	**28.8**	28.5	28.5
5	23	22.8	22.4	22.4	**22**	**22**	23.6	25.3	25.5	27.6	26.3	**28.3**
6	22.7	22.4	21.9	**21.4**	21.7	21.5	22.4	24.5	26.2	27	28.5	27.9
7	22.7	22	21.6	21.6	21.6	**21.3**	22	25.2	26.3	27.6	28.2	30.9
8	22	22.4	**21.8**	22	21.9	21.9	22.6	24.5	27.2	**28.1**	26.9	27.6
9	23.6	23.2	22.8	22.5	22.4	22.3	22.9	25.3	**27.8**	26.4	26	26.4
10	21.5	21.7	21.8	**21.4**	21.7	21.9	22.2	24.5	25.2	27.8	28.5	28.4
11	21.1	20.8	20.7	**20.5**	21.2	21.3	21.5	24	27.7	28.2	26.7	27.7
12	22	21.9	21.3	21.7	21.5	**21.1**	21.5	25.6	28.5	29.4	31.5	**32.6**
13	22.9	22.9	22.2	22.1	22.1	**22**	23	25.3	26.9	27.8	29.2	27.7
14	22.3	22	21.5	21.1	20.8	**20.7**	21.4	25.1	27.1	28.9	28.8	29.9
15	22.9	22.9	22.7	**22**	**22**	**22**	22.4	24.5	28.1	28.1	28.2	28.6
16	23.8	23.6	23.2	23	23.4	23.5	23.5	24.3	27.5	29.4	29.3	**29.8**
17	22.3	22.1	21.4	21.4	21.1	**20.9**	21.2	23.7	25.3	26.8	28.1	29.6
18	23.7	23.5	23.4	22.9	22.9	23	24	25.2	**25.6**	**25.6**	25.5	**25.6**
19	**22.8**	23.6	23.6	23.2	23.2	22.9	22.9	24.9	26	26.9	27	29.1
20	23.5	23.1	23.2	23	22.9	23	23.3	24.3	25.5	27.1	27.2	26.8
21	21.7	21.6	21.4	21.2	**21.1**	**21.1**	21.4	22.9	24.7	26.6	**28.5**	27.5
22	22.9	22.9	22.9	22.7	**22.5**	22.7	23.2	24.8	26.3	28.1	28.2	28.7
23	24.1	23.7	23	23	23	**22.7**	23	24.5	26	26.7	**29**	28
24	23.3	23.5	23.7	23.8	23.7	23.6	23.8	25.1	27.4	27.5	27.5	**29.2**
25	**21.3**	22.1	21.9	21.8	22.2	21.9	22.6	24.9	26.9	28.2	28.9	30
26	23.8	23.2	23.2	22.9	22.4	**22.3**	23.1	25.8	26.8	29	29.7	29.5
27	24.1	24.3	23.9	23.5	23.1	**22.8**	23	24.2	26	27.2	28.7	**29.3**
28	23.6	22.3	22.3	22.4	22.4	**22.2**	22.5	23.4	24	26.7	**27.8**	26.5
29	22.7	22.3	22.1	22	21.9	**21.7**	21.8	24.5	26.7	27.6	28.4	27.6
30	23.6	23.5	23.5	23.4	23.5	24	24	25	26.3	27.2	**27.6**	**27.6**
31	23	22.3	22.3	21.7	**21.3**	21.7	22.4	24.4	24.7	26.8	26.4	27.7
Mean	22.7	22.5	22.3	22.1	**22**	**22**	22.5	24.7	26.4	27.6	28.1	**28.5**

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.68	59.17	58.99	**58.91**	59.05	59.40	59.94	60.35	60.65	60.85	60.75	60.65	60.33
60.24	59.58	**59.17**	59.26	59.60	60.03	60.42	60.95	61.35	61.40	61.25	61.10	60.67
61.37	60.96	**60.72**	60.94	61.35	61.66	61.84	62.15	62.75	62.90	62.85	62.70	61.84
62.27	61.84	**61.69**	61.78	62	62.39	62.84	63.15	63.40	63.70	63.55	63.45	62.90
62.39	61.92	**61.73**	61.92	62.35	62.69	63.02	63.45	63.80	63.80	63.80	63.75	63.12
61.87	61.38	**61.12**	61.38	61.75	61.93	62.45	62.70	62.95	63.20	63.30	63	62.77
61.17	60.59	**60.37**	60.57	60.92	61.48	61.95	62.35	62.70	62.50	62.40	62.10	62.08
60.53	59.95	**59.67**	59.92	60.39	60.44	61.10	61.65	61.85	61.85	61.75	61.80	61.22
60.82	60.72	**60.20**	60.40	60.57	60.97	61.43	61.65	62.05	62.15	62	61.85	61.39
60.93	60.67	**60.34**	60.43	60.80	61.19	61.72	62.10	62.40	62.45	62.50	62.30	61.71
59.54	58.84	**58.72**	58.91	59.25	59.75	60.29	60.80	61.15	61.20	61.15	61.15	60.71
58.84	58.17	**57.97**	58.23	58.84	59.28	59.99	60.35	60.80	60.75	60.65	60.55	60.19
59.78	59.48	**59.16**	59.43	59.80	60.47	60.83	61.20	61.45	61.40	61.25	61	60.50
59.30	58.75	**58.69**	59.17	59.43	59.83	60.50	61	**61.15**	61.05	60.70	60.50	60.13
59.14	58.48	**58.28**	58.39	59.08	59.38	59.75	60.20	60.60	**60.70**	60.50	60.30	59.85
59.88	59.47	59.27	**59.22**	59.60	59.94	60.57	60.90	61.40	61.45	61.40	61.20	60.50
60.31	**59.64**	59.68	59.93	60.17	60.54	61.14	61.55	61.85	61.65	61.25	61.15	61.02
61.10	60.77	60.82	61.01	61.35	61.66	62.09	62.40	**62.75**	62.65	62.55	62.40	61.54
61.44	60.74	**60.50**	60.77	61.34	61.74	62.39	62.95	63.45	63.60	**63.65**	63.55	62.20
61.25	**60.68**	60.69	61.03	61.54	61.89	62.25	62.75	63.05	63.15	63	62.80	62.53
60.69	59.90	**59.58**	59.95	60.20	60.64	61.15	61.50	61.70	61.70	61.50	61.25	61.52
58.99	58.24	58.06	**58.04**	58.39	58.84	59.43	60	60.20	60.30	60.30	60.50	60.02
59.52	**58.92**	**58.92**	58.99	59.24	59.81	59.95	60.75	61	61.05	60.95	60.90	60.27
59.89	59.32	**58.75**	58.83	59.20	59.54	59.95	60.20	60.70	60.75	60.50	60.65	60.33
59.25	58.66	**58.43**	58.47	58.72	58.98	59.20	59.55	60.05	60.15	60	59.90	59.78
59.25	58.48	57.81	**57.56**	57.97	58.33	58.91	59.60	60.15	60.30	60.15	59.85	**59.54**
59.28	58.78	**58.53**	58.80	59.10	59.59	60.04	60.85	61.10	61.15	**61.20**	**61.20**	60.02
60.72	60.09	**59.89**	60.05	60.30	60.70	61.20	61.70	61.95	62	62.05	62.25	61.27
61.37	60.74	**60.67**	60.98	61.61	62.12	62.67	63.25	63.50	63.60	63.60	63.65	62.42
63.25	62.99	**62.92**	63.07	63.44	63.63	64.30	64.70	**65**	64.90	**65**	64.95	63.95
63.36	**62.86**	62.89	62.99	63.73	64.48	65	65.40	65.80	**65.90**	65.75	65.50	**64.48**
60.56	60.03	**59.81**	59.98	60.36	60.75	61.24	61.68	62.02	62.07	61.98	61.87	61.32

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.4	29.5	29.1	28.3	27.2	25.1	24.4	23.9	23.6	23	22.1	21.7	24.9
28.7	29.3	**29.7**	28.8	27.4	25.6	24.7	24.1	23.8	23.2	22.3	21.5	24.8
28.9	**29.6**	**29.6**	28.8	27.5	25.2	24.8	23.8	23	22	21.6	21.7	24.6
27.6	28	27.5	27.2	27.6	25	24.3	23.9	23.6	23.2	22.7	22.2	24.3
25.1	25	25.9	25.4	24.3	24.2	24	24	23.1	22.4	22.2	22.3	24.1
28.9	26.3	27.7	26.3	25.9	24.8	24.1	23.8	23.1	23.1	22.4	22.7	24.5
29.9	30.9	**31**	28	26.5	25.3	24.4	23.6	23.3	22.5	22.3	22.3	25
27	28	**28.1**	27.5	26.4	25.2	24.5	24.4	24.2	24.1	23.7	23.6	24.8
27.1	25.4	26.4	26.4	25.6	24.3	23.7	23.7	23.5	22.9	22.4	**21.7**	24.4
28.4	28.7	28.4	**29.2**	27.3	25.3	24.3	23.2	23.2	22	21.6	**21.4**	24.6
30.8	**31.5**	31.3	30.2	28.5	25.8	24.7	23.9	23.4	22.1	22.6	22	24.9
32.6	32.2	31.9	30.6	28.7	26.4	25.7	24.8	24	23.7	23.6	23.1	**26.1**
29.8	29.1	**29.8**	28.7	28.2	26.9	25.6	24.7	24.2	23.7	23.3	23.2	25.5
29.4	**30.2**	29.1	28.2	26.9	25.6	24.8	24.9	23.9	23.7	23.6	23.6	25.1
27.8	28	**29**	**29**	28	27.5	26.4	25.5	25	24.9	24.6	24.1	25.6
26.5	26.7	26.6	26	26.4	26.3	25.6	24.9	24.4	23.5	23.3	**22.7**	25.3
30.6	**30.7**	28.1	27.5	26.3	25.3	25.2	24.7	24.4	24.2	23.6	23.6	24.9
25.2	24.5	24.5	24.2	23.8	23	**22.8**	22.9	23	22.9	22.9	23	**23.9**
28.5	28.3	27	26.8	25.3	24.6	24.6	24.4	24.3	23.9	23.7	23.7	25
28	**28.1**	28	27.5	26.2	24.7	23.9	23.8	23.2	22.8	22.6	**22**	24.7
27.4	28	27.8	27.5	27	25.4	24.7	24.4	23.6	23	22.9	22.9	24.3
29.9	29.9	**30.4**	30.3	28.2	26.2	25.6	25.2	24.9	24.8	24.3	24.5	25.8
28.2	28.5	24.6	25.3	25.8	25.1	24.5	24.1	23.7	23.8	23.5	23.4	24.9
28.3	27.4	27.6	27.8	26.8	25.2	23.9	23.8	23.9	22.6	22.1	**21.8**	25.1
30.1	**30.2**	29.9	28.9	27.8	25.9	25.4	25.1	25.1	24.9	24.8	24.3	25.6
29.7	**29.8**	29,2	28.3	27.6	26.8	26.7	26.6	26.1	25.2	24.7	24.4	**26.1**
29.2	29.2	28	27.1	26.9	26.3	25.7	24.7	24.2	23.6	23.8	24	25.5
26.9	26.5	26.1	25.9	25.8	24.6	23.7	23	22.7	23.1	23	22.8	24.2
28.5	29.3	**29.4**	29	27.3	25.8	24.9	24.8	24.4	24.1	24.1	23.8	25.2
27.6	27.5	27.1	26.9	26.3	25.1	24.8	24.2	24.3	23.3	**23**	**23**	25.1
28.4	27.5	**28.6**	27.6	26.5	25.4	24.6	24.6	24.1	23.7	23.6	22.8	24.7
28.5	**28.5**	28.3	27.7	26.8	25.4	24.7	24.3	23.9	23.4	23.1	22.9	25

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89	88	90	89	87	88	**93**	84	74	77	76	70.5
2	87	90	89	91	90	**93**	91	87	76	72	74	72
3	93	93	**95**	93	92	92	93	76.5	74	72	66	65
4	86	89	88	86	89	88	**91**	81	73	**64**	65	67
5	83	87	87	88.5	89	90	84	76	74.5	**70**	79	71
6	84	84	88	90	88	90	88.5	77	73	72	**66**	67.5
7	90	92	95	95	95	95	**96**	82	73	71	65.5	54.5
8	89	88.5	90	90	**91**	**91**	89	79	70	70	75	80
9	85	86	87	89	88.5	**90**	89.5	77	**67**	71	77	79
10	92	91	92	91	**93**	**93**	**93**	81	78	70	65	67
11	89	91.5	91	91	88	88	**92**	88	74	72	76	74
12	88	89	91	91	91	91	**94**	82	68	64	56	51
13	93	92	**94**	**94**	93	91	90	83.5	82	79	70	76
14	**92**	91	90	89	91	91	**92**	76	71	62	62	**60**
15	90	91	92	93	**94**	93	**94**	88	74	76	69	**67**
16	91	90.5	94	**96**	94	95	**96**	92	83	**70**	**70**	76
17	95	93	**96**	**96**	95	**96**	**96**	90	78	75	70	61
18	91	93	94	**95**	94	94	87	**81**	83	82	84	86
19	91	87	86	90	90	91	89	78	74	73	75	69
20	90	93	93	**94**	**94**	**94**	**94**	87	80.5	80	77	80
21	88	88	90	91	89	89	**93**	91	83	78	**67**	69
22	**89.5**	89	86	86	88	87	88	82	73	70	70	71
23	91	91	**93**	92	**93**	**93**	92	86	80	79	71	76
24	89	90	89	90	**91**	89	89	83	73	70	69	**68**
25	91	91	90	86	89	91	**92**	84	77	70	67	65
26	93	92	93	94	96	96	**97**	81	77	69	**67**	69
27	86	84	83	85	85	85	83	77	71	66	63	62
28	81	88	90	91	92	**93**	**93**	90	86	74	**72**	75
29	87	88	88	91	90	91	**93**	78	71	64	62	67
30	83	82	82	82	81	79	80	74	67.5	65	64	**63**
31	89	91	90	**93**	92	**93**	**93**	82	79	69	72	64
Mean	88.9	89.5	90.2	90.7	90.7	91	**91.1**	82.4	75.4	71.5	69.7	69.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.4	17.7	17.7	17.3	16.8	16.7	18	20.3	19.3	20.9	21.3	**21.7**
2	16.9	16.8	**16.5**	16.9	16.9	17.6	19	19.3	20.4	19.2	**20.6**	20.4
3	17.1	17.2	17.3	16.6	16.4	16.7	17.4	18.2	19.7	**20.4**	19.3	18.8
4	16.3	16	15.9	15.5	**15.4**	15.6	16.8	17.6	18.1	18.8	18.8	19.4
5	17.3	17.9	17.5	17.8	17.5	17.7	18.1	18.2	18	19.4	20.2	20.3
6	17.3	**17**	17.3	**17**	**17**	17.2	17.8	17.6	18.3	19.2	19.2	18.8
7	18.5	18	18.1	18.1	18.1	17.8	18.8	19.5	18.6	**19.6**	18.6	18.1
8	17.5	17.8	17.5	17.7	17.8	17.8	18.2	18.1	18.8	19.7	19.8	**21.9**
9	18.3	18.2	17.9	18.1	17.8	18.1	18.6	18.5	18.7	18.2	19.2	20.3
10	17.5	17.5	17.8	17.2	17.9	18.1	18.5	18.5	18.6	19.5	18.8	19.2
11	16.6	16.7	16.6	**16.4**	16.5	16.6	17.5	19.5	20.5	20.5	19.8	20.5
12	17.2	17.4	17.1	17.5	17.3	**16.9**	17.8	**20**	19.8	19.6	19.3	18.6
13	19.3	19.1	18.6	18.5	18.3	**17.9**	18.8	20	21.6	**21.8**	21	21.1
14	18.4	17.9	17.2	16.6	16.6	**16.5**	17.4	18.1	18.9	18.4	18.2	18.9
15	18.7	18.9	18.9	**18.2**	18.4	**18.2**	18.9	20.1	21	21.4	19.6	19.5
16	20	19.6	19.8	19.9	20.1	20.4	20.6	20.9	22.6	21.4	21.3	**23.6**
17	18.9	18.3	18.3	18.3	17.8	**17.7**	18	19.5	18.7	**19.7**	**19.7**	18.7
18	19.9	20	20.1	19.6	19.5	19.6	19.3	19.3	20.2	20	20.3	21
19	18.8	18.8	18.7	18.9	19.1	18.9	18.4	**18.2**	18.5	19.2	19.7	20.6
20	19.3	19.5	19.7	19.6	19.5	19.6	20	19.7	19.5	**21.2**	20.6	20.8
21	17	16.9	17	17	**16.6**	**16.6**	17.6	18.9	19.1	20.2	19.4	18.9
22	18.6	18.4	17.8	**17.6**	17.7	17.8	18.6	19	18.5	19.8	20	20.6
23	20.2	19.7	19.4	19.2	19.4	**19**	19.2	19.6	20	20.5	21.1	21.3
24	18.9	19.3	19.3	19.7	19.7	19.2	19.4	19.6	19.7	19	18.9	20.3
25	17.1	18	17.6	**16.6**	17.8	17.8	18.7	19.7	20.4	20	19.9	20.5
26	20.4	19.5	19.7	19.5	19.2	19.1	20.3	20.1	20.1	20.7	20.8	21.2
27	19.1	19	18.3	18.2	17.9	17.6	17.3	**17.2**	17.7	17.7	18.3	18.7
28	17.6	17.7	18.1	18.3	18.5	18.5	18.8	19.2	19	19.2	20	19.3
29	17.8	**17.5**	**17.5**	17.9	17.6	**17.5**	18	17.8	18.6	17.7	17.7	18.4
30	18	17.7	17.7	17.5	17.5	17.5	17.7	17.5	**17.2**	17.6	17.5	17.3
31	18.5	18.2	18.1	17.9	17.3	17.9	**18.7**	18.5	18.2	18	18.4	17.6
Mean	18.2	18.1	18	**17.9**	**17.9**	**17.9**	18.5	19	19.3	19.6	19.6	**19.9**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70	**66**	67	70	68	75	74	75	79	83.5	87	87	79.5
68	65	**64.5**	66	76	82	82	81.5	82	87	91	91	81.2
62	62	**61**	64.5	74	80	78	82	83.5	84	83	83	79.2
73	74	71	74	73	81	84	82	80	81	80	83	79.3
90	**92**	85	90	89	81	80	77.5	83	87	88	88	83.7
71	76	81	82	80	75	84	81	86	88	**91**	89	81.3
51	**51**	53	65	71	78	81	85	84	87	88	86	78.5
75	70	**63**	66	70	73	76	78	78	81.5	84	85	79.2
72	86	83	82	79	82	85	83	85	83	87	**90**	82.6
67	69	70	**57**	63	79	81	84	84	86	87	88	80
66	61	**56**	59	66	76	78	78	80	86	85	88	78.9
48	49	54	58	67	78	78	83	88	87	89	92	76.1
67	70	68	71	69	71	75	81	84	85	88	88	81.4
63	**60**	64	63	69	74	78	77	86	88	90.5	91	77.9
77	80	74	74	79	80	80	83	85	88	88	91	83.3
90	89	91	91	88	93	93	**96**	92	93	91	94	89.5
56	**55.5**	63	68	76	76	74	81	82	83	86	86	80.3
91	91.5	92	86	85	92	92	93	93	93	93	90	**89.8**
68	70	72	74.5	85	**92**	88	91	90	91	**92**	88	83.1
74	**69**	**69**	70	72	77	81	81	84	85	86	88	83
71	71	72	76	80	84	83	85	89	89	89.5	89.5	83.1
63.5	65	68	68	74	82	83	84	86	87	87	88	79.8
80	**70**	89	88	89	88	87	89	89	87	90	89	86.3
70	73	73	75	77	74	81	78	77	85	86	86	80.2
61	**58**	62	68	68	81	85	88	88	87	87	90	79.8
70	69	73	77	81	84	88	86	80	79	81	83	82.3
60	**60**	71	78	80	83	**88**	77	77	80.5	79	77.5	76.7
78	76	79	80	80	80	79	82	83	83	83.5	86	83.1
64	**60**	62	62	70	77	81	79	80	79	81	81	76.9
65	64	69	69	69	76	79	84	78	85	88	**90**	**75.8**
62	62	**60**	**60**	64	67	73	70	72	73	73	78	75.9
69.1	**68.8**	70.3	72	75.2	79.7	81.6	82.4	83.5	85.2	86.4	87.2	80.9

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.4	20.1	20	19.9	18.3	17.8	16.8	**16.5**	17.1	17.4	17.1	16.9	18.6
19.8	19.7	20	19.4	20.5	20	18.9	18.2	18	18.4	18.2	17.3	18.7
18.4	19.1	18.7	19	20.2	19	18.1	18	17.4	16.5	**15.9**	16	18
20.1	**20.7**	19.4	19.8	20	19.1	19	18.1	17.3	17.1	16.4	16.6	17.8
21.3	**21.7**	21.2	**21.7**	20.1	18.1	17.7	**17.2**	17.4	17.5	17.4	17.5	18.7
21.1	19.4	**22.3**	20.8	19.9	17.4	18.7	17.8	18.1	18.4	18.3	18.2	18.5
16.1	16.9	17.9	18.3	18.4	18.7	18.3	18.3	17.8	17.6	17.5	17.2	18.1
20	19.7	17.9	18.1	18	**17.3**	17.4	17.6	17.6	18.2	18.3	18.5	18.4
19.1	20.7	**21.3**	21.1	19.3	18.6	18.6	18.1	18.2	**17.3**	17.5	17.4	18.7
19.2	20.1	**20.3**	17.1	16.9	18.9	18.2	17.9	17.7	16.9	16.8	**16.7**	18.2
21.8	20.9	19	18.9	19	18.8	18	17.2	17.2	17	17.3	17.4	18.3
17.7	17.5	19	18.9	19.7	19.9	19.2	19.4	19.5	19	19.2	19.4	18.6
20.7	21	21.1	20.9	19.6	18.6	18.3	18.7	18.8	18.4	18.7	18.6	19.6
19.2	19.1	19	18.1	18.1	18	18.1	18	19	19.1	19.6	**19.8**	18.3
21.4	**22.5**	21.9	21.9	22.1	21.8	20.5	20.1	20	20.6	20.3	20.2	20.2
23.2	23.1	23.5	22.7	22.4	**23.6**	22.8	22.4	21	20	19.4	**19.2**	**21.4**
18.3	18.2	**17.7**	18.5	19.2	18.2	**17.7**	18.7	18.7	18.7	18.7	18.7	18.5
21.6	20.9	21.1	19.2	**18.6**	19.2	19	19.3	19.4	19.3	19.3	18.8	19.8
19.8	20.1	19	19.5	20.4	**21.2**	20.3	20.8	20.3	20	20.1	19.1	19.5
20.7	19.4	19.3	19	18.2	17.8	17.8	17.6	17.7	17.6	17.5	**17.4**	19.1
19.3	20.1	20	20.8	**21.1**	20.2	19.3	19.3	19.2	18.5	18.6	18.6	18.8
19.9	20.5	**22**	21.7	21.2	20.8	20.2	20.1	20.1	20.2	19.7	20.1	19.6
22.8	20.2	20.4	21.2	22	20.9	19.8	19.8	19.3	19.1	19.3	**19**	20.1
20.1	19.9	20	**20.8**	20.1	17.7	17.9	17.1	16.9	17.3	17	**16.6**	18.9
19.4	18.4	19.4	20.1	18.8	20.2	20.6	**20.7**	**20.7**	20.5	20.2	20.3	19.3
21.6	21.6	21.9	22.1	22.1	22	**22.9**	22.2	20.1	18.8	**18.7**	18.9	20.6
18.2	18	20.1	20.7	20.9	21.2	**21.5**	17.8	**17.2**	17.4	17.3	**17.2**	18.5
20.6	19.5	19.9	19.9	19.7	18.4	17.2	**17.1**	**17.1**	17.4	17.4	17.7	18.6
18.4	18.1	18.9	18.5	18.8	**19**	**19**	18.3	18.2	17.7	18	17.8	18.1
17.8	17.5	18.4	18.1	17.5	18.1	18.3	**18.8**	17.7	18.1	18.3	**18.8**	17.8
17.7	17	17.4	16.6	16.5	16.1	16.8	16.1	16.1	16	**15.9**	16	**17.3**
19.9	19.7	**19.9**	19.8	19.6	19.2	18.9	18.6	18.4	18.3	18.2	18.1	18.9

UPPER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1												
2	A.-Cu.											
3	Ci.-S.		Ci.		A.-Cu.		A.-Cu.		Ci.		Ci.	
4	A.-Cu.		A.-Cu.		Ci.		Ci.					
5	Ci.		Ci.		Ci.-S.		Ci.-S.		A.-Cu.		A.-Cu.	
6	A.-Cu.		Ci.				A.-Cu.					
7	A.-Cu.		A.-Cu.									
8	A.-Cu.											
9	A.-Cu.		A.-Cu.		Ci.							
10									A.-Cu.			
11			A.-Cu.				Ci.					
12					A.-Cu.							
13	A.-Cu.		A.-Cu.		A.-Cu.		Ci.-S.					
14	Ci.-S.											
15	A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.					
16	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.					
17			A.-Cu.								Ci.	
18	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.			
19												
20	A.-Cu.		Ci.-S.				Ci.					
21	Ci.	S	Ci.-S.		Ci.-S.	S	Ci.-S.		Ci.-S.			
22	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.	ESE	A.-Cu.	ESE	Ci.-Cu.	
23	A.-Cu.		A.-Cu.		A.-Cu.		A.-Cu.		Ci.		A.-Cu.	
24			Ci.-S.									
25	Ci.-S.		Ci.		Ci.		Ci.		Ci.		Ci.	
26	A -Cu.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.	
27	Ci.-S.		Ci.-S.		Ci.-S.		Ci.-S.		Ci.		Ci.-S.	
28	A.-Cu.						Ci.-S.					
29					Ci.							
30	Ci.-S.		A.-Cu.		A.-Cu.							
31	A.-Cu.		Ci.-S.		Ci.-S.		A.-Cu.		Ci.			

LOWER CLOUDS—FORM AND DIRECTION.

Day.	7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
1	Cu.		Cu.		Cu.		Cu.		Cu.	E	Cu.	E
2	Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.		Cu.	
3	Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	E	Cu.	E
4	S.-Cu.		S.-Cu.	E	Cu.	E	Cu.		Cu.-N.	E	Cu.	E
5	Cu.		Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	E
6	Cu.	E	Cu.	E	N.-cf.	E	Cu.	E	N.-cf.		N.-cf.	
7	S.-Cu.	E	S.-Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E
8	Cu.	E	Cu.		Cu.		Cu.	E	N.	E	Cu.-N.	
9	S.-Cu.		Cu.	E	Cu.	E	Fr.-N.	E	Cu.-N.	E	Cu.-N.	
10	S.-Cu.	E	Cu.	E	N.-cf.	E	Cu.	E	Cu.	E	N.-cf.	E
11	Cu.		Cu.	E	Cu.	E	Cu.		N.-cf.	E	Cu.	E
12	Cu.	E	Cu.		Cu.		Cu.	E	Cu.		Cu.	
13	Cu.		Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E
14	Cu.		S.-Cu.		S.-Cu.	EbyN	Cu.	ENE	N.-cf.	ENE	N.-cf.	ENE
15	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
16	Cu.		Cu.	E	Cu.	E	Cu.	E	N.-cf.	E	N.-cf.	
17	Cu.		Cu.	E	Cu.	E	Cu.		Cu.	E	Cu.	
18	Cu.		Cu.	E	Cu.		Cu.		Cu.-N.		N.	
19	Cu.		N.-cf.		Cu.	E	Cu.	E	N.-cf.	E	Cu.	
20	Cu.	E	N.-cf.	E	N.-cf.	E	Cu.	E	N.-cf.		N.-cf.	E
21	S.-Cu.		S.-Cu.		Cu.		S.-Cu.		Cu.	ESE	Cu.	
22	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
23	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E
24	N.-cf.	E	S.-Cu.	E	Cu.	E	N.-cf.		Cu.-N.	E	N.-cf.	
25	Cu.		Cu.		Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	
26	S.-Cu.	SE	Cu.	SE	Cu.		Cu.		Cu.		Cu.	
27	Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	NNE
28	Cu.	E	S.-Cu.	ENE	S.-Cu.	ENE	Cu.	ENE	N.-cf.	ENE	N.-cf.	
29	Cu.		Cu.	E	Cu.	E	Cu.		Cu.		Cu.	E
80	Cu.		Cu.		N.-cf.	E	N.-cf.	E	N.-cf.	E	N.-cf.	
31	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	ENE	Cu.	E	Cu.-N.	

UPPER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
				A.-Cu.		A.-Cu.					
				A.-Cu.							
		A.-Cu.		A.-Cu.		Ci.-S.		A.-Cu.		A.-Cu.	
		A.-Cu.									
				Ci.		Ci.		Ci.		Ci.-S.	
						A.-Cu.		A.-Cu.			
				A.-Cu.		Ci.-Cu.		A.-Cu.		A.-Cu.	
Ci.-S.		A.-Cu.	SE			A.-Cu.	SE	Ci.-S.		Ci.-S.	
Ci.-S.				Ci.				Ci.		Ci.	
A.-Cu.		A.-Cu.		Ci.-Cu.							
Ci.-S.						Ci.		Ci.		Ci.	
		Ci.-S.		Ci.		Ci.		Ci.		Ci.	
Ci.		Ci.		Ci.-S.		Ci.-S.		Ci.-S.			
Ci.		Ci.		Ci.		Ci.		Ci.			
Ci.-S.		Ci.		Ci.		A.-Cu.		A.-Cu.			
		Ci.									
						A.-Cu.		A.-Cu.			

LOWER CLOUDS—FORM AND DIRECTION.

1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.	Form.	Direction.
Cu.		Cu.		Cu.	E	Cu.	E	Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Fr.-Cu.		Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.		Cu.	E	Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.		Cu.-N.	E	Cu.-N.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.-N.		Cu.		Cu.-N.	
Cu.	E	Cu.	E	N.-cf.	E	Cu.-N.	E	Cu.		Cu.	
Cu.-N.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	E	Cu.	
N.-cf.	E	Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.		Cu.-N.	
Cu.-N.	E	Cu.	E	N.-cf.		Cu.	E	Cu.		Cu.	
Fr.-Cu.	E	N.-cf.	E	Cu.	E	Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.	E	Cu.	E	Cu.		Cu.	
N.-cf.	ENE	N.-cf.	ENE	N.-cf.	ENE	Cu.	E	N.-cf.		N.-cf.	
N.-cf.	E	Cu.-N.	E	Cu.		Cu.		Cu.	E	Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	N.-cf.		Cu.-N.	E	N.-cf.	
Cu.	E	Cu.	E	N.-cf.	E	N.-cf.		N.-cf.		N.-cf.	
Cu.-N.		N.		N.		N.		Cu.-N.		Cu.-N.	
Cu.	E	Cu.-N.	E	Cu.	E	Cu.	E	Cu.-N.	E	Cu.-N.	
Cu.	E	Cu.	E	Cu.		N.-cf.	ENE	S.-Cu.		S.-Cu.	
N.-cf.		Cu.-N.	E	N.-cf.	E	N.-cf.	E	Cu.		Cu.	
Cu.	E	Cu.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.-N.	E	Cu.-N.	E	Cu.		Cu.		Cu.	
Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.-N.	E	Cu.	
Cu.	E	Cu.-N.	E	Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.		Cu.		Cu.		Cu.		Cu.	
Cu.		Cu.	NNE	Cu.	NNE	Cu.		Cu.		Cu.	
N.-cf.	ENE	N.-cf.	ENE	N.-cf.		Cu.	ENE	Cu.		N.-cf.	
Cu.	E	Cu.		Cu.	E	Cu.	E	Cu.	E	Cu.	
Cu.-N.		N.-cf.	E	N.-cf.	E	N.-cf.		N.-cf.	E	N.-cf.	
N.-cf.	ENE	N.-cf.	ENE	N.-cf.	ENE	Cu.		N.-cf.		Cu.	

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	ESE	1	Calm		Calm		E	0.5	Calm		NE	1
2	Calm		Calm		Calm		Calm		Calm		Calm	
3	Calm		Calm		Calm		Calm		Calm		Calm	
4	Calm		Calm		Calm		NNE	1.5	NNE	1	NE	.5
5	NNE	.5	NE	1	E	0.5	NNE	1	NNE	1	NE	2
6	NNE	2	NNE	1.5	NE	1.5	NE	1.5	NE	2	NE	1
7	NNE	.5	Calm		Calm		NE	.5	NE	.5	NNE	2
8	Calm		Calm		Calm		Calm		Calm		NE	1
9	NE	1	Calm		NNE	1.5	NNE	1.5	NNE	1.5	Calm	
10	Calm		ENE	.5	ESE	1	Calm		Calm		Calm	
11	Calm		Calm		Calm		Calm		N	1	NNE	2
12	Calm		Calm		Calm		Calm		Calm		Calm	
13	Calm		Calm		Calm		Calm		Calm		Calm	
14	Calm		Calm		Calm		Calm		Calm		N	1
15	Calm		Calm		Calm		Calm		Calm		Calm	
16	Calm		Calm		Calm		Calm		Calm		Calm	
17	Calm		Calm		Calm		Calm		Calm		Calm	
18	Calm		Calm		Calm		Calm		Calm		NNW	.5
19	W	.5	W	1	W	1	W	1	Calm		Calm	
20	Calm		Calm		Calm		Calm		Calm		Calm	
21	NE	.5	Calm		NE	.5	NE	.5	NE	.5	ENE	1
22	Calm		Calm		Calm		Calm		Calm		NE	1
23	Calm		Calm		Calm		Calm		Calm		ENE	1
24	Calm		Calm		Calm		Calm		Calm		Calm	
25	Calm		Calm		Calm		Calm		Calm		Calm	
26	Calm		Calm		Calm		Calm		Calm		SSE	1
27	N	5.5	N	6.5	N	6.5	N	4	N	4	NEbyN	1.5
28	NE	4.5	NNE	4.5	N	4.5	N	2	N	2	N	1.5
29	Calm		Calm		Calm		Calm		Calm		Calm	
30	NE	1.5	NE	2	N	3	N	3.5	NE	3	N	3.5
31	Calm		Calm		Calm		Calm		Calm		Calm	
Mean		0.6		0.5		0.6		0.6		0.5		0.7

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.		6 p.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	W	2	W	2	W	1.5	Calm		SSE	1	SSE	2
2	W	4.5	WSW	2	WSW	1	SSE	1	Calm		SE	2
3	WNW	2.5	NW	3	WNW	2.5	WNW	1.5	Calm		Calm	
4	W	1.5	Calm		WSW	1	Calm		Calm		Calm	
5	Calm		SSE	2.5	Calm		SSE	1.5	SE	1	ESE	4
6	SE	3.5	SSE	5	NNW	2	Calm		Calm		NE	1.5
7	E	4	ENE	4.5	ENE	1	NE	2.5	NE	2	NNE	.5
8	NE	3	NE	3	ENE	4	ENE	4	ENE	3.5	ENE	2
9	NNW	4.5	SSE	1.5	NNE	2	NNE	2	NNE	3	NNE	2
10	NNW	1.5	NNW	2.5	Calm		ENE	4	Calm		Calm	
11	SE	4	ESE	3	ESE	4.5	ESE	3.5	E	.5	ESE	1
12	SE	4	ESE	5.5	ESE	3.5	E	1.5	ESE	1.5	ESE	1
13	NW	1.5	WNW	1.5	NE	1.5	NE	1.5	NNW	.5	ENE	1.5
14	NE	3.5	NE	6	ENE	5	NE	4	NNE	3.5	NNE	3
15	WNW	2	WSW	1.5	WSW	2	WSW	1	NW	2	Calm	
16	WNW	1	S	1	NNE	2.5	NNE	1.5	NE	1	Calm	
17	ENE	3	ENE	2.5	N	5	ENE	3	NE	1	E	1
18	Calm		Calm		Calm		N	2	Calm		Calm	
19	WNW	1.5	NW	1	NNE	6	NE	2.5	ENE	1.5	Calm	
20	Calm		SEbyS	6	ENE	2.5	SE	6.5	Calm		ESE	1.5
21	WNW	1	WNW	2.5	SW	1	Calm		Calm		SE	1.5
22	WNW	2	WNW	2.5	WSW	3	SE	1	Calm		Calm	
23	Calm		SE	1	SE	2	SE	1	Calm		Calm	
24	W	3	Calm		SW	2	W	1.5	WNW	1	N	2
25	NNE	5	NE	8	NE	6	NE	1	E	2	Calm	
26	WbyN	2.5	SW	5	SW	5	WSW	5	WSW	4.5	SW	2.5
27	N	2.5	NNW	1.5	WbyN	2.5	WbyS	2.5	WSW	1.5	Calm	
28	Calm		Calm		Calm		Calm		Calm		Calm	
29	WSW	1	WSW	2	WNW	2	NE	3	E	1.5	Calm	
30	NNE	3	NNE	4	NNE	3	NNE	2	NNE	2.5	Calm	
31	NE	3	N	4	NE	2	NE	4	NNE	3	N	2
Mean		2.3		2.7		2.5		2.1		1.2		1

WIND—DIRECTION AND FORCE IN M. P. S.

7 a.		8 a.		9 a.		10 a.		11 a.		Noon.	
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
Calm	---------	Calm	---------	WNW	2	WSW	2	W	2	WSW	3
Calm	---------	Calm	---------	NW	2	NW	3	NW	2	WSW	3
Calm	---------	N	1	NE	2	Calm	---------	NW	4.5	WNW	3
Calm	---------	Calm	---------	NE	3	NE	3	Calm	---------	WbyN	4
NE	3	NNE	1.5	NE	2.5	NE	1.5	SSE	1.5	NW	2
NE	2.5	NE	2.5	NNE	2.5	NE	3	ENE	2	NE	2
NEbyN	2.5	NE	1	Calm	---------	WNW	3	NNW	1	E	2
NE	2	ENE	3	ENE	1.5	E	1	E	1.5	NE	1.5
Calm	---------	NNE	2	ENE	1.5	NE	3.5	ENE	1.5	NE	3.5
Calm	---------	N	6	NE	5	ENE	2	NE	3	NNW	3.5
Calm	---------	Calm	---------	NE	1.5	Calm	---------	W	1.5	SSW	3
Calm	---------	Calm	---------	Calm	---------	NE	1.5	ESE	2.5	SE	1.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	WNW	2	WNW	1
Calm	---------	N	1.5	NEbyN	2.5	NNE	2.5	NNE	3	NE	1
Calm	---------	Calm	---------	Calm	---------	WNW	2	WNW	2	WNW	3
Calm	---------	Calm	---------	Calm	---------	ESE	3	ESE	3	Calm	---------
Calm	---------	Calm	---------	Calm	---------	Calm	---------	ENE	1	ENE	1.5
N	1.5	NNE	1.5	Calm	---------	NNW	1.5	NNW	3	Calm	---------
Calm	---------	Calm	---------	NW	2	SW	1	WSW	1	WSW	2.5
Calm	---------	Calm	---------	Calm	---------	Calm	---------	WSW	2.5	WSW	2
Calm	---------	Calm	---------	NE	1	W	3	NW	2.5	W	4.5
Calm	---------	Calm	---------	NNW	2.5	Calm	---------	WNW	3.5	WNW	2.5
Calm	---------	Calm	---------	Calm	---------	ENE	1.5	WSW	1.5	W	1.5
Calm	---------	Calm	---------	NE	.5	Calm	---------	W	1	SW	2
Calm	---------	Calm	---------	Calm	---------	NNE	3.5	NNE	6.5	N	2.5
Calm	---------	N	1.5	NNE	4	NNW	6.5	NNW	3	NW	4
NNE	1.5	N	6	N	6.5	NNW	5.5	NNW	6	N	5
N	1	NNE	2	Calm	---------	Calm	---------	WSW	4	SWbyW	3.5
Calm	---------	N	1	NW	2.5	N	1	NW	5	W	4.5
NNE	3	NNE	1.5	N	2	NNE	5	N	4	NE	3.5
Calm	---------	WNW	1	Calm	---------	WSW	3	Calm	---------	NNE	3
------------	0.5	------------	1.1	------------	1.5	------------	2	------------	2.5	------------	2.6

WIND—DIRECTION AND FORCE IN M. P. S.

7 p.		8 p.		9 p.		10 p.		11 p.		Midnight.		Mean.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SSE	1.5	SE	2.5	SE	1.5	Calm	---------	Calm	---------	Calm	---------	1.1
ESE	2	SE	2.5	SE	2	SE	1	Calm	---------	Calm	---------	1.2
SE	2	ESE	1	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.6
ENE	2.5	ENE	2	NE	1	Calm	---------	Calm	---------	ENE	1	1.4
NNE	.5	NNE	1.5	NNE	1	ESE	1.5	NE	1.5	NNE	1	1.8
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.1
ENE	1	ENE	1	NNE	1	NNE	.5	NNE	.5	Calm	---------	1.5
NNE	1.5	NNE	1.5	NNE	1	NE	1	ENE	1	Calm	---------	1.6
ENE	1	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.2
Calm	---------	NE	1.5	NE	1.5	Calm	---------	Calm	---------	Calm	---------	1.2
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.9
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.5
NNE	2	NNE	2	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.7
N	1	ENE	1.5	Calm	---------	Calm	---------	ENE	1	Calm	---------	.8
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.5
SE	1.5	SSE	1.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.9
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.4
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.9
NE	.5	NE	.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.9
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.8
Calm	---------	SE	1	SSE	2	SSE	1	SE	.5	Calm	---------	.9
SE	1	SSE	.5	Calm	---------	Calm	---------	Calm	---------	Calm	---------	.5
Calm	---------	N	1	NNW	1	Calm	---------	Calm	---------	Calm	---------	.6
E	1	S	2	S	2	S	1	S	1	Calm	---------	1.7
SW	1	Calm	---------	N	3.5	N	3	N	3.5	N	5	2.5
Calm	---------	N	5.5	NNE	5.5	N	3.5	N	4	N	4.5	3.8
Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	Calm	---------	1.2
Calm	---------	NE	.5	N	.5	Calm	---------	NE	.5	NE	1	1.1
NNE	2	NE	.5	N	2	NE	2	Calm	---------	Calm	---------	2.4
N	2	N	3	N	3.5	NE	2	N	3	N	1	1.6
------------	0.8	------------	1.1	------------	0.9	------------	0.5	------------	0.5	------------	0.4	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	1.5	1	1	3	2	3.5	1.5	4.5	9	**14**	12
2	.5	0	.5	1	0	1	3	2	3.5	8	**13.5**	10.5
3	0	0	0	0	0	0	.5	1.5	4.5	2.5	14	12
4	.5	0	0	1.5	1	.5	2	5	9	9	3	**10**
5	2	3	2	3	5	5	7.5	11.5	**13**	6	5.5	4.5
6	6	5	5	5	5	7	5	10	12	8	10	7.5
7	4	1.5	1	2.5	3.5	3.5	3.5	4.5	1.5	1	5	4
8	0	.5	1	1.5	.5	.5	2	8	5.5	2.5	3.5	3.5
9	4	2	6.5	4.5	7	4	1.5	8	6.5	8	4	13
10	1.5	2	5	.5	1	4	4.5	15	**17**	8	11.5	11.5
11	1	1.5	.5	.5	4	5.5	2.5	2	3	2	7.5	6
12	1	2	3.5	1.5	2.5	.5	2	2	2	5	11	12
13	0	.5	0	2.5	1	1	2	.5	.5	2	**10**	9
14	1.5	0	2	1.5	1.5	2	3	7	11.5	11.5	17	15
15	.5	.5	0	0	.5	.5	.5	0	2	7	10	**12**
16	.5	.5	0	0	0	0	0	1	.5	4	**11**	4
17	0	0	.5	0	0	1	0	.5	.5	.5	6.5	9
18	1	1.5	.5	0	0	1	5.5	**7**	4	1.5	**7**	4
19	.5	3.5	4	3.5	2	0	0	.5	2.5	3.5	**7**	9
20	0	.5	0	1	1	4	1.5	0	.5	.5	9	8
21	1.5	.5	3.5	3	3	2.5	0	.5	4.5	4	10	**14**
22	0	.5	1	2.5	1	1	1	3.5	5.5	8	**13**	10
23	2	2.5	0	.5	1.5	1.5	1.5	.5	.5	2	4.5	7
24	1	2	0	.5	.5	0	3.5	4.5	6	8	**9**	6
25	0	1	0	.5	1.5	1	0	.5	2.5	6	21	17
26	1	0	1	.5	.5	1	1	5	16	16	19	18
27	18	21	21	17	16	9	8	11	19	20	**25**	18
28	17	**20**	17	9	4	7	6	10	8	4	7	8
29	1	0	.5	0	2.5	0	.5	0	3	3	16	**21**
30	7	6.5	8	10	9.5	12.5	9	14.5	14.5	16	21.5	19.5
31	.5	.5	3.5	.5	0	0	1	4	1	6	7	11
Mean	2.4	2.6	2.9	2.4	2.5	2.5	2.6	4.6	6	6.2	10.7	10.5

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	1	2	2	3	4	4	2	2	4	3	2	1	**2.5**	7	00
2	8	6	3	6	3	2	1	1	1	2	0	0	2.8	7	15
3	2	3	9	8	10	5	3	2	1	1	1	1	3.8	**8**	**35**
4	8	8	8	3	8	7	10	9	10	7	5	1	7	3	35
5	5	3	8	9	7	10	10	10	10	10	10	10	8.5	1	20
6	8	6	8	5	8	8	10	10	5	10	6	10	7.8	4	40
7	5	3	6	8	8	4	6	6	9	10	5	4	6.2	6	45
8	7	2	2	10	10	10	10	6	6	6	7	6	6.8	2	35
9	8	9	8	10	8	8	8	10	8	6	6	10	8.2	3	30
10	10	3	8	4	7	8	10	4	7	3	3	2	5.8	5	20
11	4	5	6	4	8	6	6	6	4	3	2	1	4.6	7	40
12	5	5	5	6	4	3	2	2	1	1	1	1	3	8	30
13	6	6	7	6	7	7	8	8	6	7	5	6	6.6	5	25
14	3	3	7	8	9	8	10	8	10	7	8	10	7.6	3	30
15	7	6	6	5	4	5	9	10	6	5	5	5	6.1	5	05
16	8	10	8	7	10	10	10	10	8	8	9	10	9	2	10
17	3	8	10	8	8	7	8	8	8	8	8	8	7.7	2	55
18	9	10	10	10	10	10	10	10	10	10	10	10	**9.9**	**0**	**00**
19	8	10	8	9	9	5	8	10	8	8	10	9	8.5	2	30
20	10	9	8	8	8	10	8	9	8	10	4	4	8	2	45
21	7	10	10	9	9	9	10	10	9	10	8	9	9.2	3	35
22	10	10	10	8	9	8	6	6	4	4	3	5	6.9	6	05
23	10	10	9	9	8	9	9	10	10	9	7	7	8.9	0	30
24	10	10	9	10	10	9	10	9	9	10	9	6	9.2	1	10
25	6	7	7	10	9	9	9	8	10	9	8	7	8.2	5	15
26	9	9	7	6	4	4	6	3	5	6	7	4	5.8	**8**	**35**
27	4	6	9	10	9	8	8	10	10	9	9	8	8.3	1	35
28	10	8	8	7	7	9	10	10	10	6	5	8	8.2	3	30
29	4	5	3	2	2	5	4	4	6	8	8	8	4.9	6	40
30	10	8	10	10	10	10	10	10	10	10	10	10	9.8	0	10
31	8	8	10	9	9	8	10	10	8	8	8	10	8.8	2	25
Total														130	35
Mean	6.9	6.7	7.4	7.3	7.6	7.3	**7.8**	7.5	7.1	6.9	**6.1**	6.2	7.1	4	13

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
13	11	7.5	3.5	9	8	10.5	8.5	8	4	2.5	1	5.9
11	8.5	5	1.5	4.5	5.5	8.5	9.5	8.5	4.5	3	0	4.7
15	13	10	4	0	0	4	3.5	1	1	1.5	1.5	3.7
7	1.5	1.5	0	2	.5	.5	3	0	1.5	.5	0	2.5
11	8	2	5	7	8	9	7	2	1.5	1	2.5	5.5
6.5	**16**	5	.5	4.5	8	4.5	7.5	5	4.5	4	5	6.5
15	**15**	12	12	13.5	1	1.5	.5	0	0	0	.5	4.4
15	13	14	**16**	9	8	5	3	3	2	1	1	5
14	6	6	4	9	9	9.5	6.5	4	4	5	1.5	6.1
7.5	9	7.5	13	15	5	4	1	2	1	1	1	6.2
12	12	**18**	12	10	5	3	8	7	1.5	1.5	2	5.3
15	**18**	17	12	9	6	3.5	2	.5	0	0	0	5.3
10	6	5	4	2	8	5	1.5	1.5	.5	2	1	3.1
14	**20**	16	14	12	10.5	4	5.5	1	.5	0	0	7.1
10	4.5	6	4.5	3	3	2	7	2	0	3	1.5	3.3
9	6	7	6	3.5	0	1	.5	1.5	.5	1	.5	2.4
9	12	**21**	12	7	3.5	5	4	2	1	.5	1	4
0	0	0	4	5.5	.5	0	0	0	0	1	1.5	**1.9**
4	4.5	9	**10**	4.5	.5	0	0	0	.5	0	1	2.9
6	9	**16.5**	13	11	5.5	1	.5	1.5	0	1	1	3.8
9	11	11	4	1	2	2	1.5	0	0	1.5	0	3.8
7	9	8	9	8	2	2.5	4.5	7	5	3	2.5	4.8
4	6.5	**11**	4	5	4	4	6	2	1	0	0	3
8	4.5	5.5	4.5	3.5	6	1.5	3.5	4	1.5	.5	0	3.5
19.5	**26.5**	24	9	8.5	5	4.5	5.5	5	4	4.5	2	7
15	20	**23**	22	22	18	12	2	14	10	11	16	11
10.5	11.5	12	11	9.5	6.5	2	16	21	17	21	15	**14.8**
6	6	3	2.5	.5	1.5	4	1	1	1	1	0	6
14	10.5	5.5	9	10.5	4	1.5	2	2	2	3	3.5	4.8
23	**25**	23	19	15	9	4.5	2.5	3	7.5	1	.5	11.7
18	13.5	13.5	17	17	12	6.5	9.5	10	6.5	9.5	4.5	7.2
10.9	**10.9**	10.5	8.5	7.8	5.3	4.1	4.3	3.9	2.7	2.8	**2.2**	5.4

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1			1		1	1	2	3				2	4	1			9	141.5	3.4	
2						1	4	1				3	1		3		11	113.5	2.9	
3	1		1			1	1							4	2		14	89.5	3.8	
4		2	3									1	1	1			16	59.5	2.7	
5		4	6	3	1	1	1	3							1		4	132	1.9	3.3
6		7	10	1		1	1	1								1	2	156.5	2.4	1
7		3	6	2	2									1		1	9	106.5	3.9	
8		3	5	8	2												6	119	3	1.8
9		11	4	3				1								1	4	147.5	2.4	.6
10	1		2	4		1										3	13	148.5	2.9	.3
11	1	1	3		1	4	1			1			1				11	128	3.5	1.3
12			1		1	5	2										15	128	**4.6**	
13			2	1										3	1	1	16	75.5	2.3	2.5
14	2	6	5	1													10	171	3.9	
15	1			2								3		4	1		13	80	2.7	
16		2	1			2			1					1			17	58	.7	9.3
17	1		1	5	1		1	1									14	96.5	3.1	
18	2	1														3	18	**45.5**	**.3**	**12.2**
19		1	1	1							1	2	4	1	2		11	70	2.2	
20			2	1		1	1	1				2					16	92	2.2	
21			5	1			1				1		2	2	1		11	90	2.4	
22			1				3	2				1		4		1	12	114.5	3.2	
23				2			4	1				1	1				15	71.5	1.4	3
24	2		1								2		3	1		1	14	84	2.4	
25	1	3	3		2				4								11	169	3.8	
26	5	1						1			4	2		1	1	2	7	264	4.2	
27	13	2	1									1	1	1		3	2	**356**	3.5	1.3
28	5	2	1									2					14	144.5	2.3	1.2
29	3		4		1							2	1	1	2		10	115	**4.6**	
30	6	9	6														3	281.5	3.9	
31	7	2	4									1		1			9	172.5	4.3	
Total	51	60	80	35	12	18	22	15	5	1	8	23	19	27	14	17	337	4,021	90.8	37.8
Mean	1.6	1.9	2.6	1.1	0.4	0.6	0.7	0.5	0.2	**0**	0.3	0.7	0.6	0.9	0.5	0.5	**10.9**	129.7	2.9	1.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	761. 85	8. 30a.	30. 9	1. 35p.	93	21. 7	758. 91	4. 00p.	20. 7	5. 35a.	66	16. 5
2	62. 15	9. 15a.	31	3. 10p.	93	20. 6	59. 05	3. 15p.	20. 7	3. 10a.	64. 5	16. 5
3	63. 15	8. 55a.	31	2. 50p.	95	20. 4	60. 72	3. 00p.	19. 9	4. 35a.	61	15. 9
4	64	8. 25a.	31. 2	11. 45a.	91	20. 7	61. 65	2. 40p.	**19.8**	5. 15a.	64	**15.4**
5	64. 10	9. 25a.	29. 4	11. 35a.	92	21. 7	61. 70	3. 30p.	21. 9	5. 40a.	70	17. 2
6	64. 05	9. 15a.	30. 5	0. 45p.	91	22. 3	61. 05	2. 45p.	20. 8	4. 40a.	66	17
7	63. 44	9. 00a.	32. 6	2. 55p.	96	19. 6	60. 30	3. 15p.	21	5. 40a.	51	16. 1
8	62. 14	9. 00a.	29. 7	3. 30p.	91	21. 9	59. 60	3. 25p.	21	5. 35a.	63	17. 3
9	62. 70	10. 25a.	29. 6	0. 35p.	90	21. 3	60. 20	3. 00p.	21. 1	11. 55p.	67	17. 3
10	63. 13	9. 00a.	31. 5	0. 15p.	93	20. 3	60. 25	3. 30p.	20. 7	4. 05a.	57	16. 7
11	62. 30	0. 05a.	32. 4	2. 05p.	92	21. 8	58. 70	3. 25p.	19. 9	4. 15a.	56	16. 4
12	62	9. 10a.	**33.2**	0. 05p.	94	20	57. 95	3. 10p.	20. 7	5. 55a.	**48**	16. 9
13	61. 80	9. 15a.	31. 1	3. 25p.	94	21. 8	59. 10	2. 45p.	21. 6	5. 50a.	67	17. 9
14	61. 25	8. 50p.	30. 9	2. 20p.	92	19. 8	58. 60	2. 30p.	19. 9	5. 50a.	60	16. 5
15	**60.80**	9. 30p.	30. 9	2. 45p.	94	22. 5	58. 20	3. 05p.	21. 7	5. 35a.	67	18. 2
16	61. 65	8. 00a.	30. 7	0. 05p.	96	**23.6**	59. 20	3. 10p.	**22.6**	11. 55p.	70	**19.2**
17	62. 15	9. 15a.	32. 2	1. 35p.	96	19. 7	59. 55	2. 35p.	20. 6	6. 20a.	55. 5	17. 7
18	62. 80	8. 55p.	**26.5**	9. 45a.	95	21. 6	60. 25	3. 45a.	**22.6**	4. 10a.	**81**	18. 6
19	63. 75	10. 25p.	30	2. 20p.	92	21. 2	60. 50	3. 00p.	22. 2	6. 45a.	68	18. 2
20	64	8. 40a.	30. 9	1. 40p.	94	21. 2	60. 60	2. 10p.	22	Midnight.	69	17. 4
21	63. 05	8. 35a.	30. 1	11. 40a.	93	21. 1	59. 55	2. 50p.	20. 3	6. 05a.	67	16. 6
22	61. 40	8. 25a.	31. 7	3. 30p.	89. 5	22	58	3. 55p.	21. 8	5. 20a.	63. 5	17. 6
23	61. 60	9. 35a.	30. 4	0. 25p.	93	22. 8	58. 85	3. 05p.	22. 3	5. 40a.	70	19
24	61. 75	8. 35a.	30. 2	0. 05p.	91	20. 8	58. 65	3. 30p.	21. 8	Midnight.	68	16. 6
25	61. 40	9. 05a.	31. 5	1. 35p.	92	20. 7	58. 43	3. 00p.	21. 2	1. 15a.	58	16. 6
26	61	9. 35a.	31. 1	2. 20p.	**97**	22. 9	**57.50**	4. 25p.	22. 2	5. 35a.	67	18. 7
27	61. 30	10. 30p.	30. 8	1. 15p.	**88**	21. 5	58. 50	3. 05p.	22. 5	6. 20a.	60	17. 2
28	62. 30	9. 00a.	29. 2	11. 20a.	93	20. 6	59. 85	2. 55p.	21. 7	5. 55a.	72	17. 1
29	64	8. 45a.	31. 1	2. 50p.	93	19	60. 55	2. 20p.	21. 4	6. 25a.	60	17. 5
30	65. 05	9. 05p.	29. 4	0. 15p.	90	18. 8	**62.80**	2. 30p.	21. 6	11. 25p.	63	17. 2
31	**65.90**	10. 00p.	30	11. 30a.	93	**18.7**	**62.80**	3. 15p.	20. 8	4. 55a.	60	15. 9
Mean	762. 64	--------	30. 7	--------	92. 8	21. 1	759. 73	--------	21. 3	--------	63. 9	17. 2

DAILY GENERAL REMARKS.

1----Fair weather.
2----As yesterday.
3----Cloudy.
4----d° in the afternoon.
5----● in the afternoon.
6---- p in the afternoon.
7----Cloudy.
8----● in the forenoon.
9----d in the forenoon; ●° in the afternoon.
10----p 1.20 p. m.
11----● 6.25 a. m.
12----Fair weather.
13----p° 11.50 a. m., p 1.10 p. m.
14----Overcast.
15----●° in the afternoon.
16----● in the forenoon and afternoon.
17----Overcast.
18----● in the early morning and afternoon.
19----Overcast.
20----d° in the morning.
21----∞ in the forenoon.
22----T° NE quadrant in the afternoon.
23----●° in the afternoon.
24----d° in the afternoon.
25----Somewhat gusty NE winds, convergence of Ci. toward SE in the afternoon.
26----Cloudy.
27----●° in the evening.
28----●° in the early morning and afternoon.
29----Cloudy.
30----Overcast.
31----As yesterday.

GENERAL SUMMARY FOR 1913.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1913 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1913.	Normal, 1885–1913.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	761. 67	761. 09	+0. 58	763. 11	760. 15	765. 95	31	757. 70	9	8. 25
February	61. 42	61. 29	+ . 13	62. 94	59. 66	66. 23	1	56. 75	23	9. 48
March	59. 59	60. 51	— . 92	61. 16	57. 73	62. 99	28	55. 60	9	7. 39
April	59. 07	59. 38	— . 31	60. 51	57. 17	61. 85	1	55. 30	30	6. 55
May	58. 27	58. 37	— . 10	59. 65	56. 65	61. 05	18	54. 85	6, 7	6. 20
June	58. 65	57. 97	+ . 68	60. 07	56. 82	62. 15	28	54. 13	5	8. 02
July	56. 26	57. 25	— . 99	57. 76	54. 83	60. 55	2	49. 15	29	11. 40
August	56. 93	57. 32	— . 39	58. 39	55. 55	60. 50	18	51. 50	16	9
September	57. 67	57. 45	+ . 22	59. 23	56. 11	61. 10	27	49. 60	3	11. 50
October	58. 51	58. 65	— . 14	59. 89	56. 89	62. 70	29	50. 40	13	12. 30
November	61. 04	59. 42	+1. 62	62. 41	59. 59	64. 50	20	56. 75	27	7. 75
December	61. 32	60. 49	+ . 83	62. 64	59. 73	65. 90	31	57. 50	26	8. 40
Year	759. 20	759. 10	+0. 10	760. 65	757. 57	766. 23	II 1	749. 15	VII 29	17. 08

Month.	Temperature in shade.									
	Mean, 1913.	Normal, 1885–1913.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	24. 7	24. 9	—0. 2	30. 1	21. 1	31. 5	15, 22	18. 6	29, 30	12. 9
February	25	25. 3	— . 3	31. 6	20	33. 4	16	17. 8	25	15. 6
March	26. 5	26. 6	— . 1	33. 4	21	35. 2	18	18. 9	3	16. 3
April	27. 1	28. 1	—1	33. 9	21. 8	35. 2	10, 14	17. 2	2	18
May	27. 4	28. 4	—1	33. 4	23. 3	35. 4	18, 28	20	22	15. 4
June	27. 8	27. 9	— . 1	34. 2	23. 7	36. 5	4	22. 6	1	13. 9
July	26. 5	27	— . 5	30. 9	23. 8	34. 8	1	22. 8	27	12
August	26. 3	27	— . 7	30. 9	23. 7	32. 9	18	22. 3	30	10. 6
September	26. 7	26. 9	— . 2	31. 3	23. 6	33	22, 23, 30	21. 2	29	11. 8
October	26. 1	26. 7	— . 6	31. 4	22. 6	33. 5	2	19. 5	26	14
November	25. 1	25. 9	— . 8	30. 7	21. 4	33. 7	9	18. 1	15	15. 6
December	25	25. 1	— . 1	30. 7	21. 3	33. 2	12	19. 8	4	13. 4
Year	26. 2	26. 7	—0. 5	31. 9	22. 3	36. 5	VI 4	17. 2	IV 2	19. 3

Month.	Relative humidity.									
	Mean, 1913.	Normal, 1885–1913.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	82. 7	78. 1	+4. 6	95. 6	65. 8	100	1, 2	55	28	45
February	74	73. 9	+ . 1	90. 9	54. 6	97	13	44	19	53
March	70. 4	71. 6	—1. 2	87. 3	50. 1	99	5	30	20	69
April	70	69. 7	+ . 3	85. 2	50. 6	99	19	39	5	60
May	77. 4	76. 1	+1. 3	90. 7	60. 2	98	8, 9	45	28	53
June	79. 9	80. 9	—1	93. 8	59. 6	100	10	48	4	52
July	86. 6	84. 8	+1. 8	95. 9	73. 6	99	14, 21	56	1	43
August	87	85	+2	96. 2	75	99	1, 5, 14	68	17	31
September	85. 4	85. 6	— . 2	95. 4	71. 9	100	10	60	21	40
October	83. 4	83. 6	— . 2	94. 9	67. 4	99	29	57	26	42
November	81. 7	82. 4	— . 7	94. 1	64	98	1, 4	40. 5	14	57. 5
December	80. 9	81. 1	— . 2	92. 8	63. 9	97	26	48	12	49
Year	80	79. 4	+0. 6	92. 7	63. 1	100	I 1, 2; VI 10; IX 10	30	III 20	70

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1913.	Normal, 1885-1913.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	19	18.2	+0.8	20.5	17.5	22.3	9	13.4	28	8.9
February	17.2	17.5	—.3	18.9	15.6	20.8	10	13.9	25	6.9
March	17.8	18.2	—.4	20	15.6	22.7	6	10.3	20	12.4
April	18.4	19.4	—1	20.5	16.4	23.5	16	12.1	5	11.4
May	20.8	21.7	—.9	23	18.6	25	15	14.1	22	10.9
June	21.9	22.4	—.5	24.1	19.7	25.7	10	16.5	2	9.2
July	22.1	22.4	—.3	23.7	20.5	25.7	4	18.8	1	6.9
August	22.1	22.4	—.3	23.8	20.4	25.4	10, 18, 24	17.7	31	7.7
September	22.1	22.4	—.3	24.1	19.9	25.4	20	16.8	29	8.6
October	20.8	21.7	—.9	22.9	18.7	25.2	9	14.9	25	10.3
November	19.2	20.3	—1.1	21.3	17.2	25.6	6	12	14	13.6
December	18.9	19.2	—.3	21.1	17.2	23.6	16	15.4	4	8.2
Year	20	20.5	—0.5	22	18.1	25.7	VI 10; VII 4	10.3	III 20	15.4

Month.	Relative frequency of the wind from—											
	NNE-E.			ESE-S.			SSW-W.			WNW-N.		
	Mean, 1913.	Normal, 1885-1913	Departure.	Mean, 1913.	Normal, 1885-1913	Departure.	Mean 1913.	Normal, 1885-1913	Departure.	Mean, 1913.	Normal, 1885-1913	Departure.
January	6	7.8	—1.8	2	3.5	—1.5	2	3.3	—1.3	4	3.8	+0.2
February	6	7.5	—1.5	8	5	+3	2	3.6	—1.6	3	2.9	+.1
March	5	7	—2	8	7.3	+.7	3	3.4	—.4	3	2	+1
April	6	5.8	+.2	8	8.2	—.2	3	3.8	—.8	2	1.8	+.2
May	5	4.9	+.1	4	5.4	—1.4	5	6.1	—1.1	3	2.4	+.6
June	4	4.3	—.3	7	4.9	+2.1	5	7.6	—2.6	2	2.4	—.4
July	2	3.1	—1.1	3	3.8	—.8	12	10	+2	3	2.6	+.4
August	0	2.6	—2.6	3	2.9	+.1	13	11.7	+1.3	1	2.3	—1.3
September	2	3.2	—1.2	2	3.4	—1.4	11	9.8	+1.2	3	2.4	+.6
October	3	5.6	—2.6	2	3.1	—1.1	5	5.4	—.4	3	3.2	—.2
November	6	7.5	—1.5	1	2.6	—1.6	2	3.1	—1.1	3	4.4	—1.4
December	6	8.2	—2.2	2	2.2	—.2	2	2.6	—.6	4	4.6	—.6
Year	4.2	5.6	—1.4	4.2	4.4	—0.2	5.4	5.9	—0.5	2.8	2.9	—0.1

Month.	Velocity of the wind.										
	Mean, 1913.	Total, 1913.	Normal, 1885-1913.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	108.5	3,363.5	5,137.5	—1,774	201.5	18	44	8	157.5	21	26, 5- 6 p. 31, 2- 3 p.
February	173.9	4,868	5,394.4	— 526.4	287	23	106.5	10	180.5	30	23, 3- 4 p.
March	187.9	5,823.5	6,860.6	—1,037.1	305.5	16	74	1	231.5	30	19, 3- 4 p.
April	202	6,007.5	6,991.9	— 984.4	272	1	132	12	140	29	1, 1- 2 p. 9, 2- 3 p.
May	193.6	6,001.5	6,882.4	— 880.9	382	6	105.5	29	276.5	34	6, 1- 2 p.
June	189.7	5,690.5	6,815.6	—1,125.1	265.5	22	98.5	25	167	29	14, 4- 5 p.
July	334.6	10,374	8,511.3	+1,862.7	1,048	29	92	2	956	69	29, 10-11 a.
August	285	8,833.5	9,003.2	— 169.7	532.5	10	94	18	438.5	46	16, 5- 6 a.
September	288.8	8,664.5	8,256.2	+ 408.3	861	4	85.5	24	775.5	50	3, 7- 8 p.
October	133.9	4,152	5,334.2	—1,182.2	484	14	45	29	439	50	13, 10-11 a.
November	122.2	3,667.5	4,823.5	—1,156	246.5	25	72.5	4	174	29	24, noon-1p.
December	129.7	4,021	4,745.6	— 724.6	356	27	45.5	18	310.5	26.5	25, 1- 2 p.
Year	195.8	71,467	78,756.4	—7,289.4	1,048	VII 29	44	I 8	1,004	69	VII 29, 10-11a.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.											Amount of clouds.		
	Mean, 1913.		Total, 1913.		Normal, 1890–1913.		Departure.		Maximum.		Day.	Mean, 1913.	Normal, 1885–1913.	Departure.
	h.	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*		*0-10.*	*0-10.*	*0-10.*
January	4	32	140	30	191	54	— 51	24	8	10	13, 20	6.8	5.3	+1.5
February	6	07	171	10	198	53	— 27	43	9	50	23	5.7	4.9	+ .8
March	7	12	223	15	228	27	— 5	12	9	45	24	5.2	4.5	+ .7
April	7	57	238	25	262	26	— 24	01	10	50	20	5.3	4.1	+1.2
May	6	28	200	30	231	46	— 31	16	11	10	13	6.1	5.7	+ .4
June	6	10	185	10	174	13	+ 10	57	9	15	22	6.7	6.9	— .2
July	2	46	85	40	146	46	— 61	06	8	30	8	8.7	7.8	+ .9
August	3	19	102	45	141	54	— 39	09	9	15	30	8.5	7.9	+ .6
September	4	28	133	55	136	47	— 2	52	10	45	30	7.4	7.7	— .3
October	6	11	191	30	170	12	+ 21	18	10	05	17	6.5	6.7	— .2
November	4	39	139	35	161	29	— 21	54	9	20	9	6.8	6.4	+ .4
December	4	13	130	35	157	35	— 27	00	8	35	3, 26	7.1	6.1	+1
Year	5	20	1,943	00	2,202	24	—259	24	11	10	V 13	6.73	6.16	+0.57

Month.	Rainfall.									
	Total, 1913.	Normal, 1865–1913.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1913.	Normal, 1886–1913	Departure.
	mm.	*mm.*	*mm.*	*mm.*		*mm.*				
January	65	27.8	+ 37.2	33.3	1	7.9	25, 3- 4p.	10	5	+ 5
February	0	10.5	— 10.5	0	0	0		0	3	— 3
March	15.8	18.4	— 2.6	12.2	5	12.2	5, 3- 4p.	4	3	+ 1
April	130.4	34.2	+ 96.2	48.3	14	46.5	14, 5- 6p.	5	4	+ 1
May	40.5	109.2	— 68.7	9.8	8	9.7	28, 8- 9p.	9	10	— 1
June	195.8	233.2	— 37.4	41.7	12	40.9	12, 7- 8p.	14	16	— 2
July	570.6	402	+ 168.6	83.7	20	30.7	20, 7- 8p.	26	21	+ 5
August	349.1	359	— 9.9	56.1	1	29.7	19, 8- 9p.	28	21	+ 7
September	365.5	359.8	+ 5.7	128.2	10	30.5	10, 2- 3p.	20	20	0
October	119.7	187.2	— 67.5	48.5	14	17.3	4, 11-noon.	13	16	— 3
November	31.1	128.9	— 97.8	6.7	20	4.6	20, 8- 9a.	12	12	0
December	37.8	59.9	— 22.1	12.2	18	4.6	16, 2- 3p.	12	9	+ 3
Year	1,921.3	1,930.1	— 8.8	128.2	IX 10	46.5	IV 14, 5- 6p.	153	140	+13

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ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1913

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1913

MANILA
BUREAU OF PRINTING
1915

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TABLE OF CONTENTS.

PART III.

Page.

Introduction 5

First and second class stations:

- Tagbilaran (II) 9
- Surigao (II) 21
- Cebu (I) 33
- Iloilo (I) 45
- Ormoc (I) 57
- Tacloban (II) 69
- Capiz (II) 81
- Calbayog (II) 93
- Legaspi (I) 105
- Atimonan (I) 117
- Ambulong, Tanauan (II) March to December 129
- Paracale (II) 139
- San Isidro (II) 151
- Dagupan (I) 163
- Bolinao (II) 175
- Baguio (I) 187
- Vigan (II) 199
- Tuguegarao (II) 211
- Aparri (I) 223

Third class and rain stations:

- Jolo (III) 237
- Zamboanga (III) 240
- Davao (III) 243
- Cotabato (III) 246
- Cagayan (III) January to October 249
- Butuan (III) 252
- Dumaguete (III) 255
- Yap (III) 258
- Maasin (III) 261
- San Jose Buenavista (III) 264
- Cuyo (III) 267
- Borongan (III) 270
- Masbate (R) 273
- Romblon (III) 276
- Laoang (III) January and February 279
- Batag (R) March to December 280
- Gubat (R) 283
- Sumay (III) 286
- Calapan (III) 289
- Virac (III) 292
- Nueva Caceres (III) 295
- Batangas (III) 298
- Santa Cruz (III) 301
- Antipolo (R) 304
- Iba (III) 307
- San Fernando (III) 310
- Echagüe (III) 313
- Candon (R) 316
- Laoag (III) 319
- Santo Domingo (III) 322

Annual summaries for first and second class station 1913 325

INTRODUCTION.

In this volume (Part III) of the report of the Weather Bureau for 1913 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The report of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Jolo	Moro	Jolo	6	03	121	00	Rufino de la Cruz	III
Zamboanga	do	Mindanao	6	54	122	05	Francisco Ventus	III
Davao	do	do	7	01	125	35	Lamberto Garcia	III
Cotabato	do	do	7	13	124	15	Patricio Yabao Doroteo Eusebio	III
Cagayan	Misamis	do	8	29	124	38	Dolorito Contreras	III
Butuan	Agusan	do	8	56	125	32	Generoso Copin	III
Dumaguete	Oriental Negros	Negros	9	18	123	19	Matias G. Ordiales	III
Yap	Western Carolines	Yap	9	29	138	08	Prudencio Z. Urbiztondo	III
Tagbilaran	Bohol	Bohol	9	38	123	51	Francisco Burgos	II
Surigao	Surigao	Mindanao	9	48	125	29	Jose Saez Leoncio Santos	II
Maasin	Leyte	Leyte	10	08	124	50	Aguedo Espina	III
Cebu	Cebu	Cebu	10	18	123	54	Domingo de los Angeles	I
Iloilo	Iloilo	Panay	10	42	122	34	Ricardo A. Luna	I
San Jose Buenavista	Antique	do	10	44	121	55	Teodoro Peñeiro	III
Cuyo	Palawan	Cuyo	10	51	121	01	Román Kabigting	III
Ormoc	Leyte	Leyte	11	00	124	36	Pedro Baltasar	I
Tacloban	do	do	11	15	125	00	Perfecto Paulino	II
Capiz	Capiz	Panay	11	35	122	45	Juan Lugod	II
Borongan	Samar	Samar	11	37	125	26	Cesareo Montes	III
Calbayog	do	do	12	04	124	36	Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12	22	123	36	H. L. Heath	IV
Romblon	Capiz	Romblon	12	35	122	16	Pedro M. Asturias	III
Laoang	Samar	Laoang	12	35	125	01	Serafin Alzaga	III
Batag	do	Batag	12	40	125	04	Placido A. Edroso	IV
Gubat	Sorsogon	Luzon	12	55	124	08	Victorio Ramos	IV
Legaspi	Albay	do	13	09	123	45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13	24	144	38	Herbert Tailor	III
Calapan	Mindoro	Mindoro	13	25	121	11	Aquilino Nokom	III
Virac	Albay	Catanduanes	13	35	124	14	Eusebio Talion	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Nueva Caceres	Ambos Camarines	Luzon	13	37	123	11	Eduardo Ontengco	III
Batangas	Batangas	do	13	45	121	03	Enrico Cabral	III
Atimonan	Tayabas	do	14	00	121	55	Leon G. Guinto	I
Ambulong, Tanawan	Batangas	do	14	07	121	04	Gregorio Peralta	II
Paracale	Ambos Camarines	do	14	17	122	47	Benito Pelaez	II
Santa Cruz	Laguna	do	14	18	121	25	Santiago Villaflor	III
Antipolo	Rizal	do	14	36	121	10	Valeriano Garcia	IV
Iba	Zambales	do	15	20	119	58	Deogracias Tablan	III
San Isidro	Nueva Ecija	do	15	22	120	53	Bernardo Pecache	II
Dagupan	Pangasinan	do	16	03	120	20	Jose M. Sison	I
Bolinao	do	do	16	24	119	53	Ezequiel Reinoso	II
Baguio	Mountain	do	16	25	120	36	Leoncio Santos Pastor P. Daroy	I
San Fernando	Union	do	16	37	120	19	Godofredo Resurreccion Joaquin Ortiz	III
Echagüe	Isabela	do	16	41	121	39	Benito Maramba	III
Candon	Ilocos Sur	do	17	12	120	26	Luis Quismorio	IV
Vigan	do	do	17	34	120	23	Joaquin S. Gallego	II
Tuguegarao	Cagayan	do	17	36	121	40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18	12	120	35	Joaquin Ortiz Jose Saez	III
Aparri	Cagayan	do	18	22	121	38	Manuel Delgado	I
Santo Domingo	Batanes	Batan	20	28	121	59	Claudio Castillejos	III

REMARKS.

The hours of observations at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0° C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. =Cirrus.
Ci.-S. =Cirro-stratus.
Ci.-Cu. =Cirro-cumulus.
A.-Cu. =Alto-cumulus.
A.-S. =Alto-stratus.
S.-Cu. =Strato-cumulus.
N. =Nimbus.
Cu. =Cumulus.

Cu.-N. =Cumulo-nimbus.
S. =Stratus.
Fr.-Cu. =Fracto-cumulus
Fr.-N. =Fracto-nimbus.
Fr.-S. =Fracto-stratus.
S.-cf. =Stratus-cumuliformis.
N.-cf. =Nimbus-cumuliformis.
M.-Cu. =Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1913.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.29	59.57	59.86	58.02	58.71	59.46	23.8	23.6	29	27.9	26	24.5	31.3	23	89	90	70	79	82	90	------
2	58.46	58.67	59	56.50	57.45	58.73	23.9	23	29.3	30	25	23.4	32.3	21.8	91	95	66	64	82	90	------
3	58.18	58.45	59.26	57.39	58.16	59.40	21.3	21.9	29.2	27.4	25.8	24.5	32.6	20.7	94	90	66	84	82	90	------
4	58.56	59.06	60.26	57.67	58.90	59.90	24.3	23.9	29.6	31.9	26.9	25.2	32.9	23.5	91	95	70	61	83	88	1.5
5	59.03	59.23	59.39	57.01	58.31	59.56	23.3	22.9	31.3	31.6	26.4	25.3	33.9	22.3	94	94	55	46	73	75	------
6	58.79	58.89	59.03	56.78	57.39	58.31	24	22.8	30.2	29.5	26.9	25.8	31.3	22.2	85	89	64	70	76	78	2.5
7	58.05	58.37	59.02	56.81	57.87	59.22	24.9	23.9	28.2	26.2	24.8	24.1	30	23.3	84	91	74	87	90	89	18.8
8	58.88	58.96	59.31	57.59	58.90	59.61	24	23	29.5	29.4	26	24.8	30.9	22.4	89	94	68	72	82	88	------
9	58.44	58.52	59.04	57.04	58.01	58.27	24.1	23.9	28.4	29.3	27.2	24.9	31.6	23.2	94	94	75	74	89	93	1.5
10	58.31	58.72	59.18	56.83	57.85	59	24.4	24.3	31	31.4	27	23	33.5	21.2	94	94	63	56	80	90	------
11	58.70	59.60	60.19	58.03	58.66	59.47	21.4	21.8	29.4	30.4	26.3	23.3	31.3	20.2	87	93	62	64	77	82	------
12	59.19	59.89	60.30	57.81	59.44	60.48	22	21.2	29.4	30.4	25.6	22.2	32.4	20.4	89	91	57	54	70	89	------
13	60.39	61.08	61.09	58.71	59.59	60.27	21.7	20.6	29.1	29.5	26.6	23.4	32.3	19.8	90	88	52	63	78	88	------
14	59.92	60.44	61.40	59.56	60.42	61.50	22.4	22.6	26.6	29	25.9	22	30.6	21.4	89	91	80	68	84	82	------
15	60.89	61.50	62.12	60.05	61.08	62.26	21.9	21.7	29.1	29	26.5	23.1	31.4	20.8	94	96	65	71	80	82	------
16	61.76	62.57	62.73	60.34	61.26	61.55	21.3	21.2	30.9	28.9	25.6	22.5	31.8	20.6	92	91	56	67	81	89	------
17	61.46	61.57	61.97	59.68	60.20	61.08	20.4	20.7	29.6	29.9	25.5	22.2	31.3	19.4	94	94	58	60	81	91	------
18	61.35	61.80	62.05	59.46	60.67	62.17	21.5	21	29	29	26	23.2	30.6	20.2	94	93	66	64	80	88	------
19	61.03	61.23	61.90	59.88	60.62	61.61	23	21.8	29.3	28	26	22.8	31.7	21.3	86	95	61	73	82	91	------
20	61.81	62.30	62.49	59.93	60.33	61.34	22.3	21.6	30.4	30.4	27.1	23.5	31.9	20.5	94	95	59	55	72	85	------
21	61.61	61.73	62.35	60.28	60.68	61.06	22.5	21.1	29.6	30	27.4	24.9	31.7	20.4	92	95	64	67	74	87	------
22	60.87	61.85	62.18	60.58	60.87	61.54	23.5	23.1	29.8	30.5	26.5	23.2	32.2	22	92	91	65	62	81	88	------
23	61.27	62.16	62.21	59.94	60.93	61.46	22.4	21.5	31.2	31.8	27.4	23.2	32.7	21.2	88	94	53	59	68	86	------
24	61.46	61.88	62.03	60.12	60.77	61.66	20.8	21.7	30.4	27.6	25.7	22.9	31.8	20.1	93	92	54	77	78	90	------
25	61.66	62.25	62.56	60.28	61.78	62.62	21.9	22	30.7	31	26.8	24.4	33.6	20.6	87	89	57	52	68	85	------
26	62.12	63.11	63.73	61.13	61.80	62.75	22	21.3	26.5	27.6	25.2	22.3	31.7	21	89	91	71	67	79	93	------
27	62.26	62.97	62.80	60.53	61.61	62.70	21.8	21.7	30.1	29.8	26.2	23.8	32.3	21	93	93	54	52	67	80	------
28	61.62	62.10	62.64	60.93	61.76	62.92	22.3	22.5	27.2	24.6	24.1	23	29.6	21.6	94	96	71	90	86	94	1.3
29	61.96	62.56	62.78	60.80	61.34	62.59	22	21.6	26.5	26.5	24.8	24.2	27.9	20.9	93	93	77	80	85	88	2.8
30	62.33	62.71	63.23	61.05	61.57	63.21	22.8	23	27.2	27.9	24.5	23.9	29.6	22.1	93	93	74	75	84	87	------
31	62.44	63.05	63.21	61.24	61.92	62.67	23	20.9	27.5	25.3	24.5	22.9	30	20.5	91	94	72	90	86	89	1.8
Mean	60.39	60.86	61.27	59.10	59.96	60.92	22.6	22.2	29.2	29.1	26	23.6	31.6	21.3	90.9	92.7	64.5	67.8	79.4	87.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	30.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	ENE	2	NE	1	NE	2	NE	1	1	Ci.	Cu.	9	Ci.-S.	Cu. E
2	Calm	----	Calm	----	E	2	SE	1	Calm	----	NNE	1	1	Ci.	Cu.	9	Ci.-S.	Cu. SSE
3	Calm	----	E	1	ENE	1	NE	1	NE	2	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu. E
4	Calm	----	Calm	----	E	2	ENE	1	Calm	----	Calm	----	4	Ci.	Cu.	5	Ci.	Cu. E
5	Calm	----	Calm	----	E	2	E	4	Calm	----	E	2	2	Ci.	Cu.	2	Ci.	Cu. SE
6	E	2	SE	1	E	3	ESE	1	E	1	Calm	----	4	Ci.-S.	Cu.	5	Ci.-S.	Cu. SE
7	Calm	----	SE	1	NNE	3	NE	1	NE	2	Calm	----	10	Ci.-S.	Cu.	10	----------	N. E
8	Calm	----	Calm	----	E	1	NE	1	Calm	----	Calm	----	5	Ci.-S.	Cu.	7	Ci.-S.	Fr.-Cu. E
9	Calm	----	E	2	E	1	NNE	1	E	2	Calm	----	6	Ci.-S.	Cu.	7	Ci.	Cu. E
10	Calm	----	E	1	E	3	E	5	Calm	----	Calm	----	3	Ci.	Cu. SE	3	Ci.	Cu. SE
11	Calm	----	SE	2	E	2	SE	2	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. SSE
12	Calm	----	SE	2	SE	3	SE	4	SE	1	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu.SSE
13	Calm	----	E	1	E	5	ESE	5	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu.SE
14	Calm	----	SE	2	SE	2	SE	2	Calm	----	SE	1	1	Ci.	Cu.	6	Ci.	Cu. SSE
15	Calm	----	SE	2	SE	5	SE	4	Calm	----	Calm	----	2	Ci.	Fr.-Cu. SSE	6	Ci.-S.	Cu. SSE
16	Calm	----	E	2	SE	3	E	2	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.-S.	Cu. SE
17	Calm	----	E	1	SE	3	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Fr.-Cu.SSE
18	Calm	----	ESE	1	E	2	E	3	SE	5	Calm	----	7	Ci.-S.	Cu.	2	Ci.-S.	Cu. SE
19	Calm	----	Calm	----	SE	2	SE	5	SE	1	Calm	----	4	Ci.-S.	Cu.	9	Ci.-S.	Cu. SSE
20	Calm	----	E	2	SE	3	E	2	Calm	----	E	1	2	Ci.	Cu.	2	Ci.	Cu. SE
21	Calm	----	Calm	----	E	1	SE	4	SSE	2	Calm	----	1	Ci.	Cu.	3	Ci.	Cu.
22	Calm	----	Calm	----	SE	2	SE	5	Calm	----	SE	1	7	Ci.-S.	Cu.	2	Ci.	Cu. SSE
23	Calm	----	Calm	----	SE	3	SSE	3	SSE	1	Calm	----	1	Ci.	Cu.	5	Ci.-S.	Cu. SSE
24	Calm	----	E	1	E	4	E	2	NE	3	Calm	----	1	Ci.	Cu.	10	Ci.-S.	Fr.-N. SE
25	Calm	----	SE	2	E	4	NE	5	Calm	----	E	1	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
26	Calm	----	E	1	E	4	ESE	5	Calm	----	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu. SE
27	Calm	----	Calm	----	NE	5	E	5	E	4	E	4	4	Ci.-S.	Cu.	6	Ci.-S.	Cu. SE
28	Calm	----	Calm	----	NNE	6	NE	3	NE	5	NE	3	10	Ci.-S.	Fr.-N. SE	10	Ci.-S.	Fr.-N. E
29	NE	2	NE	3	NE	1	NNE	2	NNE	3	NNE	4	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-Cu. NE
30	Calm	----	E	1	E	1	E	2	E	4	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
31	Calm	----	Calm	----	NE	3	NE	2	Calm	----	NNE	3	3	Ci.	Cu.	10	Ci.-S.	Fr.-N. E
Mean	------	0.1	------	0.9	------	2.7	------	2.8	------	1.2	------	0.7	3.5	----------	----------	6	----------	----------

TAGBILARAN.

[$\phi=9°\ 38'$ N; $\lambda=123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.13	62.60	63.25	61.40	62.10	62.39	21.7	20.8	26	25.2	23.8	23.6	27	19.6	94	94	82	84	85	83	------
2	61.93	62.22	62.50	60.26	61.37	61.85	23.4	24	28.5	27.7	23.9	23.4	30.2	22.6	85	83	65	73	94	95	6.4
3	60.42	60.54	61.30	58.86	59.73	61.12	23	23.2	25.7	26.5	24	23	29.1	22.4	95	97	89	89	93	97	12.7
4	60.47	60.27	60.65	58.22	59.15	59.99	22.5	22.9	28.4	27.5	25.2	24	30.9	22	94	94	71	81	87	92	1.3
5	59.90	60.29	61.09	59.31	59.18	60.93	22.9	23	29.8	26.4	26.1	23.9	31	22.3	92	95	66	85	86	93	2.8
6	60.52	60.84	61.22	59.11	60.28	61.74	22.5	21.5	29.3	29.4	24.9	24	30.7	20.7	92	97	66	74	92	95	6.6
7	60.84	60.95	61.63	59.20	59.93	60.80	23.1	23	26.1	28.2	25.5	22.6	31.2	21	94	93	82	71	78	88	------
8	59.89	60.36	61.05	58.81	60	60.88	19.5	18.9	27.4	27.5	25.6	24	30.5	18.2	95	97	72	82	88	86	7.1
9	60.81	61.43	61.87	59.14	59.86	60.64	23.4	22.6	29.5	29.7	26.9	24.4	32.7	22.2	88	94	68	68	85	90	------
10	59.99	61.27	61.78	60.03	60.16	61.04	22	21.8	29.2	29	27	23	31.4	21.2	96	96	62	69	75	91	------
11	61.17	61.25	62.60	60.23	60.76	61.50	22.2	21.5	28.9	30.8	26.5	22.4	31.2	21.2	94	95	60	72	76	86	------
12	61.31	62.12	62.22	59.61	60.32	61.62	20	19.8	29.9	30	26.4	23.8	31.6	19	94	94	59	60	75	90	------
13	61.30	61.60	62.08	59.95	60.56	61.86	22.5	21.6	29.4	28.8	26	23.7	31.2	21	90	94	63	76	84	89	.8
14	62.11	63.02	63.53	61.75	62.55	63.81	23.5	23	28	27.5	25.8	25	31.4	22.6	90	93	71	77	82	77	------
15	62.45	62.54	63.60	61.33	62.20	63.56	23	22.7	28	30	26.5	23.5	31.6	21.7	91	89	68	64	79	82	------
16	63.08	63.70	64.53	61.62	61.78	62.61	21.6	21.1	29	29.6	26.4	22	32.5	20.7	91	92	64	62	82	93	------
17	61.62	61.65	62.38	59.78	60.85	61.67	21.8	21.6	28.8	31.2	26.6	23	33.2	20.8	93	93	58	50	65	82	------
18	60.84	60.85	61.18	58.98	59.06	60.01	21.3	22	30.4	30.4	27	24.6	34	20.7	88	84	49	57	74	72	------
19	59.44	59.76	60.55	58.36	59.49	59.97	22.9	23.6	27	28.2	24.5	23.6	30.5	22	89	86	72	83	89	95	------
20	58.87	58.87	59.51	57.09	58.01	59.31	23.2	24	28	29	26.7	24.8	30.7	22.5	91	91	74	71	74	87	------
21	58.38	58.86	59.51	57.24	58.28	60.10	23	22.4	29.5	30.9	26.5	24.8	32.4	22.2	94	96	67	60	79	87	------
22	58.63	58.65	59.35	57.13	57.65	58.83	23	22.4	29.3	30.6	26.5	24.1	32.3	22.2	91	95	68	63	71	78	------
23	58.28	58.89	59.85	56.88	57.84	58.92	23	22.5	31.2	29.6	26.4	23.5	32.4	22.2	90	92	64	75	81	92	------
24	58.29	58.81	59.01	57.26	58.21	59.37	23	23.7	29.1	31.4	27.1	25.3	32.7	22.8	88	84	68	66	83	83	------
25	59.20	59.61	60.38	58.45	58.71	59.82	24.5	24	29.2	29.4	27.4	24.1	32.2	22.5	87	90	69	70	78	89	------
26	59.54	59.47	59.88	57.99	58	59.49	22	21	29.2	29.4	26	22.4	31.2	20.5	93	96	68	75	85	91	------
27	59.05	59.33	60	57.36	57.76	59.02	22.2	22	28.6	27.4	25.5	24	30.3	21.3	95	96	75	83	91	89	------
28	58.51	58.61	59.65	57.71	58.37	59.90	23.4	23	28.9	29	27	24.8	31.3	22.8	95	98	74	70	78	88	.5
Mean	60.32	60.66	61.29	59.04	59.72	60.81	22.5	22.3	28.7	28.9	26	23.8	31.3	21.5	91.8	92.8	68.4	71.8	81.8	87.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	38.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	E	3	E	3	NE	4	N	3	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. SE
2	N	2	Calm	----	NE	4	NE	6	NE	1	Calm	----	5	Ci.-S.	Fr.-Cu. E	10	Ci.-S.	Fr.-Cu. E
3	Calm	----	Calm	----	E	1	E	1	NE	2	Calm	----	9	Ci.-S.	Cu. E	10	Ci.-S.	N. SE
4	Calm	----	E	1	NE	2	E	1	NNE	2	Calm	----	3	Ci.	Cu. SE	10	Ci.-S.	N. SE
5	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	5	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. E
6	Calm	----	Calm	----	E	1	E	3	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
7	Calm	----	SE	1	NE	3	NE	1	Calm	----	Calm	----	1	Ci.-S.	Cu. SE	9	Ci.-S.	Fr.-N. E
8	Calm	----	E	1	NE	2	NE	1	NE	1	Calm	----	1	Ci.	Cu.	5	Ci.-S.	Cu. E
9	Calm	----	E	1	E	2	SE	5	E	1	NE	1	9	Ci.-S.	Cu.	1	Ci.	Fr.-Cu. SSE
10	E	1	E	2	E	2	NE	2	NE	1	NNE	1	9	Ci.-S.	Cu. SE	2	Ci.	Fr.-Cu. E
11	Calm	----	Calm	----	NE	2	NE	2	NE	1	NNE	1	1	Ci.	Cu.	1	Ci.	Fr.-Cu. E
12	Calm	----	Calm	----	E	2	E	3	Calm	----	NE	1	1	Ci.	Cu.	2	Ci.	Fr.-Cu. ESE
13	NE	1	E	1	E	2	E	1	Calm	----	NNE	3	2	Ci.	Cu.	3	Ci.	Cu. SE
14	NNE	1	E	1	NE	2	E	4	E	2	Calm	----	10	Ci.-S.	Cu. SE	9	Ci.-S.	Cu. SE
15	Calm	----	NE	1	NE	2	E	3	NE	1	NE	1	5	Ci.-S.	Cu. E	5	Ci.-S.	Cu. SE
16	NE	1	E	1	E	2	E	2	Calm	----	NE	1	2	Ci.	Fr.-Cu. SE	5	Ci.	Cu. SE
17	Calm	----	Calm	----	NE	3	NE	3	NE	2	NE	1	4	Ci.	Cu.	3	Ci.	Cu. E
18	NNE	1	NNE	2	E	3	E	3	NNE	1	NNE	1	5	Ci.-S.	Cu. E	2	Ci.	Cu. SE
19	Calm	----	NE	1	E	2	E	2	NE	1	NE	1	8	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. SE
20	Calm	----	E	1	E	1	E	3	NE	2	NE	2	8	Ci.-S.	Cu. SE	5	Ci.	Cu. SE
21	Calm	----	Calm	----	NE	3	E	4	E	2	ENE	1	1	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
22	Calm	----	E	1	NE	3	E	3	NE	1	NE	2	1	Ci.	Cu.	2	Ci.	Cu. SE
23	E	1	E	1	E	3	E	4	E	2	Calm	----	2	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
24	Calm	----	E	1	E	2	E	2	Calm	----	Calm	----	6	Ci.-S.	Cu.	2	Ci.	Cu. SE
25	Calm	----	E	1	E	2	E	2	E	1	Calm	----	3	Ci.	Cu.	5	Ci.-S.	Cu. ESE
26	Calm	----	E	1	E	2	E	4	E	1	NE	1	3	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
27	Calm	----	Calm	----	E	1	E	3	NE	2	Calm	----	3	Ci.	Cu.	6	Ci.	Cu. ESE
28	Calm	----	E	1	E	2	E	2	E	2	E	1	7	Ci.-S.	Cu. ESE	3	Ci.	Fr.-Cu. SE
Mean	------	0.3	------	0.7	------	2.1	------	2.6	------	1.2	------	0.8	4.5	------	------	4.8	------	------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.80	60.21	61.18	58.89	59.20	60.97	24.1	23	29.4	26.4	25	24.1	31.4	22.8	91	97	68	82	82	87	------
2	60.72	60.84	60.87	58.19	58.72	60.04	22.6	22	31	30.9	26	23.3	32.9	21.2	95	96	60	62	78	90	------
3	59.23	59.32	60.50	57.84	58.04	59.85	21.5	21.6	31	31.7	27.5	25.5	32.8	20.4	88	93	60	62	75	82	------
4	59.55	59.84	60.10	57.37	58.29	59.66	24.7	22.2	29.4	31.5	27.4	23.4	33.3	21.9	87	95	63	58	78	90	------
5	59.32	59.52	60.01	57.64	58.06	59.03	22	22	29	29.5	27.5	24.4	31.8	21	92	89	74	66	78	87	------
6	58.62	59.10	59.43	57.34	58.25	60.03	23.2	22.1	30.3	31.2	27.4	24.9	33.1	20.9	90	90	63	68	92	87	------
7	58.72	58.93	59.70	57.55	57.84	59.12	24.4	23.9	28.2	27.6	26	24.1	30	22.8	91	96	74	83	88	89	------
8	57.85	58.04	58.80	56.35	57.42	58.17	22.5	22.6	29.9	29.4	24.3	24	31.4	22.1	96	97	71	72	96	98	9.9
9	57.52	57.63	58.20	56.05	56.66	57.45	22.9	22.4	28.4	30	26.8	24.8	31.9	22	97	98	80	73	92	97	------
10	57.44	58.06	59.08	57.40	57.87	59.14	23.1	23	28.5	28.2	27	23	30.2	21.7	96	97	73	84	83	95	26.2
11	58.90	59.10	59.58	57.55	58.19	59.02	22	21.6	29	29.4	27.8	24.5	31.4	20.9	95	96	76	69	78	90	------
12	58.92	59.22	59.87	57.32	57.66	59.19	24.3	23	29.8	30.5	27.9	25.9	81.4	22.6	91	95	71	68	81	95	------
13	58.05	58.86	59.53	57.36	58.09	59	24	23.1	30	30.3	27.9	25.9	31.9	22.7	96	96	70	71	87	78	------
14	59.07	59.58	60	57.53	58.79	60.07	24.1	24	30.2	26.4	26.9	24.4	32	23.2	93	93	75	90	90	97	4.6
15	59.54	59.66	59.93	57.28	57.71	59.62	24	23.9	29.4	31	27.7	24	32.3	22.8	92	92	71	73	85	88	------
16	59.33	59.54	59.89	57.40	58.01	59.81	22.4	22.4	29.9	28	26.6	25.2	32.3	22	98	98	75	77	90	92	5.3
17	58.52	59.43	60.33	57.77	58.01	59.40	24	22.7	28.2	30.9	27	24.5	31.8	22.3	94	94	72	62	84	87	------
18	58.91	59.12	59.87	57.68	58.10	59.23	24.1	23.2	81.2	30.4	27.2	23	33.5	22.7	88	88	60	66	79	95	------
19	58.76	58.57	59.50	57.40	58.46?	59.63	23.4	24.1	26.5	30.3	27	25.4	31.6	23	94	94	90	63	84	82	------
20	58.87	59.06	60.54	57.73	57.64	59.83	23	23.5	29.9	30.5	27.6	23	32.3	21.5	92	92	65	66	76	90	------
21	59.38	58.97	59.90	57.27	57.01	58.86	21.1	22	30	29.5	26.8	25.8	32.8	20.9	98	98	59	73	86	79	------
22	57.97	58.38	59.50	57.26	57.49	58.56	24.1	23.6	29.5	30	26	24.6	31.6	22.2	91	91	71	73	79	90	------
23	57.81	57.91	58.91	57.26	57.55	59.02	22.9	22.5	29.3	29.8	27.6	24.5	31.7	22.1	96	96	65	70	73	87	------
24	58.61	58.90	60.78	58.87	58.71	60.12	22.4	22	30	31.4	27.1	24	32.3	21.9	98	98	66	65	72	80	------
25	60.28	60.17	60.92	58.90	58.95	60.06	21.9	22	29.4	32	27.4	24.9	32.7	20.6	96	96	65	61	89	89	------
26	59.29	59.79	60.93	58.86	59.13	60.59	22.6	21.4	31.4	31.3	27	21.9	34.7	21.3	96	95	48	50	58	86	------
27	60.19	60.59	60.97	58.93	59.02	61.08	21.5	23.5	29.6	28.4	26.2	23.5	30.8	20.9	81	82	69	70	85	89	------
28	60.25	60.35	61.37	58.92	59.20	60.61	21.3	22.5	29.7	31	27.5	25	33.7	20.1	89	89	65	65	87	90	------
29	59.81	60.32	60.98	58.43	58.76	60.99	23.7	21.5	32	31.4	28.2	23.4	34.9	21.1	94	94	49	59	64	97	------
30	60.15	60.24	61.28	59	58.80	60.69	20.9	21	30.2	29.9	27.5	23	32.6	19.2	93	93	60	67	62	79	------
31	60.21	60.03	60.80	58.67	58.79	60.45	20.9	21.6	31.4	31	28	25.5	32.7	20.5	93	93	52	62	72	74	------
Mean	59.08	59.33	60.10	57.81	58.21	59.65	22.9	22.6	29.7	30	27	24.3	32.3	21.7	92.9	93.9	67.1	68.7	80.7	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	46

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	Calm	----	Calm	----	E	2	E	3	E	1	Calm	----	1	Ci.	Cu.	7	Ci.-S.	Fr.-N. SE
2	Calm	----	Calm	----	E	2	NE	1	NE	1	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. E
3	E	1	E	1	E	3	E	2	E	1	NNE	1	1	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
4	Calm	----	Calm	----	E	2	NE	2	Calm	----	E	1	5	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
5	Calm	----	Calm	----	E	3	E	3	E	1	Calm	----	1	Ci.	Cu.	6	Ci.-S.	Cu. SE
6	Calm	----	Calm	----	E	1	E	1	Calm	----	E	1	3	Ci.	Cu.	4	Ci.-S.	Cu. SSE
7	Calm	----	Calm	----	E	2	E	1	NE	1	Calm	----	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu. SE
8	Calm	----	E	1	E	2	E	2	NE	1	Calm	----	3	Ci. E	Cu. SE	6	Ci.-S.	Cu. SE
9	Calm	----	NNE	2	NE	2	E	1	NE	1	Calm	----	3	Ci.	Cu. NE	6	Ci.-S.	Cu. SE
10	Calm	----	Calm	----	NE	1	E	1	Calm	----	Calm	----	5	Ci.-S.	Cu. E	9	Ci.-S.	Fr.-N. ESE
11	Calm	----	NE	1	NE	1	NE	2	Calm	----	Calm	----	2	Ci.	Cu. ENE	5	Ci.	Cu. E
12	Calm	----	E	1	E	1	E	2	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
13	Calm	----	NNE	2	NE	3	E	5	Calm	----	Calm	----	4	A.-Cu. E	Cu.	3	Ci.	Cu. SE
14	Calm	----	Calm	----	SE	2	SSE	1	E	1	SE	2	5	Ci.-S.	Cu. E	8	Ci.	Fr.-Cu. S
15	Calm	----	Calm	----	SE	1	E	3	E	1	Calm	----	7	Ci.-S.	Cu. SSE	3	Ci.	Cu. SE
16	Calm	----	SE	1	E	2	E	2	SE	2	Calm	----	4	Ci.	Cu. SE	10	Ci.-S.	Cu. SE
17	Calm	----	SE	1	E	1	SE	5	SE	1	NE	2	7	Ci.	Cu. SE	3	Ci.	Fr.-Cu. SSE
18	Calm	----	E	2	E	4	E	5	E	2	NE	2	5	A.-Cu.	Cu. ESE	2	Ci.	Fr.-Cu. SE
19	NE	1	NE	2	E	1	E	2	NE	3	NE	2	5	Ci.-S.	Cu. E	3	Ci.-S.	Cu. SE
20	Calm	----	Calm	----	NE	2	E	2	NE	2	NE	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. SE
21	NE	2	NNE	1	NE	2	NE	3	NE	1	E	1	2	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
22	Calm	----	Calm	----	E	2	E	3	E	1	Calm	----	5	Ci.-S.	Cu. E	3	Ci.-S.	Cu. SE
23	Calm	----	NNE	1	NE	3	NE	2	SE	2	E	1	1	Ci.	Cu.	9	Ci.-S.	Fr.-N. E
24	Calm	----	E	1	E	3	SE	2	E	2	NE	2	2	Ci.	Cu.	1	Ci.	Fr.-Cu. SSE
25	Calm	----	Calm	----	E	3	E	4	Calm	----	E	2	4	Ci.-S.	Fr.-Cu. NE	3	Ci.	Cu. ESE
26	NNE	1	NNE	1	E	4	E	3	NE	2	NNE	1	1	Ci. E	Cu.	2	Ci.	Fr.-Cu. SSE
27	NNE	2	NE	1	E	1	E	3	Calm	----	NE	1	7	Ci.-S.	Cu.	9	Ci.-S.	Cu. SE
28	NNE	2	NNE	2	E	2	E	4	Calm	----	NNE	2	8	Ci.-S.	Cu.	3	Ci.	Cu. SE
29	Calm	----	NNE	1	NE	3	E	3	Calm	----	Calm	----	3	Ci.	Cu.	1	Ci.	Fr.-Cu. SE
30	Calm	----	Calm	----	NE	3	E	4	Calm	----	Calm	----	2	Ci.	Cu. E	5	Ci.	Cu. SE
31	NNE	2	NNE	1	NE	2	E	4	Calm	----	Calm	----	5	Ci.-S.	Cu.	2	Ci.	Cu. SE
Mean	-------	0.4	-------	0.7	-------	2.1	-------	2.6	-------	0.9	-------	0.7	3.9	-------	-------	4.7	-------	-------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.66	59.86	60.10	58.01	58.90	59.82	23.1	23.5	30.5	29.6	27.8	23.2	32.6	21.5	87	87	61	75	80	84	------
2	59.16	59.47	59.70	57.13	57.55	59.26	21	22.2	32.4	31.7	28.5	24	33.5	20.5	92	92	50	60	76	87	------
3	58.11	58.93	59.63	57.56	58.11	59.94	23	21.6	30	29.7	26.8	23.3	32.2	21.4	96	98	64	69	80	96	------
4	58.90	59.60	60.41	58.71	59.25	60.79	21.8	22.6	27	27.9	25	22.5	31	21.4	91	91	80	79	90	96	5.6
5	59.54	59.75	60.39	58.09	58.71	60.38	22.6	22	30	29.6	26.5	24.5	31.5	21.4	88	88	65	65	85	90	------
6	58.69	59.29	60.03	57.53	57.81	58.93	21.7	22.5	30.5	29	26.9	24	31.8	20.8	97	97	57	71	81	93	------
7	58.26	58.74	59.10	57.70	58.21	59.81	23.7	23.8	31.3	28.4	26.8	25	32.2	23.3	94	94	69	77	80	92	5.1
8	58.68	58.57	60	57.89	58.99	59.96	23.5	22	29	30.1	27	24	31.3	21.8	92	92	71	65	83	97	------
9	58.93	59.05	60.11	58.20	58.73	60.02	22.1	21.5	29.7	30.5	28	25.7	31.2	20.7	99	99	72	62	74	81	------
10	58.57	59.34	59.88	57.79	57.80	59.35	24.3	24.1	29.6	31.4	27.6	24.8	32.8	23.4	92	92	72	54	81	92	------
11	58.42	58.54	59.30	57.06	57.89	59.40	23.4	23.6	29.4	29.4	26.3	25.6	30.4	22.7	92	92	76	74	91	96	.5
12	58.27	58.78	59.67	57.54	58.24	59.95	24.5	24.4	30	30.6	27.5	26.4	32.4	24.2	99	99	74	72	90	95	------
13	59.06	59.58	60.66	57.72	58.72	60.43	25.4	24.8	30.4	27	26.9	25.1	31.9	24.5	99	99	76	89	90	94	2.3
14	59.40	59.88	60.92	58.46	59.84	60.48	24.8	23.7	29.4	30.3	25.7	24.2	32.2	23	100	100	76	71	99	99	3.6
15	59.07	59.38	60.13	57.74	58.90	60.12	23.1	23.8	28.9	27.4	27.1	26	29.7	22.7	98	98	83	91	90	94	------
16	58.71	58.93	59.34	56.85	57.96	59.93	24.2	24.4	30	30	27.8	25.6	30.9	23.5	97	97	73	75	86	82	------
17	59.03	59.42	60.31	57.44	58.53	60.12	24.9	24.2	29.5	30.2	28	25.6	30.8	23.7	98	98	79	75	77	93	------
18	59.21	59.53	60.75	58.18	58.21	60.18	24.2	24	28.8	30	27.1	24.3	30.4	23	98	98	83	77	83	87	4.3
19	59.17	59.19	59.60	57.50	58.50	60.04	22.6	23.2	29.9	31.5	28.6	25.6	33	22.1	98	98	76	66	71	81	------
20	59.43	59.62	60.33	58.37	58.48	60.61	23.7	23	30	31	28.3	25.3	32.3	22.9	97	97	70	65	74	84	------
21	59.07	59.59	60.51	58.63	58.43	60.18	23.8	24	30.6	30.8	28.2	24.6	33.2	23.1	95	95	65	65	80	90	1.3
22	59.87	59.78	59.78	57.77	58.09	59.03	23	22.5	32	31.2	29	24.3	33.8	22	99	99	53	66	75	91	------
23	58.54	58.46	59.07	56.89	57.02	58.37	22	22.7	30	27	26.9	25.6	32.6	21.3	97	97	62	92	79	84	8.6
24	57.07	57.37	57.92	55.68	56.10	57.94	23.9	24.3	30.7	30	28.8	25.6	33.3	23.4	91	91	56	65	65	82	------
25	57.50	57.71	57.93	55.87	56.99	57.91	24.3	23.4	29.4	31.4	28.4	25	32.8	23	92	92	70	70	69	88	.5
26	57.61	58.11	58.81	55.68	57.40	58.15	24.8	24.4	29.2	29.4	28	24.6	33.6	23.5	92	95	71	76	88	98	------
27	57.26	57.55	58.57	57	57.04	58.12	23.7	25	29.7	28.5	25.9	24.4	32.7	23.3	88	88	61	75	88	93	2
28	56.99	57.07	58	55.91	57.06	58.10	23.9	24.5	29.6	28.2	26.4	25	30.2	23.1	94	94	72	85	95	90	1.5
29	57.52	57.90	57.94	55.50	56.59	57.76	24.6	24	29.6	31	28.4	25.1	32.3	23.6	93	100	71	68	83	96	------
30	56.91	57.69	57.92	55.51	56.45	57.33	24.3	24.4	31.3	29.7	27.9	25.1	33.1	23.8	96	96	64	73	81	90	------
Mean	58.55	58.89	59.56	57.36	58.02	59.41	23.5	23.5	29.9	29.8	27.4	24.8	32.1	22.6	94.7	95.1	69.1	72.2	82.1	90.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	35.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	E	1	NNE	2	ENE	4	Calm	----	Calm	----	2	Ci.	Cu.	5	Ci.	Cu. E
2	E	2	E	1	E	3	E	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu. SE
3	Calm	----	SE	1	E	2	ESE	5	E	1	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. SE
4	SE	1	E	1	SE	3	E	2	SE	1	NE	2	5	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. SE
5	E	1	ESE	1	E	1	E	3	Calm	----	Calm	----	6	Ci.-Cu.	Cu.	3	Ci.	Cu. SE
6	Calm	----	Calm	----	SE	2	E	1	Calm	----	Calm	----	6	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
7	Calm	----	Calm	----	NE	2	E	2	Calm	----	Calm	----	4	Ci.	Cu.	10	Ci.-S.	Fr.-N. SE
8	Calm	----	Calm	----	E	2	E	2	E	1	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. SE
9	Calm	----	ESE	1	SE	1	SE	2	Calm	----	E	2	2	Ci.	Fr.-Cu. SE	5	Ci.-S.	Cu. SSE
10	Calm	----	Calm	----	E	1	NE	3	SE	1	Calm	----	9	Ci.-S.	Cu. SSE	9	Ci.-S.	Cu. E
11	Calm	----	Calm	----	SE	1	E	3	ESE	1	Calm	----	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu. SE
12	Calm	----	Calm	----	SSE	2	SE	2	NE	2	NE	1	6	Ci.	Cu. SE	4	Ci.	Cu. SSE
13	Calm	----	Calm	----	SSE	2	SE	1	Calm	----	Calm	----	8	Ci.-S.	Cu. SSE	9	Ci.-S.	Cu. S
14	SE	3	E	1	SE	2	SE	4	SE	1	Calm	----	3	Ci.	Cu.	5	Ci.-S.	Cu. SSE
15	Calm	----	Calm	----	E	3	ESE	2	SE	1	E	1	3	Ci.	Cu. E	6	Ci.-S.	Cu. SE
16	Calm	----	Calm	----	E	2	SE	4	SE	2	Calm	----	2	Ci.	Cu.	2	Ci.	Cu. SSE
17	Calm	----	Calm	----	SE	2	SE	2	Calm	----	Calm	----	10	Ci.-S.	Cu. SSE	5	Ci.-S.	Cu. SSE
18	Calm	----	Calm	----	SE	4	E	1	Calm	----	Calm	----	3	Ci.	Cu. SSE	5	Ci.-S.	Cu. SSE
19	Calm	----	E	1	SE	3	SE	3	NE	2	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. SSE
20	Calm	----	E	1	SE	3	E	2	E	1	Calm	----	3	Ci.	Cu. ESE	3	Ci.	Cu. SE
21	Calm	----	Calm	----	SE	2	E	4	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu. SE
22	Calm	----	SE	1	SE	3	SE	5	E	1	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. SSE
23	Calm	----	Calm	----	E	2	E	2	E	1	E	1	3	Ci.	Cu. ESE	9	Ci.	Fr.-N. SE
24	Calm	----	Calm	----	ESE	2	SSE	5	NE	1	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. S
25	Calm	----	SE	1	SE	4	SE	1	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. SSE
26	Calm	----	Calm	----	SE	1	SE	2	Calm	----	Calm	----	9	Ci.-S.	Fr.-N. SE	7	Ci.-S.	Cu. SSE
27	SSE	2	Calm	----	SE	2	SE	2	E	2	Calm	----	5	Ci.-S.	Cu.	9	Ci.-S.	Fr.-N. SSE
28	Calm	----	Calm	----	E	3	SE	1	SE	1	E	1	2	Ci.	Cu.	9	Ci.-S.	Fr.-N. SSE
29	Calm	----	Calm	----	SE	2	SE	2	NE	1	Calm	----	5	Ci.-S.	Cu.	4	Ci.	Cu. SSE
30	Calm	----	Calm	----	SE	2	SE	4	SE	1	Calm	----	6	Ci.-S.	Cu. SSE	8	Ci.-S.	Cu. SSE
Mean	------	0.3	------	0.4	------	2.2	------	2.7	------	0.7	------	0.3	4.2	------	------	5.4	------	------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	
1	56.49	56.88	57.70	55.68	56.63	57.92	23.5	23.2	30	30.9	27.4	25.4	31.3	22.7	98	98	75	65	84	92	------
2	56.96	57.07	57.79	55.68	56.58	58.52	23.7	23.6	30	30.7	27.4	26	31.2	23.3	98	98	70	65	77	82	------
3	57.63	57.82	58.65	56.69	57.53	59.15	24.5	24.2	30	29.6	26.6	25	30.7	23.6	98	98	73	77	82	90	------
4	57.63	57.32	57.83	55.34	56.14	57.38	24	24.5	29.8	32.3	27.4	27	33.7	23.4	99	99	73	57	81	86	------
5	55.73	55.65	56.07	53.61	54.61	56.30	26	26.7	30	30.8	27.1	26.5	31.3	24.7	82	83	65	61	90	94	------
6	55.08	55.57	56.96	55.60	57.07	58.46	25.8	25.9	30.4	30	27.2	26	32.1	25.5	94	94	70	55	85	94	------
7	57.38	57.96	58.88	57.04	57.85	59.49	25.3	25.5	30	30.4	27.9	26.4	31.8	24.8	87	87	70	68	75	86	------
8	58.11	58.22	58.51	56.78	57.13	59.09	24.6	24.1	30	30.8	28.2	25.9	31.4	23.1	92	92	77	68	75	91	------
9	57.92	57.74	58.84	56.42	57.43	58.65	23.8	24.4	30	31	28.1	27.6	32.7	22.8	90	90	73	69	80	86	------
10	58.21	58.30	59.08	57.49	57.99	59.45	25.5	26.4	29.9	30.2	28	27	31.3	24.8	91	91	77	75	80	86	------
11	58.97	59.35	60.13	57.63	58.49	60.42	24.4	24.2	30.4	30.7	28.4	26.2	31.5	23.9	98	98	72	70	80	92	------
12	59.57	60.05	60.23	58.03	58.60	59.98	24.4	25	31.6	31.4	28.6	26.4	33.7	23.4	93	93	63	68	83	87	------
13	59.21	59.91	59.87	57.20	57.74	58.85	25	24.6	30.6	29.6	28.4	26	32.3	23.8	94	94	76	77	80	90	------
14	58.60	58.81	58.74	56.49	57.56	58.96	25.1	24.2	31.4	30.8	28	27.5	32.5	24	97	97	68	72	74	86	------
15	58.20	58.81	59.58	57.27	58.76	60.10	24.9	24.8	30.8	31.2	28.5	27	32.7	24.1	92	92	71	68	84	83	------
16	59.41	59.81	60.09	57.97	58.85	60.54	24.4	25.2	31.4	29.9	28.5	25.5	33.3	23.4	96	96	65	71	78	88	------
17	59.92	60.21	60.85	58.78	59.15	60.87	24.1	24.6	30	31.1	28.4	25.5	32.5	23.4	94	94	77	67	80	92	------
18	59.56	59.68	60.54	58.17	58.76	60.77	24	24.2	29.6	31	28.4	25.9	32.7	23.2	97	97	77	68	77	83	------
19	58.93	59.60	60	58.08	58.55	59.58	25	24.5	31	29.8	25.7	24.7	31.7	23.8	96	96	67	74	96	97	4.7
20	59.06	59.14	59.93	57.82	57.90	59.16	23.9	24	29.9	31	28	25.6	31.5	23.1	97	97	73	69	83	88	------
21	58.36	58.78	58.53	56.74	57.37	58.95	24.1	23.5	31	32.3	29.6	27.3	33.3	23	95	95	71	60	75	84	------
22	58.02	58.52	58.69	56.75	57.34	58.62	25.8	24.6	30.7	30	28.1	26.4	32.9	23.8	93	93	62	70	80	86	------
23	57.62	57.74	57.59	56.11	57.18	58.40	24.5	24.7	30.4	31	29	26.4	32.4	23	92	92	72	68	81	95	------
24	56.87	57.26	58.24	56.33	57.77	58.77	24.9	24.6	28	30.3	26	25.5	30.6	24	97	97	85	72	87	98	------
25	58.72	59.11	59.55	57.86	58.72	59.80	25.7	24.9	28.8	29.8	26.9	25.8	30	24.4	96	98	82	76	91	92	------
26	58.91	59.11	59.75	58.23	58.80	60.07	24.8	24	29.8	32.4	28	26	32.6	23.7	98	98	74	60	77	90	------
27	59.17	59.65	59.69	57.32	57.58	59.09	24.4	25.8	30.6	30.5	28.7	25.8	32.6	24.1	94	94	73	70	75	89	------
28	57.77	58.46	59.03?	56.68	57.38	58.39	24.8	24.5	30.4	29.4	28.6	25.8	32	23.8	94	94	70	76	78	92	------
29	57.51	58.02	58.82	56.99	57.75	59.02	24.9	24.8	31	28.9	27.4	24.9	33.3	23.9	93	93	67	77	87	92	------
30	57.98	58.68	59.18	57.48	57.96	59.35	23.8	24.6	30	25.2	25.9	25	31.7	23.3	93	93	73	93	93	97	9.9
31	58.14	58.93	59.03	57.64	58.14	58.50	23.5	24.4	30.5	26.4	26.3	24.3	31.5	23.1	95	95	69	90	82	92	1
Mean	58.12	58.46	58.98	56.96	57.72	59.12	24.6	24.7	30.3	30.3	27.8	26	32.1	23.7	94.3	94.4	71.9	70.5	81.6	89.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	15.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NNE	2	SE	5	NE	2	Calm	----	3	Ci.	Cu.	1	Ci.	Cu. SSE
2	Calm	----	Calm	----	SE	1	SE	4	E	1	SSE	1	6	Ci.-S.	Cu. S	1	Ci.	Cu. SSE
3	Calm	----	Calm	----	NE	1	SE	1	Calm	----	SSE	1	5	Ci.	Cu. E	7	Ci.-S.	Cu. SSE
4	Calm	----	Calm	----	NE	3	NNE	3	NE	2	NE	2	3	A.-Cu.	Cu. NE	3	Ci.	Cu. NE
5	Calm	----	Calm	----	SSE	1	NNW	2	NW	3	W	3	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.
6	SW	4	SW	3	S	4	S	5	S	2	S	2	5	Ci.	Cu. W	5	Ci.	Cu. SSW
7	S	3	S	2	S	4	SSE	3	SE	1	Calm	----	5	Ci.	Cu. SSW	3	Ci.	Cu.
8	Calm	----	Calm	----	S	3	SSE	3	SE	1	SSE	1	4	Ci.	Cu.	3	Ci.	Cu.
9	Calm	----	Calm	----	SSE	4	SSE	4	SSE	1	Calm	----	3	Ci.	Cu.	1	Ci.	Cu.
10	Calm	----	Calm	----	SE	4	SSE	4	SE	2	SSE	1	5	Ci.	Cu. S	1	Ci.	Cu.
11	Calm	----	Calm	----	SSE	2	S	4	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
12	Calm	----	Calm	----	SE	1	S	2	SE	2	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
13	Calm	----	SE	1	SE	4	SE	2	SE	2	Calm	----	3	Ci.	Cu. SSE	4	Ci.	Cu. SSE
14	Calm	----	Calm	----	SE	4	SSE	3	SSE	1	SE	2	2	Ci.	Cu. S	3	Ci.	Cu. S
15	SE	3	Calm	----	S	2	SE	4	SE	1	Calm	----	3	Ci.	Cu.	1	Ci.	Cu.
16	Calm	----	Calm	----	SE	3	SE	4	SE	1	Calm	----	5	Ci.	Cu. ESE	6	Ci.-S.	Cu. S
17	Calm	----	Calm	----	SSE	4	SE	2	SE	1	Calm	----	3	Ci.	Cu. S	3	Ci.	Cu. SSE
18	Calm	----	Calm	----	SE	4	SE	3	E	2	Calm	----	3	Ci.	Cu.	3	Ci.	Cu. S
19	Calm	----	E	1	ESE	2	SE	2	SE	2	E	1	5	Ci.-S.	Cu. S	6	Ci.-S.	Cu. SSE
20	Calm	----	E	1	SE	2	SE	2	SE	1	E	1	7	Ci.	Cu. ESE	5	Ci.	Cu. S
21	Calm	----	Calm	----	ESE	2	ESE	1	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. SE
22	Calm	----	Calm	----	SE	3	SE	2	Calm	----	Calm	----	8	Ci.-S.	Cu. E	8	Ci.	Cu. SSE
23	Calm	----	ESE	1	ESE	1	NNW	3	NNE	1	Calm	----	3	Ci.	Fr.-Cu. SSE	5	Ci.-S.	Cu. NNE
24	Calm	----	NE	2	SE	2	NW	2	NE	2	ENE	2	3	Ci.	Cu.	6	Ci.-S.	Cu.
25	Calm	----	Calm	----	NNE	2	SSE	2	SSE	2	Calm	----	10	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. S
26	Calm	----	Calm	----	SE	2	SSE	2	SE	2	ESE	1	4	Ci.	Cu.	4	Ci.	Cu. S
27	Calm	----	Calm	----	S	5	S	3	Calm	----	Calm	----	4	Ci.	Cu. SSE	2	Ci.	Cu. S
28	Calm	----	Calm	----	S	4	NW	2	Calm	----	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu. W
29	Calm	----	Calm	----	SSE	3	NNW	3	Calm	----	Calm	----	5	Ci.	Cu. SSW	9	Ci.-S.	Cu.-N. NE
30	Calm	----	Calm	---	SE	2	SSE	2	Calm	----	Calm	----	4	Ci.	Cu.	9	Ci.-S.	Fr.-N. S
31	Calm	----	Calm	----	E	1	NE	1	E	1	Calm	----	7	Ci.-Cu.	Cu. S	10	------------	N. E
Mean	------	0.3	------	0.4	------	2.6	------	2.7	------	1.2	------	0.6	4.3	------------	------------	4.4	------------	------------

TAGBILARAN.[a]

[$\phi=9°\ 38'$ N; $\lambda=123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.05	57.62	58.24	56.12	57	58.12	24	25.5	29.7	29.9	28	26	31	23.4	92	93	77	77	83	88	----
2	57.05	57.44	58.09	55.98	57.28	58.63	24.6	24.2	29.3	32.1	29.2	26.7	32.4	23.6	97	97	71	67	76	94	2.6
3	57.61	58.49	57.80	55.90	56.76	58.57	25.9	23.2	25.9	30	27.5	25.9	30.3	22.7	99	99	89	73	82	82	----
4	57.08	57.37	58.10	55.97	56.38	58.56	24.8	24.1	31	32.3	28.6	25.8	32.5	23.6	98	97	65	67	77	93	1.3
5	57.16	56.85	56.80	55.45	55.96	57.37	25.2	25.3	30.6	29.4	27.4	25.5	31	24.3	96	96	70	75	89	98	7.5
6	56.58	57.07	57.71	56.20	56.92	58.62	24.2	24.7	29.9	29.5	26.5	25.3	30.3	23.3	97	97	75	74	91	92	7
7	57.04	57.42	57.60	56	57.05	58.04	24	24.2	30	29	28.5	26	30.6	23.2	97	97	74	81	83	94	----
8	57.43	57.81	58.12	56.72	57.63	58.54	24.5	24.3	30.5	29	28	25.3	31.4	23.6	97	97	74	81	85	89	.5
9	58.05	58.97	58.99	57.18	57.71	59.14	24.7	24.1	30.9	30.3	28.3	25.5	31.4	23.3	94	97	66	72	77	95	----
10	58.88	59.26	59.70	57.68	58.50	59.98	24.2	24	30.5	30	27.9	25.4	30.9	23.4	97	97	70	71	75	92	----
11	58.97	59.05	59.93	57.80	57.97	59.17	24.2	24.4	29.2	29.9	27	25	30.3	23.3	97	97	77	75	88	93	----
12	58.41	59.03	59.43	57.52	57.94	59.73	24	23	30.5	31.9	28.5	27.1	32.3	22.5	97	97	70	65	80	85	----
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	59.17	59.99	60.54	58.81	59.32	60.41	25	24	31.2	25.6	26.4	24.6	32.7	23.4	98	98	74	93	91	98	2
19	59.93	60.32	61.12	59.15	59.56	60.55	24.1	23.8	30.8	30.6	28.5	25.8	32.2	23.2	93	93	73	70	83	96	----
20	59.80	60.42	60.53	58.38	58.58	60.07	24.6	24.8	30.5	30	27.9	26	32.7	23.7	93	93	69	77	84	95	----
21	59.67	59.76	60.05	58.38	58.14	59.70	25	24.7	31	31	28.4	26.1	32.6	24.1	98	98	69	71	82	94	----
22	59.36	59.46	59.73	58.38	59.25	60.59	25.2	24.8	32	29.7	28.2	26.8	32.8	24.2	98	98	69	79	87	94	.8
23	60.12	60.23	60.52	58.43	59.01	60.21	25.4	26.1	29.4	29.2	27.6	26.3	32.6	23.8	99	99	79	81	90	93	----
24	59.21	59.69	60.61	59.10	58.97	60.18	24.8	24.1	29.4	27.1	24.8	23.8	29.9	23	98	97	81	87	92	97	----
25	59.42	59.80	60.45	58.99	59.25	60.26	22.8	22.9	29.4	30.8	25.8	25	31.2	21.7	90	90	66	71	95	93	2.1
26	59.12	59.13	59.15	57.67	59.07	60.30	24	23.9	30	30.3	26	25	31.7	22.8	92	92	74	75	95	93	----
27	59.21	59.03	59.20	57.81	59.10	59.81	24	23.8	30.5	28.8	27.8	25.8	31.8	22.6	99	99	80	83	92	93	----
28	59.23	60.03	60.46	58.48	59.36	60.90	24.2	25	30	32	26.8	25	33.4	23.3	97	97	84	66	86	98	----
29	60.35	60.54	61.33	58.71	58.97	60.86	24	23.2	30.7	31.6	26.7	24.6	32	22.7	98	98	73	73	91	98	----
30	58.91	59.29	59.10	57.05	57.40	59.16	23.9	24	32	27.8	25	24	33.2	22.9	98	98	70	98	100	100	18
Mean	58.59	58.96	59.33	57.51	58.12	59.50	24.5	24.2	30.2	29.9	27.4	25.5	31.7	23.3	96.4	96.4	73.6	76.1	86.2	93.5	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	[b]41.8.

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	2	SE	2	Calm	----	Calm	----	3	Ci.	Cu.	9	Ci.-S.	Cu.
2	Calm	----	Calm	----	SE	3	NW	1	NE	1	Calm	----	4	Ci.	Cu.	4	Ci.	Cu. SW
3	Calm	----	E	1	SE	1	S	4	Calm	----	Calm	----	10	----	N. SE	6	Ci.-S.	Cu.
4	Calm	----	E	1	SE	3	SE	2	SE	1	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. S
5	Calm	----	Calm	----	S	3	SE	1	Calm	----	Calm	----	8	Ci.-S.	Cu. S	9	Ci.	Cu.-N. E
6	S	4	Calm	----	S	3	S	1	Calm	----	Calm	----	6	Ci.-S.	Cu. SSW	9	Ci.-S.	Cu.-N. SSE
7	SSE	2	SSE	1	S	2	S	2	Calm	----	Calm	----	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. SSW
8	Calm	----	E	1	S	3	S	2	Calm	----	Calm	----	3	Ci.	Cu.	5	Ci.	Fr.-Cu. SW
9	Calm	----	E	1	S	3	S	4	Calm	----	Calm	----	3	Ci.-S.	Cu. S	3	Ci.-S.	Cu.
10	Calm	----	Calm	----	S	4	S	3	S	1	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. SW
11	Calm	----	SSE	1	S	1	S	2	Calm	----	Calm	----	8	Ci.-S.	Cu. S	9	Ci.-S.	Fr.-N. SW
12	Calm	----	Calm	----	NE	2	NE	2	Calm	----	Calm	----	1	Ci.-Cu.	Cu.	2	Ci.	Cu. E
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	Calm	----	E	1	S	1	S	1	Calm	----	E	1	6	A.-Cu.	Cu. SSE	10	Ci.-S.	Fr.-N.
19	Calm	----	Calm	----	S	1	SE	3	S	1	Calm	----	3	Ci.	Cu.	3	Ci.	Cu. SE
20	Calm	----	Calm	----	SSE	3	SE	2	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.	Cu.-N.
21	Calm	----	E	1	SE	1	SE	2	Calm	----	Calm	----	9	Ci.-S.	Cu.	4	Ci.-S.	Cu.
22	Calm	----	Calm	----	SE	1	S	3	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu.
23	Calm	----	Calm	----	S	2	S	2	Calm	----	S	1	4	Ci.	Cu. S	7	Ci.-S.	Cu.-N.
24	Calm	----	Calm	----	S	2	S	1	S	1	Calm	----	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
25	Calm	----	S	1	SE	2	SSE	2	SE	1	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. ENE
26	Calm	----	NE	2	SSE	3	NNE	2	NE	2	Calm	----	2	Ci.-Cu.	Cu.	3	Ci.	Fr.-Cu. E
27	Calm	----	NNE	1	SE	4	SSE	2	Calm	----	Calm	----	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
28	Calm	----	E	1	SE	1	SSE	1	Calm	----	Calm	----	7	Ci.-S.	Cu.-N. SE	5	Ci.	Cu.-N.
29	Calm	----	E	1	S	3	S	2	S	1	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
30	Calm	----	Calm	----	S	2	S	2	E	1	Calm	----	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.
Mean	----	0.2	----	0.6	----	2.2	----	2	----	0.4	----	0.1	4.3	----	----	5.7	----	----

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[a] This station was temporarily closed from the 13th to the 17th.

[b] 25 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.43	58.44	59.24	57.35	58.15	59.45	23.9	23.8	30.9	28.1	28.5	24.9	32.5	23.2	100	100	78	91	91	94	------
2	58.83	59.22	59.93	58.05	58.86	60.23	23.7	23.8	30.4	28.6	27.2	24.7	31.7	22.8	93	93	80	80	81	91	------
3	59.43	59.03	59.68	58.10	58.50	59.81	24	24.8	30.4	24.4	25.7	24.8	32.7	22.8	95	95	74	99	98	97	1.5
4	58.89	57.97	58.45	56.73	57.47	59.16	24.5	24.3	32.5	25	26.8	24.3	32.9	23.5	99	99	71	98	95	97	2.8
5	57.67	57.68	58.23	56.85	57.15	58.27	24	23.9	28.4	29.4	27	24.8	30.3	23	94	94	91	83	98	96	53.1
6	57.82	57.71	58.92	57.51	58.17	59.47	25	24.2	28.5	30.6	27	25	30.9	23.7	94	98	81	75	90	93	------
7	58.34	58.37	59.15	57.23	58.06	59.62	24	23.8	30.2	32.2	28.6	27	32.5	23.2	98	98	78	69	86	97	------
8	58.62	58.41	58.63	56.57	57.84	58.97	26.9	25	31	31.7	28.2	25.9	33.1	24.6	89	95	80	78	91	96	2.6
9	58.32	58.32	58.78	56.86	57.13	58.81	25.1	23.9	28.9	29	27.7	26.7	31.6	23.3	99	99	86	87	88	94	------
10	58.04	58.05	58.58	57.42	57.21	58.35	26	25.1	30.5	31.4	27	25	32.6	23.8	98	98	74	68	89	97	------
11	58.24	58.35	58.59	56.82	57.22	59.12	24	24.8	29.5	31.5	29.1	26	32.8	23	93	93	81	70	83	94	------
12	57.87	58.38	58.69	56.95	58.10	60.41	24.2	23.7	30.8	31.8	28.6	24.2	33.2	22.9	94	94	72	72	89	98	1.5
13	58.79	58.79	58.68	56.84	57.05	58.23	23.2	23.6	30.4	31	28	27	32.3	22.7	98	98	82	83	94	95	------
14	56.36	56.27	56.06	54.50	54.83	56.19	26	25.1	28	27	24.5	24.5	28.4	24	99	99	91	95	99	99	16
15	54.94	54.35	54.96	53.64	54.41	56.19	24.2	24.5	26.4	25.3	26.2	24.4	26.8	23.7	95	95	92	99	91	98	14.8
16	55.17	55.39	56.31	55.07	55.65	57.57	25.2	25.8	28.5	28.6	27.5	27.1	30	24	88	88	82	80	88	88	5.3
17	57.47	57.76	58.15	56.99	57.15	58.77	24.2	25.9	29.2	29.9	27.4	27.3	31.2	23.5	91	91	74	73	87	93	------
18	57.82	57.61	58.23	56.55	57.18	58.71	26.3	26	30.4	31.4	28.7	27	31.8	25.3	95	95	74	68	78	89	------
19	57.63	57.24	57.59	56.40	56.98	58.70	26	26.4	30.6	31	28.7	27.4	31.4	25.4	97	98	76	65	78	83	------
20	57.96	58.17	58.67	56.62	57.45	58.51	26.5	26.8	30.8	32.5	29.9	26.1	33.3	25	90	94	71	60	68	92	------
21	57.81	57.91	58.39	56.73	57.17	58.26	26.1	26.5	29.8	33.2	29.4	26.9	33.4	24.9	92	98	81	61	74	86	.3
22	57.36	57.74	57.81	56	56.72	57.36	27	25.5	28.2	30.4	25.6	26.6	30.7	25	86	98	82	70	97	84	2
23	56.56	56.35	56.20	55.63	56.61	58.12	25.8	25.5	29.4	28.9	24.9	25	29.9	23.9	92	94	78	82	96	93	3.8
24	56.72	56.44	57.05	56.05	56.87	58.06	25	26.9	26.6	28	26.1	25.9	28.4	22.8	86	86	91	73	83	85	34.6
25	57.21	57.63	57.93	56.37	57.20	59.22	25.5	24	30.8	31.6	28.5	25.8	32	23.5	88	99	74	63	77	97	------
26	58.02	57.51	58.08	56.84	58.05	59.43	25.8	24.6	30.2	29.4	27	24.7	30.7	23.8	97	98	78	81	98	91	4.9
27	57.78	57.36	57.78	56.26	56.24	56.76	24.3	24	28.4	27.7	26	25.4	29	23.4	99	100	83	84	89	95	16.5
28	56.11	56.22	56.31	55.71	56.08	56.77	24	25	28.5	25.5	25.2	25.4	29.9	23	85	83	84	93	97	93	27
29	55.81	56.19	56.60	55.41	56.20	58.07	26	26.8	29.8	29.7	27.9	27	30.7	25.3	84	84	74	77	88	86	------
30	56.81	57.20	57.93	56.44	57.22	59.10	26.9	27	30.3	31.4	29	27.6	31.8	24	86	86	70	68	76	94	21.3
31	57.88	58.07	58.33	56.71	57.03	58.10	23.9	23.6	30	32	29.2	27.3	32.6	22.5	97	97	75	61	69	87	------
Mean	57.57	57.55	58	56.49	57.10	58.51	25.1	25	29.6	29.6	27.5	25.9	31.3	23.7	93.3	94.7	79.3	77.6	87.3	92.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	208

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	E	1	S	1	S	1	Calm	----	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Cu. SW
2	Calm	----	E	1	S	2	SSE	1	E	1	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Cu.
3	Calm	----	SE	1	SE	1	E	2	Calm	----	Calm	----	4	Ci.-S.	Cu.	10	------------	N. SE
4	Calm	----	Calm	----	S	1	SE	2	E	1	Calm	----	8	Ci.-S.	Cu.	8	Ci.-S.	Fr.-Cu. E
5	Calm	----	Calm	----	SE	2	NE	2	Calm	----	Calm	----	3	Ci.	Cu.	8	Ci.-S.	Cu.
6	Calm	----	Calm	----	S	2	SE	2	Calm	----	Calm	----	9	Ci.-S.	Cu.	5	Ci.-S.	Cu.
7	Calm	----	Calm	----	S	2	S	3	E	1	SE	2	3	Ci.	Cu.	1	Ci.	Cu.
8	Calm	----	Calm	----	SE	3	S	2	S	1	SSE	1	5	Ci.	Cu.	2	Ci.	Cu. SSE
9	SSE	1	Calm	----	S	2	SE	3	W	3	SW	3	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.
10	SW	1	Calm	----	SSW	1	Calm	----	Calm	----	Calm	----	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
11	Calm	----	Calm	----	S	1	SSE	3	Calm	----	Calm	----	6	A.-Cu.	Cu. S	1	Ci.	Fr.-Cu. SSW
12	Calm	----	E	2	SSW	2	S	2	Calm	----	Calm	----	5	Ci.-S.	Cu.	3	Ci.	Cu. SW
13	Calm	----	Calm	----	SE	1	S	4	Calm	----	Calm	----	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
14	Calm	----	Calm	----	S	1	S	2	S	3	SSW	4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
15	SSW	2	SSW	3	SSW	5	SSW	5	S	4	S	3	10	------------	N. SW	10	------------	N. SW
16	S	3	S	3	S	4	SSW	6	S	3	S	2	10	Ci.-S.	Fr.-Cu. SSW	10	Ci.-S.	Cu.
17	S	3	S	2	S	2	S	1	SSE	1	SSE	1	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
18	Calm	----	Calm	----	S	4	SW	5	S	2	S	2	5	Ci.	Cu. S	5	Ci.-Cu.	Cu.
19	Calm	----	SE	1	S	4	SW	5	SW	2	S	1	1	Ci.	Fr.-Cu. S	3	Ci.	Cu. W
20	Calm	----	S	1	SW	2	SSW	4	Calm	----	Calm	----	4	Ci.	Cu. SW	1	Ci.	Fr.-Cu. SW
21	Calm	----	Calm	----	S	3	S	3	Calm	----	SSE	1	3	Ci.	Cu.	1	Ci.	Cu.
22	Calm	----	Calm	----	S	1	SSW	3	SW	2	SW	2	10	Ci.-S.	Fr.-N. SW	7	Ci.-S.	Cu.
23	SSW	2	SSW	3	S	3	SW	3	SW	3	S	3	10	Ci.-S.	Cu.	9	Ci.-S.	Fr.-Cu. W
24	S	2	S	1	S	1	S	1	S	1	S	2	9	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.
25	Calm	----	Calm	----	S	2	S	3	S	1	Calm	----	9	Ci.-S.	Cu. SW	4	Ci.	Cu. SSW
26	Calm	----	Calm	----	S	2	S	3	SW	1	SSW	1	5	Ci.	Cu. S	8	Ci.-S.	Cu. SW
27	Calm	----	Calm	----	SW	2	W	4	SW	1	Calm	----	10	Ci.-S.	Fr.-Cu. W	10	Ci.-S.	Fr.-Cu. NW
28	SW	5	SSW	2	W	3	SW	1	SW	2	SW	1	9	Ci.-S.	Cu.	10	------------	N.
29	Calm	----	SSW	2	S	5	SW	6	SW	3	SSW	2	9	Ci.-S.	Cu. WSW	5	Ci.-S.	Cu.
30	Calm	----	S	1	S	2	SSW	5	S	2	Calm	----	5	A.-Cu.	Cu.	3	Ci.	Cu.
31	SSW	3	Calm	----	S	2	SW	4	Calm	----	Calm	----	3	Ci.	Cu. W	1	Ci.	Cu.
Mean	------	0.7	------	0.8	------	2.2	------	2.9	------	1.2	------	1	6.5	------------	------------	6.1	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N ; λ=123° 51′ E ; barometer above sea, 26.2 meters ; gravity correction not applied, —1.86 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.78	56.79	57.43	56.66	56.91	58.66	26.9	26	30.7	29	28	26.4	31.3	23.5	90	90	72	79	77	83	18.3
2	57.26	57.44	58.15	56.52	57.10	58.90	25.8	26.4	30.4	31.5	29	26.6	31.8	24.5	95	95	76	68	69	85	------
3	57.98	58.36	58.87	56.88	57.19	58.81	25.5	25.7	30.5	32.9	29.3	26.7	33.2	24.7	88	88	74	60	76	94	------
4	58.02	58.14	59.02	56.71	57.03	58.61	25.2	25.9	30.7	31.4	28.7	27	31.7	24	94	94	71	67	83	91	------
5	57.79	57.89	57.94	56.89	57.77	58.57	26.8	26.4	29.6	29.9	25.9	25.2	30.2	24.6	92	92	75	73	93	96	3
6	57.90	57.78	58.80	57.40	57.30	58.22	25.8	25.5	29.7	30.5	27.9	26.7	30.9	24.9	91	91	68	67	80	88	------
7	58.06	58.25	58.79	57.14	57.78	58.99	26.3	26.4	30.2	32.5	28.4	25	33	24.3	90	90	75	68	88	98	------
8	58.44	58.65	59.05	57.13	57.65	59.79	26	25.9	30.6	32	29	27.8	32.7	24.4	91	91	67	67	76	79	------
9	58.77	58.86	59.38	57.77	58.08	59.56	25.7	26.6	30.6	31.4	28.5	26.9	31.7	25.3	84	84	68	60	75	73	------
10	58.58	58.60	59.22	57.23	57.54	58.73	25.7	25.6	31.2	30.2	28.4	27.5	31.8	25.1	83	88	64	70	75	83	------
11	57.89	57.89	58.42	55.89	56.63	58.10	26.9	26.1	30.8	32.3	29	27	32.6	25.2	82	82	64	56	72	82	------
12	57.06	57.46	57.69	55.94	57.26	58.67	26.2	25.4	30.9	32	25.8	24.8	33.3	24.2	86	86	64	65	92	97	------
13	57.53	57.12	57.43	55.86	56.73	57.64	24.3	24.4	29.8	32	26	25.9	33.3	23.7	97	97	67	55	86	88	------
14	57.02	57.01	57.18	55.50	55.77	56.50	25.9	26	31	33	28.4	27.6	33.3	25.2	95	95	74	54	77	73	------
15	55.51	55.91	56.37	54.59	55.47	56.97	26.9	26.5	31.4	30	28.2	27.1	33.5	25.9	88	88	62	71	73	79	------
16	55.78	56.37	57.15	56.39	57.25	59.86	26.6	26.9	29.7	30.6	28.8	26.2	30.9	25.5	83	83	67	67	73	90	------
17	59.23	58.54	59.15	57.39	57.63	59.32	25.6	24.3	29	30.6	26.7	25.8	31.9	23.2	96	96	78	69	96	93	------
18	58.61	58.92	59.28	57.17	57.40	58.50	25.3	24.4	29.7	29.9	26.5	25.7	30.3	23.6	98	98	75	77	88	93	93
19	58.52	57.93	58.05	55.99	56.59	58.17	22.7	22.2	27	28.9	27.4	25.1	29.3	21.9	98	98	80	70	80	92	------
20	57.25	57.35	57.75	55.99	56.78	58.37	25	25.4	28	30	28	26.2	31.2	24.4	88	83	82	77	79	84	------
21	57.81	57.80	58.13	56.30	56.76	58.65	25	25.1	28.9	30.2	28	25	31.2	24.9	91	91	72	68	76	92	------
22	57.80	57.80	58.11	56.35	57	58.39	25	25	29	29.9	27.2	26.5	30.4	24.9	95	95	75	72	80	82	------
23	57.90	57.61	58.13	56.30	57.39	59.02	25.3	26	29.4	30.4	27	25.7	30.9	24.7	90	90	74	68	80	88	------
24	58.12	58.32	58.58	56.77	58.02	60.01	25	25	29.8	32.4	28	26.5	33	24.7	98	98	76	61	78	88	------
25	59.02	58.93	60.20	58.42	59.15	60.88	25.4	24.9	30.4	30.1	27.9	27.4	31.3	24.5	89	89	65	72	80	80	------
26	59.57	59.19	59.32	57.47	57.71	58.86	25.7	26	30.9	31	27.6	27	32	24.7	88	89	62	68	84	90	------
27	57.62	57.04	57.61	55.95	56.72	57.27	26	25.9	26	28.9	24.5	23.7	29.8	23.3	94	94	89	80	96	94	7.1
28	56.67	56.66	57.66	55.90	57.51	59.51	24.1	25	24.4	27.8	26.4	24	28.2	22.7	93	93	93	77	81	97	4.3
29	58.41	58.02	58.95	58.18	58.52	60.12	24.2	24.9	27.9	28	26.7	23	28.9	22.2	92	92	82	73	79	98	5.6
30	59.30	58.61	59.24	57.68	58.02	59.42	23.5	22.2	28	28	24.3	23.5	29	22	98	98	77	77	96	94	7.9
31	58.85	58.07	58.56	56.40	56.86	58.27	22.7	23.8	28.8	30	26.2	24.4	30.3	22.5	98	98	75	66	81	93	------
Mean	57.90	57.85	58.37	56.67	57.27	58.75	25.4	25.3	29.5	30.6	27.5	25.9	31.4	24.2	91.6	91.6	73	68.5	81.3	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	139.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SSW	3	S	2	WSW	3	Calm	----	5	Ci.	Cu.	9	Ci.-S.	Cu.
2	Calm	----	Calm	----	SW	3	SW	3	SW	3	SSW	3	7	Ci.-S.	Cu.	1	Ci.	Cu. W
3	Calm	----	Calm	----	SW	1	SSW	1	Calm	----	Calm	----	3	Ci.-Cu.	Cu.	1	Ci.	Cu.
4	Calm	----	Calm	----	SSW	3	SW	4	Calm	----	Calm	----	3	Ci.-Cu.	Cu. SW	3	Ci.	Cu.
5	Calm	----	S	1	SSW	4	SW	3	S	1	Calm	----	2	Ci.	Cu. SW	6	Ci.-S.	Cu. W
6	Calm	----	Calm	----	S	1	S	1	S	2	S	1	4	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
7	S	1	S	1	S	2	S	3	Calm	----	Calm	----	5	Ci.-S.	Fr.-Cu. SW	3	Ci.	Cu.
8	Calm	----	Calm	----	S	4	SW	3	Calm	----	SW	1	6	Ci.	Fr.-Cu. SSW	1	Ci.	Fr.-Cu. W
9	Calm	----	W	1	WSW	2	W	2	SW	1	SW	2	7	A.-Cu.	Cu.	4	Ci.	Cu. W
10	Calm	----	Calm	----	SW	2	S	4	Calm	----	Calm	----	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.
11	Calm	----	Calm	----	SSW	3	S	3	SSW	2	Calm	----	8	Ci.-S.	Cu.	1	Ci.	Cu.
12	Calm	----	Calm	----	S	2	S	3	S	1	Calm	----	4	Ci.	Cu.	3	Ci.-Cu.	Cu. SW
13	Calm	----	Calm	----	S	2	S	1	SSW	2	Calm	----	10	Ci.-S.	Cu.	5	Ci.-S.	Cu. SW
14	Calm	----	Calm	----	SW	2	SW	1	W	2	W	2	9	Ci.-S.	Cu. SW	3	Ci.	Cu. W
15	SW	1	SW	2	SW	3	SW	4	SW	2	SSW	2	8	Ci.-S.	Cu. W	6	Ci.-S.	Cu.
16	SSW	1	S	3	S	2	S	4	S	2	Calm	----	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
17	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	7	Ci.-S.	Cu.	5	Ci.	Fr.-Cu. W
18	Calm	----	Calm	----	SW	1	SSW	1	Calm	----	NE	1	5	Ci.	Fr.-Cu.	7	Ci.-S.	Fr.-Cu. W
19	NE	2	NNE	1	W	3	SW	1	Calm	----	SSW	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
20	SSW	2	SW	3	S	3	S	4	Calm	----	SW	4	8	Ci.-S.	Cu.	5	Ci.-S.	Cu. SSW
21	S	2	SSE	1	S	5	SSW	2	Calm	----	WSW	1	6	Ci.-S.	Cu. SSW	6	Ci.	Cu. SW
22	SW	1	SW	1	SSW	4	SW	4	WSW	1	SW	1	10	Ci.-S.	Fr.-N. W	4	Ci.	Cu. W
23	Calm	----	SW	1	SW	3	SW	4	SW	1	SSW	2	7	Ci.-S.	Cu.	6	Ci.-S.	Fr.-Cu. W
24	Calm	----	Calm	----	SSW	2	WSW	2	SW	1	SW	2	9	A.-Cu.	Cu. SW	4	Ci.-S.	Cu. SW
25	SW	1	SW	1	SW	1	S	2	SSW	1	SW	2	10	Ci.-S.	Cu. NW	8	Ci.-S.	Cu. SW
26	Calm	----	W	4	SW	2	SSW	3	SSW	2	SW	2	10	Ci.-S.	Fr.-Cu. NW	7	Ci.-S.	Cu. SW
27	Calm	----	SSW	2	SW	2	SW	1	SW	2	SW	1	9	Ci.-S.	Cu. W	10	Ci.-S.	Cu.
28	SSW	2	SSW	3	SW	2	SW	4	SW	3	SW	2	7	Ci.-S.	Fr.-Cu. SW	10	Ci.-S.	Fr.-N. W
29	Calm	----	Calm	----	SW	2	SW	2	W	2	Calm	----	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.
30	Calm	----	S	1	SSW	3	S	3	Calm	----	SSW	1	7	A.-Cu.	Cu. SSW	10	Ci.-S.	Cu. SW
31	Calm	----	S	1	SSW	2	Calm	----	Calm	----	Calm	----	8	Ci.-S.	Cu. W	10	Ci.-S.	Cu. SW
Mean	------	0.4	------	0.9	------	2.5	------	2.5	------	1.1	------	1	7	------	------	5.6	------	------

TAGBILARAN.

[$\phi=9°\ 38'$ N; $\lambda=123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.46	55.58	56.49	54.59	54.79	55.33	24	24.4	29.6	29.7	24.4	24.7	30.2	22.8	95	95	72	73	98	92	23.9
2	54.60	54.52	55.71	53.95	54.58	55.79	25	25.3	27	26.9	25.1	24.7	28	24.3	91	91	85	77	94	97	------
3	54.93	55.53	55.77	54.82	55.07	56.77	25.6	24.8	27.9	24.7	26	26	29.5	22.8	92	92	84	92	85	84	10.2
4	56.45	56.76	57.21	55.74	56.62	58.24	25.3	26	29	29	26.4	26.5	30.3	24	87	87	73	72	86	83	------
5	58.41	58.61	59.10	57.18	57.89	60.17	26	25.2	30.1	31.6	28.5	25	32	24.1	91	91	65	60	76	93	------
6	58.84	59.12	59.59	57.23	58.01	59.73	23.7	23.5	30	30.6	27.3	24.9	31.5	22.6	96	96	80	68	85	92	------
7	58.92	59.01	59.33	57.09	58.70	59.76	24.7	24	30.2	29.7	26	26	32.2	23.6	97	97	73	73	92	94	------
8	58.31	58.52	59.22	57.07	57.91	58.88	25.9	24.2	30.2	30.6	24	24.8	32.3	23.4	98	98	68	74	97	93	4.3
9	57.97	58.15	58.63	56.25	57.50	58.61	25	25.2	29.3	30.5	27.8	26.5	31.2	24.7	96	96	79	75	82	90	------
10	57.03	56.92	57.65	55.53	56.45	57.89	25.3	25.4	29.5	31	28.2	26.8	31.8	25.2	90	90	71	67	74	87	------
11	57.04	57.15	58.04	56.37	57.63	59.32	26.1	24.8	30.2	31	28.5	25.5	31.7	24.3	98	98	73	68	80	89	------
12	58.12	58.61	59.80	57.34	58.79	60.47	24.4	23.7	29.5	30.2	28	25.9	31.9	22.6	94	94	70	73	79	94	------
13	59.25	59.35	59.84	57.95	58.49	60.32	24	24.4	30.1	29.8	27.9	25.4	32.3	23.1	97	97	79	74	84	97	------
14	59.36	59.47	60.36	57.83	58.71	60.03	23.3	24	27.4	28.8	27.7	21.7	29.8	21.5	97	97	87	79	85	94	9.4
15	58.78	59.18	59.68	57.33	57.84	58.71	22	22.4	29	30	27.3	26	30.2	22	98	98	79	73	84	89	------
16	58.52	58.63	58.81	57.03	57.98	59.17	25.7	25.2	29.4	29.9	27.8	26.6	30.6	25	94	94	76	75	84	85	------
17	58.51	58.92	60.02	57.79	58.94	60.14	24.8	23.9	29.9	29.9	27.9	25.5	31.3	23.5	92	92	71	73	82	98	------
18	59.11	59.53	60.10	57.55	58.31	59.86	24.2	24	27.6	29	26.5	24	29.9	22.6	98	98	87	79	90	95	------
19	59.61	60.02	60.48	57.70	58.70	59.88	22.9	23.6	27	29.5	26.9	24.9	30	22.1	95	95	81	72	86	94	------
20	59.03	59.12	59.09	56.92	58.26	59.47	24	23.3	29.5	26.5	23.8	23.2	30.3	22.5	96	96	76	91	97	97	54.9
21	57.98	58.49	58.86	57.02	58.03	59.10	22.5	23.2	27	27.9	26.1	25.5	28.9	21.7	98	98	86	79	85	89	------
22	58.91	59.12	59.44	57.63	59.11	60.30	25	24.9	29.4	30.4	26	24.7	30.7	24.1	89	89	76	69	79	96	------
23	59.66	60.15	60.35	58.18	59.08	59.97	23.9	24.8	28.9	29.6	26.4	24.8	30	23.8	97	97	75	72	92	97	------
24	59.29	59.40	60.26	57.39	58.42	59.52	23.8	24.6	29.5	27.9	25.9	24	30.4	23.2	95	95	76	82	94	97	5.1
25	58.74	58.83	59.63	57.18	58.18	59.66	23	23.1	29.8	29.9	27	24	30.9	22.3	99	99	71	77	90	98	.5
26	58.89	58.88	59.41	57.46	58.18	59.98	23.2	23.7	29.5	28	27.3	24.8	30.7	22.7	97	97	76	88	87	95	------
27	59.28	59.98	60.13	57.88	58.46	59.87	23.8	23.4	29.8	28.2	27.5	24.8	30	22.6	98	98	71	86	87	97	------
28	59.53	59.72	59.84	57.25	58.24	59.42	23.9	24	30.3	30	27.6	24.9	31.3	23.5	97	97	70	73	84	98	10.7
29	59.03	59.12	59.97	57.54	57.97	59.01	24.7	23.6	28	30	25.8	24	30.7	22.9	95	95	83	65	88	93	------
30	58.52	58.63	59.33	56.90	57.71	58.75	23.1	23	29.8	29.9	27	24.7	31.8	22.6	95	95	71	71	86	94	------
Mean	58.30	58.50	59.07	56.92	57.82	59.14	24.3	24.2	29.1	29.4	26.8	25	30.7	23.2	95.1	95.1	76.1	75	86.4	93	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	119

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	W	2	SW	3	Calm	----	Calm	----	9	Ci.-S.	Cu.	10	Ci.-S.	Fr.-Cu. NW
2	SW	2	SW	3	SW	3	W	4	SSW	3	SW	6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu. NW
3	Calm	----	S	5	S	5	SW	3	SSW	4	SSW	2	10	Ci.-S.	Cu. SW	10	Ci.-S.	Fr.-N. W
4	S	3	S	4	S	5	S	3	S	2	S	3	5	Ci.-Cu.	Cu. SW	6	Ci.-S.	Cu. SSW
5	Calm	----	S	2	S	2	S	4	S	1	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
6	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
7	Calm	----	Calm	----	S	2	S	1	S	2	S	4	5	Ci.	Cu. SSW	6	Ci.-S.	Cu. SSW
8	Calm	----	Calm	----	S	2	S	2	S	1	Calm	----	7	A.-Cu. S	Cu.	3	Ci.	Cu. SW
9	Calm	----	SSW	1	SW	2	SW	2	Calm	----	Calm	----	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. W
10	Calm	----	S	2	S	2	W	3	SW	1	Calm	----	7	Ci.-S.	Cu. SSW	4	Ci.-S.	Cu.
11	Calm	----	Calm	----	SSW	3	SSW	4	Calm	----	Calm	----	5	Ci.-S.	Cu.	1	Ci.	Cu.
12	Calm	----	Calm	----	SSW	2	S	4	SSE	2	Calm	----	4	Ci.-S.	Cu.	2	Ci.	Cu.
13	Calm	----	Calm	----	W	1	SW	3	Calm	----	SE	2	5	Ci.	Cu.	4	Ci.	Cu. W
14	Calm	----	SSW	2	SSE	3	S	3	W	2	Calm	----	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Cu.
15	Calm	----	Calm	----	S	3	S	3	SW	2	SW	2	6	Ci.-S.	Cu.	5	Ci.-S.	Cu.
16	Calm	----	SSW	1	S	3	S	4	Calm	----	Calm	----	10	Ci.-S.	Cu.	1	Ci.	Cu.
17	Calm	----	Calm	----	S	2	SSW	2	Calm	----	Calm	----	4	Ci.	Cu. SW	6	Ci.-S.	Fr.-Cu. W
18	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
19	Calm	----	SSE	1	SSE	2	SE	2	Calm	----	Calm	----	10	Ci.-S.	Fr.-N.	3	Ci.	Cu. S
20	Calm	----	Calm	----	NW	1	Calm	----	NW	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SE
21	Calm	----	Calm	----	SW	2	SW	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
22	Calm	----	W	2	SW	2	SW	3	W	2	Calm	----	2	Ci.	Cu.	2	Ci.	Cu. W
23	Calm	----	Calm	----	NW	1	SW	2	W	2	Calm	----	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. W
24	Calm	----	SE	1	SSW	2	SSW	1	Calm	----	Calm	----	5	Ci.	Cu.	10	Ci.-S.	Fr.-N. W
25	Calm	----	Calm	----	SSE	2	S	1	Calm	----	S	1	6	Ci.	Cu.	3	Ci.	Cu.
26	Calm	----	NNE	1	SSE	3	SE	1	Calm	----	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu. SSE
27	Calm	----	Calm	----	S	3	SSW	1	Calm	----	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Fr.-N.
28	Calm	----	Calm	----	Calm	----	SSW	1	Calm	----	Calm	----	6	Ci.-S.	Cu.	3	Ci.	Cu.
29	Calm	----	ENE	2	SW	1	SW	2	Calm	----	Calm	----	10	Ci.-S.	Fr.-N.	6	Ci.-S.	Cu.
30	Calm	----	Calm	----	SSW	2	S	2	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. SW
Mean	------	0.2	------	0.9	------	2.2	------	2.3	------	0.8	------	0.7	6.3	------------	------------	5.4	------------	------------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.21	58.82	59.45	57.43	58.28	59.05	23.9	23.4	29.9	30	27.5	25.4	30.7	22.9	97	97	73	70	86	95	------
2	58.34	58.54	59.20	56.68	57.44	58.99	24	24.4	29.8	30.3	27.8	25.6	31.2	23	97	97	76	71	84	97	------
3	58.50	58.62	59.43	56.89	57.74	59.48	23.9	24.1	29.5	31.9	28	26.8	32.4	23.7	98	98	77	64	82	90	------
4	58.75	59.47	60.05	57.57	58.29	59.90	26.2	24	30	30.3	27.4	24.9	31.4	23.5	98	98	71	71	87	92	1
5	58.80	58.82	59.61	56.85	58.45	59.54	24	23.4	27	31.4	23.9	23.4	31.9	22.9	97	97	87	73	96	97	15
6	58.82	58.83	58.75	56.60	58.10	59.78	22.9	24	29	30.6	26	22.5	31.3	21.5	99	99	83	68	85	87	11
7	58.71	59.09	59.68	57.54	59.45	59.68	22.9	22.2	25.6	29.8	24.1	23.9	30.4	22	98	98	93	78	94	99	28
8	58.82	58.94	59.44	57.34	58.16	59	23	23.2	30	28.4	25.7	23.8	31.2	22.3	98	98	73	83	97	95	------
9	57.23	57.33	57.64	55.44	56.21	57.62	23	23.4	29	29.9	27	25.8	31.3	22.8	97	97	78	75	90	98	------
10	56.81	56.81	57.20	55.05	56.01	56.90	24	25.2	30	28.8	27.2	26.4	30.8	23.9	97	97	75	78	89	94	------
11	55.56	55.84	56.07	54.09	55.18	56.27	25.3	25.8	27.1	25	25.4	25	28.2	24.1	95	95	93	97	98	93	17.3
12	55.38	55.96	56.80	55.47	56.43	57.38	24	24.1	25.3	24.6	24.4	24.2	26.2	23.5	97	97	98	100	100	98	166.2
13	55.94	56.01	55.99	54.57	55.98	56.68	25	25.3	28.4	28.7	24.6	24.6	29.6	24.1	96	96	86	71	93	97	1.3
14	56.06	56.15	57.14	54.70	54.97	57.07	25.3	25.4	28.8	27.9	27	27	29.3	24.8	88	88	82	84	90	84	------
15	56.49	56.97	58.42	56.64	57.71	59.71	26.2	25.5	27	30	27	25.2	31	24.2	89	88	82	71	83	95	------
16	58.92	59.01	60.31	58.43	59.04	60.22	24.9	25	27.2	29.6	26.4	24.4	30.1	23.7	88	88	81	69	84	97	2.9
17	59.55	59.87	60.16	58.40	59.07	61	23.3	24.4	28.2	28.3	25.6	25.1	29.7	22.5	97	97	82	76	81	90	------
18	60.03	60.35	60.61	58.45	59.78	60.77	24.5	24.8	29.5	29.9	24.2	23.5	30.6	23	97	98	75	71	98	99	------
19	60.25	60.47	60.87	58.70	59.77	60.46	22.4	23.5	29.5	28.5	25.6	24.3	30.1	22	96	96	73	75	97	99	------
20	60.09	60.18	60.53	58.54	60.06	61.36	23.4	24.3	30	28	23.4	23.6	30.8	22.7	97	97	73	79	98	95	127.9
21	59.94	59.74	60.14	58.11	58.93	60.07	22.4	22.8	28.3	25.7	25.8	24.3	30.7	22.2	93	93	85	94	93	97	------
22	59.23	59.64	59.69	57.55	58.35	59.56	22.9	22.8	29.7	28.6	25	24.9	30.6	22.5	98	98	76	79	93	92	------
23	58.96	59.14	59.53	57.32	57.91	59.73	23.3	23.4	29.8	31.2	26.6	25.1	31.7	22.7	98	98	73	66	89	98	------
24	58.96	59.04	60.02	58.21	59.71	61.10	23.6	23.7	26.5	27.5	26.4	24.8	28.4	23.4	99	99	91	81	87	96	9.1
25	60.65	60.74	61.07	58.97	60	60.66	23.8	23.4	29.1	27.3	25.7	23.2	29.7	23	99	99	74	85	93	95	------
26	59.98	59.97	59.87	57.60	58.79	60.02	23.3	23.4	30.4	28.8	25.6	23.2	31.3	23	97	97	66	73	82	86	------
27	59.38	59.67	60.08	57.81	58.91	60.71	22.7	22.4	29.4	29.2	26.7	23.8	30	22	97	96	74	72	88	96	------
28	59.83	60.21	60.24	58.48	59.67	61.06	22.9	23.1	29.8	30.3	26.2	24.2	31	22	99	99	78	75	94	98	------
29	59.99	60.18	60.53	58.29	59.28	60.46	23.3	23.8	29.7	29.3	26.1	24.3	30.4	22.8	97	97	79	74	93	97	------
30	60.03	60.15	60.49	57.72	58.55	59.80	23.9	24.2	32.6	29.4	26.7	24.9	33.3	23.4	98	98	65	78	89	92	------
31	58.89	59.08	59.96	57.75	58.71	60.71	23.4	23.5	30.2	29.9	26.5	24.7	31.5	23	97	97	70	72	92	99	3.6
Mean	58.62	58.83	59.32	57.20	58.22	59.51	23.8	23.9	28.9	29	26	24.6	30.5	23	96.4	96.4	78.8	76.5	90.5	94.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	383.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	W	1	SE	2	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.	Cu.
2	Calm	----	Calm	----	SSE	2	SSW	2	Calm	----	Calm	----	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. W
3	Calm	----	Calm	----	SSE	2	SW	3	Calm	----	S	2	8	Ci.-S.	Cu. SW	2	Ci.	Cu.
4	Calm	----	Calm	----	W	3	S	3	Calm	----	Calm	----	8	Ci.-S.	Cu.	2	Ci.	Cu.
5	Calm	----	Calm	----	S	2	SW	1	W	1	Calm	----	5	Ci.-S.	Cu.	3	Ci.	Fr.-Cu. W
6	Calm	----	S	1	SSE	1	SSW	1	Calm	----	Calm	----	10	Ci.-S.	Cu. SSW	4	Ci.	Cu. SW
7	S	2	Calm	----	SSE	2	SE	2	SW	2	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. S
8	Calm	----	Calm	----	SSE	1	SE	1	Calm	----	Calm	----	1	Ci.	Cu.	9	Ci.	Cu. S
9	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	4	Ci.	Cu.	9	Ci.-S.	Cu.
10	Calm	----	SSE	1	S	1	SW	2	SW	1	SW	2	10	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Fr.-Cu.
11	SSW	2	SSW	2	SSW	4	SSW	5	S	3	SSW	3	10	Ci.	Fr.-N. W	10	Ci.-S.	Fr.-N. SW
12	SSW	2	SSW	5	SSW	5	SSW	2	S	4	S	2	10	Ci.-S.	Fr.-N.	10	------------	N. SW
13	S	2	S	1	S	2	S	3	SSW	3	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
14	S	1	Calm	----	SSW	4	SSW	5	Calm	----	S	2	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.
15	S	3	S	6	S	4	W	4	S	2	S	3	9	Ci.-S.	Cu.	5	Ci.-S.	Cu.
16	SSW	2	SSW	3	W	5	SW	1	SW	3	SSW	2	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
17	Calm	----	SSE	2	SW	3	SW	2	SW	2	SW	1	7	Ci.-S.	Fr.-Cu. SSW	7	Ci.-S.	Cu.
18	Calm	----	Calm	----	SSW	2	SSW	2	Calm	----	Calm	----	8	A.-Cu.	Cu.	8	Ci.-S.	Cu. SW
19	Calm	----	SW	1	SW	1	SSW	2	Calm	----	Calm	----	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
20	Calm	----	Calm	----	SW	1	SSW	1	SE	1	SE	1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
21	Calm	----	Calm	----	SSE	1	SSE	1	Calm	----	Calm	----	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
22	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	7	Ci.-Cu.	Cu.	7	Ci.-S.	Cu.
23	Calm	----	SE	1	W	2	SSW	1	Calm	----	Calm	----	3	Ci.	Cu.	2	Ci.	Cu.
24	Calm	----	Calm	----	SSE	1	Calm	----	Calm	----	Calm	----	5	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. SE
25	Calm	----	Calm	----	E	2	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	7	Ci.-S.	Fr.-Cu. SE
26	Calm	----	Calm	----	SE	2	SE	3	S	1	Calm	----	2	A.-Cu.	Cu.	4	Ci.	Cu. E
27	Calm	----	E	1	SSE	1	S	3	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. SE
28	Calm	----	NNE	1	NE	2	SSE	3	Calm	----	Calm	----	4	Ci.-S.	Cu.	3	Ci.	Cu.
29	Calm	----	E	1	NW	1	SW	2	Calm	----	Calm	----	7	Ci.	Cu. ESE	6	Ci.	Cu.
30	Calm	----	Calm	----	S	3	SE	1	Calm	----	Calm	----	5	Ci.	Cu. SE	7	Ci.	Cu. ENE
31	Calm	----	NE	1	W	2	SW	3	Calm	----	Calm	----	8	Ci.-S.	Cu.	2	Ci.	Cu.
Mean	-------	0.5	-------	0.9	-------	2.1	-------	2.1	-------	0.7	-------	0.6	6.7	------------	------------	6.5	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.29	59.21	59.88	57.90	59.17	60.51	23.2	23.1	28.8	27	26.3	24.2	30.4	22.6	99	99	83	92	94	98	------
2	59.08	59.86	59.77	57.86	59.12	60.22	23.7	24.3	30.6	27	25.9	24.4	31.2	22.8	97	97	73	98	98	97	8.4
3	59.90	60.11	60.13	57.93	58.61	59.95	23.8	23.3	30.7	26.6	26.2	24	31.2	22.5	97	97	72	95	94	98	.5
4	58.94	59.72	59.93	57.96	59.07	60.40	23	23.2	29.8	27.7	24.8	24.2	30.6	22.2	98	98	80	85	98	98	7.4
5	59.67	59.66	60.26	58.23	59.25	60.07	24	24.1	29.6	25.1	24.7	23.9	31	23.4	99	99	80	99	99	96	37.8
6	59.57	59.87	60.20	57.97	59.06	60.06	23.1	23.5	29.5	26.1	25.7	24	30	22.8	96	96	84	98	97	100	26.4
7	58.94	59.53	60.16	57.91	58.51	60.46	23.8	23.9	30	28.5	26.8	24.3	31.3	23.4	97	97	74	90	94	99	------
8	59.28	59.86	60.06	58.39	58.67	60.57	23.9	24.1	28.2	26.2	25	23.9	30.3	23.1	97	97	85	97	98	99	42.4
9	59.95	60.47	60.85	58.10	57.77	59.80	23.1	23.8	27.9	28.5	25.8	24.4	31.2	22.8	97	97	84	83	88	97	------
10	58.93	59.21	59.98	57.19	58.68	60.16	24.1	23.5	31.6	29.2	26.4	24.1	32.3	23	96	96	70	78	95	98	------
11	58.97	59.39	59.88	57.62	59.26	60.31	22.2	22	30.3	29.9	25.8	23.7	31	20.9	98	98	68	75	88	97	------
12	59.69	60.17	60.72	58.80	59.40	60.53	22.7	23.3	27.5	28.6	24.7	23	30.1	21.8	97	97	87	83	96	98	.5
13	59.90	60.49	60.68	58.33	58.87	60.47	22.3	23.2	30.5	29.1	24.8	23.5	31.7	21.6	98	98	64	67	92	97	------
14	59.63	59.83	60.36	58.34	59.50	60.29	21.1	20.7	29	30.6	24.8	23.9	31.2	19.3	94	94	64	59	89	92	------
15	59.50	60.19	61.01	59.22	60.27	61.72	22.5	22.6	30.2	29.5	25.5	22.9	31.2	21.4	99	99	74	72	88	99	------
16	61.45	61.54	61.63	59.73	60.25	61.06	22	22.5	29.7	25.7	25	23.3	30.6	21.7	99	99	77	94	98	90	------
17	60.52	60.56	60.95	58.96	59.90	61.23	22.9	22.6	29.5	28.4	25.7	23.9	32	22	95	95	77	82	95	94	------
18	60.67	61.65	61.75	59.64	60.27	61.21	22.9	22.5	29.9	28.5	26.3	25	31	22	99	99	79	81	93	98	------
19	60.73	61.02	61.50	59.75	60.20	61.50	24	23.7	30.6	29.5	26.6	24.6	30.7	22.6	94	94	72	83	98	97	1.3
20	60.62	61.12	61.82	59.59	60.25	60.54	22.9	22.5	29.8	31	26	25.3	31.9	21.9	99	99	72	71	91	92	------
21	60.63	60.72	60.95	58.66	59.77	60.43	24.6	23.9	28.5	28.4	25.6	23.7	30.7	22.8	99	99	80	83	98	99	1.8
22	59.33	59 44	59.73	58.21	59.40	60.76	22.4	23.1	29.7	29.8	25.9	24.3	30.2	21.9	99	99	82	78	98	98	1.5
23	60.46	60.75	61.28	59.23	60.16	61.75	22.2	21.4	29.3	29.3	26.2	24.1	31	20.8	96	96	76	78	94	98	------
24	61.35	61.24	61.62	59.49	60.80	61.51	23.2	22.6	30.2	29.8	26.1	23.5	32.9	21.9	96	96	67	69	82	98	2.3
25	60.63	61.02	61.35	58.83	59.64	60.44	23.4	23.1	28.3	30.4	26.2	22.4	32	21.3	99	99	80	54	76	95	------
26	58.77	59.06	59.48	57.14	57.61	58.87	22.6	23.1	29.7	29.6	25.5	23	31.4	21.7	99	99	69	72	91	98	------
27	57.43	57.84	58.93	57	57.80	58.63	22.4	22.3	29.7	29.5	26	23.3	30.3	21.4	97	97	71	80	89	99	------
28	58.12	59.13	59.79	57.35	57.80	59.37	22.2	22.9	30.1	30.5	26.1	22.4	30.8	21.3	97	97	69	72	91	96	------
29	59.14	59.14	59.50	57.40	58.10	59.56	21.7	22.1	30.3	29.9	26.2	23.7	30.7	21.1	99	99	72	73	92	99	------
30	59.07	59.16	60.05	58.14	59.15	59.75	23.7	23	27.7	30.8	25.9	24.5	30.9	22.6	99	99	90	74	95	98	.5
Mean	59.67	60.03	60.47	58.36	59.21	60.40	23	23	29.6	28.7	25.8	23.8	31.1	22	97.5	97.5	75.8	80.5	93	97.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	130.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	2	SW	1	Calm	----	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
2	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	Calm	----	8	Ci.-S.	Cu.	5	Ci.	Cu.
3	Calm	----	Calm	----	SE	2	SE	1	Calm	----	Calm	----	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
4	Calm	----	NE	1	E	1	Calm	----	Calm	----	Calm	----	1	Ci.	Cu.	8	Ci.-S.	Cu.-N.
5	Calm	----	Calm	----	SE	2	E	1	Calm	----	Calm	----	7	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
6	Calm	----	Calm	----	SSW	1	Calm	----	Calm	----	Calm	----	7	Ci.-S.	Cu.	10	Ci.-S.	N.
7	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
8	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	7	Ci.-S.	Cu. E	10	------------	N.
9	Calm	----	NE	1	SSE	1	SE	3	NNE	1	Calm	----	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
10	Calm	----	Calm	----	E	2	SE	3	Calm	----	Calm	----	9	Ci.-S.	Cu.	5	Ci.-S.	Cu.
11	Calm	----	Calm	----	E	2	SE	1	Calm	----	Calm	----	10	Ci.-S.	Cu.	3	Ci.	Cu. E
12	Calm	----	Calm	----	ENE	1	SE	3	Calm	----	Calm	----	3	Ci.	Cu.	5	Ci.-S.	Cu. E
13	Calm	----	NE	1	NNE	2	SSE	1	Calm	----	Calm	----	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
14	Calm	----	NE	1	NNE	3	NE	3	Calm	----	NNE	1	10	Ci.-S.	Cu.	3	Ci.-S.	Cu.
15	Calm	----	NNE	1	NE	1	N	3	Calm	----	Calm	----	9	A.-Cu.	Cu.	5	Ci.-S.	Cu. NE
16	Calm	----	NE	1	NNE	2	SSE	3	SE	1	NNE	1	1	Ci.	Cu.	10	Ci.-S.	Cu.-N. ENE
17	NNE	1	NNE	1	NNW	2	S	3	ENE	1	Calm	----	2	Ci.	Cu.	7	Ci.	Cu.-N.
18	Calm	----	E	1	NNW	2	SE	3	Calm	----	Calm	----	2	Ci.	Cu.	6	Ci.-S.	Cu.-N.
19	Calm	----	NNE	1	N	1	SSE	1	Calm	----	Calm	----	1	------------	Cu.	1	Ci.	Fr.-Cu. E
20	Calm	----	NE	2	NNE	2	WNW	2	NNE	1	NNE	2	1	Ci.	Cu.	1	Ci.	Cu.
21	Calm	----	SSW	1	SSE	2	SSE	1	NNE	1	Calm	----	4	Ci.	Fr.-Cu. SE	9	Ci.-S.	Cu. SE
22	Calm	----	Calm	----	NE	1	SE	3	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. E
23	Calm	----	NNE	1	NNE	1	SE	2	Calm	----	NNE	2	2	Ci.	Cu.	4	Ci.	Cu. ENE
24	N	1	NNE	1	E	2	SSE	2	NNE	1	NNE	1	1	Ci.	Cu.	6	Ci.	Cu. ENE
25	Calm	----	NE	1	E	2	NE	1	NNE	1	Calm	----	1	Ci.	Cu.	8	Ci.-S.	Cu. ENE
26	Calm	----	SE	1	E	2	SSE	3	Calm	----	NE	1	7	Ci.-S.	Cu.	1	Ci.	Fr.-Cu. SE
27	Calm	----	NE	1	SSE	4	SSE	3	Calm	----	Calm	----	8	A.-Cu.	Cu. E	2	Ci.	Cu.
28	Calm	----	Calm	----	SSE	2	SE	2	Calm	----	NNE	1	6	Ci.	Cu. ENE	1	------------	Cu.
29	Calm	----	Calm	----	SW	2	SSW	2	NNE	1	Calm	----	2	Ci.-S.	Cu.	1	------------	Cu.
30	Calm	----	NE	1	NNE	1	NE	1	Calm	----	Calm	----	5	Ci.	Cu. ESE	7	Ci.-S.	Cu.-N.
Mean	------	0.1	------	0.6	------	1.7	------	1.8	------	0.3	------	0.3	4.8	------------	------------	5.8	------------	------------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.09	59.81	60.25	58.35	59.07	60.11	23.9	24.2	27.9	29.9	25.4	23.2	30.7	22	98	98	84	79	95	97	------
2	59.65	60.02	60.48	58.84	59.95	60.59	22.1	22.8	28.7	29.1	25.5	23.9	30	21.8	99	99	85	81	98	99	0.5
3	59.73	60.72	61.32	59.87	60.76	61.54	21.3	21.4	29.5	30	25.7	22.3	30.5	20.4	100	100	70	79	94	99	------
4	60.71	61.43	61.73	60.11	60.85	61.70	20.7	22.4	30.1	28.7	26	23.8	30.7	20.4	96	96	69	87	94	98	2.8
5	60.92	61.30	62.04	59.63	61.08	61.69	23	23.4	27.9	29.5	25	23.8	30	22	98	98	82	72	88	97	------
6	60.90	61.28	61.40	59.16	60.10	61.20	23	23.2	30.3	32.2	26.1	24	32.8	22	98	98	68	58	86	95	------
7	60.02	60.32	61.10	58.96	59.92	61.12	23	23.8	27.4	28.3	25.7	23.9	28.9	22.3?	93	93	89	86	84	91	------
8	59.57	59.69	60.41	57.83	59.12	60.33	22.8	23	28.1	30	26.1	23.6	30.7	21.8	98	98	88	84	94	99	------
9	59.44	59.54	60.17	57.14	58.70	59.89	22.6	22.6	30.1	28.9	26.2	24	30.8	22.3	95	95	73	81	98	97	------
10	59.47	59.67	60.54	58.21	58.93	60.44	22.4	20.8	29.9	31.9	26.7	24	32.3	20.6	93	93	77	67	90	97	------
11	59.46	59.57	60.03	57.55	58.39	59.66	22.8	23.5	30.2	30.3	27.1	23.9	31.3	22.5	96	96	78	75	82	99	------
12	58.94	59.42	59.75	57.12	57.89	59.30	22.4	23	31.8	29.9	27.2	24.9	32.8	21.2	99	99	67	84	89	98	------
13	59.34	59.64	59.83	57.54	58.50	59.92	23.1	22.7	30.1	28.2	25.9	24	31	21.7	99	99	77	93	97	95	1.8
14	57.08	57.88	59.05	56.93	58.30	59.38	23.4	21.8	28.7	29.9	25.2	23.9	30.7	21.5	93	93	82	86	96	97	3
15	58.24	58.32	58.96	57.05	57.98	59	23.3	23.1	28.5	27.7	24.9	24.2	30.3	22.8	99	99	84	94	96	98	34
16	59.12	59.93	60.02	57.96	58.94	60.03	24	23.9	28.9	27.9	26.5	23.8	30.4	23.1	94	94	84	91	99	97	5.3
17	59.12	59.74	60.34	58.21	59.35	60.27	23	22.4	28.8	28.3	25.7	24.9	30.3	21.9	97	96	85	87	93	99	------
18	59.69	59.91	60.10	58.58	59.43	60.30	23.5	23.4	30.7	29.1	26.9	25.3	31	23	97	97	79	86	91	94	------
19	59.95	60.44	61.12	58.85	60.45	61.47	24.2	23.8	28.9	30.7	26.2	23.9	31.3	22.2	98	98	76	75	81	96	------
20	60.78	60.89	61.55	59.88	60.75	61.19	21.4	22.1	28.8	26	24.8	23.3	29.5	21.2	98	98	82	95	97	97	43.5
21	60.44	60.72	60.85	58.86	59.64	60.14	23.2	23.2	26.5	24.9	24	23.5	27.3	22.9	98	98	92	99	97	96	7.6
22	59.03	58.94	59.76	57.31	58.06	59.83	22.9	22.4	28.7	25.8	24.5	23.6	29.4	22.2	99	99	80	98	97	95	16.5
23	59.07	58.66	59.01	57.88	58.84	59.88	23	22.7	27.6	29.6	25.3	23.4	29.9	22.5	97	97	87	66	96	98	------
24	59.04	59.07	59.87	57.28	58.52	59.47	22.9	22.7	28.8	29.7	25.1	23.1	30.1	22.4	98	98	82	76	89	97	------
25	58.83	58.91	59.83	57.66	58.80	59.75	24.5	23.1	28.5	29.7	26.6	24.7	30.3	22.8	99	99	83	79	94	97	------
26	58.92	59.30	60.40	57.86	58.74	59.90	24.9	24.3	28.2	29.4	26.8	24.6	29.9	24	98	97	88	79	86	98	2.3
27	58.51	59.02	59.92	57.52	58.76	59.77	21.2	23.7	25.1	30	25.8	24.3	30.8	22.8	99	99	99	74	98	97	------
28	58.89	59.57	60.39	58.28	59.37	60.48	23	23.6	28.4	29.3	25.3	23	31.8	22.1	95	95	80	85	92	100	------
29	59.57	60.27	61.55	59.09	60.54	61.69	22.1	23.3	28	28.4	25.5	24	30.9	21.8	97	97	83	86	98	97	1.8
30	60.81	61.60	62.75	60.53	61.85	63	23.6	23.1	31	30.7	26.5	24.4	31	22.9	99	99	71	79	91	99	------
31	61.95	62.55	63.24	60.87	61.71	63.52	23.7	23.3	30.2	28.6	26.5	23.7	31.9	23	97	97	70	82	91	99	------
Mean	59.56	59.94	60.57	58.42	59.45	60.53	23	23	28.9	29.1	25.8	23.9	30.6	22.1	97.2	97.2	80.5	82	92.6	97.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	119.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	NE	1	NE	2	SE	2	Calm	----	Calm	----	8	Ci.-S.	Cu. ENE	4	Ci.	Cu. NE
2	Calm	----	E	1	NNW	1	SE	2	NE	1	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. NE
3	Calm	----	Calm	----	SSE	2	SSE	3	NNE	1	Calm	----	3	Ci.	Cu.	5	Ci.	Cu. NE
4	Calm	----	Calm	----	N	3	NNE	2	NE	2	NNE	1	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. NE
5	Calm	----	Calm	----	N	4	E	3	NE	1	Calm	----	8	Ci.-S.	Cu. NNE	5	Ci.-S.	Fr.-Cu. NE
6	Calm	----	Calm	----	ENE	3	SE	4	NNE	1	Calm	----	7	Ci.-S.	Fr.-Cu. E	2	Ci.	Cu.
7	Calm	----	Calm	----	ENE	2	ENE	2	ENE	2	NE	1	10	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. E
8	Calm	----	SE	1	E	3	SSE	2	NNE	1	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
9	Calm	----	NNE	1	NNE	2	NNE	2	Calm	----	Calm	----	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
10	Calm	----	NE	1	ESE	4	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	2	Ci.	Fr.-Cu. SE
11	Calm	----	Calm	----	SE	2	SSE	3	NE	1	Calm	----	2	Ci.-Cu.	Cu.	2	Ci.	Cu. SE
12	Calm	----	Calm	----	NE	2	SE	3	NNE	2	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. ENE
13	Calm	----	Calm	----	NNE	2	SE	4	NNE	2	Calm	----	3	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
14	Calm	----	NE	1	NNE	2	Calm	----	ENE	2	Calm	----	3	A.-Cu.	Cu.	9	Ci.-S.	Cu. E
15	Calm	----	N	1	SE	2	SSE	1	Calm	----	Calm	----	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
16	Calm	----	NNE	1	E	2	SE	3	Calm	----	ENE	1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-Cu. E
17	E	1	Calm	----	E	1	SSE	4	Calm	----	NNE	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
18	Calm	----	NNE	1	NE	2	SSE	1	NE	1	Calm	----	2	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
19	Calm	----	Calm	----	SE	3	SE	1	Calm	----	Calm	----	10	Ci.-S.	Cu.	4	Ci.	Cu. ENE
20	Calm	----	Calm	----	NE	3	SSE	2	NE	1	Calm	----	7	Ci.-S.	Cu.	10	------------	N. SE
21	Calm	----	Calm	----	NNE	2	Calm	----	Calm	----	Calm	----	10	------------	N.	10	Ci.-S.	N.
22	Calm	----	N	1	E	2	SSE	2	NNE	2	Calm	----	4	Ci.-S.	Cu.	10	------------	N. SE
23	Calm	----	Calm	----	Calm	----	SE	2	NNE	1	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
24	Calm	----	Calm	----	SE	2	NW	2	NNE	2	NNE	1	8	Ci.-S.	Cu.	4	Ci.	Cu.
25	Calm	----	NE	1	E	2	SE	2	NNE	2	Calm	----	8	Ci.-S.	Cu. ENE	3	Ci.	Cu.
26	Calm	----	Calm	----	SE	2	SE	3	NNE	2	Calm	----	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.
27	Calm	----	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. NE	3	Ci.	Cu.-N.
28	Calm	----	Calm	----	NNE	2	SE	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
29	E	2	NE	2	E	2	Calm	----	NNE	2	Calm	----	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
30	Calm	----	Calm	----	E	1	SE	2	Calm	----	NNE	1	5	Ci.-S.	Cu.	5	Ci.	Cu. E
31	Calm	----	NE	1	NE	1	SSE	4	Calm	----	Calm	----	4	Ci.-S.	Cu.	5	Ci.	Cu. SE
Mean	-------	0.1	-------	0.5	-------	2	-------	2.2	-------	0.9	-------	0.2	6.8	------------	------------	6.9	------------	------------

SURIGAO.

[$\phi=9°$ 48′ N; $\lambda=125°$ 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.91	59.01	59.90	58.32	58.67	58.90	26	26	27.1	25.5	25.5	24.5	28.5	24.3	92	91	84	92	92	96	13.8
2	58.15	58.73	59.40	57.04	57.76	58.93	23.5	23.1	28.7	29.5	27	26	30.8	22.8	98	97	74	69	78	84	------
3	57.96	58.45	59.20	57.65	58.20	59.20	24.6	24	29.5	30.9	25.7	25.9	31.3	24	------	------	------	------	------	------	------
4	58.60	59.30	60.36	58.83	59.04	59.90	23	23.4	26.9	27	24	23	29.6	22.6	------	------	85	86	95	91	20.6
5	58.91	58.93	59.59	57.65	58.04	59.78	25	25.2	29	30.3	25.8	23.3	30.3	22	67	66	74	68	84	94	.3
6	59.19	58.73	59.26	56.96	57.38	58.33	21.8	20.9	28.1	28	26.3	25	29.8	20.8	93	95	77	76	86	92	2.5
7	57.90	57.88	59.11	57.18	57.86	58.93	23.2	23.9	25.4	26.6	24.3	25.5	27.1	22.3	98	96	88	90	96	89	13.9
8	58.42	58.47	59.34	58.06	58.72	59.40	24	23.1	28.6	27.5	25	25	30.4	22.3	98	97	79	87	92	92	6.9
9	58.43	58.36	59.25	57.50	57.95	58.45	23.8	23.5	29.4	27.7	26.9	24.4	29.4	22.9	93	96	71	81	83	98	6.6
10	58.21	58.13	59.81	57.67	58.21	59.07	23.9	24	27	30	27	23.7	30	21.8	96	98	83	65	77	94	.5
11	58.42	59.15	60.52	58.48	58.88	59.95	21	21.3	29.5	31	26.8	23.5	31	20.7	98	99	68	59	72	92	------
12	59.45	59.91	60.41	58.44	59.25	60.14	21	20.1	29.1	31.1	26.7	24.5	31.6	19.9	96	97	62	56	71	84	------
13	59.91	60.01	61.30	59.09	59.83	60.52	21.5	20.4	28.8	30	26.3	25	31	20.1	95	98	72	69	90	95	6.6
14	60.02	60.03	61.30	59.53	60.24	61.16	21.9	21.3	28.9	31.1	26.3	21.7	31.7	20.8	94	95	70	60	85	97	------
15	60.97	60.88	62.07	60.02	60.46	61.89	20.9	19.3	28	30	26	22.6	31.7	19	99	97	74	67	87	88	------
16	61.17	61.25	62.76	60.08	60.91	61.10	20.5	19.8	28	30.8	26.3	22.1	30.9	19.6	95	94	77	62	85	90	------
17	61.03	61.17	62	59.69	60.05	61.10	19.9	18.9	29.1	31.1	25.8	21.7	31.1	18.7	93	97	70	61	84	90	------
18	60.37	60.95	62.09	59.68	60.17	61.04	19.9	19	29	30	26	24	30.9	18.8	93	98	71	66	84	95	------
19	60.48	60.95	61.69	59.98	60.21	61.35	22.3	20.9	27.4	30.9	26.1	25	31.2	20.4	96	92	77	61	85	92	------
20	61.03	61.65	62.36	60.35	60.86	61.27	21.1	20.5	28	25.8	25.1	24.9	32.1	20	95	93	77	85	91	91	2.8
21	61.06	61.13	62.52	60.34	60.77	61.17	20.3	19.5	24.9	28.8	23	21.9	29.3	19.1	95	95	91	73	93	96	9.4
22	60.87	61.10	62.47	60.61	60.88	61.52	21	20	28.5	28	26.1	25	31.5	19.7	98	98	74	79	86	90	.8
23	61.07	61.88	62.67	60.61	60.80	61.01	24.5	21.2	26.1	29.5	26	25.1	30.5	20.8	91	98	85	68	85	89	3.8
24	60.90	61.06	62	59.91	60.35	61.82	24.9	24.2	29.5	30.1	26.3	25	30.9	21.7	89	91	64	63	80	90	.8
25	61.03	61.10	62.31	60.61	61.09	62.07	21	20.7	26.9	30.2	26.7	25.3	30.8	20.3	93	94	83	64	82	88	.5
26	61.79	62.02	63.19	61.19	61.46	62.35	25	24.3	28	29.7	23.3	24.3	30.2	22.1	88	91	71	60	90	84	17.8
27	61.91	62.04	63.66	61.43	61.80	62.23	23.1	25	22	25.7	23.3	22	25.9	21.8	90	85	98	78	96	98	104.9
28	61.01	61.33	62.58	60.65	61.09	62.07	23	22.7	24.6	25	24.7	22.1	27	21.1	93	97	87	90	86	97	29.7
29	61.97	61.44	62.53	60.50	60.92	62.10	21	21	24	27.8	25.6	24.2	28	20.7	95	93	91	74	87	91	69.2
30	61.16	61.35	63.46	61.35	61.09	62.23	24.1	22.9	24.9	25.7	26.1	24.8	26.3	22.4	91	97	84	80	77	85	16.3
31	61.98	62.05	62.99	60.71	61	62.04	26.2	22	26.7	29	26	26.5	29.8	21.7	73	98	79	65	79	76	34.6
Mean	60.07	60.27	61.36	59.36	59.80	60.68	22.7	22	27.5	28.8	25.7	24.1	30	21.1	92.6	94.2	73	71.8	85.3	90.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	362.3

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	E	SE	E	Calm	94.1	108.6	66	30.4	299.1	4	------	Cu.-N.	9	------	Cu.-N.
2	Calm	Calm	ENE	ENE	ENE	ENE	22.2	54.1	100.4	80.5	257.2	1	Ci.	Cu.-N.	4	Ci.	Cu.-N.
3	------	------	------	------	------	------	62	50.9	70.6	59.8	243.3	5	------	Cu.-N.	------	------	------
4	------	------	Calm	E	Calm	E	19.3	39.6	74.3	25.7	158.9	------	------	------	10	Ci.-S.	Cu.-N. ESE
5	E	E	E	E	ENE	E	85.3	119.1	129.2	90.1	423.7	9	Ci.-S.	Cu.-N. ESE	8	Ci.-S.	Cu.-N. ESE
6	E	Calm	EbyN	NE	E	E	32.2	64.7	132.5	87.7	317.1	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
7	Calm	E	E	E	E	E	29.8	63.8	66.6	49.3	209.5	10	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	Fr.-N. ESE
8	Calm	E	EbyN	EbyN	E	E	34.4	37	95.5	55.8	222.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. ESE
9	E	Calm	EbyN	E	Calm	E	19.8	34	57.9	26.8	138.5	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ESE
10	Calm	Calm	E	ENE	E	E	44.1	67.8	107.8	45.4	265.1	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. E
11	E	Calm	E	ENE	E	Calm	17.7	56.5	93.6	53.9	221.7	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
12	E	Calm	E	ENE	ENE	ENE	25.5	59.7	113.5	59.5	258.2	0	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. ESE
13	Calm	E	ENE	ENE	ENE	ENE	29	54.7	111.3	78.3	273.3	1	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
14	ENE	E	E	ENE	ENE	Calm	27.7	52.8	77.5	26.9	184.9	4	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N. NE
15	Calm	ENE	ENE	ENE	ENE	Calm	24.9	24.6	57.9	33.8	141.2	2	Ci.-S.	Cu. NE	4	Ci.-S. N	Cu. NE
16	ENE	Calm	Calm	NE	ENE	ENE	29	17.7	58.1	51.2	156	3	Ci.-S.	Cu. NE	4	Ci.-S.	Cu.-N. E
17	Calm	Calm	E	ENE	ENE	ENE	27.1	25.4	66	45.4	163.9	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. NE
18	Calm	Calm	Calm	NNE	NNE	Calm	32.8	28.7	65	36.4	162.9	1	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
19	Calm	ENE	ENE	NNE	NNE	NNE	20.3	35.4	78.9	55.5	190.1	1	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. NE
20	Calm	Calm	NNE	NE	NNE	NNE	25.7	26.2	83.5	45.1	180.5	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Fr.-N. E
21	Calm	NNE	Calm	Calm	Calm	Calm	27.4	42.3	46.2	22.5	138.4	0	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Fr.-N. NE
22	Calm	Calm	ENE	ENE	ENE	ENE	23.6	44	81.6	76.6	225.8	0	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
23	Calm	ENE	ENE	ENE	ENE	ENE	36.5	37.5	105.1	94.4	273.5	1	Ci.-S.	Cu. NE	5	Ci.-S.	Cu.-N. NE
24	ENE	ENE	ENE	ENE	ENE	ENE	75.3	67.9	114.3	65.2	322.7	10	Ci.-S.	Fr.-N. NE	4	Ci.-S.	Cu.-N. NE
25	ENE	Calm	ENE	NE	ENE	ENE	20.9	58.7	181	96.6	357.2	4	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
26	ENE	Calm	ENE	EbyN	ENE	ENE	91.7	101.1	134.7	111	438.5	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N. NE
27	ENE	EbyN	ENE	ENE	ENE	NE	135.2	151	74	81.1	441.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
28	NE	NE	NE	NE	NE	NE	63.8	136.6	105.9	70.3	376.6	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. ENE
29	Calm	Calm	N	N	N	N	23.8	30.6	95	56.9	206.3	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N. ENE
30	N	N	E	E	E	E	92.7	118.8	122.6	160.9	495	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
31	E	Calm	ENE	E	E	E	98.5	127.6	165.7	164.1	555.9	10	Ci.-S.	Cu-N. ENE	10	Ci.-S.	Cu.-N. ENE
Mean	------	------	------	------	------	------	44.9	62.5	94.6	65.7	267.7	5.3	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,299	------	------	------	------	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61	61.22	62.99	61.47	61.26	61.97	26.5	24	26	25	24	25	26.5	22.7	76	90	79	83	91	83	31.2
2	60.98	60.98	61.77	59.96	60.06	61	23.9	24.8	24.3	25.1	24	24.7	26.2	22.7	91	85	91	86	91	86	52.5
3	59.63	59.98	60.84	58.72	59.91	60.83	23.4	23.7	26.1	25.3	23.8	23.9	26.1	23	97	94	91	89	98	96	62.7
4	59.86	59.90	60.55	58.46	59	59.66	22.8	21.6	28	29.8	26.8	24.9	31.1	21.3	98	98	76	67	84	98	4.5
5	59.24	59.96	61.03	59.19	59.77	60.87	24.9	24.1	30	28.1	26.1	23.3	30.3	22.2	94	97	67	78	86	94	25.4
6	59.94	60.03	61	59.49	60.07	61.04	21.9	21	27	27.9	23.7	23.3	28.8	20.7	97	98	83	78	92	94	7.9
7	60.61	60.93	61.59	59.69	59.85	60.90	22.9	21.9	26.8	29.6	26.6	25.3	30	21.5	94	99	78	69	83	86	7.6
8	60.01	60	61.28	59.11	59.52	60.84	21.5	21.1	25.7	30	26	24.3	31.7	20.7	97	97	84	65	84	94	6.6
9	60.10	60.43	61.51	60.04	59.72	60.22	23.5	22.5	29.4	28.4	26	23.3	30.3	21.7	97	94	64	69	87	92	2.6
10	59.62	60.08	61.90	60.09	60.01	61	22	22.1	28	30	26.5	21.3	31.2	19.9	98	97	73	62	80	92	------
11	60.88	61.02	62.31	60.43	60.84	61.86	20	18.9	29.2	31.8	27	25.5	32.6	18.5	98	99	63	54	75	80	------
12	61.07	61.93	62.49	60.36	60.26	61.61	23.1	20	29.3	30.9	27.7	25.8	31.3	19.5	92	98	62	53	65	75	2.8
13	60.98	61.02	62.25	60.15	60.89	62.06	22.5	21.7	28.8	31.3	27.7	23.6	31.3	21.1	90	94	64	53	73	95	32
14	61.70	61.74	63.17	62.09	62.01	63.11	22.9	25.1	25.7	27.5	26.6	26	28.1	21.9	96	81	77	72	77	78	------
15	62.79	62.18	63.84	62.04	61.92	63.10	25.2	23.3	28	31	27.4	25.3	31.4	21.9	83	96	70	58	76	89	------
16	63.01	63	64.43	61.91	61.99	62.95	20.9	20.1	28.1	31.8	27.5	25.1	32.3	19.6	88	91	65	54	73	83	------
17	61.93	61.78	63.20	60.97	60.95	61.81	23	24.7	27.5	28	26.8	24.9	30.2	21.6	98	79	66	59	69	79	3.6
18	60.97	60.81	61.54	59.63	59.89	60.09	25.1	24.8	28.1	29	27	26.3	30.1	24.4	76	77	65	62	77	82	4
19	59.11	59.12	60.21	58.96	59.28	60.11	25.9	23.9	26.3	25	22.3	24.3	29.3	21.9	85	99	83	87	90	89	66.5
20	59.42	59.22	60.01	57.58	57.93	59.37	24.1	22.5	25	27	26.8	25.1	29.6	21.9	91	97	83	77	78	89	13.5
21	58.88	58.68	59.76	57.95	58.17	59.84	23.2	23.5	28.5	29.3	26.8	24.9	29.9	21.8	98	92	67	64	80	89	5.4
22	58.89	58.32	59.52	57.94	57.89	58.96	24.5	22	28.3	30.8	29	25.7	31	21.5	89	98	68	57	65	80	------
23	58.20	58.24	59.61	58.12	58.02	59	23.1	22	28	31.6	27	23.3	31.6	21.6	90	98	66	53	75	96	4.1
24	58.12	57.98	59.30	57.86	58.66	59.42	23.7	24.7	26.8	30.4	26.5	25	30.9	22.9	92	87	86	64	86	95	8.9
25	59.18	59.43	60.81	58.95	59.11	60.08	24.7	23.3	29.8	27.9	26.8	24.3	30.5	22.3	91	97	66	79	86	92	1.5
26	59.49	59.10	60.35	58.36	58.23	59.62	22.3	21.5	29.9	29.9	28	23.9	31.1	20.8	90	97	65	65	77	91	4.3
27	58.88	59	59.97	58.04	58.06	59.01	21.7	21.6	26	27.3	26.7	24.9	28.8	21	92	93	89	82	86	96	6.8
28	58.63	58.59	59.65	58.04	58.01	59.88	25.2	22.1	29	32	27.7	26.1	32.1	21.4	93	97	71	57	81	91	9.2
Mean	60.11	60.17	61.32	59.49	59.69	60.72	23.4	22.6	27.6	29	26.4	24.6	30.2	21.5	91.8	93.5	73.6	67.7	80.9	88.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	363.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	ENE	ENE	ENE	ENE	139.2	206.5	191.3	146.1	683.1	10	Ci.-S.	N. E	10	Ci.-S.	Fr.-N. E
2	ENE	ENE	ENE	ENE	EbyN	Calm	133.1	172	133.4	79.1	517.6	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	N. E
3	ENE	Calm	ENE	ENE	ENE	ENE	70.5	65.4	68.4	114	318.3	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. E
4	Calm	E	EbyN	ENE	ENE	Calm	21.5	41.6	66.3	40.8	170.2	9	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N. E
5	Calm	Calm	ENE	E	ENE	Calm	25.7	53.7	66	26.4	171.8	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. ESE
6	Calm	Calm	ENE	E	ENE	ENE	23.3	41.5	75.6	48.1	188.5	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ESE
7	E	Calm	ENE	E	ENE	ENE	29.8	47.2	106.5	95.5	279	9	Ci.-S.	Cu.-N.	3	Ci.-S. NE	Cu.-N. ESE
8	ENE	E	EbyN	ENE	E	ENE	31.2	54.1	95.6	60.4	241.3	2	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. E
9	E	Calm	ENE	E	ENE	Calm	38.6	80.5	103.3	35.2	257.6	9	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N. ESE
10	E	ENE	EbyN	E	ENE	Calm	32.5	54.4	68.4	25.2	180.5	3	Ci.-S.	Cu.	3	Ci.-Cu.	Cu.-N. E
11	Calm	Calm	E	EbyN	E	ENE	23.8	49.9	99	92.2	264.9	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. ENE
12	E	Calm	E	EbyN	ENE	ENE	21.1	60.9	102.2	72.2	256.4	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. ENE
13	Calm	Calm	E	ENE	ENE	ENE	25.1	56.3	82.9	83.1	247.4	9	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N. ENE
14	E	EbyN	ENE	E	ENE	ENE	84.8	------	------	------	------	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. ENE
15	Calm	Calm	ENE	E	ENE	Calm	------	------	126.3	72.9	------	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. ENE
16	Calm	Calm	ENE	ENE	E	ENE	24.1	33.8	138.4	73.5	269.8	3	Ci.-S.	Cu.	4	Ci.-Cu.	Cu. E
17	Calm	ENE	EbyN	ENE	E	ENE	58.4	165.2	166.5	103.5	493.6	2	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
18	E	ENE	ENE	ENE	E	EbyN	133.9	144	167.8	119.4	565.1	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. E
19	EbyN	ENE	ENE	E	ENE	Calm	76.9	116.2	95.2	48.5	336.8	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. E
20	ENE	Calm	EbyN	E	ENE	ENE	39.2	100.4	101.1	62.3	303	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. E
21	Calm	Calm	ENE	ENE	EbyN	ENE	21.2	53.3	67	114	255.5	6	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. E
22	EbyN	Calm	ENE	ENE	E	Calm	43.1	61.2	108.9	55.7	268.9	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. E
23	Calm	ENE	ENE	NE	E	ENE	23.3	69.5	116.9	53.4	263.1	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. E
24	E	ENE	E	EbyN	ENE	ENE	54.1	78.3	118.8	62.2	313.4	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. ENE
25	E	Calm	ENE	ENE	ENE	Calm	37.2	55.5	133.9	51	277.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. E
26	Calm	Calm	Calm	ENE	Calm	ENE	19.1	20.9	70.5	35.4	145.9	3	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. E
27	ENE	ENE	Calm	NNE	EbyN	ENE	27.4	20.9	89.6	71.9	209.8	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ENE
28	ENE	Calm	ENE	ENE	ENE	E	58.1	52.9	79.5	89	279.5	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	48.7	75.2	105.2	71.5	298.4	6.6	------	------	7.3	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.82	61.20	59.44	59.50	60.74	25.5	23.3	26.3	28.9	25.4	24.1	32	22.4	94	96	86	73	93	97	12
2	60.03	60.03	60.84	59.08	58.83	59.90	22.6	22.3	28.3	30	27	25.9	31	21.8	95	97	74	65	83	86	.8
3	59.04	59	60.28	58.71	58.92	59.99	24.3	22.6	28.5	25.8	24.6	23.1	30.1	21.7	96	95	73	84	88	97	4.8
4	59.35	59.53	60.40	57.91	58.02	59.46	22.9	21.7	28.1	31	26.4	25.7	31	21.4	97	96	74	59	79	84	------
5	58.94	59	60.01	57.96	58.03	59.12	23.1	20.8	30.1	31	26.1	25.4	31.1	20	97	98	60	59	83	88	.8
6	58.98	58.95	59.60	57.99	58.08	59.90	23.9	22.1	29.9	30.1	26.3	24.5	32.3	21.6	92	97	64	67	83	92	10.7
7	59.11	58.95	59.96	58.06	57.97	58.98	22.9	21.5	24	26	24.7	23.9	27.4	20.9	92	95	88	85	87	92	15
8	58.10	57.93	58.81	57.18	57.52	58.28	22	21.4	26.3	26.6	24.8	22.7	29.7	20.9	93	96	76	81	87	92	25.9
9	57.98	57.71	58.27	57.15	57.01	58.01	22	22.2	26.7	29.9	27.5	24.9	31.1	21.1	93	91	76	60	76	87	1.3
10	57.84	57.84	59.30	57.61	57.91	58.97	24.9	23.6	28.3	27	27.8	25.1	29	21.8	87	95	77	86	79	98	8.9
11	58.48	58.31	59.72	57.91	57.96	59	22.4	21.1	28.1	29.5	27	25.3	31.4	20.5	95	92	75	69	87	96	1.5
12	58.90	58.54	59.84	57.59	57.45	58.48	23.3	22.9	29	29.8	26.7	24.9	30.1	22.1	94	94	71	67	86	92	------
13	58	58.05	59.54	57.35	57.62	58.72	23.3	22.3	28.8	31.3	28.7	25.7	32.2	21.7	94	96	73	61	80	93	------
14	58.44	58.51	59.91	57.92	58	59.50	23.9	22.6	29	33	29.6	26.2	33.4	21.8	92	97	72	55	75	90	------
15	59.23	59.19	60.10	58.43	58.41	59.50	24.3	23.1	26.3	30	29	26.1	30.6	22.6	96	96	90	67	76	91	16.5
16	58.98	59.04	59.94	58.40	58.21	59.86	24.9	23	26.3	30.1	28.3	23.3	30.1	22	91	93	83	65	78	96	28.2
17	59.21	59.19	60.44	58.44	58.07	59.40	22.7	21	29	28.1	27	25.9	30.9	20.5	97	98	72	77	83	86	1.3
18	58.53	58.98	60.18	58.41	58.30	59.35	25.3	24.9	29	30	29.1	26.2	31.5	24.2	91	92	71	62	78	90	5.1
19	58.68	58.24	59.53	57.80	58.42	59.29	24.9	24.3	28.5	28	26.9	25.9	30.3	24	91	96	74	76	78	81	2.5
20	58.99	58.56	60.13	58.98	58.51	59.92	22.5	22.1	29.2	29.2	25.5	24	31.2	21.3	94	94	71	78	87	89	------
21	59.01	58.89	59.70	58.13	58.02	58.96	22.7	22.8	30	29.4	27.1	25.1	31.6	21.8	94	96	75	72	80	91	------
22	57.94	58	59.55	58.33	58.48	59.13	23.8	23.2	28.5	26.1	25.1	24	30	22.6	97	96	77	88	91	95	16.3
23	58.27	58.20	59.24	57.96	57.94	59.27	23.6	23.2	28.5	28.3	26.8	25.4	30.4	22.3	94	96	75	80	86	91	------
24	58.96	59.22	60.59	58.94	59.03	60.12	23.7	23.7	29.1	30.1	26.8	25.4	31.5	22.6	94	95	68	62	86	91	1.5
25	60	60.10	60.99	59.39	59.11	60.30	23.7	23.6	29.1	30	25	24.4	31.4	22.9	94	90	70	65	92	92	------
26	59.72	59.30	61.26	59.58	59.25	60.18	25.5	26.5	27.9	29.5	27.2	24	30.2	23.6	88	84	64	61	80	92	------
27	59.90	59.95	60.99	59.03	59.05	60.84	23.7	23.7	27	29	26.3	24.4	30.1	22.5	94	95	80	77	77	93	4.5
28	60.21	60.01	61.55	59.55	59.34	60.45	23.2	23.1	27.6	30.5	27.3	26.6	31.2	22.2	96	95	83	65	78	82	1.5
29	59.94	59.96	61.21	59.43	59.02	60.36	23.3	22.8	28.4	28.1	26	24.4	30.5	22.3	97	94	81	77	95	92	------
30	59.91	59.85	61	59.48	59.34	60.65	23.5	24.8	28.8	28.1	25	26.8	29.7	22.4	90	93	76	78	92	86	------
31	59.89	59.48	61.10	58.93	59.38	60.35	22.8	22.5	29.1	30.4	27.6	25.8	31.2	22.1	97	96	70	65	77	79	2.3
Mean	59.02	58.98	60.17	58.42	58.41	59.58	23.6	22.9	28.2	29.2	26.7	25	30.8	22	93.7	94.6	74.8	70.5	83.2	90.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	161.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	2	ENE	1	EbvN	1	ENE	1	ENE	2	E	1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. ENE
2	Calm	----	Calm	----	ENE	2	ENE	2	EbyN	3	ENE	2	4	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. ENE
3	E	1	ENE	1	EbyN	1	Calm	----	ENE	2	ENE	1	4	Ci.-S.	Cu.	10	Ci.-S.	N.
4	Calm	----	E	1	EbyN	2	ENE	3	ENE	2	EbyN	2	6	Ci.-S.	Cu.	7	Ci.-S. NE	Cu.-N. ESE
5	Calm	----	ENE	1	ENE	1	EbyN	1	Calm	----	ENE	1	4	Ci.-S.	Cu.	6	Ci.-S. NE	Cu.-N. ESE
6	ENE	1	Calm	----	EbyN	1	ENE	1	ENE	2	Calm	----	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ESE
7	Calm	----	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N.
8	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	Calm	----	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. ESE
9	Calm	----	ENE	1	ENE	1	EbyN	1	ENE	2	Calm	----	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. ESE
10	ENE	2	Calm	----	NE	1	ENE	2	EbyN	2	ENE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ESE
11	Calm	----	Calm	----	ENE	1	NE	2	ENE	2	ENE	1	4	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. ESE
12	Calm	----	ENE	1	ENE	2	EbyN	1	ENE	1	Calm	----	4	Ci--S.	Cu.	9	Ci.-S.	Cu.-N. ESE
13	Calm	----	Calm	----	NE	1	NNE	1	NNE	1	Calm	----	5	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. ESE
14	Calm	----	Calm	----	Calm	----	NE	2	ENE	1	Calm	----	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
15	Calm	----	Calm	----	ENE	2	ENE	3	ENE	3	EbyN	2	9	Ci.-S.	Cu.-N.	10	Ci.-S. NE	Cu.-N. ESE
16	E	2	ENE	1	EbyN	3	ENE	3	ENE	3	ENE	1	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. E
17	Calm	----	ENE	1	E	1	ENE	2	ENE	2	ENE	2	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. ESE
18	ENE	2	ENE	2	EbyN	2	NE	2	ENE	2	ENE	2	3	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. ESE
19	ENE	1	E	1	EbyN	3	NE	4	EbyN	3	ENE	1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. ESE
20	EbyN	2	ENE	2	E	2	ENE	2	ENE	2	NE	2	4	Ci.-S.	Cu.	5	A.-Cu.	Cu. ESE
21	EbyN	1	Calm	----	ENE	1	ENE	1	ENE	1	Calm	----	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. ESE
22	E	1	ENE	1	NNE	1	ENE	1	ENE	2	EbyN	1	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. ESE
23	ENE	1	ENE	1	E	1	EbyN	2	E	2	ENE	1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. ESE
24	ENE	1	Calm	----	EbyN	1	ENE	2	E	2	ENE	2	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N. ESE
25	ENE	1	Calm	----	E	2	ENE	2	NE	2	EbyN	2	5	Ci.-S.	S.-Cu.	6	A.-Cu. NE	Cu.-N. ESE
26	ENE	1	NE	2	ENE	3	NE	3	E	3	EbyN	2	4	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.-N. ESE
27	ENE	1	E	1	ENE	3	E	2	ENE	1	Calm	----	8	Ci.-S.	Fr.-N.	9	A.-Cu. SE	Cu.-N. ESE
28	Calm	----	Calm	----	E	1	ENE	1	NE	2	EbyN	1	9	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N. NE
29	EbyN	1	ENE	2	ENE	2	NE	2	NE	2	EbyN	2	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. NE
30	EbyN	1	ENE	2	ENE	2	ENE	2	NE	2	NE	2	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NE
31	Calm	----	ENE	1	E	2	NE	2	ENE	2	Calm	----	10	Ci.-S.	Fr.-N.	6	Ci.-S.	Cu.-N. NE
Mean	-------	0.7	-------	0.7	-------	1.5	-------	1.7	-------	1.8	-------	1	6.1	------------	------------	7.4	------------	------------

SURIGAO.[a]

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
2	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
3	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
4	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
5	59.82	59.22	59.96	58.04	58.84	60.04	22.1	22	29.7	29.5	24	22.9	30.6	21.6	94	96	73	75	88	92	6.1
6	59.50	59	59.95	58.34	57.95	59.17	22.8	22.3	29.3	29.9	26.2	25.1	29.9	21.7	97	97	73	72	84	91	7.1
7	58.83	58.59	59.30	57.75	58.46	59.90	24	23.8	25.5	28	27.1	25.3	28.8	23	91	93	89	76	76	88	3.3
8	58.98	58.88	59.94	58.34	58.81	60	22.9	21.9	28.7	30	27.7	24	31.4	21.4	94	96	73	70	73	90	------
9	59	59.01	59.70	58.11	59.25	60	24.3	22.9	29.9	28	24.3	24	31	22.5	89	92	72	77	91	93	69.8
10	58.35	58.71	59.78	57.53	57.91	58.99	23.5	23.7	23.3	25	25.3	25	25.6	22.8	96	94	90	88	89	90	80.5
11	58.40	58.32	59.18	57.31	58.01	59.04	23.9	24.9	24.9	25.7	25.1	25.2	26.7	23.5	94	91	91	91	94	92	54.5
12	58.22	58.85	59.57	58.21	58.93	59.97	24	23.9	27.1	28.1	26.5	25.7	28.2	23.5	98	96	82	82	90	89	2.8
13	59.33	59.97	60.91	59.02	59.74	60.95	24.3	23.9	27.3	29.1	27.4	25.5	29.1	23.6	96	94	82	77	83	89	------
14	59.90	60.11	60.73	58.54	59.24	60.47	25.3	24.3	28.9	29.4	27.3	25.7	30.1	24	91	96	77	76	84	91	------
15	58.98	59.12	60.20	57.75	58.15	59.77	24.4	24	29.3	29	27.4	25.7	30.2	23.7	93	95	74	76	84	93	------
16	58.79	58.13	59.19	57.19	57.07	59.15	24.6	23.5	29.8	30.7	27.7	26.5	31.5	23	95	96	73	74	82	90	------
17	58.99	58.99	60.13	57.98	58.12	59.11	24.6	24.3	29.1	30.1	27.7	26.1	30.7	23.7	93	94	76	73	82	89	------
18	58.98	59.04	60.79	58.67	58.52	60.05	24.5	23	29.9	31.1	27.5	25.8	31.3	22.6	92	98	76	71	84	90	------
19	59.66	59.12	59.98	58.01	58.11	59.99	24.4	23.8	29.4	29.8	26.8	24.9	30.3	23.4	95	95	75	75	84	92	6
20	59.47	59.20	60.55	58.58	58.67	60.25	23.5	22.7	27.9	30	28.1	26.5	30.3	22.4	94	96	82	77	79	88	11.2
21	59.84	59.91	60.92	58.20	58.87	60	25.3	23.9	26	28	26.1	24.4	29.4	23.6	93	94	85	82	88	95	5.6
22	59.80	59.48	60.25	58.48	58.64	59.37	23.9	23.6	29	27.5	26.9	26.1	29.9	22.8	92	95	76	81	85	88	13.2
23	58.71	58.48	59.21	57.52	57.06	58.07	25.1	24.3	25	27.9	27.1	25.8	28.6	23.7	91	96	92	79	83	92	26.9
24	57.40	57.46	58.08	56.18	56.87	58.13	26	25.1	29.3	29.1	26.2	26.1	31	24.2	85	89	76	78	89	88	10.7
25	57.64	57.78	58.11	56.77	57.46	58.17	25.5	23.6	29.3	25.7	24.7	23.9	30	23.2	88	95	76	88	92	92	86.8
26	57.44	58.02	59	57.13	57.01	58.04	23.7	23.4	24	28.6	27.4	24.7	29.1	22.7	96	97	91	79	84	94	29.2
27	57.08	56.99	58.20	57.10	57.01	58.02	24.5	23.4	28	26.7	27.5	25	29.3	23	96	97	77	86	82	93	20.4
28	57.49	57.37	58.07	56	57.17	58.16	24.1	23.9	28.5	30.6	25.3	25	30.7	23.5	96	96	81	73	89	92	7.9
29	57.94	57.93	58.20	55.99	56.74	57.87	24.9	24.7	29.7	29.9	28.1	26.8	30.5	24.3	92	92	73	72	79	84	9.6
30	57.12	57.28	57.96	55.86	56.14	57.21	25	24.3	29.9	31	28.3	27.4	31	23.9	92	96	75	72	78	83	------
Mean	58.68	58.65	59.53	57.64	58.03	59.23	24.3	23.7	28	28.8	26.7	25.4	29.8	23.1	93.2	94.8	79.2	77.7	84.5	90.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[b]451.6

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
2	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
3	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
4	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
5	Calm	E	Calm	NNW	NE	NNW	29	21.4	94.6	49.9	194.9	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NE
6	Calm	Calm	ENE	NE	EbyN	ENE	20.3	39.2	75.1	58.5	193.1	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NE
7	Calm	Calm	ENE	NE	EbyN	ENE	24.6	41.6	109.2	51.2	226.6	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. NE
8	Calm	Calm	ENE	ENE	NE	Calm	18.7	42	52.8	48.6	162.1	4	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
9	ENE	Calm	Calm	NNW	NNW	Calm	30.9	23.3	106.7	30.4	191.3	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
10	Calm	NNE	Calm	NNE	Calm	NNE	24.3	25.2	61.8	30.1	141.4	10	Ci.-S.	N.	10	Ci.-S.	N. NE
11	Calm	NNW	NNW	NNW	NbyW	NNW	28	83.7	59.3	48	219	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
12	Calm	Calm	Calm	Calm	Calm	NNW	21.5	19.6	38.3	28.5	107.9	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
13	Calm	Calm	ENE	ENE	EbyN	ENE	16.4	43.1	88.8	40.4	188.7	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. NE
14	Calm	Calm	ENE	ENE	ENE	Calm	23.6	60.2	98.4	24.1	206.3	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. ESE
15	Calm	Calm	EbyN	ENE	ENE	Calm	16.4	46.5	100.8	27.4	191.1	5	Ci.-S.	Cu.	9	Ci.-S. NE	Cu.-N. ESE
16	Calm	Calm	ENE	ENE	ENE	Calm	22.2	52.5	93.9	49.6	218.2	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ESE
17	Calm	Calm	ENE	ENE	EbyN	ENE	20.6	40.8	119.1	46.7	227.2	4	Ci.-S.	S.-Cu.	6	Ci.-S. NE	Cu.-N. ESE
18	Calm	Calm	EbyN	ENE	ENE	Calm	18.2	55.2	104.4	43.5	221.3	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. ESE
19	Calm	Calm	EbyN	E	EbyN	Calm	13.5	50.4	74.8	40.4	179.1	5	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ESE
20	Calm	Calm	ESE	EbyN	ESE	ESE	20.7	39.1	81.3	67.3	208.4	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. SSE
21	ESE	ESE	E	EbyS	EbyS	Calm	31.4	53.4	64.4	21.9	171.1	9	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu.-N. SE
22	Calm	Calm	EbyN	E	ENE	ENE	20.7	57.6	101.4	61.8	241.5	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. SE
23	EbyN	Calm	ESE	ENE	E	EbyN	42.3	53.7	107.6	83.2	286.8	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. SE
24	ENE	Calm	ENE	E	ENE	EbyN	68.1	67.9	75.8	72.1	283.9	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
25	E	Calm	ENE	EbyN	ENE	EbyN	43.8	52.1	83.2	45.4	224.5	4	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SE
26	Calm	ENE	Calm	Calm	E	Calm	41.2	34.9	91.9	26	194	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
27	Calm	Calm	E	ENE	ESE	ENE	35.4	76.4	95.5	43.5	250.8	10	Ci.-S.	S.-Cu.	10	Ci.-S. NE	Fr.-N. ESE
28	Calm	Calm	E	EbyN	ESE	SE	19.5	44.9	73.7	29.8	167.9	10	Ci.-S.	S.-Cu.	8	Ci.-S. NE	Cu.-N. ESE
29	Calm	SE	E	ENE	ENE	EbyN	27.2	70	127.3	88	312.5	4	Ci.-S. NE	S.-Cu.	8	Ci.-S. NE	Cu.-N. ESE
30	Calm	Calm	EbyN	ENE	E	ENE	23.1	34.1	100.8	76.2	234.2	7	Ci.-S.	S.-Cu.	8	Ci.-S. NE	Cu.-N. ESE
Mean	------	------	------	------	------	------	27	47.3	87.7	47.4	209.4	6.8	------	------	8.5	------	------

[a] This station was temporarily closed from the 1st to the 4th.

[b] 26 days of observation.

SURIGAO.[a]

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.32	56.81	57.25	56.34	56.26	57.97	25.3	25.7	30.1	30.2	27.9	25.3	31.6	24	94	88	76	75	81	91	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	58.41	59.03	60.11	-----	-----	-----	31.3	29.1	26.7	-----	-----	-----	-----	-----	69	70	82	-----
13	59.24	59.90	60.22	57.64	58.14	59.26	24.7	24	30.9	31.3	29	27.4	31.9	23.7	84	88	66	69	74	81	-----
14	58.82	59.03	58.74	56.71	57.79	59.14	25.5	24.3	31	31.9	29	27.1	32.5	23.9	86	89	64	65	76	82	-----
15	58.66	59.12	59.51	57.51	58.08	59.99	25.7	25.2	30.7	33	29.5	27.2	33.7	24.5	86	88	69	60	70	81	-----
16	59.62	59.86	59.99	57.86	58.84	60.42	25.5	24.5	31.3	33	29.1	26.5	33.5	24	86	87	64	61	71	83	-----
17	59.99	60.40	60.93	58.67	59.01	60.28	25.7	24.6	31	31.5	28.9	27.3	33	24	86	87	69	68	77	82	-----
18	59.85	60.01	60.50	59.02	59.40	60.47	25.4	24.3	30.6	31.5	28.7	26.3	32.5	23.9	84	89	68	66	75	82	2.6
19	59.94	59.91	60.08	58.72	58.96	60	25.3	24.6	28.5	28	27.7	25.3	29	24	88	87	73	77	78	88	1.5
20	59.12	59.17	60.03	58.21	57.99	59.09	24.3	23.9	29	31.3	28.9	27.7	31.6	23.5	89	87	71	64	71	78	-----
21	58.84	58.98	58.87	57.19	57.49	58.92	24.9	24.8	30.5	31.3	28.3	26.2	32.1	24.4	86	85	67	65	75	82	17.6
22	58.42	53.37	58.70	56.98	57.85	58.99	25	24.1	30.5	30	26.9	25.7	31.9	23.7	87	91	68	67	82	86	2.8
23	58.13	58.14	58.11	56.60	56.81	57.99	24.9	24.7	29.5	30	27	25.2	31.4	23.9	87	87	70	69	84	87	2.3
24	57.17	57.17	58.41	56.67	57.02	58.48	24.9	24.2	28.9	28.5	27.4	24	29.8	23.6	87	90	71	73	80	86	63.5
25	58.54	58.42	59.72	58.75	58.68	59.45	24.1	24	29	30.9	28.7	26	31.6	23.7	86	86	69	65	73	84	-----
26	59.28	59.39	59.76	58.15	58	59.97	24.3	23.3	29.5	30.9	29.7	26.5	31	22.9	87	89	68	66	69	83	-----
27	58.98	59.08	59.64	57.63	57.44	58.85	26.1	24	30.1	30.9	28.3	26.7	31.3	23.7	85	91	68	66	77	85	6.6
28	58.14	58.18	59.03	57.43	57.04	58.18	25.5	24.1	30	30	28	25.5	30.9	23.7	88	91	66	67	79	88	.8
29	57.88	58.04	59.36	57.68	57.47	59.55	24.7	24.6	27.7	29	27.1	26	29.9	23.7	87	87	75	74	79	85	.5
30	58.23	58.23	59.08	58.12	57.73	59.02	24.3	25	30	26.3	26.3	25	31	23.5	89	87	71	82	82	88	5
31	58.14	58.08	59	58.16	57.55	58.37	24.7	24.6	26.9	25.9	26	24.7	26.9	23.8	89	88	83	83	84	89	41.7
Mean	53.67	58.81	59.35	57.74	57.93	59.26	25	24.4	29.8	30.3	28.2	26.1	31.4	23.8	87	88.1	69.8	69.1	76.5	84.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[b]144.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ENE	ENE	E	EbyN	Calm	51.8	52.9?	94.4?	51.3	250.4	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
2	-----	-----	-----	-----	-----	-----	25.2	28.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	E	ENE	Calm	-----	-----	104.1	36	-----	-----	-----	-----	7	Ci.-S.	Cu.-N. ESE
13	Calm	Calm	EbyN	ENE	ENE	Calm	24.1	40	96	39.4	199.5	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.
14	Calm	Calm	ENE	EbyN	ENE	Calm	22.5	46.7	77.5	34.6	181.3	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.
15	Calm	Calm	NE	NNE	Calm	Calm	21.5	44.3	48.3	24.6	138.7	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
16	Calm	Calm	Calm	Calm	E	Calm	24.3	29.8	60.4	30.4	144.9	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
17	Calm	Calm	EbyN	E	ENE	ENE	24.9	39.4	75.6	48.3	188.2	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.
18	Calm	Calm	EbyN	ENE	E	ENE	26.6	39.6	49.9	62.5	178.6	0	-----	Cu.	4	Ci.-S.	Cu.
19	Calm	Calm	E	EbyN	ENE	Calm	22.2	45.7	67.1	38.9	173.9	6	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SE
20	Calm	Calm	EbyN	Calm	E	ENE	24.6	42.3	48.6	61.7	177.2	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
21	Calm	E	EbyN	E	ENE	Calm	27.6	57.9	92	46.7	224.2	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
22	Calm	Calm	EbyN	E	E	Calm	28.2	32.5	75.6	30.6	166.9	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
23	Calm	Calm	E	E	EbyN	Calm	21.4	45.3	77.4	29	173.1	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
24	Calm	Calm	Calm	Calm	Calm	Calm	23.6	23.6	30.4	37.3	114.9	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
25	Calm	E	EbyN	Calm	E	Calm	23.9	23.5	20.1	27.9	95.4	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
26	Calm	Calm	E	EbyN	ENE	E	19.8	63.3	89	30.3	202.4	5	Ci.-S.	Cu.-N.	8	Ci.-S. NE	Cu.-N. ESE
27	EbyN	Calm	EbyN	E	E	Calm	30.6	59.7	83.7	41.8	215.8	3	Ci.-S.	Cu.	6	A.-Cu. NE	Cu.-N. ESE
28	Calm	Calm	E	EbyN	E	Calm	28.2	48.6	82.6	33.3	192.7	3	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. ESE
29	Calm	Calm	EbyN	E	E	Calm	18.7	62	97.7	37	215.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. ESE
30	Calm	Calm	Calm	E	EbyN	Calm	19.8	38.8	48.6	22.2	129.4	3	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ESE
31	Calm	Calm	Calm	ENE	E	E	18	21.5	118.1	41.2	198.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. ESE
Mean	-----	-----	-----	-----	-----	-----	25.1	42.2	73.2	38.3	178.1	4	-----	-----	7.2	-----	-----

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[a] This station was temporarily closed from the 2nd to the 12th, 10 a. m.

[b] 20 days of observation only.

SURIGAO.[a]

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.26	57.33	58.18	56.60	56.65	57.90	25.3	24.5	29.1	29.9	26.7	25.6	31.1	24	86	89	73	68	83	87	8.9
2	57.36	57.38	58.25	56.50	57.90	58.46	24.9	24.5	29.5	26.9	26.3	25.2	31.8	23.9	91	89	75	83	85	90	66.3
3	57.99	57.97	58.02	56.14	56.89	58.29	23.8	24.1	28.5	31	28	26.7	31	23.1	91	91	73	65	77	80	------
4	57.18	57.52	58.12	56.14	56.88	58.26	25.5	24.9	29	30.2	26.5	25.9	31.1	24	88	86	71	71	82	85	1.5
5	57.50	57.03	57.23	55.74	55.96	57.65	26.1	25.9	29.9	28.2	27.8	26.9	30.4	24.4	83	85	71	77	80	83	3.8
6	57.02	57.21	57.98	56.28	56.75	58	24.9	25	26.5	30.2	27.7	26.5	30.2	23.9	89	87	79	70	81	88	4.1
7	57.03	57.61	57.74	56.25	57	58.05	25.3	25	29.1	30.3	27.7	25.1	30.9	24	91	92	74	70	81	91	1.5
8	57.43	57.99	58.02	57.01	57.68	58.38	24	23.7	29	29.5	28	25.3	29.9	23.1	91	92	71	70	79	88	1.8
9	58.08	58.94	59.16	57.34	57.84	59	24.1	23.7	28.9	30.9	29	26.3	31	23	91	91	76	66	71	86	------
10	58.83	59.02	59.63	57.53	57.89	59.05	24.5	23.4	29.9	32.1	28.5	25.9	32.9	22.9	89	93	69	64	75	85	------
11	58.93	59.02	59.83	57.92	57.84	59	24.5	23.7	30	30.7	28.5	25.7	31.8	23.1	89	92	70	69	74	88	------
12	58.76	58.63	59.53	57.55	57.99	59.03	25.1	24.1	28.7	30.1	28.1	26.9	30.9	23.7	88	91	74	71	79	85	6.6
13	58.69	58.77	59.31	57.93	58.35	59.52	24	23.9	29.8	30	27.3	25.2	30.9	23.3	91	91	73	71	84	90	1.8
14	58.83	58.89	59.46	57.84	57.95	59.11	24.5	23.6	29.3	28.9	27.6	25.3	31.6	23.1	92	93	70	73	80	89	------
15	58.97	58.97	59.11	57.68	57.25	59.01	24	23.5	28.1	28.2	27.3	25.2	29.9	23	91	90	77	74	81	90	------
16	58.42	58.13	58.65	57.80	58.03	59.81	24.9	24	29.9	31.3	25.5	24.3	32.4	23.5	86	91	67	61	88	87	3.6
17	58.97	58.51	59.81	57.99	58.41	59.91	23.3	22.7	28.8	31.3	29	25.7	31.7	22.2	92	94	71	63	71	93	------
18	59.40	59.42	60.46	58.73	58.96	60.02	24.3	23.4	29.1	29.2	28.9	26.2	32.5	22.9	89	90	74	74	74	87	------
19	59.91	60	61.41	59.42	59.07	60.01	24.5	23.7	29.8	31.1	29	26.3	32.5	23	89	91	71	65	74	85	------
20	60	60.02	60.40	58.18	58.58	59.97	24.7	24.3	30.3	31	29.9	26.3	32.1	23.7	91	89	71	69	69	88	------
21	59.45	59.51	60.15	58.57	58.29	59.05	24.9	24.5	29.9	29	28.4	26.3	32	23.8	91	87	73	76	76	86	------
22	59.08	59.25	59.69	58.47	58.82	60.02	24.5	23.5	30	32.9	30	26	33.9	23	91	92	71	60	71	87	------
23	60.01	60.03	60.06	58.56	58.82	60.12	24.7	24	29.9	31.1	30	26.1	32	23.7	91	91	69	65	66	85	------
24	59.92	59.52	60.83	59.60	59.12	60.13	25	23.7	29.5	23.8	25.7	22.7	30	22	88	94	73	83	75	92	20.6
25	59.50	59.99	60.10	59.74	59.20	60.73	21.7	21.3	28.9	24.7	25.2	23.9	30.7	20.9	92	94	70	81	83	87	11.4
26	59.71	59.27	59	57.84	58.54	59.99	24.8	23	28.9	30.3	28.2	25.5	30.4	22.7	83	91	70	70	77	88	------
27	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
29	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
30	59.33	59.24	58.98	56.85	57.16	58.25	25.3	24	30	31.5	29.7	26.1	31.5	23.8	91	95	70	64	68	86	------
Mean	58.65	58.71	59.23	57.64	57.92	59.14	24.6	23.9	29.3	29.8	27.9	25.7	31.4	23.2	89.4	90.8	72.1	70.1	77.2	87.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[b]131.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	ESE	ESE	EbyS	E	44.1	81.8	99.2	19.5	244.6	10	Ci.-S.	Fr.-N. ESE	10	Ci.-S.	Cu.-N. ESE
2	Calm	Calm	E	EbyS	E	Calm	18.3	40.7	52.1	33.6	144.7	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ESE
3	Calm	Calm	ENE	Calm	ESE	E	28.7	37.3	56.9	40.7	163.6	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
4	Calm	Calm	ESE	E	EbyN	Calm	24.6	42.3	95.6	46.2	208.7	3	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
5	Calm	Calm	ESE	E	EbyN	E	18.8	77.7	114.8	60.4	271.7	2	Ci.-S.	Cu.	10	Ci.-S. NE	Cu.-N. SE
6	Calm	E	Calm	EbyN	E	Calm	26.2	38	65	49.7	178.9	10	Ci.-S.	N. ESE	6	Ci.-S.	Cu.-N. ESE
7	EbyN	Calm	E	E	Calm	Calm	20.9	56.3	96	31.2	204.4	2	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ESE
8	Calm	Calm	Calm	E	EbyN	Calm	20.6	84.2	96	38.1	238.9	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. ESE
9	Calm	Calm	E	E	EbyN	Calm	25.2	40	74	29.3	168.5	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. ESE
10	Calm	Calm	E	Calm	E	Calm	21.4	44.8	59	27.7	152.9	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
11	Calm	Calm	E	EbyN	E	Calm	24.1	35.4	61	36	156.5	2	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ESE
12	Calm	E	Calm	Calm	EbyN	E	18.7	24.9	35.7	39.4	118.7	2	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
13	Calm	Calm	Calm	E	Calm	Calm	21.9	24.6	58.7	26	131.2	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. ESE
14	Calm	Calm	Calm	E	E	Calm	------	------	82.1	28.2	------	3	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SE
15	Calm	Calm	Calm	Calm	E	Calm	------	------	------	31.9	------	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
16	Calm	E	Calm	W	W	SW	23.3	49.3	61.4	34.9	168.9	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. SE
17	Calm	E	Calm	Calm	Calm	Calm	26.2	26	24.6	30.8	107.6	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
18	SW	Calm	Calm	Calm	Calm	E	29.8	23.1	47.8	26.8	127.5	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
19	E	Calm	Calm	EbyN	ENE	E	26	24.1	85.8	39.7	175.6	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. SE
20	Calm	Calm	ESE	ENE	EbyN	E	22.8	25.4	44.9	41.2	134.3	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. SE
21	Calm	E	Calm	Calm	Calm	E	24.7	22.5	24.7	22.7	94.6	2	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
22	Calm	E	ENE	Calm	Calm	Calm	23.5	30.4	23.5	22.8	100.2	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
23	E	Calm	NW	NW	NW	NW	32.4	42.3	45.4	26.2	146.3	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
24	E	ENE	Calm	Calm	Calm	E	32.8	47	25.5	28	133.3	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Fr.-N.
25	E	Calm	ESE	SE	EbyN	E	33.5	36.5	54.7	61.5	186.2	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SE
26	E	Calm	EbyN	NW	NW	E	44.8	48.1	68.6	36.4	197.9	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. SE
27	------	------	------	------	------	------	25.9	43.1	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
29	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
30	Calm	Calm	E	EbyN	ENE	Calm	------	------	78.9	41.2	------	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. SE
Mean	------	------	------	------	------	------	26.4	41.8	62.8	35.2	164.8	4.5	------	------	7.4	------	------

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[a] This station was temporarily closed from the 27th to the 29th.

[b] 27 days of observation.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.14	58.13	58.98	57.23	57.26	58.93	24.8	23.7	29.4	32.9	29.9	26	33.1	23.2	88	92	71	61	73	84	2.8
2	58.53	58.87	59.41	58.26	58.03	59.23	25	23.7	30.1	30.9	28.8	24.7	32	23.2	90	94	71	71	73	87	7.4
3	58.87	58.50	59.55	57.99	58.86	59.47	24	23.8	28.7	29.7	27.3	24.2	31.7	23.2	91	93	71	73	70	90	2.3
4	59.03	58.02	58.41	57.29	57.08	58.93	24.1	23.9	29.1	30	28.5	27.4	31	23.5	91	92	76	73	75	81	------
5	57.99	58.03	58.57	57.16	57.17	58.11	24.9	24.3	27.7	26.6	26.9	24.8	28	23.9	91	91	78	81	80	90	4.6
6	57.98	58.02	58.95	57.48	57.99	59.01	24.1	23	28.3	29.4	28.1	25.2	30.4	22.7	89	93	74	68	78	90	17.1
7	58.29	58.83	59.28	57.76	57.82	59.14	24.4	24	24.8	29.1	28.1	25.7	29.9	23.7	90	91	85	70	75	84	16.8
8	58.83	58.72	58.75	56.74	57	58.91	24.7	23.6	27.6	30.7	28.5	25.4	32.3	22.9	87	93	79	67	75	90	24.9
9	59.23	58.25	58.65	57.01	57.08	58.11	24.1	23.9	29.4	31.4	29.9	27.4	31.5	23.1	87	89	67	62	67	80	2.5
10	58.09	57.91	57.99	56.99	57.10	58.11	25	25.3	28.1	30.2	26.3	25.1	30.7	24.1	85	84	75	69	82	89	1.5
11	58.13	58.17	57.99	56.43	57.04	58.93	24	24	30	31.9	30	26.3	32.7	23.7	90	90	64	61	70	85	------
12	58.23	58.33	58.34	57.24	57.49	59.03	25	24.2	30	31.5	28.9	26.7	31.9	23.9	87	90	70	64	74	85	------
13	57.99	58.02	58.51	57.09	56.91	57.73	24.9	25	30	30.1	28	26.1	31.3	24.4	91	90	65	69	77	88	40.6
14	56.03	55.49	55.47	54.15	53.06	54.09	24.3	25.1	24.9	24.5	25.5	25	25.8	23.4	94	89	84	81	80	82	46.4
15	53.12	53.20	54.05	53	53.68	55.39	26.2	24.8	27.9	29.4	27.5	26.1	29.5	24.4	73	83	68	66	73	82	4.5
16	54.98	54.99	56.25	55.05	55.14	57.09	26.7	26	29.1	30.3	28.6	27.9	32.5	25	71	76	64	63	68	77	1.3
17	56.92	57.01	57.69	56.97	56.59	58.06	27.9	25.7	32.1	32.4	29.5	25.3	33.3	24.3	74	75	58	54	66	84	------
18	58.04	56.98	57.49	56.44	57.09	58.37	24.9	26.5	31.6	32.4	28.9	28.2	34.8	24.7	86	73	57	50	67	80	------
19	57.25	56.66	57	56.24	56.69	58.37	27.6	26.6	31.8	32.2	28.6	28.1	33.2	[a]25.6	81	77	58	58	76	76	------
20	57.51	57.55	58.11	56.54	56.96	57.95	27.4	27.1	32	32.2	29.1	27.8	33.3	26.7	81	76	63	64	67	76	------
21	57.06	57.37	57.84	56.33	56.53	57.75	28	27.3	31.3	32.4	29.2	28.7	33.4	26.9	80	79	60	56	62	69	------
22	56.97	56.81	57.36	55.71	56	56.75	27.9	28	30.1	30.3	28	28.1	32.1	26.8	77	73	71	64	75	77	------
23	56.17	55.92	55.86	54.51	55.80	56.48	27.3	27.4	29.4	31.5	26.6	27.1	32.4	26.1	75	71	67	59	83	77	1.5
24	56.24	55.58	56.48	56.36	56.50	58.05	25.2	27.7	31	27.6	27.8	26.5	32.1	24.8	79	65	50	68	76	76	.8
25	57.54	57.39	57.61	56.33	57.24	59.08	25	25	29.8	29.7	28.6	25.6	31.7	24.9	83	77	63	65	61	81	------
26	58.37	57.21	57.57	57.32	57.25	58.75	24.2	26.7	29.2	29.3	28	23.8	29.8	23.7	89	87	74	74	80	90	3.6
27	57.36	56.55	57.01	55.67	55.14	56.04	24.9	26.5	28	28.4	27.8	27.9	29.1	24.6	87	87	77	77	68	71	5.6
28	54.59	55.80	55.78	54.44	55.63	56.18	27.8	24.9	28.5	30.1	26.4	27.4	30.8	24.5	76	80	66	64	79	69	.5
29	55.20	55.83	55.91	55.02	56.19	57.39	26.9	27.7	33	33	29.5	28.6	34.4	26.5	72	60	45	53	59	60	-----
30	56.75	56.64	57.48	56.57	57.24	58.76	27.3	28.7	33.1	33.7	29.2	25.9	36	25	65	54	44	50	75	88	------
31	57.35	57.71	58	56.29	56.54	57.59	25.1	26.5	31.2	32.5	29	28.2	33.9	24.8	87	78	59	53	65	72	------
Mean	57.32	57.18	57.62	56.37	56.65	57.93	25.6	25.5	29.6	30.5	28.3	26.5	31.8	24.5	83.5	82	66.9	64.8	72.5	81	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	184.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	Calm	ENE	Calm	Calm	25.2	23.6	36.5	36.4	121.7	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. SE
2	Calm	Calm	Calm	E	Calm	E	25.4	27.6	45.7	35.4	134.1	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
3	Calm	Calm	Calm	Calm	EbyN	ENE	27.7	18.3	40.4	32.8	119.2	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
4	Calm	Calm	EbyN	NE	E	ENE	26	55.7	47.7	68.4	197.8	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
5	Calm	Calm	EbyN	Calm	E	Calm	25.4	41	39.2	26.4	132	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
6	Calm	Calm	Calm	W	Calm	SW	29.3	20.9	59.8	23.9	133.9	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
7	W	Calm	W	Calm	Calm	Calm	25.2	29	30.8	29.8	114.8	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.-N.
8	Calm	Calm	Calm	WNW	SW	W	20.4	22.3	51.5	50.4	144.6	4	Ci.-S.	S.-Cu.	5	Ci.-S. E	Cu.-N. SE
9	W	SW	W	W	SW	SW	39.7	52.9	67.1	52.5	212.2	7	Ci.-S.	S.-Cu.	7	Ci.-S.	cu.-N. SW
10	W	SW	SW	W	SW	Calm	53.4	51.2	74	19.6	198.2	6	Ci.-S.	S.-Cu.	8	Ci.-S.	cu.-N. SW
11	SW	Calm	SW	W	SW	Calm	24.1	53.1	90.6	27.1	194.9	5	Ci.-S.	S.-Cu.	8	Ci.-S. NE	Cu.-N.
12	Calm	Calm	W	W	NW	Calm	25.5	45.6	68.7	30.6	170.4	4	Ci.-S.	S.-Cu.	7	Ci.-S. NE	Cu.-N. SE
13	Calm	Calm	NW	W	W	NW	29	45.6	62.3	26.6	163.5	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
14	W	NW	WSW	W	WSW	SW	41.2	71.9	124.4	182.9	420.4	10	Ci.-S.	N.	10	Ci.-S.	N. W
15	SW	SW	SW	SW	SW	SW	187.8	128.4	93.8	76.1	486.1	10	Ci.-S.	N. SW	10	Ci.-S.	cu.-N. SW
16	SW	SW	SSW	SW	SSW	SSW	70.6	106.5	92.5	55.3	324.9	10	Ci.-S.	S.-Cu.	8	Ci.-S.	cu.-N. SW
17	SSW	SSW	SW	SW	W	Calm	85.5	66.8	62.3	32.5	247.1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
18	Calm	SW	SW	W	SW	SW	31.9	52.8	96.3	51.2	232.2	5	Ci.-S.	S.-Cu.	5	A.-Cu. NW	Cu.
19	Calm	Calm	W	W	W	SW	28.5	62.5	84	51.8	226.8	3	Ci.	Cu.	4	Ci. E	Cu. SW
20	Calm	WSW	WSW	WSW	WSW	SW	38.9	74.8	75.3	57.1	246.1	2	A.-Cu.	Cu.	5	Ci.	Cu. SW
21	W	WSW	WSW	SW	SW	SW	60.4	75.9	124.9	103	364.2	9	Ci.-S. NE	Cu.-N.	7	Ci.-S. NE	Cu. SW
22	WSW	WSW	W	W	W	WSW	69.5	93	80	98.7	341.2	9	Ci.-S.	cu.-N. WSW	9	Ci.-S.	cu.-N. WSW
23	WSW	WSW	WSW	SW	SW	SW	101.7	119.9	140.8	104.4	466.8	10	A.-Cu. S	Cu.-N. SW	8	A.-Cu. S	Cu. SW
24	WSW	WSW	SW	WSW	WSW	SW	60.9	99.6	91.2	85.1	336.8	10	A.-Cu. SE	S.-Cu.	10	Ci.-S.	Cu.-N.
25	Calm	Calm	WSW	WNW	Calm	Calm	22.3	35.2	40.8	21.9	120.2	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
26	W	W	WSW	W	WSW	W	48.6	73.7	59.2	63	244.5	8	A.-Cu. N	Cu.-N. SW	10	Ci.-S.	cu.-N. SW
27	WSW	W	W	W	W	SW	48.5	108.6	159.3	153.4	469.8	10	------------	Cu.-N. SW	10	Ci.-S.	cu.-N. SW
28	SW	SW	SW	WSW	SW	WSW	158	117.5	125.5	139.5	540.5	10	------------	Fr.-N. SW	10	Ci.-S.	Cu.-N.
29	SW	SW	WSW	SW	SSW	SSW	77.5	73.4	81.8	51.7	284.4	10	A.-Cu.	S.-Cu. SW	7	A.-Cu. S	Cu.
30	SW	SW	S	WSW	Calm	Calm	66	93.8	66.8	19.5	246.1	10	A.-Cu. S	S.-Cu. SW	6	A.-Cu. S	Cu.
31	Calm	WSW	WSW	W	WSW	SW	29.5	93.3	134.2	88.3	345.3	2	Ci.	S.-Cu.	2	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	51.7	65.6	78.9	61.1	257.4	7.2	------------	------------	7.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,980.7	----	------------	------------	----	------------	------------

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[a] From July 19 to August 5 the minimum temperatures are taken from a self-registering apparatus, the ordinary minimum thermometer being defective.

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.60	56.05	56.60	56	56.17	58.17	27.8	28.2	29.8	31.2	28.5	28.2	32.1	26.6	85	67	72	54	64	80	------
2	56.49	56.82	57.88	55.84	56.45	58.21	27.5	27.6	30.2	31.6	29	28	33	26.3	77	77	70	55	68	75	------
3	57.15	57.80	58.73	56.98	57.05	58.22	26.8	27.2	30.1	32.5	29.1	27.6	33.1	26.4	69	74	68	55	66	79	------
4	57.81	57.64	58.25	56.75	56.76	58.27	27.9	27.5	31.5	32.2	29.1	28.2	33.7	27.2	78	80	62	54	63	76	------
5	56.86	57.27	57.29	56.28	57.09	58.14	27.7	27.9	31.8	32.5	27.5	27.5	33.7	27.1	79	71	55	56	79	75	------
6	57	57.15	58.16	57.15	57.31	58.24	27.3	27.1	30.6	31.4	27.7	25.8	33	25.6	72	75	63	60	76	86	------
7	57.53	58.18	58.34	56.95	57.06	58.94	25.3	24.6	32.4	32.6	29.2	27.4	34.1	24.2	89	89	52	56	62	84	------
8	57.63	58.35	58.58	57.05	57.80	59.34	27.2	25.7	31.6	32.5	28.9	26.6	34.3	25.5	83	87	60	59	65	80	------
9	58.17	58.25	58.84	57.46	58.04	59.15	27.5	27.2	30.9	31.7	27.9	27.5	32.8	25.4	80	78	63	58	75	78	------
10	57.82	58.08	58.60	57.10	57.34	58.76	26.5	27.5	32	32.5	28.5	25.9	33.1	25.1	76	73	55	52	68	81	------
11	57.47	57.43	58.26	56.18	56.84	58.21	26.7	27.3	31.9	33.4	29.5	27	34.4	25.1	72	76	56	50	66	78	------
12	57.03	56.95	57.55	56.08	56.76	57.97	25.5	27.2	30.4	31.6	28.5	24.8	32.4	24.5	92	82	66	59	67	83	3.6
13	57.28	56.20	57.02	55.82	56.55	57.05	24.2	24.7	27.7	28.1	24.8	26.6	29.9	23.6	94	90	82	83	87	80	4.9
14	56.03	55.89	56.46	54.81	55.21	56.15	25.2	26.5	29.8	30.3	27	27.4	31.9	24.9	93	82	66	67	82	81	.8
15	54.38	55.12	55.68	54	54.94	56.65	27.3	27.6	31.4	31.6	28.5	28.1	32.9	27.1	78	70	58	57	66	77	------
16	55.19	56.38	57.50	56.30	57.38	59.59	25.9	24.6	30.8	31.6	28.2	26.5	33	24.1	85	90	68	59	76	86	------
17	58.52	58.78	59.43	57.62	58.18	59.71	25.2	24.1	29.5	31.6	27.5	26	32.6	23.9	88	94	75	60	81	85	------
18	58.64	58.83	59.10	57.13	57.41	58.74	24	24.1	29.2	29.8	28	25.2	32.6	23.5	94	93	72	73	76	91	.5
19	57.63	58.12	57.56	55.85	56.85	57.01	24.8	24.7	27	29.6	27.8	24.3	31	24.1	91	91	86	72	69	84	------
20	56.64	57.01	56.89	55.93	56.80	57.97	26.8	27	31.4	31.5	28.4	26.7	33	25	81	75	64	64	72	84	31.8
21	57.29	57.52	57.89	56.23	56.96	57.99	25	24.6	28.8	31.1	27.7	27.5	31.8	23.6	89	90	72	64	79	76	2.8
22	57.51	57.26	57.77	56.29	56.82	58.35	27	25.7	28.3	29.9	27.9	27.5	31.5	25.5	79	85	74	66	72	78	2.5
23	57.32	56.98	57.84	56.04	56.59	58.93	26.6	27.1	30.5	31.6	28.3	26.2	33	25.4	82	79	63	60	72	80	6.1
24	57.13	57.80	58.22	56.63	58.38	59.35	26.5	27	28.9	30.8	26	26.7	31.7	25.5	77	73	71	60	78	79	------
25	58.26	58.47	59.75	58.15	58.74	59.94	27.1	27.1	29.3	31.3	27.9	28.2	32	26.8	75	80	68	60	75	72	------
26	58.40	58.35	58.84	57	57.55	58.15	27.5	27.5	30.6	29.2	28	28.2	32.1	27.1	73	76	62	70	75	73	------
27	56.94	56.14	56.88	55.51	55.59	56.80	27.5	27.7	30.2	28.7	27.6	26.6	32.1	25.8	77	72	64	61	70	78	------
28	55.56	56.26	56.85	55.69	56.65	57.71	26.6	26.7	29.2	28.6	27.5	27.6	30.3	25.2	80	68	60	64	76	76	1.3
29	57.86	57.33	58.74	58.58	58.63	59.63	25.6	26.5	28.9	25.4	23.8	25.4	29.1	23.6	77	73	62	85	94	80	11.4
30	58.59	58.09	58.66	57.40	57.37	58.59	26	26.2	28.1	29.6	27	26.3	30.6	25.8	82	79	73	59	75	78	------
31	57.77	57.25	57.86	56.53	56.19	56.92	26.5	26.8	29	24.1	25	25.7	29.1	24	74	81	71	91	88	86	7.9
Mean	57.23	57.35	57.94	56.49	56.98	58.29	26.4	26.5	30.1	30.6	27.8	26.8	32.3	25.3	81.3	79.7	66.2	62.7	73.6	80	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	73.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	WSW	WSW	SW	WSW	WSW	WSW	52.8	119.1	130.9	108.6	411.4	10	A.-Cu. S	S.-Cu.	10	Ci.-S.	Cu.-N.
2	SW	WSW	WSW	WSW	WSW	SW	74.8	108.6	146.2	133.8	463.4	9	A.-Cu.	Cu.-N. SW	6	Ci. E	Cu.
3	SW	SW	W	WSW	WSW	SSW	80.5	98.5	99	43.8	321.8	6	A.-Cu. S	S.-Cu. SW	4	A.-Cu.	Cu.
4	SW	WSW	SW	SSW	WSW	SW	79.4	96.8	119.3	102.5	398	7	A.-Cu. S	Cu.	3	Ci.	Cu. SW
5	SW	WSW	WSW	WSW	WSW	SW	87.5	98.2	114.3	78.9	378.9	4	Ci. ENE	Cu.-N.	7	Ci. ENE	Cu.-N.
6	WSW	WSW	WSW	W	WSW	Calm	97.7	70.8	114.6	19.6	302.7	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. SW
7	Calm	Calm	WSW	WSW	SW	SW	16.7	58.1	77.2	61.5	213.5	8	Ci. NE	Cu.	7	Ci. NE	Cu. SW
8	WSW	Calm	WSW	SSW	SW	Calm	41.2	69.2	92.7	37.3	240.4	6	A.-Cu. SW	Cu.	3	Ci.	Cu. SW
9	WSW	SW	SW	WSW	WSW	SW	46.4	106.5	116.9	50.4	320.2	7	Ci. NE	Cu.	6	Ci.-S. NE	Cu. SW
10	SW	WSW	WSW	WSW	Calm	Calm	49.4	81.3	71	20.1	221.8	8	A.-Cu. S	S.-Cu.	9	Ci.-S.	Cu.
11	WSW	WSW	WSW	WSW	Calm	Calm	51.5	100.9	77.9	21.2	251.5	6	Ci.	Cu.-N. W	3	A.-Cu.	Cu.
12	WSW	WSW	WSW	WSW	WSW	NW	65.7	94.8	65.7	53.3	279.5	6	------------	Cu. WSW	9	Ci.-S.	Cu. WSW
13	Calm	WSW	WSW	WSW	WSW	WSW	18.7	67.9	83.5	86.4	256.5	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N. WSW
14	WSW	WSW	SW	WSW	WSW	WSW	101.1	147.8	141.9	114.3	505.1	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. WSW
15	WSW	WSW	SW	W	WSW	WSW	137.6	107	120.4	108.6	473.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
16	Calm	Calm	ENE	NW	SE	SSW	17.4	34.6	43.5	35.6	131.1	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
17	Calm	SSW	Calm	E	ENE	Calm	21.1	18.5	63.6	34.1	137.3	10	Ci.-S. WNW	Cu.	10	Ci.-S.	Cu.-N.
18	Calm	Calm	N	NW	Calm	SW	26.9	27.2	40.2	24.4	118.7	8	Ci. S	Cu.-N.	7	Ci. S	Cu.-N. E
19	SSW	WSW	NNW	WSW	Calm	Calm	48.8	40	79.5	16.1	184.4	10	------------	Cu.-N.	4	Ci.	Cu.-N.
20	SW	WSW	WSW	SW	SSW	Calm	38	76.9	75.6	35.7	226.2	10	Ci.-S.	Cu.-N. W	7	Ci.-S. E	Cu. W
21	WSW	W	WSW	WSW	WSW	SW	32	48	88.8	67.1	235.9	10	------------	Cu.-N.	8	A.-Cu. S	Cu. W
22	SW	SW	WSW	WSW	SW	WSW	76.2	67.6	106.2	101.1	351.1	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
23	WSW	WSW	SW	WSW	WSW	WSW	70.5	85.8	127.3	101.4	385	9	Ci.-S.	Cu.-N. WSW	4	Ci. E	Cu. WSW
24	WSW	W	WSW	W	W	W	83.5	82.6	89.1	47.3	302.5	10	------------	Cu.-N. W	10	A.-Cu.	Cu.-N.
25	W	W	WSW	WSW	W	WSW	93.3	106.8	97.9	80	378	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu.-N.
26	WSW	W	W	WSW	WSW	WSW	114.5	131.4	97.6	91.4	434.9	10	------------	S.-Cu. W	10	Ci.-S.	Cu.-N.
27	WSW	WSW	WSW	WSW	WSW	WSW	87.2	123.6	161.9	108.9	481.6	9	A.-Cu. SW	S.-Cu.	10	Ci.-S.	Cu. WSW
28	WSW	WSW	WSW	W	W	W	135.2	131.7	80.2	87.7	434.8	10	A.-Cu. SW	Cu.-N.	10	Ci.-S.	Cu.-N.
29	SW	WSW	WSW	WSW	Calm	WSW	138.1	82.6	39.2	43.7	303.6	10	------------	Cu.-N.	10	------------	Cu.-N.
30	W	WSW	WSW	W	WSW	W	78.9	84.5	85.3	91.1	339.8	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
31	WSW	W	W	WSW	WSW	WSW	93.1	113.2	59.5	60.2	326	10	Ci.-S.	Cu.-N. W	10	------------	Cu.-N.
Mean	------	------	------	------	------	------	69.5	86.5	93.8	66.6	316.4	8.8	------------	------------	7.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,809.2	----	------------	------------	----	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.47	54.47	55.77	54.22	53.30	54.36	25.8	26.8	27.5	26.2	26.1	26.1	27.7	24.4	86	77	78	86	84	83	13.7
2	53.34	52.78	54.26	53.33	53.28	54.62	26.5	26.8	27.5	26.8	26.7	27.5	28.3	25.9	82	77	75	72	76	68	10.9
3	54.21	54.97	55.71	54.18	55.16	56.91	27.4	24	29.8	31.4	27.7	26.2	32.6	23.7	72	94	62	57	75	82	------
4	56.51	56.84	57.01	55.81	56.64	58.18	25.3	25.1	32.4	33.8	27.9	26	35.5	24.9	84	76	48	44	77	88	------
5	58.32	58.57	58.69	57.44	57.75	59.81	24.5	23.8	29.7	32.2	29.1	25.7	34.8	23.4	92	94	70	58	64	87	------
6	58.82	58.90	59.64	57.65	57.89	59.64	24.3	23.7	30.3	31	29.4	26.4	32.8	23.3	91	92	72	72	79	87	------
7	58.67	58.42	58.89	57.15	58.51	59.75	25.1	25	32.1	32	28.4	27.3	34.1	24.3	88	84	58	61	77	80	------
8	58.09	58.28	59.01	57.07	57.39	58.69	25.1	24.1	30.8	32.3	28.6	27.9	34.1	23.9	92	91	62	58	72	79	------
9	57.69	57.48	58.29	56.34	56.86	57.60	27.5	27.3	31.5	32.4	28.6	28.3	33.3	27.1	80	76	60	54	68	73	------
10	56.72	56.79	57.53	55.95	56.04	57.61	27.5	27.5	31.2	31.3	28.7	28	33.8	27.3	80	75	62	63	66	70	------
11	56.81	56.94	57.69	56.39	57.16	59.13	25.7	24.7	30.5	32.5	29.8	26.2	34.3	24.6	89	92	65	60	62	82	------
12	58.35	53.55	59.43	57.78	58.55	60.36	24.5	24	30.7	33	28.6	26.5	33.8	23.7	92	92	64	64	80	83	------
13	59.35	59.10	59.78	57.94	58.14	60.34	25.1	24.1	30	32.7	29	26.1	33.1	23.9	90	94	77	69	77	87	------
14	59.57	59.43	60.06	58.03	58.40	59.71	25.1	24	30	32.1	27.5	26.5	34	23.7	88	92	69	65	84	81	2.5
15	58.67	58.78	59.43	57.40	57.51	59.15	24.9	24.5	31.2	31.8	28.5	26	32.8	24.1	91	93	61	58	74	86	------
16	58.62	58.36	58.83	56.99	58.06	59.76	24.4	24.5	30.9	32.3	29	24.8	33.8	24.1	93	92	65	52	62	79	------
17	58.72	58.92	59.94	57.86	58.45	60.14	24	24.2	31.9	31.6	28.4	26	33.2	23.7	86	90	67	60	74	88	.8
18	59.20	59.23	59.98	57.94	57.79	59.81	24.1	24.9	29.7	31.7	27.9	25.9	33	23.9	97	93	74	62	77	87	37.6
19	59.42	59.71	60.16	57.77	58.21	59.62	25.4	23.1	27.5	30.5	27.7	25.7	31.3	22.8	84	96	78	65	76	88	14
20	59.07	58.45	59.37	57.39	57.22	58.81	24.5	23.6	26.9	27.2	25.9	24.9	27.8	23.5	92	96	86	84	90	97	27.7
21	57.79	57.93	58.69	56.66	57.71	59.05	23.7	23.5	27.6	28.7	26.5	26.1	29.8	23.1	97	96	87	73	82	79	3.6
22	58.39	58.26	59.54	58.07	58.66	60.65	25.5	25.7	29.7	29.5	28.6	24.6	30.5	23.8	79	82	64	64	70	91	12.8
23	59.71	59.62	60.44	58.62	58.49	60.26	23.7	23.4	27.9	29.9	27.8	25.6	31.2	22.9	94	94	80	65	79	91	------
24	59.12	59.34	60.15	57.78	58.02	59.56	24.1	23.5	28.9	31.2	27.9	24.9	31.7	23.1	91	96	75	62	77	92	2
25	58.48	58.73	59.59	57.61	57.96	59.65	23.8	24.1	29	30	28.2	26.5	31.4	23.4	95	96	77	76	80	89	------
26	58.90	58.84	59.58	57.65	58.06	59.99	24.5	24.1	30.1	30.2	28.3	25.1	31.9	23.9	95	94	74	76	80	92	.5
27	59.35	59.42	60.68	58.58	58.16	60.14	23.9	23.4	29.6	31.4	28.4	25.3	32	23.1	93	95	73	70	82	89	------
28	59.19	58.75	59.53	57.39	57.95	59.67	24.5	23.8	30.7	30	28.1	26.1	31.4	23.7	91	93	70	87	95	90	2
29	58.58	58.62	59.55	57.45	57.69	58.77	24.7	24.6	28	30	27.5	26.3	31.8	24.3	92	92	81	78	81	84	------
30	58.62	58.08	59.04	56.88	57.44	58.54	24.5	23.6	29.2	31.2	28.1	24.8	32.6	23.3	93	93	73	74	77	90	------
Mean	58.12	58.09	58.88	57.04	57.42	59.01	25	24.5	29.8	30.9	28.1	26.1	32.3	24	89	89.9	70.2	66.3	76.6	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	128.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	W	W	W	WSW	116.2	93.8	89.9	119.6	419.5	10	------------	Fr.-N. W	10	------------	Cu.-N.
2	SW	SW	WSW	WSW	SW	SW	179.2	197.9	229.8	158.7	765.6	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Fr.-N. WSW
3	SW	SW	SW	SW	SW	SW	131.7	66.2	85.3	58.7	341.9	10	------------	Fr.-N. SW	10	Ci.-S.	Cu.
4	SSW	SSW	WSW	WSW	W	Calm	67.3	70.3	91.5	24.6	253.7	5	Ci. NNE	Cu.	8	Ci.-S.	Cu. SW
5	Calm	SW	NNW	NW	SW	SSW	22.2	40.8	63.3	28	154.3	2	Ci.	Cu.	1	Ci.	Cu.
6	Calm	Calm	Calm	NW	ENE	Calm	22.7	32.4	25.1	22.3	102.5	8	A.-Cu.	S.-Cu.	3	------------	Cu.-N.
7	Calm	Calm	W	NW	WSW	Calm	25.7	40	70.2	31.1	167	6	Ci. E	Cu.-N.	6	Ci. E	Cu.-N.
8	Calm	WSW	WSW	WSW	W	SW	18.3	58.1	74.8	63.3	214.5	7	Ci. E	Cu.-N.	4	Ci.	Cu.-N.
9	WSW	WSW	WSW	WSW	WSW	WSW	80.8	80.5	93.1	78.1	332.5	8	Ci. E	Cu.-N.	8	Ci.-S.	Cu.-N.
10	WSW	WSW	W	SW	WSW	WSW	88.8	86.4	103.5	62.8	341.5	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
11	Calm	Calm	NW	WNW	WSW	Calm	28	42.3	63.6	24.1	158	8	A.-Cu. SW	Cu.-N.	5	Ci.	Cu.-N. W
12	Calm	Calm	NW	W	Calm	Calm	28.8	41.8	62.2	16.1	148.9	4	Ci.	Cu.	3	Ci.	Cu.-N.
13	Calm	Calm	NW	NW	WSW	Calm	20.7	39.9	48	17.4	126	8	A.-Cu. WSW	Cu.-N.	5	A.-Cu. WSW	Cu.-N.
14	Calm	SSW	W	W	WSW	SW	27.7	58.9	68.9	37.2	192.7	8	A.-Cu. NE	Cu.-N.	6	Ci. N	Cu.-N.
15	Calm	Calm	WSW	W	SW	Calm	31.1	52.6	79.1	20.9	183.7	5	Ci.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
16	Calm	Calm	WSW	WNW	WNW	Calm	20.4	52.5	69.4	30.9	173.2	7	Ci. N	Cu.-N.	3	Ci.	Cu.-N.
17	Calm	SW	ENE	W	W	Calm	25.1	51.5	78.4	22.2	177.2	4	Ci. E	Cu.-N.	7	Ci. E	Cu.-N.
18	Calm	Calm	NNW	W	WSW	Calm	26.8	41.5	48.8	24.4	141.5	9	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
19	Calm	Calm	W	NW	WSW	W	38.3	41.8	37.2	22.5	139.8	10	------------	Cu.-N.	9	------------	Cu.-N. SSW
20	Calm	Calm	Calm	WNW	Calm	Calm	35.2	14.2	41.6	19.8	110.8	10	------------	Cu.-N.	10	------------	Cu.-N.
21	W	Calm	Calm	W	WSW	WSW	31.1	35.9	57.6	64.9	189.5	9	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	Calm	WSW	SW	WSW	Calm	SSW	34	71.3	61	36.2	202.5	7	Ci. N	Cu.-N.	10	------------	Cu.-N. W
23	Calm	Calm	W	W	Calm	Calm	19.6	45.9	68.4	12.6	146.5	8	Ci.-S.	Cu.-N. SW	9	------------	Cu.-N. SW
24	SW	WSW	Calm	NW	Calm	Calm	33	22.2	32.5	19	106.7	8	------------	Cu.-N. SW	5	Ci. N	Cu.-N.
25	Calm	S	Calm	NE	NE	Calm	26.8	24.6	58.4	36.2	146	9	------------	Cu.-N. NE	4	Ci.	Cu.-N.
26	Calm	Calm	E	ENE	ENE	Calm	26.8	43.3	92.2	47.2	209.5	6	Ci.	Cu.-N. E	4	------------	Cu.-N. E
27	SW	SW	Calm	E	Calm	Calm	29.6	36.7	43	21.5	130.8	3	Ci.	Cu.-N.	3	Ci.	Cu.-N. ENE
28	Calm	Calm	E	NW	NW	SW	28.7	31.6	83.1	28	171.4	3	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
29	Calm	Calm	WNW	WSW	WSW	WSW	32	59.8	96.6	------	------	9	------------	Cu.-N. W	5	------------	Cu.-N. W
30	Calm	Calm	WNW	W	W	Calm	------	------	84.5	26	------	3	Ci.	Cu.	5	Ci.	Cu. W
Mean	------	------	------	------	------	------	44.7	54.3	73.4	40.5	212.4	7.1	------------	------------	6.3	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.70	58.25	59.13	57.11	58.19	58.99	24.1	24.6	30.6	32.7	28.3	25.9	32.8	23.9	88	92	67	60	77	88	11.2
2	58.09	58.53	59.47	56.84	57.40	58.98	24.5	24.3	27.5	30.6	27.6	24.6	31.4	23.7	92	90	80	65	79	91	------
3	58.27	58.43	59.18	57.13	57.76	59.45	23.8	24.1	29.5	30.8	27.7	25	33	23.1	92	93	72	67	82	90	.5
4	58.84	58.88	59.89	57.88	58.77	59.51	24.1	25.5	30.2	32	28.9	25.8	32.6	23.9	91	92	71	60	70	84	------
5	58.33	58.63	59.21	57.09	57.59	59.17	24.8	23.9	29	30.8	28	25.7	31.8	23.5	84	90	71	63	77	90	3
6	58.39	58.50	59.16	56.68	57.72	59.51	25.1	23.6	27.7	31.7	28.3	25	33	23.3	88	94	79	59	72	88	2.5
7	58.40	58.30	59.80	58.02	58.37	59.36	24.6	23.5	28.9	29	27.5	24.8	31.2	23.4	89	96	77	64	80	92	4.1
8	58.02	58.43	59.55	57.23	57.77	58.59	24.2	24.1	29.5	31.7	27.5	25.3	32.7	23.5	94	94	74	61	81	89	12.4
9	57.08	56.99	57.56	55.40	56.01	57.17	25.1	25.2	29	30.5	27.5	27.2	31.1	24.2	89	96	77	68	82	83	5.1
10	55.92	56.02	57.09	54.86	55.39	56.51	25.9	25.2	28.9	31	28.2	27	31.9	25	89	92	76	65	76	80	.5
11	55.25	55.41	55.99	53.80	55.33	55.47	27.2	27.1	28.6	30	25.4	27.1	31.8	25	76	79	77	66	88	75	3.4
12	54.11	54.98	56.15	55.05	55.37	56.60	26.4	27.2	27.4	28.1	26.5	27	28.6	25.5	79	75	78	77	82	67	6.6
13	55.22	55.02	56.08	54.58	55.30	56.64	24.9	23.9	31.9	30.1	28.5	25.7	32.8	23.5	77	85	53	59	75	82	------
14	55.77	55.81	56.36	54.71	55.21	56.72	24.7	24	31.2	29.2	27.8	26.7	33.9	23.6	90	93	50	68	79	83	------
15	55.51	56.30	57.68	56.75	56.89	59.35	25.9	27.9	31.2	29	28.5	27.5	32.7	25.4	84	70	54	64	68	73	.5
16	58.41	58.51	59.95	58.55	58.64	60	26.8	27	30.1	30	27.6	27.4	31.9	26.6	78	78	71	67	69	73	------
17	59.20	59.46	60.13	58.19	58.86	60.37	27.2	26.5	30.8	30.5	27.5	27.1	32.3	26.3	75	82	64	63	73	80	------
18	59.74	59.76	60.68	59.35	59.54	60.35	26.9	26.5	31	31.9	28	25.9	32.9	25	81	85	62	59	76	85	------
19	59.85	60.06	61.05	58.46	59.14	60.35	24.8	24.3	29.7	31.3	27.5	26.9	32.8	24.1	89	93	72	61	77	75	21.4
20	59.35	59.40	60.60	58.27	59.12	60.65	24.1	25.1	25.5	29.7	26	24.5	30.3	23.5	95	88	92	72	85	96	53.8
21	59.71	59.06	60.20	58.43	58.38	59.85	23.9	24.5	27.9	27.8	26.5	25	29.7	23.7	98	97	79	82	89	92	1.5
22	58.67	59.02	59.50	57.31	57.89	59.02	25	25.1	28.9	30.7	27.5	26.7	31.4	24.5	92	93	76	65	78	82	5.4
23	57.93	58.34	59.06	57.45	57.82	59.56	25.8	26.3	30.2	31.5	27.9	25.5	32.4	24.7	91	86	64	69	77	87	37.6
24	58.62	58.65	60.25	58.51	59.62	61.26	24.8	24.1	25.5	27.6	25.6	24.8	28	23.9	92	96	88	83	91	92	16
25	60.15	60.46	61.87	59.56	59.61	60.60	24.6	24	27.1	28.9	26.5	25	30.3	23.9	94	96	76	72	84	92	------
26	59.30	59.88	60.64	58.24	59.19	60.44	24.8	24	28.1	28.2	27.5	24.5	29	23.4	87	90	82	85	76	91	------
27	59.60	60.03	60.34	58.02	58.64	60.76	23.8	23.7	28.8	29.1	27.6	25.9	30.3	23.5	95	94	69	75	73	85	------
28	59.87	59.91	60.40	58.54	59.46	60.94	24.6	23.8	29	29.3	27	25	30.5	23.6	90	91	73	79	84	91	------
29	60.18	60.06	60.79	58.69	59.19	60.51	24	23.2	29.1	29.9	27.8	25.1	30.4	22.8	92	95	76	72	79	92	9.4
30	59.50	60	60.96	58.06	58.54	59.91	24.3	23.3	29.7	29.1	27	25.6	31.5	23.1	95	96	74	80	89	91	4.1
31	58.54	59.27	60.75	58.27	58.98	60.54	24.6	24	25.8	25.9	25.8	26	27.4	23.8	96	97	88	85	85	89	1
Mean	58.18	58.40	59.34	57.32	57.93	59.26	25	24.8	29	30	27.4	25.8	31.4	24.1	88.5	89.9	73	68.9	79.1	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	200

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	Calm	WNW	W	W	Calm	26.8	64.4	93	19.3	203.5	8	------------	Cu.-N. W	3	Ci.	Cu.-N.
2	Calm	SW	WSW	W	W	Calm	33	47.8	67.9	21.4	170.1	9	------------	Cu.-N. W	9	A.-Cu. SW	Cu.-N.
3	Calm	Calm	W	W	Calm	W	24.7	------	------	------	------	10	------------	Cu.-N. W	8	Ci.-S.	Cu.-N. W
4	SW	W	WNW	W	W	Calm	26.6	56.1	77.2	18	177.9	7	------------	Cu.-N. W	5	Ci. S	Cu.-N. W
5	Calm	SSW	WNW	WNW	SSW	Calm	43.5	53.6	76.2	23	196.3	10	------------	Cu.-N. W	8	Ci.-S.	Cu.-N.
6	SSW	Calm	Calm	WSW	Calm	SW	46.5	23.5	58.9	20.6	149.5	9	------------	Cu.-N. W	5	------------	Cu.-N. W
7	SW	WSW	W	WSW	SW	Calm	27.1	57.7	43.7	15.9	144.4	4	Ci. S	Cu.-N.	9	------------	Cu.-N. W
8	Calm	SW	NW	W	W	Calm	25.1	46.7	68.2	15.1	155.1	6	------------	Cu.-N. W	6	A.-Cu. SW	Cu.-N.
9	WNW	Calm	W	W	WSW	WSW	35.1	73.4	79.7	46.9	235.1	9	------------	Cu.-N. W	8	Ci.-S.	Cu. W
10	WSW	SW	WSW	WSW	W	WSW	73.2	68.4	91.1	99.8	332.5	10	------------	Cu.-N.	6	Ci. NNE	Cu.-N. W
11	WSW	WSW	SW	WSW	WSW	SW	112.7	44.6	82.3	121.3	360.9	10	------------	Fr.-N. WSW	10	------------	S.-Cu. WSW
12	WSW	SW	SW	SW	WSW	SW	141.4	117.3	104.8	100.1	463.6	10	------------	Fr.-N. SW	10	------------	Cu.-N.
13	Calm	Calm	SW	W	Calm	SE	18.3	66.2	51	46.9	182.4	8	A.-Cu. W	S.-Cu.	10	------------	Cu.-N.
14	Calm	Calm	WSW	WSW	W	Calm	18.7	47.7	78.7	29	174.1	9	A.-Cu. SW	S.-Cu.	10	A.-Cu. SW	S.-Cu.
15	Calm	WSW	SW	SW	SW	SW	53.9	128.5	155.1	107	444.5	6	Ci.	Cu. SW	10	------------	Cu.-N. SW
16	WSW	W	W	W	WSW	SW	81.5	89.3	139.8	80.3	390.9	10	Ci.-S.	Cu. SW	10	------------	Cu.-N. SW
17	WSW	WSW	WSW	W	WSW	SW	50.4	60.4	86.6	112.9	310.3	9	------------	S.-Cu. SW	6	A.-Cu. S	Cu.-N. SW
18	W	W	W	W	WSW	Calm	91.5	78.9	78.4	31.9	280.7	9	A.-Cu. S	Cu.-N.	5	A.-Cu. S	Cu.-N. SW
19	Calm	WSW	WSW	W	WSW	WSW	25.1	49.1	88	52.1	214.3	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SW
20	WSW	SW	W	W	WSW	Calm	70.8	59.2	85.5	22.3	237.8	5	A.-Cu. S	Cu.-N.	5	Ci. NE	Cu.-N. SW
21	Calm	Calm	Calm	Calm	Calm	Calm	28	37.3	29.3	20.3	114.9	10	------------	N. N	10	------------	Cu.-N.
22	WSW	W	W	WSW	WSW	WSW	38	72.4	84.7	68.1	263.2	10	------------	Cu.-N. W	7	Ci.	Cu.-N. W
23	WSW	WSW	W	WSW	W	Calm	53.7	94.4	83.4	23.9	255.4	7	Ci. SW	Cu.-N.	5	Ci.	Cu.-N. W
24	SW	SW	Calm	Calm	Calm	Calm	39.2	30.8	37.5	30.9	138.4	10	------------	Cu.-N.	10	------------	Cu.-N.
25	Calm	Calm	Calm	Calm	Calm	Calm	23.9	21.1	9.9	21.1	76	9	Ci. S	Cu.-N. N	8	Ci.-S. S	Cu.-N.
26	NW	Calm	NNW	NNW	Calm	WSW	67.9	52.9	60.9	24.4	206.1	4	Ci.	S.-Cu.	8	A.-Cu. SW	Cu.-N.
27	Calm	Calm	Calm	NNW	ESE	Calm	24.1	28.4	48	21.4	121.9	7	A.-Cu. SW	S.-Cu.	2	Ci.	Cu.-N.
28	Calm	SSW	Calm	NNE	Calm	Calm	26.2	20.6	52.6	22.2	121.6	6	A.-Cu. S	Cu.-N.	5	Ci.	Cu.-N. N
29	Calm	Calm	Calm	NNW	ENE	Calm	23.5	22	42	35.6	123.1	5	Ci. SW	Cu.-N.	2	------------	Cu.-N.
30	SW	SW	Calm	NNW	E	Calm	26.8	26.8	53.4	38.4	145.4	3	Ci	Cu.-N.	7	Ci.	Cu.-N.
31	SE	Calm	ESE	E	ESE	E	25.2	48	59.2	42.1	174.5	6	Ci. SW	Cu.-N.	10	------------	Cu.-N.
Mean	------	------	------	------	------	------	45.2	56.2	72.2	44.4	218.8	7.8	------------	------------	7.3	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.67	59.28	60.25	58.11	59.06	60.66	23.7	23	28.1	29.9	27.5	25.5	30.5	22.8	97	97	79	77	82	93	2
2	59.35	59.53	59.97	58.34	58.65	60.42	24.5	24.9	27.3	25.8	27.6	25.2	30.6	23.9	98	97	87	88	82	94	20.8
3	59.46	59.77	60.35	58.28	58.84	60.09	24.4	23.6	28.5	29	27.9	25.5	30.3	23	97	96	78	76	81	93	------
4	59.22	59.46	60.29	58.51	59.03	60.34	24.4	24	29.4	28.3	27.4	25.3	31	23.7	95	95	69	79	81	93	5.8
5	59.33	59.40	60.55	58.48	58.89	60.15	24.2	24.1	27.9	29.5	27.2	26.1	30	23.9	97	97	79	75	87	94	3.3
6	59.50	59.68	60.24	58.55	59.19	60.16	25.1	24.5	27.3	25	25.1	24.8	29.6	24.1	95	96	86	94	93	97	33
7	58.90	59.77	60.57	58.51	59.22	60.66	24.7	24.1	27	26.5	27.2	26.5	29	23.8	96	96	84	89	87	89	3.5
8	59.17	59.47	60.20	58.93	59.27	60.23	26.5	26.3	25.8	25.6	24.9	24	29.8	23.9	92	93	93	96	97	97	93.6
9	59.19	59.71	60.71	58.19	57.80	59.45	24.1	24.1	28.2	29.8	26.5	25.5	31	23.9	97	97	82	75	87	92	21.3
10	58.69	58.93	60.11	57.86	58.42	59.90	24.3	23.8	27.4	29.4	27.7	27	29.6	23.6	95	97	88	76	78	80	15.3
11	58.94	58.88	59.90	58.27	59.11	60.46	23.4	23.5	26.7	26.2	25	24.1	28.8	22.9	97	96	83	91	92	96	30.7
12	59.46	59.70	60.90	59.21	59.45	60.50	24	25.1	28.4	28.1	27.4	24.1	29.6	23.2	97	94	80	74	80	95	------
13	59.19	59.90	61.03	58.69	58.67	60.15	23.1	22.9	26.3	26	26.5	26.4	30	22.3	97	96	82	78	76	73	1
14	59.12	59.25	60.56	58.62	59.06	60.61	25.7	21.4	27	27.9	26.2	23.9	29.3	21.2	74	92	69	68	77	88	------
15	59.22	59.60	61.11	59.31	59.86	61.09	22.7	26	27.9	29.5	26.8	24.4	30.5	22.1	89	76	69	66	77	87	------
16	60.52	60.55	61.57	59.54	60.06	60.94	24.5	22.4	27.7	26.8	27	26.5	30.6	22.1	86	94	73	85	80	81	4.1
17	60.12	60.45	60.96	59.04	59.64	60.96	25.2	24.1	27.9	29.8	27.1	26.7	30.7	23.4	92	96	77	71	82	83	------
18	60.27	61.25	62.05	59.84	60.32	61.66	24.5	26.1	27.8	28.5	27.4	25.3	30	24.2	95	90	79	78	81	91	------
19	60.30	60.76	61.64	59.88	60.84	61.72	23.9	24.1	28.6	26.2	26.5	24	31.7	23	93	95	81	94	88	97	25.2
20	60.97	61.05	61.80	59.83	60.27	61.24	23.3	23.5	28.1	28.7	26.9	26	30	23	96	96	80	79	86	86	1.3
21	60.16	60.42	61.36	59.11	59.67	60.57	23.8	23.5	26.6	26.6	26	23.9	28.5	23.1	95	97	82	88	90	96	7.9
22	58.99	59.06	60.04	58.42	59.29	60.77	23.1	23.4	26.9	29.3	26.5	24.7	29.8	22.6	97	97	86	72	91	95	11.7
23	59.79	60.09	61.30	59.50	60.29	61.75	26.2	26.5	27.8	29.5	27.6	26.7	30.6	24.1	86	86	79	72	83	83	------
24	61.15	60.76	61.72	59.90	60.34	61.71	26.2	25.3	28.8	30	27.1	26.1	30.8	23.3	82	85	73	64	78	89	.5
25	60.57	60.62	61.68	59.30	59.51	60.41	22.4	22.2	25.7	27	26	23.3	28	21.9	97	96	78	80	84	94	1
26	58.77	58.71	59.61	57.32	57.56	58.73	22.4	22.9	27	28	26.1	24.2	29.6	21.9	96	95	80	71	87	89	------
27	57.44	57.50	59.10	57.14	57.72	58.70	23.5	22.5	29.3	30.4	27.1	24.1	31.3	21.9	93	96	70	72	81	94	------
28	58.04	58.79	59.75	57.57	57.86	59.12	24	22.6	28.7	29	27.1	24	30.8	22.4	90	96	76	74	81	93	------
29	58.44	58.84	59.86	57.64	58.14	59.43	23.2	22.5	28.8	28.7	27.6	25.1	30.3	22.3	95	96	71	78	81	92	.8
30	58.70	58.80	59.95	58.21	59.11	59.94	24.1	23.1	29.6	27.9	27	26	31.2	22.9	97	96	70	77	82	88	------
Mean	59.42	59.67	60.64	58.67	59.17	60.42	24.2	23.9	27.8	28.1	26.8	25.2	30.1	23	93.4	94.2	78.8	78.6	83.7	90.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	282.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	E	E	NE	Calm	23.6	38.1	97.2	40.2	199.1	7	------	Cu.-N. E	5	A.-Cu. SW	Cu.-N.
2	Calm	Calm	ENE	SSE	ENE	Calm	19.1	46.5	78.6	48	192.2	8	------	Cu.-N. E	8	------	Cu.-N. E
3	Calm	Calm	E	E	ENE	Calm	21.5	22.7	75.1	31.9	151.2	4	------	Cu.-N.	4	A.-Cu. S	Cu.-N.
4	ENE	Calm	ENE	E	ENE	Calm	21.5	38	86.7	38	184.2	6	A.-Cu. S	Cu.-N.	8	A.-Cu. S	Cu.-N. E
5	Calm	SSW	E	E	E	Calm	28.5	36.5	89	38	192	10	------	Cu.-N.	5	Ci. ESE	Cu.-N.
6	Calm	Calm	Calm	ENE	E	Calm	22.5	30.3	29.6	33.5	115.9	6	A.-Cu. SE	Cu.-N. E	10	------	Cu.-N.
7	Calm	Calm	Calm	ENE	NE	NE	21.2	31.2	66.8	66.6	185.8	10	------	Cu.-N.	9	------	Cu.-N. E
8	NE	NE	ESE	Calm	Calm	Calm	49.7	59.8	38.3	23.5	171.3	10	------	Cu.-N. E	10	------	Cu.-N.
9	Calm	Calm	Calm	Calm	E	Calm	24.4	25.5	28.4	53.1	131.4	10	------	Cu.-N.	10	------	Cu.-N.
10	SSW	Calm	Calm	ENE	ENE	E	24.6	25.9	101.4	77	228.9	8	------	Cu.-N.	8	------	Cu.-N. E
11	Calm	Calm	Calm	Calm	Calm	Calm	30.3	19.5	25.4	26.9	102.1	9	------	Cu.-N.	10	------	Cu.-N. E
12	NNE	Calm	Calm	NE	ENE	Calm	29	47.2	92.7	35.1	204	9	------	Cu.-N.	6	A.-Cu.	Cu.-N. E
13	Calm	SSW	Calm	NNW	Calm	Calm	29	25.7	37	25.9	117.6	7	Ci.-S.	Cu.-N.	10	------	Cu.-N.
14	WSW	WSW	NNW	NNW	Calm	Calm	35.6	94.1	68.9	38.9	237.5	7	Ci.-S.	S.-Cu. N	6	A.-Cu. NE	Cu.
15	NNW	NNW	NNW	Calm	NW	Calm	74.6	50.5	35.2	30.8	191.1	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
16	WSW	WSW	NW	N	NNW	NW	41.8	34	56.1	74.8	206.7	3	Ci.	Cu.-N.	8	------	Cu.-N.
17	Calm	Calm	NW	NW	NW	NNW	24.9	31.6	61	58.4	175.9	10	------	Cu.-N.	7	Ci.	Cu.-N. N
18	Calm	NNW	NNW	NW	NNW	Calm	67.6	68.7	77.2	47.5	261	10	------	S.-Cu. N	6	------	Cu.-N. N
19	Calm	Calm	Calm	SE	NE	Calm	23.8	41.3	53.6	37.8	156.5	7	------	Cu.-N. NE	8	------	Cu.-N. NE
20	Calm	Calm	Calm	NNE	NNW	Calm	33.3	14	84.2	19	150.5	7	------	Cu.-N. NE	5	------	Cu.-N. NE
21	Calm	Calm	ENE	Calm	Calm	WSW	24.7	33.8	11.8	24.6	94.9	4	------	Cu.-N. NE	9	------	Cu.-N. NE
22	NE	Calm	ENE	NE	NE	NE	28.2	32	112.9	32.4	205.5	9	------	Cu.-N. NE	5	------	Cu.-N. NE
23	NE	E	NE	ENE	E	NE	66.8	64.2	100.9	57.7	289.6	6	------	Cu.-N. ENE	4	------	Cu.-N. E
24	ENE	E	Calm	E	ENE	N	54.2	46.7	142.7	32.8	276.4	3	------	Cu.-N.	2	------	Cu.-N.
25	ENE	Calm	ENE	Calm	Calm	Calm	28.4	39.6	16.1	23.1	107.2	5	------	Cu.-N.	8	------	Cu.-N. NE
26	WNW	Calm	NW	NNW	W	WNW	31.2	89.6	72.2	29.8	172.8	10	------	Cu.-N. NE	4	Ci.	Cu.-N.
27	W	Calm	WNW	NW	Calm	Calm	30.8	24.9	30.6	21.9	108.2	2	Ci.	Cu.-N.	2	------	Cu.-N.
28	Calm	Calm	Calm	NNW	Calm	Calm	17.7	22.5	40.4	22.7	103.3	2	------	Cu.-N.	1	Ci.	Cu.-N.
29	W	WSW	Calm	NNW	NNW	Calm	33.6	23.9	40.8	32.8	131.1	1	------	Cu.-N.	2	------	Cu.-N.
30	Calm	Calm	ENE	Calm	Calm	E	27.2	37.5	40	43.8	148.5	2	------	Cu.-N.	8	------	Cu.-N. E
Mean	------	------	------	------	------	------	33	38.2	63	38.9	173.1	6.7	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,192.4	------	------	------	------	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimnm.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.15	59.67	60.24	58.62	59.12	60.03	24.5	24.9	29.2	28.5	27.1	23.5	80	22.7	95	88	74	78	77	92	1.5
2	59.14	59.76	60.76	59.44	59.90	60.73	22.4	24.4	25.7	25.9	25	23.9	28.1	22.1	98	92	89	85	88	95	9.3
3	60.12	60.71	61.35	60.14	60.69	61.80	23.8	24.2	28.6	29.8	27.5	24.7	30.5	23.7	96	95	72	69	74	92	10.9
4	61.01	61.18	61.94	60.21	60.90	61.71	24.5	23.8	27.4	28.4	26.3	25.7	29.4	23.5	89	96	86	78	83	89	71.6
5	61.20	61.50	62.37	60.72	61.71	62.40	24.3	24	24.8	24.3	24.2	24	25.1	23.3	93	96	90	91	91	92	51.9
6	61.06	61.27	61.85	59.71	60.22	61.40	23.9	23.6	27.4	28.4	26.4	24.7	29	23.1	95	97	75	75	82	88	46.9
7	60.32	60.45	61.42	59.45	59.90	60.98	24.3	24.1	24	24.6	24.8	24.8	25.2	22.9	93	91	97	93	92	91	101.6
8	59.95	59.61	60.39	58.43	59.43	60.16	23.7	23.4	27.9	24.8	24.5	25.5	28.7	22.9	96	97	82	90	95	84	23.1
9	59.24	59.33	60.10	58.06	58.84	60.24	25.5	25.6	27	28.7	25.1	26.4	29	23.6	86	86	83	77	94	84	12.9
10	59.52	59.69	60.66	58.67	59.07	60.55	26.3	26.2	28.2	27.9	27	26.2	29.4	24.9	84	82	77	79	83	90	17.2
11	59.97	60.15	60.86	58.54	58.85	59.76	25.3	22.7	26.6	28.6	26.5	25.4	29.9	22.3	85	96	85	76	86	93	10.1
12	58.93	59.20	59.89	57.79	58.35	59.44	25.6	23.3	28.8	27.5	26.7	26.1	30	23.1	89	96	78	79	83	90	.5
13	58.39	58.74	59.89	58.38	58.78	60.40	25.6	25.9	26.1	24.7	25.4	23.7	28.1	22.5	92	88	89	95	92	94	75.2
14	58.34	58.33	59.45	57.83	58.52	59.35	23.4	23	25.2	24.9	24.9	25.2	27.5	22.4	94	97	96	97	94	89	62.7
15	58.34	58.35	59.11	57.41	58.38	59.25	24.1	24.1	27.5	26.5	25.4	25	30.1	23.4	95	97	87	89	91	95	5.8
16	58.94	59.38	60.51	58.47	59.11	60.05	24.7	23.3	27	29.8	27.1	24.6	30.3	23.1	92	97	88	76	83	95	------
17	59.09	59.48	60.59	58.67	59.24	60.55	23.5	24.4	27.1	27	26.7	24.8	29	23.1	97	95	83	90	86	94	------
18	59.34	59.71	60.70	58.69	59.64	60.71	24.4	24	25.5	27.5	27.1	25.1	29.5	23.4	97	97	94	82	90	95	38.6
19	60.30	60.56	61.55	59.19	60.55	61.71	24.7	24	26.1	29.1	26.9	25.5	30.3	23.6	95	93	82	75	85	84	6.4
20	60.65	60.72	61.44	60.20	60.41	61.23	25.7	26.4	27.1	25.7	26.5	25.2	28.2	23.1	84	82	81	90	86	89	79.3
21	59.97	60.06	60.65	58.89	59.40	60.32	25.1	24.1	25	24.8	25	24	26.1	23.5	88	96	93	92	92	97	55.8
22	58.85	58.68	60	57.72	58.07	59.93	23.3	22.8	27.2	26.4	24.9	24.8	29.2	22.5	97	97	87	92	92	94	18.3
23	58.84	58.78	59.06	57.92	58.89	59.98	23.9	23.7	27.5	27	26.6	24.8	30.1	23.5	97	97	74	86	80	92	1
24	58.78	58.57	59.76	57.05	57.41	58.62	24.8	23.6	26.7	29.6	26.2	24.8	30.4	23.2	90	96	75	69	79	92	------
25	57.69	57.99	59.74	57.57	58.28	59.37	25.1	25.5	28.9	29.9	26.6	24.6	31	24.2	88	88	76	73	94	93	------
26	58.69	58.82	60.27	58.25	58.70	59.82	23.9	23.5	28.7	30.1	27.1	24.7	31.9	23.3	92	95	80	72	90	94	7.1
27	58.60	58.78	59.81	57.69	58.21	59.81	24.6	24	28.4	29.7	26.3	24.6	30.6	23.7	92	95	82	69	86	95	26.1
28	59.01	59.44	60.47	58.81	59.24	60.01	25.6	26	27.5	26.9	26.5	26.2	28.1	24.5	86	84	76	79	84	86	38.4
29	59.50	60.68	61.32	59.06	60.53	61.90	25.3	25.5	27.4	29.3	27	25.1	31.5	24.7	95	94	85	79	87	91	5.5
30	61.35	61.92	62.85	61.22	61.56	63.01	24.7	24.6	28.5	29.9	27.8	25	30.5	23.9	95	96	78	70	76	92	------
31	62.71	62.54	63.29	61.53	62.36	63.61	25.8	25.7	28.2	29.5	27	26.2	30.4	24.4	88	91	77	69	82	79	------
Mean	59.58	59.81	60.72	58.85	59.49	60.61	24.6	24.3	27.1	27.6	26.2	25	29.3	23.4	92	93.1	82.9	81.1	86.4	91	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	777.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	Calm	N	E	Calm	32.7	32.2	95	34.3	194.2	6	------	Cu.-N. N	2	------	Cu.-N.
2	SSW	NE	Calm	SE	Calm	Calm	32.8	30.3	41.3	18.8	123.2	10	------	Cu.-N.	10	------	Cu.-N.
3	Calm	Calm	E	E	NE	Calm	33.2	84.2	103.8	61.2	282.4	3	------	Cu.-N.	3	Ci.	Cu.-N.
4	Calm	WSW	Calm	NNW	ENE	Calm	23	28.5	45.3	47.2	144	10	------	Cu.-N. E	3	------	Cu.-N. E
5	E	ENE	ENE	E	E	SE	34.3	49.4	120.1	56.8	260.6	10	------	Cu.-N.	10	------	Cu.-N.
6	Calm	E	ENE	NE	ENE	E	32.7	117.2	136.8	111.8	398.5	10	------	Cu.-N.	7	A.-Cu. SE	Cu.-N. E
7	NE	Calm	E	Calm	NE	NE	49.4	51.2	52.3	50.5	203.4	10	------	Cu.-N.	10	------	Cu.-N.
8	E	E	ENE	ENE	Calm	E	40.4?	53.6	89.8	64.7	248.5	9	------	Cu.-N.	10	------	Cu.-N.
9	ENE	NE	ENE	ENE	E	ENE	85.3	145.3	94.1	110.4	435.1	5	------	Cu.-N.	9	------	Cu.-N. E
10	ENE	ENE	ENE	NE	ENE	NE	141	133.8	128.2	80.5	483.5	3	------	Cu.-N.	7	------	Cu.-N. E
11	E	Calm	E	ENE	E	Calm	42.1	48.3	102	35.4	227.8	9	------	Cu.-N. E	8	------	Cu.-N. E
12	Calm	Calm	E	NE	ENE	NE	42.8	42.3	78.1	81.1	244.3	5	------	Cu.-N.	6	------	Cu.-N. E
13	ENE	NNE	Calm	E	Calm	NE	35.1	31.2	32.7	50.1	149.1	7	------	Cu.-N. E	10	------	Cu.-N.
14	Calm	Calm	Calm	ENE	S	ENE	18.8	27.7	85.8	46.4	178.7	9	------	Cu.-N. E	10	------	Cu.-N.
15	Calm	Calm	ENE	E	E	ESE	29.3	86.7	72.9	39.9	178.8	10	------	Cu.-N.	10	------	Cu.-N. E
16	ENE	Calm	Calm	Calm	ENE	Calm	24.3	14.8	72.1?	43.5	154.7	7	------	Cu.-N. E	7	Ci.	Cu.-N. E
17	Calm	Calm	Calm	Calm	Calm	Calm	26.9	16.1	17.1	13.7	73.8	10	------	S.-Cu.	9	------	Cu.-N.
18	Calm	Calm	E	E	E	Calm	------	26.4	99.2	49.6	------	8	------	Cu.-N. E	10	------	Cu.-N. E
19	E	E	Calm	E	Calm	ENE	43.5	43.5	55.5	73.2	215.7	10	------	Cu.-N.	7	Ci. SE	Cu.-N. E
20	ENE	ENE	ENE	Calm	ENE	ENE	160.9	125	67.6	83.4	436.9	7	------	Cu.-N. E	8	------	Cu.-N. E
21	ENE	Calm	NNW	Calm	ENE	Calm	61.2	24.9	21.5	21.4	129	10	------	Cu.-N. E	10	------	Cu.-N. E
22	Calm	S	Calm	E	Calm	Calm	19.5	18	42.6	18.2	98.3	5	Ci.	Cu.-N.	10	------	Cu.-N. E
23	E	Calm	Calm	NNW	Calm	Calm	26.9	13.7	53.1	21.5	115.2	10	------	Cu.-N. E	10	------	Cu.-N.
24	WSW	WSW	Calm	WSW	WSW	WSW	39.1	42	79.5	72.1	232.7	10	------	S.-Cu. NE	6	A.-Cu.	Cu.-N. W
25	WSW	WSW	WSW	WSW	Calm	Calm	59.5	62.8	59.8	21.9	204	9	------	S.-Cu. SW	7	Ci.	Cu. SW
26	WSW	Calm	ENE	WNW	W	Calm	23.1	27.1	49.9	18.8	118.9	2	------	Cu.-N.	7	Ci.-S.	Cu.-N.
27	Calm	SSW	Calm	Calm	WSW	W	28.7	31.4	32.2	42.4	134.7	8	------	Cu.-N. S	5	Ci.	Cu.-N.
28	Calm	Calm	NNW	NNW	Calm	N	35.7	67.8	100.9	88.7	293.1	10	------	Cu.-N. N	10	Ci.-S.	S.-Cu. N
29	N	N	NE	E	E	Calm	82.4	54.5	80.5	29.6	247	10	------	Cu.-N.	5	Ci. NW	Cu.-N. E
30	Calm	Calm	E	E	E	Calm	15.9	57.1	69.2	26	168.2	9	------	Cu.-N.	3	Ci.	Cu.-N.
31	E	E	E	E	ENE	ENE	50.5	------	------	------	------	6	Ci.	Cu.	4	Ci.	Cu. E
Mean	------	------	------	------	------	------	45.7	51.2	72.6	50.4	219.8	8	------	------	7.5	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.26	59.59	59.93	58.37	58.75	60.07	25.4	25.8	28	28.7	27	25.1	29.5	24.5	82	81	73	69	80	91	1.3
2	58.66	59.09	59.50	57.19	57.64	58.85	25	25	27.8	27.7	27.5	26.2	28.8	24.2	88	83	71	65	63	75	1
3	58.41	58.30	59.53	57.39	58.20	59.43	25	25.6	28.7	29	28	27	30	24.5	79	79	66	71	67	77	1
4	58.46	59.34	60.63	58.57	59.12	59.94	26	25.2	27.5	28.5	27.5	26.5	29.5	24.5	84	88	77	77	73	84	2.5
5	58.93	59.14	60.07	57.63	58.14	60.35	26.2	26	28.4	30.2	28	24.5	30.7	23.5	88	90	72	60	72	83	1.3
6	59.54	59.01	59.45	57.40	57.77	58.64	24.8	24	28	28.5	27.5	26.5	29	23.2	87	85	65	62	68	69	------
7	58.16	58.46	59.19	57.27	57.90	59.07	26	25.8	26.5	25.5	26.5	25	28.1	23.6	78	81	83	90	80	83	13.7
8	58.90	59.14	59.64	58.20	59.23	59.85	25.2	25	28.4	27.6	25.5	25.5	29.2	24.2	88	88	69	73	89	88	1
9	58.78	58.56	59.32	57.22	57.94	58.49	25.4	25	29.3	29.7	28	26.6	30.4	24.4	88	89	70	69	79	80	3
10	58.06	58.70	59.83	57.50	58.14	59.19	26	25.2	28.5	29	27.8	26.5	29.5	24.1	84	90	68	70	71	80	------
11	58.87	59.66	60.47	58.44	58.88	59.89	25.8	25	27.7	28.6	27	26	29	24	81	83	65	57	68	74	------
12	59.61	59.99	60.64	58.77	59.44	60.73	24.7	24.6	27.5	28.4	26.5	25.5	28.6	23.8	78	75	63	56	60	68	------
13	60.24	60.94	61.48	59.23	59.82	60.49	24.2	24	28.3	29.5	27.9	25.9	29.8	23.5	85	83	65	58	65	75	------
14	59.74	60.69	61.54	59.82	60.59	61.67	25.7	25.2	27.1	28.4	27.2	25	29	24.3	77	76	71	61	65	76	.3
15	60.91	61.64	62.45	60.08	61.65	62.35	25.4	25.2	27.7	29.4	27.6	25.5	29.9	24.4	82	82	67	55	69	71	.8
16	61.58	62.39	62.84	60.41	61.07	61.77	25	24.8	28.5	29	28	25.3	29.8	23.4	80	77	62	63	67	66	------
17	61.36	61.44	62.18	59.56	60.12	61.10	23.8	24.2	27.5	31.2	28	25.5	31.5	23.3	77	68	61	52	57	66	------
18	60.96	61.63	62.02	59.44	60.34	61.34	25.2	25.2	28.5	29	27.8	26.8	30	24.6	81	79	72	61	70	74	------
19	60.90	61.06	61.82	59.71	60.13	61.65	24.8	24.8	29.6	28.8	28	25.8	30.6	23.9	83	83	64	60	66	71	------
20	61.34	61.96	62.44	59.83	60.32	61.50	25.6	25	28	30	27.9	25.5	30.3	23.5	85	90	69	60	69	84	------
21	61.29	61.40	62.48	60.29	60.54	61.24	25	24	27.9	30.1	28.2	26.5	30.5	23.4	85	83	66	54	66	76	1
22	61.05	61.41	62.34	60.69	60.89	61.74	25.5	25.4	28.4	29.5	28	26	30.4	24.8	83	82	64	55	68	75	------
23	61.76	62.29	62.42	60.23	61.02	61.35	25	24.8	28.7	30	24.7	25	30.4	23.8	76	76	61	53	92	83	1.3
24	61.60	61.86	62.29	60.32	60.94	61.94	24.8	24.5	28.5	28	27.2	25.6	29.5	24	83	82	64	59	68	75	------
25	61.79	62.18	62.81	60.57	61.51	62.53	24.8	24.4	28.5	30.5	28.5	26	31	23.5	79	78	60	42	62	78	------
26	62.21	63.09	63.22	60.99	61.75	62.87	25	24.6	28	29.4	26	25	29.6	22.6	76	76	60	59	85	88	6.8
27	61.99	62.53	63.03	60.79	61.47	62.77	24.8	24.8	27.1	28.9	27	25.2	29.5	23.4	77	77	59	52	63	71	------
28	61.29	61.94	62.49	60.65	61.75	62.74	24.4	24.7	27.5	27.5	25.4	25.1	29	22.8	76	74	62	62	77	78	12.2
29	61.83	62.64	63.54	61	61.20	62.99	23.6	22.6	23.5	24	24.5	25	25.2	22	86	93	87	91	83	82	17.3
30	62.05	62.36	63.17	61.55	61.39	63.15	24.3	24	26.7	26.8	25.5	25.1	27	23.1	89	89	81	74	76	80	2.3
31	62.54	62.84	63.24	61	61.80	62.94	23.4	23.8	27.4	27	25.5	24.5	27.5	22.8	90	78	68	73	84	79	1
Mean	60.39	60.82	61.48	59.36	59.98	61.05	25	24.8	27.9	28.7	27.1	25.7	29.4	23.7	82.4	81.9	67.9	63.3	71.7	77.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	67.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NNE	54.4	105.4	123.9	72.1	355.8	5	Ci.	Cu. E	7	------------	Cu.-N. E
2	N	N	NE	NE	N	N	70.3	101.9	117.9	82.3	372.4	3	Ci.	Cu. ENE	6	Ci.	Cu.-N. NE
3	N	NNE	NE	NE	NE	N	60.1	90.3	102.2	62.8	315.4	7	------------	S.-Cu. ENE	4	Ci.	Cu. ENE
4	NNE	NNE	NE	NE	NE	NNE	57.9	94.5	126.3	92.5	371.2	7	------------	S.-Cu. E	7	Ci.-S.	Cu. NE
5	N	N	NE	NE	NNE	N	77.1	113.8	105.9	106.1	402.9	3	Ci.	S.-Cu. ENE	5	Ci.	Cu. NE
6	Calm	NNE	NE	NE	NNE	NNE	33.5	111.2	136.3	57.6	338.6	4	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
7	N	NE	NNE	NE	N	N	68.2	101.6	109.1	53.4	332.3	8	Ci.-S.	S.-Cu. NE	9	------------	Cu.-N. NE
8	N	N	NE	NE	NNE	N	68	92.3	95.3	64.2	319.8	5	Ci.	Cu. NE	8	------------	Cu.-N. NE
9	N	NNE	NE	NE	NE	N	39	64.4	114.9	63.6	281.9	7	Ci.-S.	S.-Cu. ENE	5	Ci.-S.	Cu. ENE
10	N	N	NE	NE	NNE	N	90.4	100.7	107.2	56.5	354.8	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
11	N	N	NE	NE	NNE	N	56.1	103.8	97.2	56.7	313.8	3	Ci.	Cu. E	3	Ci.	Cu. E
12	NE	NNE	NE	NE	N	N	84	104.6	90.1	68.2	346.9	3	Ci.-S.	Cu. E	4	Ci.	Cu. E
13	N	N	NE	NE	NE	N	65	74.3	78.8	59.9	278	4	Ci.-S.	Cu. E	3	Ci.	Cu. E
14	N	N	NE	NE	N	N	57.9	81.8	66.7	39.9	246.3	2	Ci.	Cu. E	3	Ci.	Cu. ENE
15	Calm	Calm	NE	NE	NE	NNE	41.8	64.4	71	63.5	240.7	6	Ci.	S.-Cu. ENE	3	Ci.-S.	Cu. ENE
16	N	NNE	NE	NE	Calm	N	58.9	70.6	67.6	44.8	241.9	2	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
17	Calm	NNE	NE	S	NNE	N	24.4	61	71.5	42.8	199.7	2	Ci.	Cu. E	3	Ci.	Cu. ENE
18	N	Calm	Calm	NE	NE	N	50.3	23.9	84.5	45.9	204.6	6	Ci.-S.	S.-Cu. E	3	Ci.	Cu. ENE
19	NNE	Calm	S	NE	ENE	N	53.9	31.1	90.9	58.7	234.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
20	N	Calm	NE	NE	ENE	N	55.2	55.4	102	50.1	262.7	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
21	NNE	N	NE	ENE	NE	N	51	55.5	90.9	59.7	257.1	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
22	N	N	NE	NE	NE	N	50.3	62	101.6	67.4	281.3	7	------------	S.-Cu. ENE	3	Ci.	Cu. ENE
23	N	NNE	NE	NE	NE	NNE	68.4	117.7	131	59.5	376.6	2	Ci.	Cu. ENE	5	Ci.	Cu. ENE
24	N	N	NE	N	N	N	72.2	89.6	119.5	74.5	355.8	3	Ci.	Cu. ENE	5	Ci.	Cu.-N. ENE
25	N	NNE	NE	NE	NE	N	76	125.2	156.1	82.1	439.4	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
26	N	N	NE	NE	N	N	84.7	140	156.8	76	457.5	3	Ci.	Cu. ENE	6	Ci.	Cu.-N. ENE
27	N	N	NNE	NE	N	N	79.5	210.1	202.8	119.7	612.1	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
28	N	N	NNE	NE	N	N	118.1	202	183.3	140.5	643.9	6	------------	S.-Cu. ENE	9	------------	Cu.-N. ENE
29	NE	N	NE	NE	NNE	NNE	110.2	97.7	150.2	122.3	480.4	10	------------	N. ENE	9	------------	N. ENE
30	NNE	NNE	NE	NE	N	N	80.5	91.4	144.3	102.2	418.4	6	------------	S.-Cu. ENE	8	A.-Cu.	Cu.-N. NE
31	NE	N	NNE	NE	N	N	90.9	128.7	160.1	99.2	478.9	3	Ci.	Cu. ENE	7	A.-Cu.	Cu.-N. ENE
Mean	------	------	------	------	------	------	66.1	95.7	114.7	72.4	348.9	4.3	------------	------------	4.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,815.7	----	------------	------------	----	------------	------------

CEBU.[a]

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.74	62.45	63.42	61.34	62.29	62.74	24	24	25	26.4	24	24	26.9	22.4	77	75	79	74	90	75	7.9
2	61.20	61.76	62.33	60.17	60.59	61.80	24	24.5	27.5	28	26.4	24.5	29	23.5	81	79	62	67	70	87	6.1
3	60.40	60.46	61.55	59.40	60.19	61.15	23.5	23.5	24	23.8	24.5	24.2	25.6	23	90	90	96	93	92	91	26.1
4	59.94	60.14	61.16	58.69	59.07	59.88	24	23.8	24.7	27.5	25.6	24.5	27.8	22.8	87	89	92	72	82	84	1.3
5	60.21	60.33	61.35	59.31	59.69	60.95	24	23.2	28	29.4	27.1	25.2	30	22.7	86	90	70	61	80	82	------
6	60.23	60.89	61.33	59.57	60.63	61.67	25	24.8	27.8	29.5	25.4	25.8	29.8	23.7	83	83	67	64	93	78	.8
7	61.25	61.39	61.63	59.53	59.82	61	25.2	24.8	28	29.8	27.5	25	30	24	82	81	65	56	66	76	------
8	60.90	60.51	61.30	59.64	59.94	61.14	24.8	24	27	27.4	27	25.6	28.2	23.1	80	85	66	70	73	82	------
9	60.58	60.74	62.15	59.57	60.12	60.93	25.4	25	27.4	28.9	28	26.1	29.2	22.6	80	76	60	55	60	71	.5
10	60.48	60.76	62.08	60.19	60.49	61.34	25.4	24.9	28	29	27.6	25	30	24	74	84	70	54	62	76	.5
11	60.99	61.41	62.49	60.51	60.82	61.69	23.8	23.2	28	28.7	27.7	25	29.6	22.5	87	90	63	52	62	76	------
12	61.12	61.97	62.77	60.21	60.65	61.94	25.1	25.4	27.5	28.5	27	25.8	30	23.7	78	79	66	60	72	75	------
13	61.19	61.43	62.55	60.60	60.37	62.40	25.4	25	26.4	25.6	25	24.5	27.8	23.2	78	83	77	91	80	78	4.6
14	61.83	62.69	63.58	62.03	62.54	63.98	25	24.6	27	27.6	27	25.6	28.6	23.3	86	90	77	68	70	79	------
15	63.23	62.96	63.73	61.82	62.13	63.90	24.9	25	26.9	29.2	27.4	25.5	29.5	24	83	80	70	57	66	71	------
16	63.06	63.46	64.55	61.73	61.89	62.74	24.9	24.2	27.4	29	26.8	25	29.5	22.7	79	82	60	58	71	77	------
17	61.43	61.74	62.62	60.39	60.75	61.85	24.5	24.8	27.2	28.3	27.4	25.3	28.8	24	84	81	65	62	62	74	------
18	61.04	60.93	61.69	59.53	59.48	60.52	24.1	24	27.4	28.7	27.1	25	29.1	23.4	74	75	57	49	65	76	------
19	59.24	59.43	60.84	58.44	59.52	60.22	24.4	25	27.5	28.7	25.5	25.2	29.8	23.6	72	72	63	59	83	82	1
20	58.99	58.86	59.65	57.47	58.29	59.69	24.8	25.2	26.3	28	27.7	26.5	30	24.5	91	85	82	69	72	69	------
21	58.85	59.09	59.65	57.53	59.07	59.97	25.7	25.5	28.5	29	24.7	24.5	30.5	24	81	86	70	65	82	87	------
22	59.23	59.11	59.59	57.59	58.24	59.27	25.1	25	27.8	28.4	27.7	25.1	29.1	23.9	84	83	74	68	67	79	.5
23	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
24	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
25	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
26	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
27	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.82	61.02	61.91	59.78	60.30	61.40	24.7	24.5	27.1	28.2	26.6	25.1	29	23.4	81.7	82.6	70.5	64.7	73.6	78.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[b]49.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNE	NE	NE	NNE	N	92.8	153.7	190.2	132	568.7	3	------	S.-Cu.ENE	8	------	Cu.-N.ENE
2	NNE	NNE	NE	NNE	N	NNE	162.8	184.2	171.2	110	628.2	3	Ci.	Cu. ENE	8	------	Cu.-N.ENE
3	NNE	NNE	NNE	NNE	N	N	101.6	136.8	128.4	108.9	475.7	10	------	N. NE	10	------	N. N
4	NE	NNE	E	NE	NNE	NNE	57.3	77.2	145.9	86.4	366.8	7	------	Cu.-N. NE	6	Ci.	Cu.-N. NE
5	N	Calm	NE	NE	NNE	NNE	56.3	87.5	110.2	69.8	323.8	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
6	N	NNE	NE	NE	ENE	N	67.6	76.1	131	80.5	355.2	6	------	S.-Cu.ENE	4	Ci.	Cu. ENE
7	N	NNE	N	NE	NE	N	73.5	101.9	118.8	82.4	376.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
8	N	N	NE	E	NE	N	74.5	91.1	108	62.8	336.4	3	Ci.	Cu. ENE	8	------	Cu.-N.ENE
9	Calm	N	NE	NE	NNE	N	55.5	107.8	116.7	67	347	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
10	NE	NNE	NE	NE	NE	N	60.7	73.5	95	55.5	284.7	5	Ci.	Cu.-N. ENE	2	Ci.	Cu. ENE
11	N	N	NE	NE	NE	N	30.1	68.6	96.6	68.9	264.2	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
12	N	NNE	NE	NE	NE	NNE	61.9	94.6	113.3	90.3	360.1	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
13	N	NNE	NE	NNE	N	NNE	59	82.8	120.9	111.8	374.5	7	------	Cu.-N. ENE	8	------	Cu.-N.ENE
14	W	Calm	NE	NE	NNE	N	62	80.5	134.9	74.5	351.9	9	------	Cu.-N. NE	6	A.-Cu.	Cu. NE
15	N	NE	NE	NE	NNE	NNE	77.9	127.1	107	78.3	390.3	6	------	S.-Cu.ENE	3	Ci.	Cu. ENE
16	N	NNE	NE	NE	NE	NE	69	125.9	163.9	71.8	430.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
17	N	NNE	NE	NE	NE	N	68.2	174.3	137.1	85	464.6	4	Ci.	Cu. NNE	4	Ci.-S.	Cu. NE
18	N	NE	NE	NE	NNE	N	87.2	138.6	150	80.9	456.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19	N	NE	NE	NE	NE	NNE	67.9	122.8	157.2	62.5	410.4	3	------	S.-Cu. NE	8	------	Cu.-N.NE
20	NNE	N	NE	NE	NE	N	92.8	79.4	60	74.8	307	7	------	Cu.-N. ENE	7	Ci.-S.	Cu.-N.ENE
21	N	NE	NE	NE	NE	N	74.1	106.2	166	121.2	467.5	3	Ci.	Cu. ENE	4	Ci.-S.	Cu.-N.ENE
22	NNE	Calm	NNE	NE	NE	N	47.9	86.9	134.4	96.9	366.1	4	------	Cu.-N. ENE	3	Ci.	Cu. E
23	------	------	------	------	------	------	53.8	97.6	143.4	90.7	385.5	------	------	------	------	------	------
24	------	------	------	------	------	------	59.9	109.1	------	------	------	------	------	------	------	------	------
25	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
26	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
27	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Mean	------	------	------	------	------	------	71.4	107.7	130.4	85.3	395.3	4.5	------	------	5	------	------

[a] This station was temporarily closed from February 23 to March 3.

[b] 22 days of observation.

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
2	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
3	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
4	59.04	59.49	60.42	58.03	58.34	59.85	25.8	24.5	28	29.1	27.6	25.6	30.5	24.3	76	79	64	62	70	79	------
5	59.02	59.43	60.27	57.99	58.42	59.32	24.8	24.5	27.7	29.1	28	26.5	29.6	24	79	80	62	55	64	73	------
6	58.49	58.82	59.77	57.66	58.12	59.99	25.1	23.6	28	29.6	29	26.6	30.6	23.3	80	84	68	55	64	73	------
7	58.80	58.90	59.79	57.84	58.19	59.01	25.8	25.6	29.2	27.5	25.2	25	29.6	24.1	79	82	63	71	86	83	0.3
8	57.61	57.81	58.88	56.48	57.94	58.59	24	23.6	28	29	24.4	25.3	31	23	81	84	68	65	93	86	2.1
9	57.37	57.67	58.47	56.51	56.98	57.75	24.9	24.1	28.6	30.2	28	26	30.2	23.1	86	86	70	66	68	80	------
10	57.34	58	59.40	57.76	58.12	59.47	25.1	24.6	28	30.1	28.1	25.6	30.5	24	78	76	70	62	70	73	------
11	58.73	58.99	59.69	57.76	58.03	59.39	24.9	24.7	29	29.1	28.5	26.6	30	23.7	74	75	64	62	65	71	------
12	58.84	59.08	59.86	57.28	57.42	59.12	25.7	25	29.1	31	29	27	31.1	24.7	82	88	64	56	68	77	------
13	57.96	58.75	59.34	57.21	57.81	59.26	26.2	25.7	29.3	30.5	29	27.5	30.8	25.3	82	84	70	66	74	81	------
14	58.19	59.34	60.04	57.74	58.44	60.10	26.7	26.2	29.5	30.1	29	26	31.1	25.7	82	86	68	68	71	88	------
15	58.99	59.57	60.16	58.16	58.39	59.71	26.2	25.4	28.5	29.2	28.7	27.6	30.1	25.1	84	84	67	66	66	66	------
16	58.84	59.25	59.89	57.99	58.22	60.02	25.9	25.1	29	30	28.6	27.7	30.7	24.7	77	78	55	53	61	73	------
17	58.95	59.49	60.41	58.06	58.12	59.63	25.5	24.7	28	30	28.5	27	30.5	24	80	86	69	59	68	74	------
18	58.83	59.19	60.26	58.58	58.29	59.48	25.4	25.2	28.7	30	28.7	27.5	30.9	24.6	77	75	58	48	58	64	------
19	58.24	58.50	59.69	58.01	58.36	59.78	25.8	24.3	27.1	29.2	28.5	27.6	30	24.2	75	93	76	60	62	66	------
20	58.74	59.17	60.91	58.67	58.47	60.18	26.5	24.5	28.1	29.2	28.1	27	30	24.3	74	87	66	60	65	77	------
21	58.97	59.18	59.97	57.77	57.63	58.74	24.9	24.3	27.8	29.2	28	26	29.9	23.7	77	77	55	54	63	69	------
22	57.89	58.34	59.64	57.21	57.44	58.54	25.8	25.5	29	30	28.2	26.4	31	25	78	80	64	62	70	78	------
23	57.54	57.87	59.12	57.39	57.49	59.42	25.2	25	28.1	29.2	28.5	26.6	29.8	24.5	83	81	68	64	67	76	.3
24	58.98	59.36	60.88	59.26	59.08	60.62	25.6	25.9	29.8	30	29	25.5	31	25	70	81	48	47	52	66	------
25	59.85	60.12	61.18	59.64	58.99	60.68	24.8	24.6	28.7	28	28	27.2	29.5	24.3	70	75	66	70	68	75	------
26	59.67	59.93	61.22	59.34	59.34	60.89	25.7	25.1	28	29.4	28.2	27.1	30	24.6	73	79	63	53	58	63	------
27	60.11	60.40	61.52	59.42	59.64	61.27	25.2	26	25.6	27.2	26.6	25.5	29	23	64	66	76	70	72	78	1
28	60.14	60.39	61.74	59.47	59.56	61.07	24.7	24.2	26.6	29.5	28.5	27.1	30	23.8	78	74	77	61	65	70	------
29	59.74	60.38	61.39	59.07	59.21	61.03	26.9	25	28.4	29.2	28.5	26.5	30	24.6	77	80	62	52	64	70	------
30	59.62	60.38	61.53	59.58	59.84	61.02	25.8	24.2	28.5	29.5	28.2	27.5	30.6	24.1	75	78	52	55	58	67	------
31	59.60	59.97	61.21	59.05	59.19	60.67	25.5	25	28	29.8	28.5	26.6	30.2	24.5	71	77	63	54	64	72	------
Mean	58.79	59.21	60.24	58.18	58.40	59.81	25.5	24.9	28.3	29.4	28.1	26.6	30.3	24.3	77.2	80.5	64.9	59.9	66.9	73.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[a] 3.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	------	------	------	------	------	------	------	------	------	------	------	----	------	------	----	------	------
2	------	------	------	------	------	------	------	------	------	------	------	----	------	------	----	------	------
3	------	------	------	------	------	------	------	------	116.7	113.5	------	----	------	------	----	------	------
4	N	N	NW	NW	NNE	NNW	65.5	104.1	132.2	62.2	364	2	Ci.	Cu.-N. ENE	4	Ci.-S.	Cu.-N. ENE
5	NNE	Calm	NNE	NNE	NNE	NNE	41.2	90.7	126.3	57.6	315.8	4	Ci.	Cu.-N. E	9	A.-Cu.	Cu.-N.
6	NNE	NNE	NE	NNE	NE	NNE	61.5	100.4	100.1	71.1	333.1	0	Ci.	S.-Cu.	1	Ci.-S.	Cu.
7	N	Calm	NNE	NE	Calm	Calm	48.1	50.9	116.4	18.3	233.7	9	Ci.	Cu.-N.	9	A.-Cu.	Cu.-N.
8	NNE	NNE	NE	NE	ESE	NNE	47.8	67	163.9	30.8	309.5	1	Ci.	Cu.	3	Ci.-S.	Cu.
9	NNE	Calm	NE	ENE	NNE	NNE	33.6	72.9	124.9	72.9	304.3	2	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. E
10	NNE	NNE	NNE	NE	NE	NNE	47.5	68.4	-----	88.5	------	4	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
11	N	NNW	NNE	NE	NE	N	53	106.5	117.2	75.5	352.2	1	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
12	NNE	NNW	NNE	NE	NE	Calm	62.4	69.8	112.7	36.7	281.6	0	Ci.	Cu.	1	Ci.	Cu.
13	NE	Calm	NE	NE	NE	Calm	24.6	59.4	72.9	34.8	191.7	5	Ci.	Cu.-N. EbyN	5	A.-Cu.	Cu.-N.
14	Calm	Calm	NNE	NE	NNE	NE	17.1	66.8	129.5	94.5	307.9	8	A.-Cu.	Cu.-N. SE	3	Ci.-S.	Cu.-N.
15	NNE	NNE	NNE	NE	NNE	NE	61.9	132.7	172.2	157.1	523.9	2	Ci.	Cu.-N.	1	Ci.	Cu.
16	NNE	N	NNE	NE	NNE	NNE	85.6	133.9	151.3	133.9	504.7	0	Ci.	Cu.-N.	0	Ci.	Cu.
17	E	NNE	NNE	NNE	NE	NNE	116.2	91.6	111.8	64.8	384.4	8	Ci.	Cu.-N.	4	Ci.-S.	Cu.
18	NNE	NNE	NE	NE	NNE	NNE	59.2	113	127.1	91.7	391	2	Ci.	S.-Cu.	0	A.-Cu.	Cu.
19	NNE	NNE	NNE	NE	NE	NE	79.9	118.1	168.1	168.9	535	10	------------	N.	1	Ci.	Cu.
20	NNE	NNE	NE	NE	NNE	NNE	97.1	104.9	138.7	84.2	424.9	2	Ci.	Cu.-N.	4	Ci.-S.	Cu.
21	NNE	N	NE	NE	NE	N	61.2	119.1	114.8	62.2	357.3	1	Ci.	Cu.	2	Ci.-S.	Cu.
22	N	Calm	SSW	NW	NE	N	46.6	33.4	102.2	114.3	296.5	9	------------	S.-Cu. ESE	2	Ci.	Cu.
23	NNE	N	NNE	NE	NNE	NE	66.5	104.9	128.1	73.9	373.4	0	Ci.	Cu.-N.	3	A.-Cu.	Cu. ENE
24	NNE	ESE	E	NE	NE	NNE	53.5	109.9	103.3	72.9	339.6	1	Ci.	Cu.-N.	0	Ci.	Cu.
25	NNE	N	NE	NNE	NNE	NE	74.8	115.9	133.1	96.2	420	1	A.-Cu.	S.-Cu.	9	------------	N.
26	NNE	NNE	NE	NE	NE	NE	74.5	121.2	162.5	149.2	507.4	4	Ci.	Cu.-N. ENE	0	Ci.	Cu.
27	NNE	NE	NNE	NE	NNE	N	84.2	115.9	115.1	82.3	397.5	10	------------	Cu.-N. ENE	9	A.-Cu.	Cu.-N. ENE
28	NNE	NNE	ENE	NNE	NE	NNE	67.3	83.1	108.4	73.3	332.1	4	Ci.	S.-Cu.	1	Ci.-S.	Cu.
29	NNE	Calm	NNE	NE	NE	NNE	67.8	134.7	164.7	99.2	466.4	0	Ci.	Cu.	0	Ci.	Cu.
30	NNE	N	NE	NE	NNE	NNE	62.4	123.1	119.1	131.7	436.3	0	Ci.	Cu.	1	Ci.	Cu.
31	N	NNE	NE	NE	ENE	ENE	85.3	126.7	132.5	125.2	469.7	1	Ci.	Cu.-N.	4	A.-Cu.	Cu. NE
Mean	------	------	------	------	------	------	62.4	97.8	127.4	87.5	376.1	3.2	------------	------------	3.1	------------	------------

[a] 28 days of observation.

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.87	60.64	58.33	59.07	60.14	26	25	28.9	29.6	28.1	26.4	30.6	24.6	77	80	62	61	66	71	------
2	59.07	59.54	60.09	57.33	57.76	59.23	25.4	24.5	29.5	29.5	29	26.9	30.1	24.3	75	78	61	58	58	70	------
3	58.70	59.04	59.86	57.68	58.03	59.54	26.4	25.9	28.9	30.2	28.2	26	30.5	25.5	79	78	62	50	62	69	------
4	58.99	59.51	60.48	58.79	59.12	60.90	25.2	24.6	28.5	28.2	27.5	26	29.5	24.4	76	79	61	72	64	72	------
5	59.33	59.59	60.31	58.08	58.58	60.44	24.7	24.5	29.6	29.5	28	26	30.6	24	78	75	55	53	61	72	------
6	58.99	59.25	60.06	57.67	58.02	59.03	25.4	24.7	28.1	29.5	28	26.4	30	24.5	80	83	68	58	74	81	0.3
7	58.11	58.59	59.26	57.57	58.29	59.94	25.5	25.1	28.7	29	28.5	27.5	30	24.6	85	83	64	68	67	70	------
8	58.36	58.78	60.06	58.17	58.61	60.24	26.5	25.1	28.5	29	28	26.2	29.8	24.9	77	87	62	62	66	66	------
9	58.92	59.16	60.13	58.09	58.56	60.02	25.5	25	28.1	29.8	28.1	27.2	31.1	24	75	80	73	60	71	77	------
10	58.54	59.24	59.86	58.27	57.52	59.43	26	25.6	28.1	28.5	28.6	26.1	29	25.5	78	76	67	64	63	69	------
11	58.28	58.64	58.98	56.97	57.98	59.01	25.9	25.6	30	31	28.4	27.7	31.4	25	72	72	65	62	75	76	------
12	58.01	58.49	59.59	57.68	58.39	60.14	26.1	25.1	27.6	29.3	28	26	31.1	24.7	82	83	81	73	74	82	2.3
13	59.27	59.74	60.59	58.22	59.18	60.69	26	25.6	28.1	27.5	27	27.5	29	25	83	88	77	83	85	79	2.1
14	59.64	59.97	61.01	58.31	59.62	60.59	26.4	25.4	28.1	30.6	28.6	26.6	31.5	25	82	87	77	68	78	84	1.5
15	58.84	59.29	60.04	57.79	58.85	60.08	26.3	25.6	29.8	27.5	27	26.6	31.1	25.5	85	88	66	77	82	83	2.8
16	58.34	58.92	59.59	56.69	57.82	60.01	26.6	26.5	29.7	29.9	29	27.5	31.5	25.6	85	88	70	65	71	76	.8
17	59.02	59.57	60.36	57.49	58.26	60.14	27	26.1	28.5	29.5	29.2	27.2	30.2	25.6	80	86	76	61	63	75	------
18	59.18	59.52	60.92	58.50	59.06	60.69	26.2	26.5	30.4	30	29	27.2	31.3	26	81	82	63	61	68	75	.5
19	59.14	59.30	59.86	57.97	58.62	60.37	26	25	29.5	30.3	29	27.3	31.2	24.6	80	85	62	57	67	75	------
20	59.47	59.70	60.58	58.37	58.54	60.32	26.8	26	29.1	30.3	28	27.2	31	25.5	77	80	66	60	74	77	------
21	59.17	59.55	60.91	58.21	58.47	59.68	26.3	26	28.4	29	28	27.1	29.8	25.7	83	84	74	64	70	78	------
22	59	59.24	60.34	58.27	58.38	59.62	25.8	25.2	28.8	30	29	27.6	31	24.8	86	90	65	65	64	69	------
23	58.52	58.68	59.44	57.29	56.97	58.24	26.4	26	28.9	30	28.5	28	30.7	25.5	79	84	64	64	70	72	.5
24	57.14	57.49	58.60	56.28	56.46	58.09	27	25.8	29.5	30	29	28	31	25.6	77	80	58	56	64	72	------
25	57.64	57.96	58.29	56.46	57.16	57.89	26.6	25.7	29.4	30.1	29.2	27.7	31	25.5	80	81	62	58	70	81	.8
26	57.26	58.09	59.23	56.99	57.64	58.24	26.8	25.4	29	29.5	28.2	27.6	30.1	24.9	78	82	67	64	69	73	------
27	57.04	57.81	58.86	57.09	57.52	58.23	26.9	25.8	29.6	29.5	27.5	26.2	31	25.5	74	79	63	68	81	82	1.8
28	57.06	57.44	58.29	56.17	57.22	58.44	26	25.8	28.9	30.5	28.6	27.5	31.4	25.3	80	84	69	62	70	74	.3
29	57.49	57.91	58.23	55.88	56.57	57.92	26.3	26	29.5	31	29.5	28.8	31.5	25.5	80	82	66	59	63	64	------
30	57.11	57.84	58.27	55.82	56.41	57.69	26.4	25.8	30	31.4	29	27.3	32.1	25.3	79	79	59	54	64	73	------
Mean	58.50	58.92	59.76	57.55	58.09	59.50	26.1	25.5	29	29.7	28.4	27	30.7	25.1	79.4	82.1	66.2	62.9	69.1	74.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	13.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NE	NE	NE	NNE	77.1	136	157	84.9	455	1	Ci.	S.-Cu.	3	Ci.-S.	Cu.
2	NNE	NNE	NE	NE	NE	NNE	59.9	94.1	156.1	78.1	388.2	1	Ci.	Cu.	1	Ci.-S.	Cu.
3	E	Calm	NE	NE	NE	N	52.3	86.9	123.9	83.3	346.4	7	Ci.-S.	Cu.-N.	2	Ci.	Cu.
4	NNE	N	NE	NE	NNE	Calm	55.5	120	144.3	52.8	372.6	2	Ci.	Cu.-N.	6	Ci -S.	Cu.-N.
5	NNE	NNW	E	NE	NNE	N	50.7	66.3	116.8	88.3	322.1	6	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
6	E	Calm	NE	NE	NE	N	41.5	70.3	115.5	91.4	318.7	3	Ci.	Cu.	7	A.-Cu.	Cu. ENE
7	N	N	NNE	NE	NNE	NE	59.2	69.9	133.7	75.5	338.3	1	Ci.-S.	Cu.	5	A.-Cu.	Cu.
8	Calm	Calm	NE	NNE	NE	N	33.4	85.7	125	60.7	304.8	8	Ci.	Cu.-N. ENE	3	Ci.-S.	Cu.-N.
9	N	NNW	S	S	NE	NNE	48	51.9	87.4	106.5	293.8	0	Ci.	Cu.	5	A.-Cu.	Cu.
10	E	NNE	NE	NE	NE	NNE	35.8	108.6	108.1	59.9	312.4	8	Ci.	N. ENE	9	Ci.-S.	N. ENE
11	NNE	N	ENE	NE	N	Calm	32.2	111.6	109.1	22.8	275.7	7	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N.
12	S	N	SSW	NE	NE	NE	30.1	49.4	84.2	65.7	229.4	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
13	N	NNE	NE	SE	NNE	NE	31.9	75.9	90.4	47.8	246	9	Ci.-S.	Cu.-N.	9	------	N.
14	NE	N	NNE	NE	E	N	47.7	64.8	64.1	37.8	214.4	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.ENE
15	Calm	N	SE	NW	N	N	24.4	44.5	55.8	45.1	169.8	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
16	N	Calm	S	NE	NNE	Calm	32	41.5	115.1	41.5	230.1	7	------	Cu.-N. E	4	Ci.	Cu.
17	S	N	NE	NE	NE	N	55.4	92.7	103	42.4	293.5	9	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
18	N	NNE	E	NNE	NNE	N	49.7	78.5	133.3	67.9	329.4	5	Ci.	Cu. E	6	Ci.	Cu. E
19	N	Calm	NE	NE	NE	NNE	37.8	90.9	118.3	84.2	331.2	4	Ci.	Cu. E	3	Ci.	Cu. E
20	N	N	NE	NE	NNE	NE	60.4	79.7	151.6	86.9	378.6	3	Ci.	Cu.	5	------	Cu. E
21	N	N	NE	NE	NNE	N	61.7	126.7	139.4	62.7	390.5	4	Ci.	Cu. E	3	Ci.	Cu. E
22	N	N	NE	NE	NE	NNE	52.6	97.1	132	99.6	381.3	3	Ci.	Cu.	3	Ci.	Cu. E
23	N	N	NE	NE	NE	NE	66.5	121.2	168.3	155.7	511.7	6	Ci.	Cu.-N. E	5	Ci.	Cu. E
24	NE	NNE	NE	NE	NE	NE	121.3	104.7	145	151	522	2	Ci.	Cu. E	3	Ci.	Cu. E
25	NE	N	NE	NE	NE	ENE	78.3	105.6	125.5	106.9	416.3	3	Ci.	Cu.-N. E	4	Ci.	Cu. E
26	NNE	N	NE	NNE	NE	N	64.9	105.1	122.7	85.7	378.4	3	Ci.	Cu. E	8	Ci.-S.	Cu. E
27	NE	N	NE	NE	NE	N	84.7	114.3	132	105.2	436.2	4	Ci.	Cu.-N. E	6	Ci.-S.	Cu. E
28	NNE	N	NE	NE	N	N	73.4	116.7	111	88.1	389.2	3	Ci.	Cu. E	6	A.-Cu.	Cu. E
29	N	N	N	NE	NE	NE	57.5	106.2	150.8	105.7	420.2	3	------	Cu. E	3	Ci.	Cu. E
30	N	N	NE	NE	NE	N	55.2	82.6	130.4	58.7	326.9	4	Ci.-S.	Cu. E	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	54.4	90	121.7	78.1	344.1	4.4	------	------	5.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,323.1	------	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.77	57.09	57.79	56.05	56.33	58.19	26.2	25.7	31	30.5	30	27.6	32	25.5	89	90	59	59	53	64	------
2	57.54	57.27	57.72	55.81	56.58	58.47	26.5	26	29.8	30.5	30	28.3	32	25.5	71	79	63	59	61	72	------
3	57.23	57.54	58.79	57.08	57.74	58.89	27	26.1	27.5	28	25.7	25.6	28.9	25.2	75	80	84	74	86	88	4.6
4	57.10	57.40	57.75	55.56	55.84	57.14	26	25.3	29	30.8	27.5	26.9	31	25	87	84	71	63	80	79	3.1
5	55.31	54.90	55.27	53.18	53.44	55.27	25.9	26.8	28	27.8	26.5	26.4	28.6	25.5	81	74	69	69	73	85	4.5
6	53.88	54.21	56.64	55.49	56.84	58.50	27.5	27	28	24.5	27	25.8	28.1	23.9	79	80	74	89	79	85	3.3
7	57.11	57.94	58.88	56.93	57.49	59.36	25.6	25.2	29.9	30.5	28	27.2	31.9	24.5	85	84	62	64	81	84	------
8	58.09	58.56	58.42	56.56	57.14	59.12	26.4	25.8	29	30	29	27.5	30.5	25	84	87	74	68	71	77	------
9	58.26	57.74	58.72	56.45	57.17	58.84	26.6	26.2	28.6	30.5	29.6	28.5	31	25.9	83	84	77	66	61	74	------
10	57.81	58.36	59	57.03	57.57	59.39	26.9	26.6	28.5	30.4	29.2	28.7	31.7	26	79	78	77	69	72	75	------
11	58.31	59.28	59.81	57.37	58.47	60.29	28.2	27.4	30	30.8	30	28.4	31.7	27	80	80	70	68	71	80	------
12	59.37	60.28	60.32	58.13	58.76	60.24	27.8	27	30	30.8	30	28.2	32.1	26.8	81	84	71	70	65	74	------
13	58.99	59.37	60	57.41	57.71	59.10	27.1	26.8	31	31.2	30	29.2	32.6	26.5	79	78	58	61	65	70	------
14	58.14	58.98	58.81	56.62	57.36	59.07	27.6	27	30.4	30.5	30	28	32	26.8	79	82	65	68	65	73	------
15	58.25	58.77	59.66	57.35	57.98	60.02	27.7	27	29.5	33	29.6	29.2	33.3	26.7	83	86	71	61	69	70	4.6
16	58.89	59.69	60.02	57.60	58.63	60.49	28.6	26.5	29	32	30	28	33.5	26	73	86	74	53	69	76	------
17	59.63	60.34	60.97	58.82	58.80	60.29	27.4	26.5	29.6	30.7	30	28.1	32.1	26.1	77	83	67	60	60	71	------
18	59.32	59.92	60.60	58.32	58.42	60.17	27.6	26.7	30.5	31.3	30.5	29	32.5	26.5	73	77	65	56	59	68	26.4
19	58.66	59.57	60.29	58.33	58.57	59.93	28.2	25.7	29.1	29	28.5	27	31.4	24.5	70	86	69	71	74	80	1.3
20	58.82	59.37	60.11	57.97	57.72	59.32	27	26.4	30	31.3	29	27.6	31.9	25.7	80	85	62	52	68	76	4.8
21	58.40	58.97	59.09	57.18	57.59	59.23	27.2	26	29.5	30.5	29.5	27.4	31	25.8	79	90	66	65	68	78	------
22	58.14	58.47	58.82	56.98	57.24	58.74	26.5	25.8	30	31	29.4	28.2	31.9	25.5	83	85	62	56	68	74	------
23	57.99	57.82	57.76	56.22	56.95	57.93	26.6	26	29.5	30.7	30	27.2	31.5	25.7	84	86	61	58	65	80	2.3
24	56.89	57.26	58.29	56.39	57.09	58.97	26.8	26.2	28.8	28.5	28.5	26	30	25.5	81	84	68	78	74	84	13.7
25	58.60	58.99	59.74	58.35	58.54	59.47	25.9	26.2	28.5	29	28.2	27	29.9	25	86	86	74	71	76	83	.5
26	59.12	59.40	59.99	58.11	58.83	59.76	26.1	27	28.9	30.2	29.5	28	31	25.8	86	80	68	66	68	83	6.1
27	59.24	59.64	60.01	57.57	57.54	59.07	27	26.8	29.5	30.7	29.5	27.2	31.1	26	84	86	73	61	68	82	------
28	58.38	58.69	59.17	56.97	57.23	58.52	26.8	26.6	30.5	30.9	29.5	28.4	31.5	26.1	80	84	64	62	70	78	------
29	57.90	58.64	59.05	57.08	57.62	59.03	27	26.6	30.5	30.8	29.6	28.4	31.1	26	78	81	62	60	67	70	------
30	58.54	58.94	59.28	57.76	57.69	59.55	27	26.4	30	30.4	29.5	28.3	31.5	25.9	78	81	60	60	71	75	------
31	58.18	58.69	59.33	57.58	58.23	58.74	27.4	26.5	30.3	30.2	27.5	26.7	31.8	25	78	80	60	64	73	79	8.4
Mean	58.03	58.45	59.04	57.04	57.52	59.07	27	26.4	29.5	30.2	29.1	27.7	31.3	25.7	80.2	82.9	67.7	64.5	69.4	77	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	83.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NE	E	NE	NNE	N	47.2	78.8	131.9	80.4	338.3	3	Ci.	Cu. ENE	4	Ci.	Cu. NE
2	N	N	S	NE	NE	N	66	60.4	113.3	72	311.7	3	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
3	N	N	E	NE	NNE	Calm	36.6	53.9	83.7	45.1	219.3	7	------	Cu.-N.	9	------	Cu.-N. NE
4	Calm	Calm	SW	WSW	NNE	W	26.6	67.3	51.7	42.6	188.2	6	A.-Cu.	S.-Cu. NE	6	Ci.-S.	Cu. N
5	SW	W	W	W	WSW	SW	56.8	95.9	128.1	191.2	472	8	------	Cu.-N. NNW	10	------	Cu.-N. NW
6	SSW	S	SSW	WSW	SW	Calm	338	284	148.7	34	804.7	8	------	Cu.-N. WSW	7	Ci.-S.	Cu.-N. SW
7	W	Calm	SSW	SW	SW	Calm	35.7	38.3	151.3	47	272.3	4	Ci.-S.	Cu. SSE	5	Ci.-S.	Cu. SE
8	W	Calm	S	S	Calm	Calm	27.6	38.9	77.2	26	169.7	3	Ci.	Cu. SE	4	Ci.	Cu. SE
9	Calm	Calm	S	SW	WSW	S	28.8	40.8	161.7	53.3	284.6	3	Ci.	Cu. S	4	Ci.-S.	Cu.
10	SW	S	S	SW	WSW	S	33.4	114.6	173.8	52.3	374.1	3	Ci.	Cu. SSW	3	Ci.	Cu.
11	S	Calm	SW	SSW	Calm	NW	57.9	68.4	94.7	26.9	247.9	3	Ci.	Cu. SSW	3	Ci.	Cu.
12	Calm	N	NE	NE	NE	NNE	24.6	68.6	131.9	56.5	281.6	3	Ci.	Cu.	3	Ci.	Cu. S
13	N	N	NE	NE	NE	N	50.6	63.6	111.5	45	270.7	2	Ci.	Cu.	3	Ci.	Cu.
14	E	Calm	Calm	NE	N	NE	35.9	57.5	112.7	62	268.1	3	Ci.	Cu. NE	2	------	Cu.
15	S	Calm	S	NNE	NE	SW	42	40.1	74.7	66.3	223.1	3	------	Cu. E	3	------	Cu. E
16	SW	Calm	S	NE	Calm	NW	41.5	50.8	68.6	24.6	185.5	3	------	Cu. E	3	Ci.	Cu.
17	NW	NNE	S	NE	NE	N	44.6	78.7	97.4	62.5	283.2	6	------	Cu.-N. E	4	Ci.	Cu.
18	NE	NNE	NE	NE	NE	E	57.5	91.7	122	57.5	328.7	2	Ci.	Cu. E	3	Ci.	Cu.
19	NE	N	NE	NE	E	N	69.9	67.8	81.3	51.5	270.5	8	------	Cu.-N. E	7	Ci.-S.	Cu.-N. E
20	NE	Calm	E	NE	NE	N	50.3	66	119.6	83.8	319.7	3	Ci.	Cu. E	4	Ci.-S.	Cu. E
21	NE	NE	NE	NE	NE	N	64.3	82.4	138.1	111.9	396.7	8	------	Cu.-N. ENE	2	Ci.	Cu. E
22	N	N	NE	NE	NE	N	60.5	69.9	119.1	96	345.5	5	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
23	NNW	NNE	NE	NE	E	N	61	79.6	126.6	57.8	325	4	Ci.-S.	Cu. E	6	Ci.-S.	Cu.
24	N	Calm	SW	S	E	NW	36.9	60.4	57.3	56.8	211.4	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
25	SW	Calm	Calm	S	Calm	W	49.1	32.5	52.8	29.1	163.5	8	------	Cu.-N. SSE	7	------	S.-Cu.
26	N	N	NE	N	NE	Calm	33.4	70.2	90.8	50.4	244.8	5	A.-Cu.	Cu. E	4	Ci.-S.	Cu. E
27	N	Calm	NE	NE	NE	N	23.6	85.7	127.3	68.9	305.5	3	Ci.	Cu. E	3	Ci.	Cu.
28	NNW	Calm	NE	NE	E	E	54.9	74.3	124.4	79.7	333.3	3	Ci.-S.	Cu. E	3	Ci.	Cu. E
29	NNE	Calm	E	NE	E	NE	31.8	90.9	129	75.8	327.5	3	Ci.	Cu. E	3	Ci.	Cu. E
30	N	N	NE	NE	NE	E	54.9	103.5	94.3	107	359.7	3	Ci.	Cu. E	6	Ci.-S.	Cu. E
31	NE	N	NE	NE	NE	N	54.7	122.3	160.9	68.1	406	7	Ci.-S.	Cu.	7	------	Cu.-N. ENE
Mean	------	------	------	------	------	------	54.7	77.3	111.5	63.9	307.5	4.4	------	------	4.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,532.8	----	------	------	----	------	------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.58	57.81	58.58	56.62	56.79	58.04	25.8	25.2	30	31.5	30	28	32	23.9	85	90	65	57	70	79	------
2	57.47	58.06	58.32	56.31	57.41	58.48	27.2	26.8	29.6	32	30.9	28.6	32.7	26.5	77	84	70	54	54	66	16
3	57.34	58.39	58.31	55.93	56.91	58.38	25.8	25.4	26.9	28.1	29	27.8	29.5	23.9	82	83	71	70	62	74	6.9
4	56.86	57.51	58.14	56.18	56.53	58.64	26.7	26.2	30.3	30.5	28.9	28	31.5	25	81	82	65	65	75	83	------
5	57.32	56.96	56.92	55.62	55.76	57.72	27.2	26.5	29.8	30.5	30	28.3	31.1	26.2	84	88	69	60	74	79	------
6	57.18	57.44	58.16	56.12	56.99	58.04	27.7	27.2	29.5	30.3	29.5	27.6	32	26.9	82	83	72	62	68	76	------
7	57.21	57.51	57.74	56.01	56.93	58.09	27.6	26.2	30.2	31	29.7	26.2	31.8	25.4	81	89	67	55	67	82	2
8	57.81	57.96	58.31	56.77	57.56	58.79	26.2	26	29.4	31.3	29.5	28	31.6	25.3	94	95	68	63	68	74	------
9	58.05	59.17	59.08	57.13	57.61	58.87	27.4	26.5	29.5	30.5	29.9	28	31.3	26	84	82	69	62	62	73	------
10	58.83	59.25	59.77	57.35	57.97	59.71	27	26.4	30	31	30	28.4	31.5	25.6	70	81	65	62	65	75	------
11	58.84	59.12	59.83	57.89	58.02	58.98	26.8	26.5	29.5	28.9	28.5	27.2	30.4	26	79	84	75	75	74	78	------
12	58.70	59.34	59.40	57.79	57.81	59.54	26.6	26	31.2	30.5	30	27.8	32	25.5	80	84	62	62	67	75	------
13	58.34	59.09	59.37	57.77	58.77	59.84	27.6	26.5	30	31	28.3	28.5	31.9	26.2	77	85	68	62	75	71	------
14	58.84	59.48	59.41	57.46	58.15	59.62	27.4	26.7	29.5	30.6	30.2	28.4	32.5	26.2	81	86	78	68	66	70	.8
15	58.72	58.99	59.41	56.98	57.39	59.47	27.8	26.4	30	30	29	26.7	32	25.7	70	87	71	70	76	83	22.6
16	58.49	58.77	59.26	57.37	58.92	59.84	26.6	24.6	27.6	29.8	23	26	30.2	22.5	83	88	80	76	91	88	52.9
17	58.87	59.04	59.84	57.71	58.52	60.22	26.2	26.8	29	31	29	26.6	31.5	26	86	86	73	62	74	83	5.6
18	59.35	60.17	60.52	58.43	59.06	60.47	25.5	26	29	30.9	29.5	27.7	31.2	24.9	81	85	74	63	71	81	------
19	59.80	60.84	61.01	58.98	59.47	60.59	26.4	26.2	30.7	31.4	30	27.4	32.8	25.6	85	89	65	54	69	76	8.1
20	59.92	60.49	60.47	58.13	58.63	59.74	26.2	26.5	29.2	32	30.1	28.2	32.5	24.5	79	88	80	63	68	76	2.5
21	59.62	59.77	59.93	58.35	58.12	59.72	26.1	26.6	29.5	31.3	29.6	27.5	32.5	24.5	82	81	71	58	77	81	------
22	59.12	59.54	59.76	58.45	59.06	60.43	26.8	26.5	29	31	29.5	28.9	31.6	26.3	81	82	74	65	75	74	------
23	59.87	60.17	60.28	58.60	59.10	60.06	27.2	26.5	29.5	31	30	27	31.5	26	83	85	77	68	71	84	39.9
24	59.42	60.02	60.57	59.01	59.48	60.43	26.9	25	29.9	26.6	27	26.2	31	24.5	85	92	69	83	80	76	2
25	59.72	59.89	60.61	58.67	59.12	60.44	24.7	24.6	28.8	30.5	28	27.2	32	23.9	86	88	70	61	79	83	------
26	59.22	59.18	59.38	57.83	58.87	60.01	25.5	25.7	31	30.5	29.5	28	31.9	24.5	92	84	59	59	68	70	.5
27	59.39	59.07	59.31	57.58	58.83	59.72	27.5	26.4	30	30.2	29.5	27.8	31.1	25.7	76	81	71	66	68	76	.8
28	59.40	60.07	60.81	58.37	59.57	61.06	26.1	26.2	29	30	29.5	27.8	31.5	25.5	87	90	77	71	76	80	------
29	59.89	60.62	61.33	58.76	58.87	60.17	26.8	26.2	29.5	30.5	29	27	31.5	25.6	80	82	76	66	70	75	10.4
30	58.97	59.18	59.21	56.37	57.44	59.62	26.8	26.6	28.5	31	29.6	24	33	23.2	80	87	77	56	70	91	64.5
Mean	58.67	59.10	59.43	57.48	58.12	59.49	26.7	26.2	29.5	30.5	29.2	27.5	31.7	25.2	81.8	85.7	70.9	63.9	71	77.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	235.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	57.3	100.1	115.5	89.9	362.8	4	A.-Cu.	S.-Cu. E	3	Ci.	Cu. E
2	N	Calm	NE	NE	NE	N	40.7	97.4	110.2	108.6	356.9	4	Ci.	Cu. E	3	Ci.	Cu. E
3	N	Calm	N	NE	NE	E	94.1	52.3	71.8	47.3	265.5	9	------------	N. E	6	Ci.-S.	Cu. E
4	NW	NW	NE	NE	NE	E	45.9	52.3	99.5	71.2	268.9	4	Ci.	Cu. ENE	3	Ci.	Cu. E
5	Calm	NW	NE	NE	NE	E	33.5	80.9	115	79.1	308.5	4	------------	S.-Cu. E	3	Ci.	Cu. E
6	NE	E	E	NE	NE	N	57.1	62.8	97.6	47	264.5	5	------------	S.-Cu. E	7	Ci.-S.	Cu.-N.
7	SE	Calm	NE	NE	NE	NE	53.1	64.7	108.8	72.1	298.7	4	Ci.	Cu. E	4	Ci.	Cu. E
8	NW	Calm	NE	NE	NE	N	44.1	79.4	104.8	50.1	278.4	3	Ci.	Cu. E	3	Ci.	Cu. E
9	E	Calm	NE	NE	NE	Calm	43.3	74.5	104.8	36.5	259.1	3	Ci.	Cu. E	2	Ci.	Cu.
10	NE	Calm	SE	NE	SW	Calm	51.5	53.1	95.3	43.1	243	3	------------	Cu. E	3	Ci.	Cu.
11	N	Calm	Calm	S	SW	Calm	43	33	57.9	22.5	156.4	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
12	NW	NW	NE	NE	Calm	Calm	33.6	49.6	92.4	36	211.6	3	Ci.	Cu. E	3	Ci.	Cu. E
13	S	N	NE	Calm	NNE	SE	34.3	60.2	48.8	53.9	197.2	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
14	SE	Calm	S	NE	ESE	E	44.8	53.4	106.4	88.3	292.9	5	Ci.-S.	Cu. E	5	Ci.	Cu. E
15	E	Calm	Calm	S	Calm	W	42	37.8	62.2	62.5	204.5	7	Ci.-S.	Cu.	4	Ci.-S.	Cu. E
16	W	Calm	SW	SSW	SSW	NW	53.1	91.4	115.1	51.5	311.1	8	------------	N.	5	Ci.-S.	Cu.-N.
17	Calm	W	S	S	Calm	NW	54.7	57.8	61.5	51.4	225.4	6	Ci.	Cu. SW	4	Ci.	Cu.
18	W	Calm	S	S	Calm	W	40.7	35.8	43	33.4	152.9	4	Ci.	Cu. SW	4	Ci.	Cu.
19	N	Calm	E	NE	N	N	38.3	51.5	93.8	41.5	225.1	3	Ci.	Cu. E	3	Ci.	Cu.
20	Calm	Calm	S	S	SSW	NW	28.4	39.6	59.8	50.2	178	2	Ci.	Cu.	3	Ci.	Cu.
21	S	W	S	S	Calm	NW	52.3	39.6	42.4	40.7	175	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
22	NW	Calm	Calm	SSW	SW	SE	37.5	32.5	96.6	59	225.6	3	Ci.	Cu. E	6	Ci.-S.	Cu.
23	W	Calm	SSW	SSW	SW	Calm	30.8	88.5	137.9	48.8	306	3	Ci.	Cu.	3	Ci.	Cu.
24	Calm	SW	Calm	SSE	E	NW	36.5	36.2	67.9	48.9	189.5	8	------------	Cu.-N.	8	------------	Cu.-N. E
25	NW	N	NE	NE	SE	E	47.2	63.8	105.4	84.5	300.9	2	Ci.	Cu.	3	Ci.	Cu. E
26	N	Calm	Calm	NE	NE	N	34.3	38.9	109.7	66.2	249.1	3	Ci.	Cu.	3	Ci.	Cu.
27	N	Calm	S	NE	NE	N	33.3	53.9	100.9	57.4	245.5	3	Ci.	Cu.	3	Ci.	Cu. E
28	N	Calm	Calm	NNE	Calm	Calm	36.8	37.6	83.1	33	190.5	8	------------	Cu.-N. E	7	Ci.-S.	Cu.-N. E
29	N	Calm	S	Calm	N	N	38.6	38.1	47.8	59.7	184.2	3	Ci.	Cu.	4	Ci.-S.	Cu.
30	NW	Calm	Calm	NE	E	NNW	55.3	27.2	85.9	79.5	247.9	4	------------	Cu.-N. E	5	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	44.5	56.1	88.1	57.1	245.9	4.6	------------	------------	4.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,375.6	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.40	58.85	59.18	57.53	58.07	59.22	26.2	25.8	29.1	30.5	29.9	27.7	31.5	24.8	84	85	76	61	61	79	------
2	58.89	59.37	60.02	58.23	59.03	60.12	25.6	26	28.5	29.8	27.6	25	31	24.4	85	89	77	71	73	87	26.4
3	59.44	58.95	59.73	58.02	58.56	59.52	25.3	25.8	31.5	32.3	28.5	27.5	32.5	24.2	86	84	65	59	80	82	4.1
4	58.92	57.96	58.78	56.96	57.26	58.74	24	25.7	29	31	28.7	26.9	31.5	23.7	91	88	74	62	73	81	.8
5	57.88	57.76	58.43	56.88	57.29	58.14	27	26	30.5	29.2	29	27.2	31.5	25.5	81	85	60	73	73	81	1
6	57.50	57.67	58.81	57.36	57.91	58.99	26.4	26	28.5	28.9	28	27.2	29.6	25.6	86	88	74	70	76	80	------
7	58.05	58.74	59.13	56.99	58.23	59.43	25.2	25.4	29	31	28.5	27	31.2	24.9	83	84	67	61	70	77	------
8	58.39	58.60	58.62	56.26	57.53	59.02	26.9	25.9	29.5	30.6	29.3	27.2	30.9	25.4	77	83	73	65	72	77	6.9
9	58.66	58.47	58.44	57.03	57.77	59.44	25.4	25.4	28	28.5	25	25.2	30.3	23.6	92	87	77	70	92	90	30.2
10	58.32	58.24	58.73	57.59	56.91	58.42	25.3	26	29.5	27.2	28.4	27	30.8	25.1	85	82	70	83	68	77	------
11	57.79	58.16	58.34	56.84	57.26	58.77	25.9	25.8	29	30	28.1	27	30.4	25	81	79	68	65	84	77	------
12	57.81	58.44	58.50	57.03	58.29	59.32	26.8	25.3	30.9	30.9	28	27.1	32.9	24.5	75	81	69	66	80	85	13.7
13	58.09	58.56	58.38	56.81	56.75	57.97	26	25.4	29	29.5	27.2	26.5	30.2	24.7	91	88	74	74	83	90	6.1
14	55.83	55.69	55.90	54.49	53.99	55.01	26	26	26.6	26.5	26.1	24.6	27.4	23.9	89	89	77	84	86	95	28.6
15	53.61	53.41	53.97	52.49	53.29	55.07	24.9	24.9	25.9	26.9	27	26	27.5	23.8	95	84	83	81	80	84	3
16	54.33	54.86	56	54.59	55.09	57.56	27.2	27.5	28	28.7	28	24.5	29.5	23.8	75	80	70	76	80	87	7.1
17	56.99	56.95	57.68	56.72	56.60	58.33	25.6	27	28	29.5	28.5	28.3	29.9	24.2	81	84	79	66	70	71	------
18	57.22	57.14	57.50	56.02	56.51	58.49	27.7	27.3	29	30	30	28	30.4	27	82	78	78	70	65	66	------
19	57.34	57	56.94	55.86	56.39	58.44	27.4	26.8	29.3	29.6	29.9	27.7	30	26.5	69	74	70	72	62	68	------
20	57.66	57.82	58.11	56.39	57.43	58.17	27.5	27.4	29	30	29	28	30.2	26.6	68	70	74	68	69	68	.8
21	57.39	57.72	57.96	56.33	56.73	58.07	28.2	27.4	29	30	30	28.2	30.3	26.8	72	74	76	70	69	70	------
22	56.57	57.38	57.63	55.77	56.23	56.72	27.5	26	28	28.5	28.4	26.3	29.3	25.4	73	81	76	67	69	76	------
23	55.82	55.79	55.85	55.04	55.60	57.16	26	26.2	28	25.5	25.5	24.6	29	23.9	76	74	77	80	84	85	5.9
24	55.94	55.86	56.96	55.69	56.24	57.82	25.2	26.3	27.5	28.5	27.5	26	29.2	24.2	86	76	70	63	70	72	------
25	57.33	57.66	57.54	56.16	57.21	58.94	26.5	26.2	28.5	29.9	28.9	27.4	30.5	25.7	80	82	74	69	74	78	.5
26	57.92	57.69	58.04	56.96	57.58	59.01	25.8	26.8	29	28.9	27.3	25.3	29.5	24.6	72	71	73	77	86	91	6.3
27	57.22	57.09	57.30	55.90	55.77	56.74	26.3	27	28.6	27.9	27.8	26.5	29	24.7	82	79	76	82	67	76	.5
28	55.54	55.56	55.35	54.97	55.35	56.12	25.5	25.8	29	27	26	26.7	29.5	24.5	72	70	61	72	80	75	.3
29	54.69	55.57	56.12	54.83	55.68	57.33	27.2	27.8	28.5	29	27.5	27.4	30.1	26.4	83	79	74	73	68	71	------
30	56.72	57.03	57.71	56.09	57.16	58.31	27	27.6	29	29.5	29	28.2	30	25.5	71	69	76	71	78	76	------
31	58.07	57.88	57.96	56.47	56.76	57.97	26.4	27.5	29	29.5	30.5	28	31.8	25.5	76	70	64	75	56	67	------
Mean	57.24	57.35	57.73	56.27	56.79	58.14	26.3	26.3	28.8	29.2	28.2	26.8	30.2	25	80.6	80.2	72.6	70.8	74.1	78.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	142.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	S	NE	Calm	Calm	41.1	34.9	52.8	36.6	165.4	3	Ci.	Cu.	6	Ci.-S.	Cu. E
2	NNW	Calm	Calm	SW	Calm	NW	40.1	37.3	85.8	40.9	204.1	3	Ci.	Cu. E	4	Ci.	Cu. E
3	Calm	Calm	Calm	NE	NE	Calm	35.8	38.3	79.7	52.1	205.9	4	Ci.	Cu.	5	Ci.-S.	Cu.
4	NNE	NW	NE	NE	N	N	53.1	56.7	98.2	48.6	256.6	8	------------	S.-Cu.	4	Ci.	Cu.
5	N	Calm	NE	S	E	Calm	33.7	54.4	45.8	27.6	161.5	3	Ci.	Cu. E	7	Ci.	Cu.
6	W	N	S	SSW	SW	Calm	37.8	49.9	118.8	92.8	299.3	7	------------	Cu.-N. E	7	Ci.-S.	Cu.
7	Calm	W	SSW	SW	NW	NW	31.4	58.4	158	43.4	291.2	4	Ci.	Cu. SW	3	Ci.	Cu.
8	SW	Calm	S	SSW	SW	E	36.1	58.2	155.6	45.1	295	5	Ci.-S.	Cu.	4	Ci.-S.	Cu.
9	N	E	SSW	W	S	W	71.8	120.2	122	83.7	397.7	6	Ci.	Cu.-N. SW	6	------------	Cu.-N. SW
10	W	SW	Calm	NE	SW	Calm	78.1	67.8	53.3	33.4	232.6	9	Ci.-S.	Cu. SW	9	------------	Cu.-N. W
11	W	W	SSW	SSW	Calm	SW	51.2	109.1	77.2	43	280.5	3	A.-Cu.	Cu.	4	Ci.	Cu.-N. W
12	SW	Calm	E	NE	SW	S	65.7	41.3	63.8	64.3	235.1	3	Ci.	Cu.	6	Ci.-S.	Cu.
13	SW	NW	S	Calm	Calm	NW	41	32.7	49.4	37	160.1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
14	W	W	W	SW	WSW	SW	62.4	88.1	127.1	206.8	484.4	10	------------	Cu.-N. N	10	------------	N. W
15	SW	SW	SW	SW	SW	SW	235.7	211.6	357.2	248.4	1,052.9	9	------------	N. WSW	9	------------	Cu.-N. SW
16	SW	SW	SW	SW	SSW	SW	336.3	334.2	373.3	309	1,352.8	7	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
17	SW	S	SSW	S	SSW	SSW	223	323.4	267.9	229.4	1,043.7	7	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu. SW
18	SSW	SW	SW	SSW	SW	SW	292.9	229.4	-----	-----	-------	6	A.-Cu.	Fr.-Cu. SW	4	A.-Cu.	Cu. SW
19	SW	SW	SW	SW	SW	SW	-----	-----	296.1	140.8	-------	2	------------	S.-Cu. SW	4	Ci.	Cu. SW
20	SW	SW	SW	SW	SW	SW	119.9	208.5	219.4	95.3	643.1	2	Ci.	Cu. SW	3	Ci.	Cu. W
21	SW	SW	SW	S	SW	SW	129.2	181.1	212.7	94.1	617.1	2	Ci.	Cu. SW	5	Ci.	Cu. WSW
22	SW	SW	SW	SW	W	SW	119.9	165.8	201.7	179.2	666.6	8	------------	S.-Cu. W	8	------------	Cu.-N. WSW
23	SW	SW	SW	SW	SW	SW	130.7	246.2	194.2	197.6	768.7	8	------------	S.-Cu. WSW	9	------------	Cu.-N. WSW
24	SW	SW	SW	SW	SW	SW	171.5	184.3	258	165	778.8	9	------------	Cu.-N. SW	8	------------	S.-Cu. SW
25	SSW	SW	SSW	SW	Calm	WSW	138.9	162.5	144.8	48.8	495	7	A.-Cu.	Cu. SW	4	A.-Cu. NNE	Cu. SW
26	SW	SW	SW	SW	Calm	SW	113	128.7	114.7	55.2	411.6	5	A.-Cu.	S.-Cu. W	9	------------	Cu.-N. WSW
27	SW	WSW	SW	SSW	SW	SW	85	131.6	275.8	117.9	610.3	8	------------	Cu.-N. WSW	8	------------	Cu.-N. W
28	SW	SW	SW	SW	WSW	SW	194.9	206.5	240.2	198.4	840	8	------------	Cu.-N. WSW	8	------------	Cu.-N. SW
29	SW	SW	SW	SW	SW	SW	327.6	384.8	304.1	190.8	1,207.3	8	Ci.-S.	Cu. SW	8	------------	Cu.-N. SW
30	SW	SW	SW	SW	SW	SW	95.8	207.6	294.5	139.7	737.6	7	A.-Cu.	Cu. SW	6	A.-Cu.	Cu. SW
31	WSW	SW	SW	SW	W	SW	117.9	190	204.4	94.1	606.4	3	------------	Cu. SW	4	A.-Cu.	Cu. SW
Mean	------	------	------	------	------	------	117	144.8	174.9	112	534.5	5.8	------------	------------	6.3	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.94	56.52	57.14	56.19	56.82	58.40	27.7	27.3	30	28.5	29.5	28.4	30.4	26.4	70	68	62	67	61	64	------
2	56.45	57.54	58.01	56.18	57.21	58.31	27.4	27	29	29.2	29.5	28.4	32.1	26.4	67	72	71	78	59	67	------
3	57.37	58.17	58.51	57.03	57.08	58.42	27	26.2	29.5	30	29	28.2	30.6	25.8	78	79	68	68	79	72	------
4	57.84	57.99	58.35	56.37	56.72	58.22	27.7	28	30.1	30	30	29	30.5	26.9	70	69	67	74	69	74	------
5	57.44	57.64	57.47	56.31	57.41	58.37	27.9	27.8	29	27.8	27.2	27.4	29.9	25.6	75	76	74	75	75	76	2.3
6	57.38	57.44	58.58	56.83	57.18	58.19	27.3	27.2	26.4	29.5	28.5	27.6	30	25.8	73	70	86	68	81	71	1
7	57.62	57.93	58.72	57.50	57.63	59.21	26.8	26.8	28.3	24	28.8	27.4	29.9	23.1	78	78	71	91	65	70	9.7
8	57.95	58.49	58.87	56.93	57.68	59.70	27	27.5	28.9	30	29	27.7	30.2	26.4	72	70	71	71	78	77	------
9	58.52	58.79	59.17	57.65	57.77	59.31	27.2	27.5	30	31.5	29.5	27.5	32.3	26.8	74	73	59	51	55	65	------
10	58.09	58.39	58.75	56.86	57.48	58.62	26.8	26.4	29	30.6	29	28	31	26	68	68	64	66	76	70	------
11	57.47	57.74	58.11	55.82	56.60	57.97	27.4	27	29	30	29	27.8	30.6	26.5	70	72	64	65	71	71	------
12	56.95	57.44	57.31	55.83	57.11	58.20	27	26	29.2	30	27.5	26.6	30.5	25	73	73	70	65	81	83	.8
13	57.05	57.17	57.27	56.16	56.66	57.87	25.6	26	28	29.5	28.5	27	30	25	85	82	77	63	74	70	------
14	56.90	56.77	57.02	55.69	55.59	56.36	26.8	26.7	29.4	31.5	28.6	28	33	26.1	71	74	68	57	66	67	------
15	55.07	55.54	56.02	54.37	54.62	55.69	27.3	27	29	28.9	29.5	26.8	30.1	25.2	70	72	67	75	64	78	3.3
16	55.64	56.25	56.89	56.32	57.20	59.72	26.9	27	28.5	29.8	25	26.5	30	23.1	82	84	74	66	91	80	7.4
17	58.82	58.53	59.29	57.49	57.79	59.44	26.4	26.4	29.3	30	29.5	27.4	32.1	25.5	86	84	76	68	71	81	.5
18	58.84	59.12	59.38	57.41	57.47	58.92	25.7	25.2	28.4	30.5	29.3	27.2	30.6	24.5	81	90	78	65	76	80	26.4
19	58.09	58.57	58.02	56.18	56.59	58.32	27.3	23	26.5	28.4	27	26	28.5	22.5	81	93	79	71	80	78	8.7
20	57.13	57.05	57.53	55.81	56.72	58.03	26.5	27.1	28.8	30	28	27.6	30.2	25.5	76	78	71	71	72	73	.8
21	57.52	57.59	58.10	56.21	57.01	58.23	26.7	26.5	29	29	29.2	27.5	30	26	74	74	69	71	70	70	------
22	57.34	57.45	57.74	56.17	56.98	58.58	26.7	26.4	28.5	28.9	27.5	26.4	29.4	25.6	74	73	73	75	76	76	------
23	57.68	57.35	58.04	55.87	56.92	58.47	26.7	26.6	28.8	30.4	28.8	27	30.6	25.4	74	74	71	69	65	73	------
24	57.58	58.03	58.44	57.39	58.04	59.39	26.6	26.6	29	24	27.6	27.5	29.9	23	75	72	68	83	69	73	7.9
25	58.58	58.93	60.06	58.23	59.08	60.42	27.4	25.8	28.5	29.6	29.4	28	30.4	24.3	69	74	69	66	65	66	------
26	59.09	58.94	59.11	57.24	57.52	58.41	26.6	26.6	28.7	29.5	29	28.1	31.6	26	71	72	67	65	64	72	------
27	57.07	56.73	56.97	56.18	55.87	56.84	27.1	26.7	28	26.6	26	26.6	28.2	25.2	76	77	71	79	80	72	2.1
28	56.05	56.33	57.01	55.52	56.76	58.11	25	25.4	26.5	27.6	25.8	26	28	24.4	74	76	88	76	81	72	3.1
29	57.70	57.60	58.47	57.92	58.61	60.03	25.4	23.2	28.8	29.5	28	26.5	30	25.3	76	73	69	64	77	74	------
30	58.69	58.36	58.99	57.58	58.19	59.08	25.8	25.7	27.9	28.8	23	25.2	29.3	22.5	74	77	68	69	91	78	8.1
31	58.08	57.76	58.39	56.64	57.14	57.92	24.8	25	23.4	28	26.9	25.2	31	23.7	82	80	71	73	78	88	1.1
Mean	57.51	57.68	58.12	56.58	57.14	58.48	26.7	26.5	28.7	29.1	28.2	27.2	30.4	25.1	74.8	75.7	71	69.8	72.9	73.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	83.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SSW	WSW	WSW	116.3	153.9	195.1	115.7	581	3	A.-Cu.	Cu. SW	6	Ci.-S.	Cu. WSW
2	SW	W	SW	SSW	W	SW	93.1	124.5	199.2	140	556.8	5	A.-Cu.	S.-Cu.	4	Ci.	Cu. SW
3	SSW	SW	SW	SSW	SW	SW	124.4	148.9	157.1	79.2	509.6	3	Ci.	Cu.	3	Ci.	Cu. WSW
4	S	SW	SW	SSW	W	SW	91.2	167.9	209.4	122.1	590.6	4	A.-Cu.	Cu. WSW	3	A.-Cu.	Cu. WSW
5	SW	SW	SW	SW	SW	SW	130.7	234.3	202.5	62.8	630.3	6	------------	S.-Cu.	7	A.-Cu.	Cu. WSW
6	SW	SW	SW	SW	SW	SW	147.8	188	239.8	158.5	734.1	7	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
7	SW	SW	SSW	SW	W	SW	117.3	172.8	139.7	78.6	508.4	6	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.-N. SW
8	SW	SW	SSW	SSW	SW	W	84.7	127.7	205.4	75.6	493.4	2	Ci.	Cu. SW	3	Ci.	Cu. SW
9	SSW	S	WSW	WSW	SW	W	90.6	174.8	183.9	90.3	539.6	3	Ci.	Cu. SW	6	A.-Cu.	Cu. WSW
10	SW	SW	S	SSW	SW	SW	119.7	137.1	177.8	109.7	544.3	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. W
11	SW	SW	SW	SW	SW	SW	150.7	152.6	216.7	58.1	578.1	3	Ci.	Cu. WSW	3	Ci.	Cu. W
12	SW	W	SSW	SSW	Calm	SW	78.9	155.6	172	43.7	450.2	3	Ci.	Cu.	4	Ci.	Cu. W
13	W	Calm	Calm	WSW	SW	SW	42.6	42.3	108.6	73.2	266.7	8	------------	S.-Cu.	8	Ci.	Cu. W
14	SW	WSW	SSW	W	WSW	SW	99.2	155.8	130.9	130.6	516.5	7	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
15	SW	SW	SW	SW	WSW	SW	128.9	192	265	221.8	807.7	6	Ci.-S.	Cu. SW	7	------------	Cu.-N. SW
16	SW	SW	SW	SW	Calm	Calm	150.8	270.5	178.4	32	631.7	7	Ci.-S.	Cu.-N. SW	6	A.-Cu.	Cu. SW
17	SW	SW	Calm	S	NE	N	74	31.2	76.1	73.5	254.8	7	Ci.-S.	Cu. SSW	3	Ci.-S.	Cu.
18	NW	S	Calm	SSW	E	Calm	66.2	63.4	56	46.2	231.8	8	------------	Cu.-N. NNE	5	Ci.	Cu.
19	S	SW	S	SW	Calm	SW	161.2	68.9	95.6	145.8	471.5	9	------------	N.	5	Ci.	Cu.
20	SW	WSW	SW	SW	WSW	W	128.2	138.6	158.2	96	521	7	Ci.-S.	Cu. W	4	A.-Cu.	Cu. WSW
21	SW	SW	SW	SSW	Calm	SW	70.2	152.1	163.3	84.7	470.3	6	Ci.	Cu. SW	5	Ci.	Cu.-N. SW
22	SW	W	SW	SW	W	W	104.8	202.4	202.7	83.9	593.8	6	Ci.	Cu. SW	7	Ci.-S.	Cu.-N. WSW
23	SW	SW	SW	SW	W	SW	111.3	193.6	211.1	128.5	644.5	6	A.-Cu.	Cu. SW	5	Ci.-S.	Cu. SW
24	SW	SW	SSW	SW	Calm	SW	118.6	144.3	134.7	76.7	474.3	7	------------	S.-Cu. WSW	8	------------	Cu.-N. SW
25	SW	SW	S	SSW	W	SW	130	116.2	144.8	111.2	502.2	7	------------	S.-Cu. SW	7	Ci.-S.	Cu. SW
26	SW	SW	SSW	SSW	W	SW	126.6	142.1	147.5	75.4	491.6	5	A.-Cu.	Cu. SW	8	------------	S.-Cu. WSW
27	SW	WSW	SW	SW	SW	SW	83.5	200.9	207	198.2	689.6	7	A.-Cu.	Cu. WSW	9	------------	Cu.-N. WSW
28	SW	SW	SW	SSW	SW	SW	181	142.2	220.9	189.3	733.4	7	A.-Cu.	Cu.-N. SW	9	------------	Cu.-N. SW
29	SW	SW	SSW	SSW	SSW	SW	143	143.7	117.8	147.3	551.8	7	A.-Cu.	Cu.-N. SW	8	------------	S.-Cu. SW
30	SW	SW	SW	S	SW	SW	90.7	126.9	136.3	97.1	451	8	------------	S.-Cu. W	9	------------	Fr.-Cu. W
31	SW	Calm	SW	N	Calm	Calm	55.8	121.2	89.1	63	329.1	4	Ci.-S.	Cu.	8	------------	Cu.-N. W
Mean	------	------	------	------	------	------	110.1	147.9	165.9	103.5	527.4	5.8	------------	------------	6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	16,349.7	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.86	55.38	56.08	54.42	54.44	54.97	26	26.2	29.1	29	26.3	26.2	30	25	78	75	65	64	78	79	2.3
2	53.89	53.80	54.93	53.13	53.08	54.84	25.8	26.3	27.2	27.8	27	25.7	28	24.8	81	78	75	74	83	82	.8
3	54.34	54.56	55.19	54.66	54.62	56.40	26	27.3	28.5	25.6	27.5	27	29	23.4	84	75	70	77	69	70	3
4	55.89	56.23	56.95	55.34	56.40	58.46	26.4	27.5	28.5	29.4	28	27.9	29.8	24.5	76	75	70	61	77	82	.5
5	58.34	58.47	59.01	57.21	57.76	59.65	27.8	26.5	28.4	29.9	29.1	27.4	30.2	26	78	84	77	64	74	81	------
6	58.89	59.17	59.58	57.28	58.23	59.61	25.6	25.8	29.6	30.9	29.6	27.2	31	24.4	78	78	63	66	69	79	------
7	58.19	58.72	59.18	56.87	58.72	59.86	26.4	26.1	29	30.9	28.5	27.6	31.8	25.4	76	77	75	66	70	80	1.5
8	58.36	58.78	58.97	56.93	57.80	58.75	27.2	27	28.6	30	28.2	27.8	30.2	26.3	81	77	66	65	80	70	------
9	57.48	58.07	58.42	56.19	57.03	57.94	27	27	29.2	29.5	29	28.5	30	26.7	75	73	70	71	80	70	------
10	56.72	56.81	57.33	55.27	55.99	57.66	27.3	27.1	28.2	29.5	29	27.5	30	26.8	74	76	72	73	71	70	------
11	56.69	57.08	58.08	55.89	57.59	58.89	27.2	27	29.2	29.7	27.4	27.3	30	25.6	83	80	72	73	77	81	.5
12	58.09	58.43	59.51	57.37	58.82	60.68	26.5	26.3	28.6	30.6	30	27	31.2	25.2	80	80	73	65	65	76	------
13	59.14	59.37	59.80	58.04	58.45	60.19	25.9	25	29.9	29.6	29.5	27.4	31.8	24.6	83	88	69	70	73	84	1.5
14	58.93	59.72	60.10	57.99	58.96	59.95	26.3	25.9	29	29.5	25.5	25.9	30.3	24.3	85	91	74	72	84	86	3.8
15	58.19	59.18	59.57	57.29	57.69	59.02	24.8	25	28	29.7	28.9	27.3	30.5	23.8	89	89	77	70	74	76	------
16	58.32	58.62	58.83	56.72	57.95	59.80	27.1	26.6	29	30.1	28.7	27.8	30.5	26.4	76	72	71	70	76	75	------
17	59.08	59.22	59.91	57.88	58.96	60.22	26.9	26.7	28.9	30	28.5	26.4	31.1	25.5	77	77	73	68	70	77	------
18	59.03	59.62	59.91	57.78	58.13	59.97	25.8	25.4	30.5	29.5	26.9	25.8	31.4	24.9	81	84	62	67	77	78	.5
19	59.04	60.07	60.14	57.77	58.74	59.89	25.5	25.5	28.5	29.8	28.5	26.2	30	24.7	84	84	76	70	71	79	1
20	58.57	58.94	59.28	57.08	58.05	58.77	25.9	25.8	28.8	29.4	28.2	27.2	30.5	25	88	82	72	68	72	80	.5
21	57.75	58.21	58.69	56.92	57.91	59.22	25	25.6	28.2	29	27.6	25.2	29.4	24.5	83	88	72	74	79	88	12.2
22	57.96	58.77	59.46	57.72	59.12	60.29	25.9	25.2	28	27.5	26.5	25.8	30.1	24	81	81	74	77	84	85	6.8
23	59.17	60.22	60.36	58.52	58.96	60.14	24.8	25	28.1	29.4	28	25.8	30	24.2	87	83	70	71	79	87	2.5
24	59.29	59.57	60.19	57.69	58.17	59.34	25.2	25.3	29	31	29	26.7	31.5	24.5	88	88	71	59	68	81	------
25	58.72	58.99	59.79	57.30	58.30	59.78	25.5	25.4	29	31.5	29.5	26.6	31.9	24.2	84	83	64	54	68	80	------
26	58.37	58.92	59.68	57.38	58.01	59.89	25.6	25.6	30	31	29.5	27.8	32	25	84	82	66	56	64	71	4.8
27	58.88	59.70	60.53	58.05	58.28	59.83	25.7	25.6	29.7	31	29.5	26.5	31.8	24.5	86	85	69	56	68	80	------
28	58.67	58.98	59.67	57.15	58.22	59.77	26	26.4	31	32	29.9	27.3	32.9	25.5	82	85	59	60	70	81	3.8
29	58.34	59.04	59.78	58.02	57.99	59.37	26.2	25.5	28.4	27.5	26.2	25	29	24.7	86	92	71	77	79	83	1.3
30	58.30	58.41	59.34	57.19	57.82	58.78	24.9	25.2	28.5	30	28.5	26	30.8	24.3	84	82	70	67	74	85	------
Mean	57.95	58.37	58.94	56.90	57.67	59.06	26.1	26	28.9	29.7	28.3	26.8	30.6	25	81.7	81.5	70.3	67.5	74.1	79.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	47.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	W	WSW	WSW	SW	SW	94.1	107.8	85	99	385.9	6	Ci.-S.	Cu. WNW	8	------	Cu.-N. WNW
2	SW	SW	SW	SW	SSW	SSW	153.2	203.5	264.7	284.3	905.7	9	------	Cu.-N. W	9	Ci.-S.	Cu.-N. SW
3	S	SSW	SSW	SW	SW	SW	284.2	397.6	338.1	242.7	1,262.6	7	Ci.-S.	Cu. SW	8	------	Cu.-N. SW
4	SW	SSW	SW	SW	SW	S	236.2	340	265.7	168.2	1,010.1	5	Ci.	Cu.-N. S	5	Ci.	Cu. SW
5	SW	SW	SW	SSW	WSW	W	163.9	155.9	170.7	58.4	548.9	3	Ci.	Cu. SW	3	Ci.	Cu. SW
6	SW	Calm	SW	S	Calm	Calm	28.4	57.3	86.7	26.2	198.6	2	Ci.	S.-Cu.	3	Ci.	Cu. W
7	Calm	W	S	SSW	SW	SW	26.8	79.7	76.7	67.5	250.7	4	Ci.	Cu.	4	Ci.-S.	Cu. W
8	SW	SW	SSW	SW	SW	SW	75	128.7	191.6	91.7	487	5	Ci.-S.	Cu.	5	Ci.-S.	Cu. W
9	SSW	SW	SW	SW	SW	SW	119.1	164.2	210.1	92.5	585.9	8	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
10	SW	SW	SW	SW	WSW	WSW	118.3	145.9	191.8	100.1	556.1	8	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
11	SW	SW	SW	SW	SW	W	135.2	173.1	177.7	47.2	533.2	6	Ci.-S.	Cu. SW	4	Ci.-S.	Cu. SW
12	SW	SW	SSW	SW	NE	Calm	71.3	130.9	85.5	38.8	326.5	3	Ci.	Cu.	3	Ci.	Cu. W
13	NW	Calm	S	NE	NE	SW	40.6	35.1	72.9	35.1	183.7	3	Ci.	Cu.	6	Ci.	Cu. N
14	Calm	Calm	SSE	SW	SSW	SW	37	49.1	113.3	97.4	296.8	6	Ci.	Cu.-N. NE	7	Ci.-S.	Cu. W
15	Calm	W	SW	SW	WSW	SW	52.6	103	130.9	80.5	367	4	Ci.	Cu.	7	Ci.-S.	Cu. WSW
16	SW	SW	SW	SW	SW	W	82.4	121.2	184.3	54.7	442.6	4	Ci.	Cu. WSW	4	Ci.	Cu. SW
17	W	Calm	S	SW	Calm	Calm	44.6	57.8	110.9	27.7	241	3	Ci.	Cu.	7	Ci.-S.	Cu.
18	Calm	Calm	Calm	S	Calm	Calm	29.6	32.7	66.3	27.2	155.8	6	Ci.-S.	Cu.	7	Ci.-S.	Cu. NE
19	NW	Calm	S	S	Calm	N	37.1	50.6	71.9	51.7	211.3	9	------	Cu.-N. NNE	6	Ci.	Cu. NNE
20	Calm	Calm	Calm	SE	Calm	SW	45.9	31.1	52.9	39.7	169.6	7	Ci.-S.	Cu. NNE	8	------	Cu.-N. NNE
21	NW	Calm	SSE	SSW	SW	SW	29.6	45.8	151.3	89	315.7	4	Ci.-S.	Cu.-N. N	7	Ci.-S.	Cu.-N. W
22	SW	Calm	S	SW	SW	SW	50.1	146.6	149.2	51.5	397.4	3	Ci.	Cu.-N. SW	6	Ci.-S.	Cu.-N. SW
23	NW	Calm	S	SW	Calm	NW	40.6	96	47.2	34.6	218.4	3	A.-Cu.	Cu. SW	8	------	Cu.-N. SW
24	NW	Calm	S	SSW	Calm	SW	30.1	39.4	55	55.2	179.7	3	Ci.	Cu.	5	Ci.-S.	Cu. NNE
25	NW	Calm	NE	NNE	E	Calm	27.9	52.9	78.7	34.3	193.8	3	Ci.	Cu. NE	4	Ci.	Cu. NE
26	N	NW	Calm	NE	NE	SE	52.3	56.5	92.9	51.7	253.4	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
27	NW	Calm	Calm	NE	N	Calm	25.2	36.4	100.8	37	199.4	2	Ci.	Cu.	3	Ci.	Cu. NE
28	N	Calm	E	SW	NE	N	55.5	59	46.7	47.9	209.1	3	Ci.	Cu. ENE	4	Ci.	Cu.-N. ENE
29	SW	Calm	SW	SW	Calm	NW	94	73.9	108.9	32.4	309.2	9	------	Cu.-N. ENE	8	------	Cu.-N. W
30	Calm	W	SW	S	Calm	Calm	37	70.6	76.7	30	214.3	4	Ci.	Cu. NE	4	Ci.	Cu.-N. NE
Mean	------	------	------	------	------	------	77.3	108.1	128.5	73.1	387	4.8	------	------	5.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,609.4	------	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.27	58.62	59.47	57.57	58.25	59.09	25.9	25.8	29.7	31	28.8	26.5	32	24.4	84	83	68	64	78	83	------
2	58.56	58.72	59.13	57.02	57.69	59.07	25.8	25.2	30	29.6	29	27.2	31.6	24.5	84	83	65	67	76	81	------
3	58.54	58.75	59.38	56.99	57.79	59.36	26.8	25.5	28.9	30	29	27.2	30.2	24.8	82	84	71	66	69	79	54.4
4	59.01	59.23	60.09	57.69	58.34	60.02	24.3	25.5	29	27.5	27.6	26.4	31	22.2	91	86	71	75	81	87	11.4
5	59.07	58.93	59.78	57.12	58.26	59.08	25.4	24.5	27	29	26	26.7	29.5	24	88	87	80	71	85	83	14.2
6	58.42	58.73	58.79	56.98	58.46	59.94	25.3	25	28	26.9	27.7	24.9	30.9	24	88	87	74	74	79	89	7.1
7	58.67	59.31	59.49	57.85	59.08	59.74	24.6	24.5	28.5	27	27	25.4	31.9	23.8	90	87	72	75	83	80	------
8	58.35	58.95	59.82	57.37	58.24	59.11	24.9	24.4	29	28.6	25.5	25.2	31	23.5	84	85	64	73	88	87	19.6
9	57.21	57.47	57.73	55.39	56.05	57.96	24.7	24.6	29	31.4	24.2	24.8	32	23.2	86	82	69	61	91	88	79.7
10	56.63	56.51	57.04	54.94	55.74	56.92	25.6	26	29.3	28.8	27.7	27	30	24.5	88	84	68	77	83	77	------
11	55.47	55.49	55.63	53.15	54.33	55.44	26.6	27	28.9	28	28	27.8	30	26.3	74	73	71	85	81	78	2
12	54.48	55.04	55.84	54.61	55.78	56.36	26.9	26.7	27.4	24.9	23.8	25.5	28.5	23.2	83	83	82	90	90	86	25.7
13	54.85	55.59	56.74	54.97	55.82	56.43	26.6	25.7	28.5	29.5	26.5	25.6	29.9	24.8	82	81	64	64	83	81	------
14	55.80?	56.75	57.53	54.60	55.73?	------	25.9	27.1	28.5	27.5	28.6	------	29.4	23.5	85	81	74	70	78	------	1
15	------	56.72	58.57	57.26	57.06	59.74	------	27.5	29	30	29.5	28	30.6	26	------	78	68	59	62	74	------
16	59.03	59.41	60.09	58.18	58.92	60.27	27.8	26.6	28	27.5	27.5	26.4	29	24.5	75	75	77	81	81	85	12.5
17	59.24	59.59	60.01	58.34	58.83	60.57	26.1	26.2	29	27.4	26	26	29.3	22.7	80	79	71	85	80	79	26.2
18	60.02	60.39	60.57	58.39	59.44	60.79	25.7	25.5	28.1	29.7	25.2	25.8	30	24.6	81	83	75	70	90	87	12.2
19	60.08	60.70	60.84	58.74	59.64	60.42	25.3	25	28.1	29.5	25.5	25	30.7	24	85	81	76	71	89	92	1.3
20	59.91	60.29	60.44	58.62	59.55	60.97	25	24.9	28.3	25.5	26	25.8	29.2	24	92	91	75	92	84	84	16.2
21	59.43	59.53	60.48	58.54	58.82	60.02	24.8	24.5	28.5	27.5	27	25.8	30.5	23.8	90	89	70	84	84	88	4.6
22	58.86	59.49	59.57	57.53	58.27	59.14	25	24.8	28.9	28.5	28	27.1	30	24.1	85	84	71	78	77	76	4.1
23	58.35	59.04	59.52	57.36	58.48	59.89	25.8	25.2	28.5	29.3	29	26.8	30.5	24	78	79	74	69	71	78	------
24	58.58	59.15	60.03	58.29	59.92	61.13	26.2	25.5	29	30	28	26.8	30.2	24.6	82	84	74	70	70	74	------
25	60.19	60.58	61.31	59.09	59.97	60.50	25.6	24.8	29	29.5	27.5	25.3	29.9	23.9	75	80	61	55	66	77	------
26	59.91	60.01	60.03	57.88	58.73	60.14	23.9	24.3	30	28.5	27	24.6	30.4	23	84	81	59	63	54	63	------
27	59.59	59.80	60.09	57.98	58.92	60.64	23.6	23.7	29.5	29.9	28	26.2	30.5	22.5	70	77	61	53	66	75	------
28	59.67	60.19	60.46	58.90	59.42	60.94	25.6	25.3	31	26.3	27.5	25.6	32	23.9	79	74	56	74	77	87	7.1
29	59.91	60.49	60.62	58.43	59.34	60.45	25.4	24.2	30	29.5	28	25.6	31.1	22.8	87	90	67	68	75	81	------
30	59.31	60.03	60.89	57.96	58.41	60.04	25	24.7	28.5	29.5	28.5	24.9	31.5	24.2	83	83	74	61	74	91	18.8
31	58.39	59.35	60.33	58.37	59.03	60.42	25.5	24.5	28	27.6	27.3	26.2	28.5	23.2	88	87	74	74	80	84	------
Mean	58.46	58.80	59.36	57.29	58.14	59.49	25.5	25.3	28.8	28.6	27.3	26.1	30.4	24	83.4	82.6	70.2	71.6	78.2	81.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	318.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	Calm	Calm	Calm	Calm	NW	41.7	29.6	47.3	36.4	155	4	Ci.	Cu.	6	Ci.	Cu.-N. NNE
2	NW	Calm	S	Calm	Calm	N	39.7	46.9	55.8	36.4	178.8	3	Ci.	Cu.	6	Ci.-S.	Cu. NNE
3	SW	Calm	S	SW	Calm	Calm	56.7	63.5	88	33.2	241.4	5	Ci.	Cu.	6	Ci.-S.	Cu.
4	N	SW	S	NW	Calm	SW	72.6	72.9	51.7	56.7	253.9	7	Ci.-S.	Cu.-N. SW	6	Ci.-S.	Cu.-N. SW
5	W	N	NE	NE	Calm	Calm	37.5	42.1	53.1	37.8	170.5	3	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.
6	NW	Calm	S	N	SW	Calm	43.5	42.6	62.3	46.1	194.5	6	Ci.-S.	Cu. W	7	Ci.-S.	Cu.-N. SW
7	Calm	Calm	S	N	Calm	NW	36.6	43	41.8	40.4	161.8	3	Ci.	Cu.	7	Ci.-S.	Cu.-N.
8	W	Calm	NE	S	Calm	NW	33.5	47.5	43	47.7	171.7	3	Ci.	Cu.	7	------	Cu.-N. W
9	W	Calm	S	Calm	SE	Calm	41.7	39.7	55	29	165.4	3	Ci.	Cu.	7	Ci.-S.	Cu. W
10	SW	SW	SW	SW	Calm	SW	54.5	113.7	123.1	75.6	366.9	7	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu.-N. WSW
11	SW	SW	SW	SSW	SSW	SW	128.7	195.8	312.5	191.6	828.6	7	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. SW
12	SSW	WSW	SW	SW	SW	SW	252	304.9	271.9	297.6	1,126.4	8	------	Cu.-N. SW	9	------	Cu.-N. SW
13	S	W	SSW	SSW	SSW	SW	276.4	186.3	258.2	181.9	902.8	8	------	Cu.-N. WSW	9	A.-Cu.	Cu.-N. SW
14	S	SSW	SSW	SW	SSW	W	119.1	312	239.4	319.4	989.9	4	------	Cu.-N. SW	9	------	Cu.-N. SW
15	W	SSW	SW	SW	SW	SW	375.1	308.1	209.3	144.6	1,037.1	9	------	Cu.-N. SW	6	Ci.-S.	Cu. W
16	SW	SW	SSW	SW	SW	SW	135	202.4	129.5	122.6	589.5	6	A.-Cu.	Cu. SW	8	------	Cu.-N. SW
17	SW	SW	SW	SW	SW	SW	65.7	144	182.4	102.4	494.5	6	A.-Cu.	Cu. SW	9	------	Cu.-N. SW
18	SW	SW	SW	SW	Calm	Calm	87.5	92	95	28.6	303.1	7	------	S.-Cu.	7	------	Cu.-N. WSW
19	Calm	NW	Calm	SW	Calm	Calm	31.4	26.8	56	34.3	148.5	5	Ci.	Cu.-N. WSW	7	------	Cu.-N. WSW
20	Calm	Calm	SW	NE	N	NE	34.1	66.7	72.9	54.6	228.3	7	Ci.-S.	Cu.-N.	8	------	Cu.-N.
21	SW	Calm	S	Calm	SW	SW	43.1	45.1	53.1	49.1	190.4	8	------	N.	8	------	Cu.-N.
22	W	NW	SW	SE	SW	SW	43.4	81.5	104.6	56.3	285.8	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. W
23	W	Calm	SW	SW	Calm	N	64.4	106.4	106.8	36.2	313.8	4	Ci.	S.-Cu. W	6	Ci.	Cu. W
24	Calm	Calm	NE	W	NE	NW	21.9	60.7	66.8	48	197.4	7	------	S.-Cu. N	8	------	Cu.-N. NNE
25	N	N	NNE	NE	N	N	75.6	118.3	150.6	39.9	384.4	3	Ci.-S.	Cu.	5	Ci.	Cu. N
26	N	N	NE	NE	N	Calm	65.4	123	122.5	36.2	347.1	2	Ci.	Cu.	7	------	Cu. W
27	Calm	Calm	NE	NE	N	Calm	16.9	80.5	84	33.8	215.2	2	Ci.	Cu.	3	Ci.	Cu. W
28	Calm	Calm	E	NW	NW	Calm	28.4	57.5	57.9	21.7	165.5	3	Ci.	Cu.	8	------	Cu.-N. NNE
29	Calm	NW	Calm	NE	Calm	N	53.9	39.4	66.1	38.5	197.9	7	------	Cu.-N. N	4	Ci.	Cu. N
30	N	N	NE	NE	NNE	NE	56.5	108	82.1	47.9	294.5	3	Ci.	Cu.	3	Ci.	Cu. NE
31	S	N	NE	NNE	NE	N	49.5	72.9	119.1	64.1	305.6	7	------	Cu.-N. NE	6	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	80.1	105.6	111.7	77.1	374.4	5.3	------	------	6.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,606.2	------	------	------	------	------	------

CEBU.[a]

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.29	59.17	60.16	58.02	58.99	60.67	25.6	25.5	28.9	30.5	29	26.8	31	24.8	84	81	71	61	68	76	------
2	59.45	59.84	60.03	58.21	59.06	60.42	26.3	26	29.7	30	28.5	27.2	31	25	78	78	67	65	74	81	------
3	59.44	60	60.26	58.13	58.79	60.02	26.4	26	29	30.5	28	27.2	31.1	25.2	86	85	71	65	77	77	------
4	58.77	59.69	60.44	58.12	59.07	60.34	25.4	26.5	29	30.2	28	26.8	31.4	25.1	87	82	71	66	79	83	------
5	59.62	59.80	60.75	58.59	58.91	60.18	26.6	26.4	26.5	28.6	27.6	26.6	30	25.2	84	83	85	73	79	81	10.2
6	59.19	59.84	60.26	58.04	59.02	60.09	26.4	24.5	29.5	30	27.5	26.4	30.6	23.2	82	89	70	66	77	81	------
7	59.22	59.67	60.49	58.68	59.16	60.84	26.2	25.8	29	29	28	26.6	30.1	25.3	82	84	70	71	77	85	------
8	59.33	59.94	60.68	58.73	59.54	60.47	26 5	26.5	28.5	27.5	25.9	25.7	29.5	25	86	85	74	81	88	90	12
9	59.70	60.12	61.07	58.26	58.37	59.47	25.7	25.7	29	30.2	27.6	26.4	30.7	24.5	91	88	71	65	74	77	------
10	58.47	59.22	60.09	57.69	58.34	59.97	26	26	29.3	30.5	28.5	27.2	30.7	25.1	79	78	62	65	74	75	------
11	58.61	59.26	60.12	57.96	59.44	60.58	25.2	25	29.1	30.2	26.7	25.6	31.4	24	74	76	64	60	75	81	------
12	59.33	60.23	60.86	58.96	59.42	60.47	24.6	25	29.3	30.1	28.2	26.3	31.8	23.7	88	83	62	58	68	74	------
13	59.24	60.39	60.93	58.29	58.82	60.43	26	25	29.1	29	27.5	26	31	24	75	76	56	65	66	70	------
14	59.38	59.89	60.71	58.59	59.38	60.39	24.5	23.8	28.5	29.7	27	26	30.5	22.9	73	72	48	50	63	68	------
15	59.68	60.19	61.42	59.50	60.03	61.72	26.2	24.9	27.7	27	27.1	24.5	29.1	23	67	73	70	70	75	83	.8
16	61.11	61.18	61.72	59.58	60.07	61.14	24.5	24.7	27.9	28.5	27	25	31.5	22.8	82	83	70	67	77	83	------
17	60.36	60.79	61.07	59.02	59.75	61.24	24.8	24.2	29	28.6	27.5	25.4	30.4	23.7	85	86	67	71	68	80	------
18	60.34	61.51	61.80	59.93	60.22	61.07	24	25.2	29.4	28.3	27.8	26.5	30.3	23.6	85	82	66	75	71	76	1
19	59.96	60.76	61.76	60.04	60.52	61.59	25.4	24.5	30.5	30	28	26	31.7	23.9	82	86	60	57	67	78	------
20	60.84	61.35	61.94	59.73	60.28	61.17	25.6	25.2	29.5	30.2	28.5	25.8	31.5	24	79	79	57	52	73	81	4.3
21	60.28	60.84	61.26	58.84	59.76	60.42	24	24.3	29	31	28.5	26.5	31.2	23.5	90	85	65	59	72	78	------
22	59.27	59.53	60.09	58.47	59.36	60.89	25.8	25	29.5	30.8	28	26	31.2	24.2	82	85	61	60	74	79	------
23	60.25	60.73	61.39	59.93	60.42	61.74	25.5	24.9	28.7	28.8	28.9	26.5	31	24.2	76	78	66	64	65	73	------
24	60.55	61.23	62.01	59.81	60.70	62.15	25.6	24.5	28.9	30	26.4	25.8	30.5	23.9	75	81	62	56	71	72	------
25	60.70	60.93	61.61	59.09	59.90	60.60	24.5	25.4	28.5	28.9	27	25.6	31.3	23.8	78	74	60	57	64	70	------
26	58.70	59.29	59.61	57.36	58	59.10	24.6	25.2	29.4	29.8	27.5	26.4	30.3	24	77	74	59	63	75	76	------
27	57.60	58.04	59.05	57	57.70	58.70	26.6	26	28.8	29.6	27	25.6	31.5	24.2	81	83	76	73	83	87	------
28	58.15	59.01	59.86	57.42	57.60	59.30	24.6	24.3	29.2	30.5	27.4	24.9	31.9	23.4	87	88	69	66	75	84	------
29	59.10	59.16	59.84	57.56	------	------	24.3	24.2	29	31.9	28.8	26.1	32.1	23.5	78	82	74	62	73	80	------
30	------	59.26	60.08	58.35	59.19	59.97	25.9	25.4	27	27.3	27.1	25.6	30.4	24.5	82	84	83	74	78	79	------
Mean	59.51	60.03	60.71	58.60	59.30	60.52	25.4	25.2	28.9	29.6	27.7	26.1	30.9	24.1	81.2	81.4	66.9	64.6	73.3	78.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	28.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	60.7	82.4	96.2	52.3	291.6	6	Ci.-S.	Cu. E	4	Ci.	Cu. ENE
2	N	N	NE	NE	N	N	68.9	93.7	92.2	65.2	320	4	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
3	N	N	NE	NNE	N	NW	65	90.6	114.3	55.2	325.1	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
4	NW	NW	NE	NE	NE	N	58.4	68.2	120.7	68	315.3	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
5	NW	N	NNE	NE	NNE	N	43	74.5	111.3	69.2	298	8	------------	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
6	N	Calm	NE	E	NE	N	53.9	71.6	113.5	63	302	7	------------	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
7	N	N	NE	NE	NE	N	75.2	76	109.4	66.5	327.1	8	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
8	N	Calm	NE	NE	NNE	NNE	43.1	86.9	126.9	90.1	347	7	------------	S.-Cu. ENE	9	------------	Cu.-N. ENE
9	Calm	NE	NE	NE	N	N	26	61.9	113.6	71.1	272.6	8	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
10	N	N	NE	NE	NE	N	74	123.6	151	71.1	419.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
11	N	Calm	NE	NE	NNE	N	67.4	79.3	132	57.6	336.3	3	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
12	Calm	N	NE	NE	NE	N	52.6	125.5	94.1	37.6	309.8	3	Ci.	Cu. NE	3	Ci.	Cu. ENE
13	N	N	NE	NE	N	N	63.8	114.3	138.4	94.1	410.6	3	Ci.	Cu. ENE	3	Ci.-S.	Cu. ENE
14	N	N	NE	NNW	N	NW	78.1	108.6	92.3	63.6	342.6	6	Ci.-S.	S.-Cu. ENE	3	Ci.	Cu. ENE
15	N	Calm	E	SW	Calm	Calm	39.9	65.7	47.2	51	203.8	6	------------	S.-Cu. ENE	7	Ci.-S.	Cu.-N. ENE
16	NW	Calm	SSW	NE	NNE	N	38.4	40.9	106.7	53.1	239.1	3	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
17	N	Calm	Calm	NE	N	N	47.9	53.6	70.3	53.6	225.4	5	Ci.	Cu. NE	7	------------	S.-Cu.
18	NW	Calm	E	SW	N	N	38.6	62	64.8	72.5	237.9	3	Ci.	Cu. ENE	6	Ci.	Cu. NE
19	NE	N	ENE	NE	N	NE	81.7	88.5	112.7	70.1	353	2	------------	Cu.	3	------------	Cu. ENE
20	N	N	NE	NE	NE	NE	65.6	100.3	119.7	90.9	376.5	2	Ci.	Cu.	3	------------	Cu. NE
21	NW	N	NE	NE	NE	N	50.7	86.3	114.1	41.3	292.4	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
22	Calm	Calm	NE	ENE	N	N	19.7	136.8	111	70.5	338	3	------------	Cu. ENE	3	------------	Cu. ENE
23	N	N	NE	NE	NE	N	86.5	95.8	106.2	67.3	355.8	2	------------	Cu.	7	------------	N.-cf. NE
24	N	N	NE	NE	N	N	78.4	134.4	148.9	99.2	460.9	2	------------	Cu.	3	------------	Cu. ENE
25	N	N	NE	NE	N	N	119.7	171.1	140	57.6	488.4	6	------------	S.-Cu. ENE	3	------------	Cu.-N. NE
26	N	NE	NE	NE	S	E	81	123.7	141.8	35.4	381.9	3	------------	Cu. NE	5	------------	Cu.-N. ENE
27	SW	Calm	SW	------	------	------	20.1	32.2	------	------	------	7	Ci.-S.	Cu. NNW	----	------------	------------
28	------	Calm	SE	S	N	N	------	------	73.2	41.3	------	2	------------	Cu. NE	3	------------	Cu. NE
29	NW	Calm	SE	S	NE	N	38.6	36.2	71.4	44.6	190.8	2	------------	Cu.	5	------------	Cu. NE
30	W	Calm	SE	N	N	Calm	36.5	38.3	55.2	51	181	5	------------	Cu.-N. NE	6	------------	Cu.-N. NNE
Mean	------	------	------	------	------	------	57.7	87	106.5	62.9	319.4	4.2	------------	------------	5.1	------------	------------

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[a] Some of the observations for pressure, temperature and relative humidity from November 24 to 30, are taken from a self-registering apparatus.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.61	60.41	58.43	59.08	60	25.5	25	28.5	30.1	27.6	25.5	30.5	24.4	78	77	67	55	62	72	------
2	59.01	59.91	60.72	58.96	59.93	60.92	24.9	25.3	28.7	29	27.5	25.7	30.2	24.5	83	80	62	68	77	81	------
3	59.75	60.89	61.58	60.24	60.84	62.02	25.2	25	27.1	30	27.4	26	30.2	24.5	83	83	78	57	70	78	0.3
4	60.73	61.64	62.09	60.24	60.94	62.14	25	25.2	28.6	28.9	27	25	29.6	22.4	80	78	68	67	73	85	22.6
5	60.91	61.55	62.47	60.44	61.38	62.07	25	24.2	27.8	26.5	26	26	28	22.6	87	87	75	76	80	82	1.8
6	61.18	61.30	61.82	59.94	60.17	61.32	25.4	24.8	28.5	29.5	27.1	26.2	29.8	24	85	82	66	55	69	75	2.5
7	60.45	60.35	61.29	59.47	60.18	60.79	25.6	25	25.8	26.6	24.6	24.5	27.6	23.8	85	90	89	83	90	90	2.1
8	60.06	59.79	60.52	58.58	59.57	60.45	24	25	27.8	26.5	26.5	26.5	29	23.5	91	82	75	78	83	82	1.6
9	59.36	59.76	60.41	58.27	59.34	60.49	25.4	24.5	28.5	30	27	25.8	30.4	23.9	85	85	65	62	77	82	1.5
10	59.80	59.90	60.97	58.94	59.22	60.79	24.6	25	28.2	29.3	27.6	25.3	30	23.9	85	87	62	64	73	87	1.8
11	59.74	59.86	60.67	58.44	58.74	60.09	25.3	25.1	28	28.7	27.5	26	29.7	23.8	86	83	70	70	77	84	3.8
12	59.02	59.39	60.12	57.73	58.43	59.49	25.8	25.5	28.3	29.5	27.5	26.6	30.5	24	85	83	72	68	77	80	2.1
13	58.60	59.09	60.06	58.04	58.46	59.74	25.6	25.6	29	29.7	28.1	26.7	30.4	24.8	84	83	70	67	73	83	11.7
14	58.24	58.11	59.32	57.65	58.64	59.60	25.4	24.8	28.5	28.5	27	26.2	29.3	24	84	87	70	72	75	81	.5
15	58.54	58.46	59.32	57.42	58.14	59.14	26	26	28	29.5	27.9	26.8	31	25	82	82	74	68	75	80	------
16	58.84	60	60.41	58.17	59.01	60.07	25.9	25.6	28.6	29	28.5	25.9	31	25	85	87	71	71	70	85	3
17	59.11	59.47	60.24	58.29	59.17	60.14	24.7	25.2	30.4	29.5	27.6	26.2	30.8	24.2	87	86	66	68	73	79	------
18	59.49	59.97	60.41	58.79	59.46	60.65	25	25.1	29.5	31	28.5	27	31.3	24.4	83	84	64	59	70	77	------
19	59.84	60.59	61.45	59.39	60.74	62.07	26	25.3	26.9	29.5	26.5	25.3	30	24.1	79	81	83	61	78	81	4.6
20	61.10	61.19	61.84	59.86	60.82	61.87	25.5	24.6	27.5	28.5	26	25.2	29.5	23.8	80	82	68	69	84	87	2.5
21	60.83	60.99	61.04	59.09	59.82	60.44	25.4	25.4	25.2	27	26	25.5	27	24	79	80	84	77	80	81	1.5
22	59.16	59.14	60.07	57.69	58.44	59.87	24.6	24.3	29.5	28	27.4	25.8	30	23.3	87	85	64	70	74	80	2
23	58.93	59.01	59.19	58.02	58.81	59.97	24.2	24.2	29.2	29.4	28	25.4	32	24	88	86	66	68	66	80	------
24	58.68	59.30	60	57.67	58.45	59.33	25	24.2	28.1	26.2	25.4	25.5	28.5	23.5	82	82	72	86	84	88	8.1
25	58.48	58.87	59.58	57.47	58.46	59.69	24.5	25	28.5	29.1	26.5	26.8	29.9	24.2	92	88	70	74	84	84	5.8
26	58.79	59.59	60.32	58.08	58.64	59.87	25.2	24.7	29	29.4	27.5	26.7	31	23.8	88	86	71	68	81	82	7.1
27	58.47	59.22	59.82	58.16	58.58	59.77	26.3	26	27.9	27	27	25.6	29	24.8	86	88	78	86	88	83	1.8
28	58.89	59.49	60.38	58.29	59.34	60.49	24.2	25.5	28.5	28.1	26.5	25.3	29	24	90	80	68	70	79	81	------
29	60.29	61.10	61.21	59.49	60.73	61.69	24.3	25.5	28.9	29.5	27	25.5	30.1	24	87	78	66	68	84	89	------
30	60.91	61.80	62.94	61.38	62.02	63.07	25.2	25.3	29	29	28.4	25.7	30.1	24.2	86	85	68	64	71	82	------
31	62.09	62.89	63.41	61.48	62.32	63.65	25.1	25	28.4	30	27.6	25.5	30.2	24	83	83	68	56	70	76	------
Mean	59.63	60.07	60.78	58.84	59.61	60.70	25.2	25.1	28.3	28.8	27.1	25.9	29.9	24	84.7	83.5	70.6	68.5	76.4	81.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	88.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	66	113.5	152.9	51.4	383.8	2	Ci.	Cu.	3	Ci.	Cu.
2	N	N	NE	NE	NE	N	70.8	107.2	156.6	78.1	412.7	2	Ci.	Cu.	3	Ci.	Cu. NE
3	N	NW	NNE	NE	N	N	73.3	102.4	115.1	71.2	362	4	Ci.	Cu. ENE	2	------	Cu. ENE
4	NW	N	NE	NE	NE	Calm	72.4	124.9	162.1	59	418.4	6	------	N.-cf. ENE	6	A.-Cu.	Cu.-N. ENE
5	NE	N	NE	NE	N	N	39.7	129.7	173.3	98.9	441.6	3	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
6	N	N	NE	NE	N	N	56.3	135.9	121.2	66.2	379.6	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	NE	N	NE	NE	N	N	79.9	107.8	130.6	78.6	396.9	9	------	Cu.-N. ENE	8	------	Cu.-N. ENE
8	N	NE	NE	NE	NE	NNE	76.8	140	154.2	103.3	474.3	4	A.-Cu.	Cu. ENE	4	A.-Cu.	Cu. ENE
9	NE	N	NE	NE	NE	N	73.2	129.2	158.3	115.7	476.4	3	------	S.-Cu. ENE	3	------	Cu. ENE
10	N	N	NE	NE	NE	N	89.1	134.1	124.7	50.3	398.2	6	------	Cu.-N. ENE	3	Ci.	Cu. ENE
11	N	N	NE	NE	N	N	66.8	116.3	144.9	78.5	406.5	4	------	S.-Cu. ENE	4	A.-Cu.	Cu. ENE
12	N	N	NE	NE	NE	N	58.4	91.2	118.3	73.2	341.1	4	------	Cu. ENE	3	Ci.-S.	Cu. ENE
13	N	N	NE	NE	NE	N	65.2	91.7	124.4	84.9	366.2	7	------	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
14	N	N	NE	NE	NE	N	74.8	85.3	138.4	61.7	360.2	4	A.-Cu.	Cu. ENE	7	Ci.-S.	Cu. ENE
15	N	N	NE	NE	NNE	N	71.5	87.1	125	75.6	359.2	6	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
16	N	Calm	NE	NE	NE	NW	65.9	94.6	109.4	48.3	318.2	5	A.-Cu.	Cu. ENE	6	Ci.-S.	Cu. ENE
17	N	N	NE	NE	NE	N	48.8	88.5	115.8	57.3	310.4	7	------	S.-Cu. ENE	4	Ci.	Cu. NE
18	N	N	NE	NE	NE	N	55.2	79.3	123.1	78.9	336.5	2	Ci.	Cu. ENE	3	------	Cu. ENE
19	N	N	NE	NE	NE	N	57.1	100.6	117.1	90.1	364.9	4	Ci.-S.	S.-Cu. ENE	3	Ci.-S.	Cu. ENE
20	N	N	NE	NE	NE	N	52.2	109.1	131.4	59	351.7	3	Ci.	S.-Cu. ENE	8	------	Cu.-N. ENE
21	N	NNE	NE	NE	NE	N	63.6	77.9	99.8	61.7	303	9	------	Cu.-N. ENE	9	------	Cu.-N. ENE
22	N	Calm	ENE	NE	NE	NE	62.5	68.7	129.2	56.5	316.9	3	Ci.	Cu. ENE	7	------	S.-Cu. ENE
23	N	N	NE	SSW	N	N	58.2	89.1	76.6	59.4	283.3	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. NE
24	Calm	Calm	SW	Calm	SW	E	17.4	62	61.2	44.6	185.2	4	Ci.-S.	Cu. NE	8	------	Cu.-N. NNW
25	SW	SW	SSW	SSW	N	Calm	74	103.8	71.6	20.9	270.3	7	Ci.-S.	Cu.-N. N	6	Ci.-S.	Cu.-N. WNW
26	Calm	Calm	SSW	Calm	Calm	S	23.3	43.1	42.1	50.4	158.9	3	Ci.	Cu. WNW	6	Ci.-S.	Cu. W
27	S	Calm	S	Calm	Calm	N	33.4	35.8	38.8	51.5	159.5	6	------	S.-Cu. W	7	------	Cu.-N. N
28	N	Calm	NE	NE	NE	N	37.3	82.1	135.3	49.4	304.1	5	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. NE
29	Calm	NE	NE	NE	NE	Calm	52.6	116.3	119.6	37	325.5	8	------	Cu.-N. NE	5	Ci.-S.	Cu. NE
30	N	N	NE	NE	NE	N	53.3	66.3	76	68.4	264	3	Ci.	Cu. ENE	6	A.-Cu.	Cu. ENE
31	N	NE	NE	NE	NE	N	119.9	124.2	126.8	66	436.9	3	Ci.	Cu.	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	61.6	98	118.5	66	344.1	4.7	------	------	5.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,666.4	------	------	------	------	------	------

ILOILO.

[φ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.09	59.28	59.95	57.45	58.46	59.65	25.1	24.5	28.9	29.4	28.3	25.8	29.8	24.4	89	92	69	68	70	86	------
2	58.22	58.38	59.31	56.41	57.20	58.63	25.4	25	28.1	29.6	28.2	25.5	30	24.1	87	88	68	56	61	82	------
3	57.84	58.23	59.35	57.07	57.86	59.44	24.6	24.4	25.9	28.2	28.1	26.7	28.9	24	87	87	85	74	68	80	0.8
4	58.17	58.22	60.11	58.16	58.90	59.59	25.6	25.2	25.9	26.9	26	25.4	27.7	24.7	87	92	88	87	87	88	4.1
5	58.33	58.54	59.68	57.38	58.65	60.01	25.2	24.9	27.5	29.2	25.6	25	29.6	24.3	88	89	76	65	85	80	------
6	58.69	58.68	59.61	56.95	57.58	59.49	24.1	23.9	25.2	28.4	26.8	25.2	28.6	23.7	84	84	86	66	78	82	------
7	58.24	58.29	59.30	57.29	58.07	59.12	25	24.5	26.7	27.7	25.5	25.2	28.2	24.3	83	86	79	70	88	87	------
8	58.56	58.60	59.49	57.52	58.60	59.71	24.8	24.5	27.5	29	28	26.5	29.3	24.2	90	87	73	64	74	85	------
9	59.07	58.03	59.28	57	57.80	58.43	25.5	25.2	28.2	29.4	28.8	26.8	30.2	25.1	86	86	72	72	71	84	2.3
10	57.87	58.44	59.47	56.91	57.61	58.62	25.6	25.6	25.1	28.6	27.6	25.6	29.1	24	92	87	83	67	73	83	18.8
11	58.02	58.94	60.01	57.91	58.47	59.52	24.8	24.4	27.6	29	27.5	24.6	29.3	23.9	88	88	63	52	63	71	------
12	58.91	59.61	60.58	57.97	59.17	60.52	23.5	23.4	27	28.2	26.7	24.2	29	22.7	75	85	67	52	64	71	------
13	59.91	60.46	61.26	58.81	59.11	60.18	23.2	22.7	26	28.8	27.7	25.2	29.2	22.3	78	82	72	55	63	71	------
14	59.46	60.24	61.30	59.34	60.15	61.28	24	23.5	27.5	29.2	27.8	25.2	29.6	22.8	78	80	70	53	67	70	------
15	60.37	61.14	61.97	59.49	61.02	62.37	23.7	23	27.8	29.4	28.5	25.4	29.9	22.6	77	83	71	62	64	79	------
16	61.47	62.07	62.93	59.87	60.40	61.58	24	23.2	27.4	29.5	27.8	25.4	30	22.3	79	83	68	54	67	76	------
17	60.87	61.21	61.93	59.40	60.10	60.85	23.5	23	27.5	30	28.6	25	30.4	22.6	77	79	72	46	54	74	------
18	60.37	61.39	62.15	59.15	59.77	61.45	24.2	23.7	27.1	29.6	28.6	25.5	29.9	23	77	78	72	58	61	75	------
19	60.24	60.57	61.82	59.31	59.92	61.08	24.4	23.5	27.7	28.9	28	25.4	29.2	23	80	85	70	59	67	77	1.3
20	60.81	61.62	62.35	59.59	59.60	60.76	24.6	24.5	26.9	29.5	28.4	26.4	30.3	24.1	80	83	73	55	68	76	------
21	60.72	61.09	62.32	59.91	59.75	60.48	25.4	24.7	28.5	29.6	28.4	25.8	30.2	24.3	79	83	64	53	66	81	------
22	60.37	61.16	62.35	60.20	60.46	61.65	24.6	24.3	29	30.4	28.5	25.2	30.4	23.8	77	77	64	56	60	78	------
23	61.47	61.61	62.36	59.89	60.37	61.08	24.4	24	27.2	28.7	27.9	25.8	29.4	23.7	80	84	70	64	71	79	2.8
24	60.71	61.34	62.18	59.82	60.49	61.58	24.6	24	27.2	29.5	28.2	25.8	29.9	23.9	87	91	71	49	63	75	3.3
25	61.24	61.96	62.81	60.62	61.27	62.38	24.6	24	28	29.1	28.2	25.8	29.5	23.9	82	86	63	58	64	78	------
26	62.24	62.33	63.56	60.84	61.32	62.95	24.2	23.8	27.7	28.6	27.9	25	29.2	22.9	86	86	63	65	71	87	2
27	62.07	62.42	63.17	60.72	61.58	63.17	24.2	23	25	27.9	26.6	24.5	28	22.6	91	90	82	60	63	67	1
28	61.84	61.97	63.01	60.86	61.56	62.77	23	22.8	25.8	27.7	25.4	24.8	28	22.4	73	74	66	61	77	75	2
29	61.83	61.97	63.44	60.93	61.26	62.67	24	23.4	24.7	27	24.9	24.7	27.5	23.2	80	85	84	66	81	81	2.5
30	61.33	61.91	62.98	60.93	61.60	63.24	24.2	24	27	27.9	25.8	24.6	28.4	23.7	82	80	72	68	72	79	------
31	61.99	62.75	63.35	60.76	60.96	62.62	23.6	23.3	26.5	28.4	27	25.8	28.9	22.8	86	87	73	64	70	76	------
Mean	60.01	60.40	61.40	58.98	59.65	60.87	24.4	24	27	28.8	27.5	25.4	29.3	23.5	82.7	84.7	72.5	61.3	69.4	78.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	40.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	111.6	138.2	153.7	91.5	495	5	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
2	N	NE	NE	NE	NE	N	115.9	136.2	168.4	102.7	523.2	7	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.
3	N	N	E	NE	NE	N	109.6	78.6	108.9	90.3	387.4	8	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
4	N	N	NE	NNE	NE	N	83.2	111	156.1	114.1	464.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
5	N	N	NE	NE	N	N	133.8	136.3	184.3	106.5	560.9	5	Ci.-S.	Cu.	8	Ci.	Cu.
6	N	N	N	NE	N	N	95.3	116.2	141.4	92	444.9	10	Ci.-S.	Cu.	7	Ci.	Cu.
7	N	N	NE	NE	N	N	102.8	134.6	144.8	104.4	486.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
8	N	N	NE	NE	NE	N	99.8	133.6	125	75.9	434.3	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
9	N	N	NE	NE	NE	N	95.5	103.2	115.3	83.1	397.1	10	Ci.-S.	Cu.	4	A.-Cu.	Cu.
10	N	NE	NE	NE	NE	N	83.4	95	137.3	74.5	390.2	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
11	N	N	NE	NE	NE	N	87.1	127.3	128.9	96.6	439.9	4	Ci.	Cu.	3	Ci.	Cu.
12	N	NNE	NE	NE	NE	N	93.6	119.4	152.7	87.5	453.2	3	Ci.	Cu.	3	Ci.	Cu.
13	N	N	NNE	NE	NE	N	86.1	116.2	111.8	77.2	391.3	4	Ci.	Cu.	5	Ci.	Cu.
14	N	NNE	NNE	NE	NE	N	69	91.7	110.4	65.5	336.6	3	Ci.	Cu.	6	A.-Cu.	Cu.
15	N	NNE	NE	NE	NE	N	65.2	103.3	93.9	65.7	328.1	4	Ci.	Cu.	3	Ci.	Cu.
16	N	NNE	NE	NE	E	N	51	76.9	101.9	55.5	285.3	2	Ci.	Cu.	3	Ci.	Cu.
17	N	N	NE	E	NE	N	69.8	66.5	91.1	53.4	280.8	2	Ci.	Cu.	5	Ci.	Cu.
18	Calm	NE	NE	NE	NE	N	36.2	61.4	95.6	56.5	249.7	5	Ci.	Cu.	4	Ci.	Cu.
19	N	N	NE	NE	NE	N	75.4	106.8	133	90.6	405.8	3	Ci.	Cu.	4	Ci.	Cu.
20	N	N	NE	NE	NE	N	67.1	85.6	88.8	69.2	310.7	8	Ci.-S.	S.-Cu.	3	Ci.	Cu.
21	N	N	NE	NE	NE	N	70	75.8	115.3	79.1	340.2	2	Ci.	Cu.	2	Ci.	Cu.
22	N	NW	NE	NE	NE	N	84.2	101.7	129.8	94.1	409.8	4	Ci.	Cu.	7	A.-Cu.	Cu.
23	N	N	NE	ENE	NE	NE	104	154.8	185.3	96.9	541	3	Ci.	Cu.	5	Ci.	Cu.
24	N	N	NE	NE	NE	N	86.7	105.7	156.9	76.9	426.2	10	Ci.-S.	Cu.	6	A.-Cu.	Cu.
25	N	N	NE	NE	NE	NE	77.7	127.1	159.8	92.3	456.9	5	Ci.-S.	Cu.	4	A.-Cu.	Cu.
26	NE	NE	NE	NE	NE	N	80.5	159.6	197.7	109.1	546.9	7	Ci.-S.	Cu.	4	Ci.	Cu.
27	N	NE	NE	NE	NE	N	131.5	198.6	224.4	109.9	664.4	7	Ci.	Cu.	5	A.-Cu.	Cu.
28	N	NE	NE	NE	N	NE	121.8	188.9	162.6	112	585.3	4	Ci.	Cu.	7	A.-Cu.	Cu.
29	NE	N	N	NE	NE	N	108	140	164.4	109.7	522.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	NE	N	NE	NE	N	N	117.2	168.4	230.7	121	637.3	9	Ci.-S.	Cu.	9	Ci.	Cu.
31	N	N	NE	NE	NE	N	127.7	188.4	216.8	127.3	660.2	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	91.6	120.9	144.7	89.7	447	6.2	------	------	5.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	13,855.7	------	------	------	------	------	------

ILOILO.

[ϕ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.51	62.39	63.65	61.11	61.83	63.05	25	23.4	26.8	28.2	27.2	26.2	28.2	23.3	80	84	69	60	63	63	------
2	61.67	62.32	62.93	60.12	60.55	61.78	24.8	24	26.9	28.5	27.2	26.2	28.7	23.2	69	72	65	54	65	76	------
3	60.52	60.44	61.69	59.19	59.35	60.75	25	24.6	25.9	27.5	26.4	25.6	27.7	24.4	74	77	75	73	73	78	------
4	59.79	59.96	60.76	58.64	59.38	60.02	24.8	24.3	27	27	26	25	28	23.8	80	81	70	74	76	80	------
5	59.79	60.06	61.20	58.78	59.23	60.90	24.8	24.1	26.2	27.9	27.4	25.8	28.6	23.7	82	86	82	68	75	82	------
6	60.11	60.23	61.22	58.81	59.67	61.27	25.2	24	27.7	29.3	27.7	27	29.8	23.7	86	90	68	66	70	78	------
7	60.15	60.37	61.41	59.32	59.55	60.58	25.6	24.7	27.6	29	28.5	26.2	29.3	24.4	84	85	66	53	57	69	------
8	59.97	59.91	61.30	58.81	59.28	60.65	24.6	23.3	26.8	29.2	28.6	25.4	29.5	23.1	75	83	67	57	59	76	------
9	60.23	60.57	61.57	59.13	59.41	60.35	24	23.7	27.5	29	28.6	25.4	29.7	23.4	83	84	66	49	54	67	------
10	59.81	60.86	62.02	59.40	59.67	61.26	23.7	23.4	27.5	29.9	28.3	26	30.5	23.1	77	82	69	53	63	76	------
11	60.39	60.62	62.07	60.10	60.19	61.37	24.8	24.4	27.6	29	28.1	25.2	29.2	23.8	81	87	71	67	56	79	------
12	60.79	61.74	62.57	59.81	60.63	61.76	24.8	24.6	25.3	29	24.6	24.1	29.5	23.9	85	85	77	55	87	88	------
13	60.87	61.24	62.33	60.27	60.95	62.47	23.5	23.8	26.6	27.2	25.8	24	27.5	23.2	89	91	74	73	72	83	------
14	61.53	62.47	63.71	61.63	62.08	63.55	23.4	23.5	26	28.2	27.7	26.4	28.6	23.4	87	87	79	63	64	73	------
15	62.44	62.26	63.35	61.43	62.27	63.98	25	24.3	27.3	28	27.4	24.4	29.4	23.6	80	84	65	59	58	74	------
16	63.39	63.32	64.48	61.79	61.49	62.81	23	22.5	27.4	28.5	27.4	24.6	29.7	22.4	84	87	66	53	67	79	------
17	61.34	61.62	62.27	59.89	60.50	61.72	24.4	23.5	27	28.7	27	24	29.6	23	78	84	66	56	66	74	0.8
18	60.89	60.47	61.65	59.03	58.88	59.92	22.6	22	28	29.8	27.3	24	30.6	21.5	79	82	54	42	59	70	------
19	59.04	59.61	60.76	58.26	59.25	59.78	23.5	22.5	28.1	29.5	26.8	25	30.3	22.2	78	83	60	51	68	79	------
20	58.29	58.14	59.44	57.06	57.86	59.02	24.4	23.6	28.1	29.4	27.5	25.2	30.9	23.4	82	86	68	59	74	83	------
21	58.54	58.55	59.62	57	57.76	59.22	24	23.6	28.1	31.4	28.6	26.5	31.9	23.4	90	91	71	52	63	74	------
22	58.12	58.20	59.17	56.64	56.96	58.66	25	24.4	28.8	29.7	28.5	25.1	30.8	24	81	84	69	64	64	80	------
23	57.89	58.40	59.39	56.70	57	58.65	24.1	23	27.9	30	28.1	24.2	30.9	22.4	86	90	69	54	56	75	------
24	57.82	58.23	59.36	57.54	58.13	59.31	23.8	23.3	28.7	29.2	27.1	24.2	30.5	23	81	89	62	65	75	91	------
25	58.99	59.09	60.46	58.27	58.31	59.78	24	24.4	28.4	29.9	28.6	25.2	30.8	23.9	91	90	70	57	60	81	------
26	58.89	58.88	60.01	57.80	57.95	59.30	24.5	23.6	28.6	29	27.4	23.8	30.4	23.5	86	90	60	58	65	77	------
27	58.79	59.18	59.91	57.15	57.16	58.78	22.6	22.7	28.6	29	27.1	24.6	30.2	22	83	83	64	60	72	74	------
28	58.29	58.35	59.66	57.67	58.14	59.63	24.2	24	28.4	30	28	25.5	31	23.9	80	84	65	54	66	80	14.5
Mean	59.99	60.27	61.36	58.98	59.41	60.73	24.3	23.7	27.5	29	27.5	25.2	29.7	23.3	81.8	85	68.1	58.9	66	77.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	15.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NNE	NE	NE	NE	123.1	167.4	202.8	188.2	681.5	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
2	N	N	N	NE	NE	N	124.7	178.9	155.5	96.4	555.5	7	Ci.	Cu.	8	Ci.-S.	Cu.
3	N	N	N	N	N	NNE	137.4	177.1	151.8	111.5	577.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
4	N	N	NNE	NE	NE	N	87.9	117.8	168.5	86.1	460.3	5	Ci.	Cu.	10	Ci.-S.	Cu.
5	N	N	NNE	NE	N	N	75.4	116.7	142.1	76.9	411.1	8	Ci.-S.	Cu.	9	Ci.	Cu.
6	N	N	NE	NE	NE	NE	68.6	83.4	124.2	74.3	350.5	2	Ci.	Cu.	4	Ci.	Cu.
7	N	N	NE	NE	NE	N	63.8	138.4	160.4	70.6	433.2	3	Ci.	Cu.	2	Ci.	Cu.
8	N	N	NE	N	NE	N	69.2	97.2	121	57.1	344.5	2	Ci.	Cu.	6	Ci.	Cu.
9	N	N	NE	NE	NE	N	67.4	123.7	159.8	67	417.9	4	Ci.	Cu.	2	------------	Cu.
10	N	N	NE	NE	NE	N	82.9	107.5	124.1	93.5	408	5	Ci.	Cu.	3	------------	Cu.
11	N	NE	NE	NE	NE	N	80.7	117.3	141.9	103.6	443.5	8	Ci.-S.	Cu.	7	Ci.	Cu.
12	N	N	NE	NE	NE	N	81.1	126.1	174.1	125.7	507	7	Ci.-S.	Cu.	4	Ci.	Cu.
13	N	N	NE	NE	NE	N	100.8	145.8	189.8	122	558.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu.
14	N	N	NE	NE	NE	N	109.7	138.9	182.2	99.2	530	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
15	N	N	NE	NE	NE	NE	107.6	154.7	193.2	73.5	529	8	Ci.-S.	Cu.	6	Ci.	Cu.
16	NE	N	NE	NE	NE	NE	85	146.6	196.1	112	539.7	1	------------	Cu.	3	Ci.	Cu.
17	NE	N	NE	NE	NE	N	136	195	218.6	99.2	648.8	5	Ci.-S.	Cu.	3	Ci.	Cu.
18	N	N	NE	NE	NE	N	110.5	164.4	191.3	119.3	585.5	1	------------	Cu.	2	------------	Cu.
19	N	N	NE	NE	NE	N	156.9	174.7	189	107.3	627.9	2	Ci.	Cu.	6	Ci.	Cu.
20	N	NE	NE	N	N	N	129.8	158	144	111.3	543.1	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
21	N	N	NE	NE	NE	NE	102	126.6	173.2	148.7	550.5	4	Ci.-S.	Cu.	1	------------	Cu.
22	N	N	NE	NE	NE	N	96.3	133.3	166.2	102.7	498.5	5	Ci.-S.	Cu.	7	Ci.	Cu.
23	N	N	NE	NE	NE	N	96.9	138.4	159	81.9	476.2	3	Ci.	Cu.	1	------------	Cu.
24	N	N	NE	NE	NE	N	110.5	140.3	141.3	92.3	484.4	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.
25	N	N	NE	NE	NE	N	89.6	126.6	155.9	77.9	450	9	Ci.-S.	Cu.	4	Ci.	Cu.
26	N	N	NE	NE	NE	NE	93.8	123.7	156.3	84.2	458	2	Ci.	Cu.	4	Ci.	Cu.
27	N	NE	NE	NE	NE	N	64.2	117.2	153.9	96.8	432.1	2	Ci.	Cu.	8	Ci.	Cu.
28	N	N	NE	NE	NE	N	101.4	126.8	159	109.4	496.6	8	Ci.-S.	Cu.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	98.3	137.9	164.1	99.6	500	5.1	------------	------------	5.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	13,999.5	----	------------	------------	----	------------	------------

ILOILO.

[ϕ= 10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6.5 meters ; gravity correction not applied, —1.84 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.03	60.26	61.68	58.72	59.20	60.74	23.6	22.3	25.1	28.5	27.3	24.6	29.3	21.8	90	97	81	70	74	88	17
2	60.07	60.26	60.95	58.13	58.37	59.92	23.5	23.3	26.6	29.1	27	24.2	29.7	22.9	90	91	79	58	70	85	5.1
3	59.19	59.23	60.26	57.63	57.62	59.70	23.8	23.5	28	28.6	28	24.8	29.6	22	88	87	63	58	60	79	------
4	58.93	59.05	60.01	57.09	57.54	59.37	23.8	23.7	28.7	29.7	28.2	24.7	30.4	23.6	86	86	61	54	60	81	------
5	58.39	58.80	59.96	57.12	57.67	58.95	24	23.5	28.5	30.5	28	25.2	31.1	23.2	90	90	67	52	67	74	------
6	57.90	58.70	59.60	57.05	57.40	59.75	24.2	23.5	28.2	30.5	29.5	25.3	31.2	23.2	82	91	69	51	54	85	.8
7	58.22	58.59	59.38	57.35	57.63	58.38	24.8	23.9	27.9	27.5	27.5	26	30.4	23.6	89	91	69	77	77	80	------
8	57.32	57.49	58.42	56.07	56.41	57.74	24.6	23.6	28.5	30.1	28.8	26.5	31	23.4	85	90	69	60	65	76	------
9	56.80	56.93	57.85	55.19	55.83	57.42	25.6	25	29.1	31.5	29.5	26.8	33	24.7	79	88	69	54	63	74	------
10	56.87	57.60	58.80	57	57.21	58.88	25.6	24.5	29.9	31	28.9	26	31.3	23.9	82	92	61	58	55	69	------
11	58.18	58.58	59.54	56.95	57.43	59.10	25	24	29.5	30.6	29.7	26	32.1	23.5	87	91	58	60	62	80	------
12	58.04	58.74	59.37	56.45	56.67	58.55	24.8	24	30	32.5	29.4	26.1	32.8	23.6	85	91	65	52	62	74	------
13	57.83	58.49	59.26	56.71	57.70	58.82	24.9	24	29.6	30.6	25.6	26	32	23.9	79	81	70	67	75	83	------
14	58.14	59.17	59.95	57.05	58.09	60.30	24.8	24.1	30.2	30.8	29.1	25.5	32.5	23.6	85	83	65	62	67	79	------
15	59.40	59.47	59.67	57.70	57.49	59.10	21.6	24.4	29.8	30.8	29.4	26	31.6	24.3	87	87	58	51	62	78	------
16	58.10	58.77	59.50	57	57.40	59.29	24.6	24.3	29.5	31.3	29	25.8	31.9	23.7	87	82	58	48	58	71	------
17	58.54	58.94	59.91	57.06	57.31	59.07	25.5	24.5	28.6	30.5	29.1	26.3	31.6	24.3	80	88	63	56	64	73	------
18	58	58.71	59.77	57.69	57.54	58.97	25	24.5	29.2	31.5	29.5	25.4	32.1	23.8	85	89	62	52	58	71	------
19	57.77	58	59.12	58.14	57.88	59.20	24.8	25	28.9	25.7	26.1	25	29.8	24.3	83	87	66	86	83	88	1
20	58.22	58.70	60.63	58.04	57.77	59.71	25	23.9	28.5	30	28.5	26	30.4	23.5	83	84	70	60	61	78	------
21	58.54	58.49	59.22	56.84	56.90	58.36	24.5	23.4	28.6	30.3	28.5	25.2	31	23.2	83	88	57	42	50	63	------
22	57.77	58.13	59.36	57.05	56.91	58.35	22.8	21.5	29	32.1	28.8	25.5	32.8	21.2	71	78	64	51	69	76	------
23	57.27	57.38	58.61	56.56	56.69	58.69	23.8	23.9	29.2	32	29.7	25.6	32.5	23.5	78	81	64	37	40	64	------
24	58.39	58.65	60.19	58.16	58.27	60.25	24.8	24	29.8	31.5	29.2	24.6	32.2	23.4	80	87	62	46	50	63	------
25	59.66	59.89	60.94	58.59	58.21	60.17	23	23	29.5	30.2	28.7	25.5	31.9	22.1	79	86	56	56	63	70	------
26	59.04	59.35	60.75	58.47	58.34	60.11	24.5	23.8	29	30.2	28.6	25	31	23.5	81	89	58	48	52	70	------
27	59.85	60.36	61.23	58.65	59.43	61.25	24	22.4	27.6	29.5	27	25	30	21.9	75	77	61	60	78	81	------
28	60.34	60.44	61.15	59.02	59	60.53	24	23	29.5	30	28.6	25.5	30.7	22.5	83	90	56	57	63	77	------
29	59.64	60	60.84	58.32	58.30	60.42	25	25	29.4	31	29.4	25.4	31.8	24.3	82	87	61	44	50	66	------
30	59.63	59.83	61.06	58.87	59.06	60.52	24.4	23.5	29	30.3	28.5	25	31	23.1	82	87	52	46	57	74	------
31	59.57	59.73	60.79	58.46	58.44	60.45	24	23.6	29.2	31	28.9	25	31.7	23.4	86	89	63	38	53	67	------
Mean	58.54	58.93	59.93	57.52	57.73	59.42	24.4	23.8	28.8	30.3	28.5	25.5	31.3	23.3	83.3	87.3	63.8	55.2	62	75.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	23.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	E	NE	NE	97.7	120.5	151.3	89.6	459.1	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
2	NE	NE	NE	NE	NNE	N	85.9	127.1	163.9	88	464.9	3	Ci.-S.	Cu.	8	Ci.	Cu.
3	NE	NE	NE	NE	NE	NE	81	119.9	144.5	83.5	428.9	10	Ci.-S.	Cu.	3	Ci.	Cu.
4	N	N	NE	NE	NE	N	104.6	143.4	146.2	79.5	473.7	3	Ci.	Cu.	8	Ci.	Cu.
5	N	N	NE	NE	NE	N	86.3	94.6	121.5	74	376.4	7	Ci.	Cu.	4	Ci.	Cu.
6	N	N	NE	NE	NE	N	79.7	102.8	135.5	76.4	394.4	6	Ci.-S.	Cu.	2	Ci.	Cu.
7	NE	N	E	E	NE	N	64.9	67.4	95.3	48.5	276.1	3	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
8	N	N	NE	NE	NE	N	52.6	69	115.4	87.7	324.7	9	Ci.-S.	Cu.	7	Ci.	Cu.
9	N	NE	NE	NE	NE	N	64.9	104.8	147.6	90.9	408.2	7	Ci.	Cu.	7	Ci.	Cu.
10	N	N	NE	NE	NE	N	78.3	117.5	167.1	114.1	477	8	Ci.	Cu.	5	Ci.	Cu.
11	N	N	NE	NE	NE	N	100.4	126.5	139.2	88.3	454.4	1	------------	Cu.	8	Ci.	Cu.
12	N	N	NE	NE	NE	N	74.5	81.1	107.8	82.9	346.3	2	Ci.	Cu.	3	Ci.	Cu.
13	N	N	E	E	N	N	80.8	79.7	99.5	26.8	286.8	4	Ci.	Cu.	8	Ci.-S.	Cu.
14	NE	NE	NE	NE	NE	N	39.2	86.1	138.1	67	330.4	3	Ci.	Cu.	6	Ci.	Cu.
15	N	N	NE	NE	NE	N	97.1	170.8	216	127.9	611.8	3	Ci.	Cu.	2	Ci.	Cu.
16	N	N	NE	NE	NE	N	138.6	180.2	170.7	97.9	587.4	3	Ci.-S.	Cu.	2	------------	Cu.
17	N	N	NE	NE	NE	N	128.4	142.9	148.4	84.2	503.9	8	Ci.-S.	Cu. NE	7	Ci.	Cu.
18	N	N	NE	NE	NE	N	89	152.9	170.1	88.7	500.7	8	Ci.-S.	Cu. NE	2	Ci.	Cu.
19	N	N	NE	N	N	N	130.4	151.5	118	104.3	504.2	6	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N.
20	N	N	NE	NE	NE	N	93.3	138.7	139.4	75	446.4	4	Ci.	Cu.	10	Ci.-S.	Cu.
21	N	N	NE	NE	NE	N	74.8	130.7	129.3	------	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22	NE	Calm	E	S	NE	N	------	------	67.4	86.1	------	7	Ci.	Cu.	8	A.-Cu.	Cu.
23	N	N	NE	NE	NE	N	91.9	143.7	174.2	99.3	509.1	2	------------	Cu.	2	------------	Cu.
24	N	N	NE	NE	NE	N	96.1	114.5	162.8	95.8	469.2	3	Ci.	Cu.	4	A.-Cu.	Cu.
25	NE	N	NE	NE	NE	NE	84.7	148.1	181.6	111.5	525.9	1	------------	Cu.	5	Ci.	Cu.
26	N	N	NE	NE	NE	N	120.4	167.2	217.6	98.2	603.4	3	Ci.-S.	Cu.	1	Ci.	Cu.
27	N	N	NE	NE	NE	NE	87.2	131.7	157.4	67	443.3	2	Ci.	Cu.	6	Ci.	Cu.
28	N	N	NE	NE	NE	N	83.1	130	135.5	98.2	446.8	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.
29	N	N	NE	NE	N	N	87.5	146.4	190.3	112	536.2	1	Ci.-S.	Cu.	7	Ci.	Cu.
30	N	N	NE	NE	NE	N	103.8	167.6	183.3	107.8	562.5	7	Ci.-S.	Cu.	7	Ci.	Cu.
31	N	NE	NE	NE	NE	N	107.3	140.2	161.3	66.6	475.4	9	Ci.-S.	Cu.	6	Ci.	Cu.
Mean	------	------	------	------	------	------	90.1	126.6	148.3	87.3	456.1	5.1	------------	------------	6	------------	------------

ILOILO.

[ϕ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.56	59.60	60.24	57.65	58.24	59.40	23.5	23.2	29.4	31.5	29.6	25.5	32.1	23	83	86	58	48	55	79	------
2	58.58	59.37	59.69	56.75	57.04	59.06	24.8	24	29.7	31.3	29.5	25.2	32.2	23.8	82	87	57	43	48	76	1
3	58.06	58.55	59.55	57.10	57.57	59.56	23.6	24	28.5	30.7	28.1	24.6	31.5	23	83	92	60	42	54	74	------
4	58.80	59.07	60.01	57.67	57.94	60.36	23.5	23.5	28.3	31.9	29.1	25.7	32	23	80	82	67	46	55	67	------
5	59.44	59.10	60.26	57.96	57.96	59.97	25	24.1	27.5	29.3	27.9	23.8	29.6	22.8	80	86	69	54	51	71	------
6	58.73	58.86	59.67	56.95	57.11	58.81	22.8	22.8	29.1	30.2	28.5	26.5	31.7	22.3	76	84	62	52	62	70	------
7	58.04	58.08	58.92	56.73	57.85	59.37	25.5	24.4	29.6	32	29	26.8	33	24.1	80	84	63	46	64	65	.5
8	58.20	58.19	59.52	57.04	58.27	59.95	25	24.2	29.2	31.1	28.7	26.2	31.6	24	83	85	67	52	49	64	------
9	58.53	58.96	59.90	57.51	57.99	59.55	24.2	23.3	29.7	30.6	28.5	25.2	31.8	22.7	75	83	60	47	60	66	------
10	58.54	59.08	60.45	57.68	57.46	59.16	24.3	24.4	24.2	29.7	28.1	25.6	30.1	23.7	78	83	98	62	67	79	3.3
11	58.47	58.54	59.12	56.70	57.52	59.08	24.4	24.1	30.1	30.1	29.1	26.7	31.8	23.8	78	83	62	61	67	75	------
12	58.14	58.55	59.26	56.85	57.91	59.84	25	24.3	29.5	32	25.7	25.9	32.5	23.7	87	89	65	58	90	88	39.7
13	59.08	59.17	60.12	57.42	58.47	60.16	25.8	25.5	28.6	29.7	27	25	31	24.4	88	87	74	70	84	90	------
14	59.27	59.47	60.50	58.24	59.43	60.25	24.8	24.8	29.8	29.1	25.8	25	31.8	24	90	88	66	71	89	92	------
15	58.59	58.87	59.81	57.45	59.23	59.77	24.2	23.8	29.1	26	24	23.8	32.2	23.5	97	92	70	78	91	93	11.1
16	58.07	58.49	59.20	56.53	57.48	60.05	23.6	23	30	30.5	28.1	25	31.4	22.8	91	94	68	67	70	96	17.5
17	59.18	59.30	59.49	57	57.82	60.23	24.6	24.5	28	31.2	28.5	23.7	32	23.5	91	91	80	60	81	91	8.6
18	59	59.27	60.52	58.17	58.71	60.26	23.8	23.5	29.8	30	27	25.8	32	23	90	93	65	71	80	89	------
19	59.17	58.57	59.32	57.35	57.93	59.99	24.8	25	29.5	31.6	30.2	27	32.3	24.2	90	88	66	54	60	74	------
20	59.04	59.22	59.92	57.76	57.84	60.21	24.8	24.7	30.3	31.5	29.5	27.6	32	24.3	81	88	61	59	64	74	5.3
21	59.02	59.32	60.10	57.51	58	59.82	25.2	25	29.8	31	29.5	26.7	31.6	24.3	90	90	67	63	66	78	------
22	58.98	59.08	59.65	57.45	57.60	59.03	26	25.5	29.6	31.3	30	27	32	25	82	84	63	54	58	69	------
23	58.38	58.32	58.79	56.38	56.34	57.76	26	25	29.7	31	29	27	31.6	24.8	82	91	64	56	68	77	------
24	57.02	57.12	57.94	55.55	55.81	58.05	26	25.1	29.9	30.8	30	26.8	31.7	24.6	84	87	60	56	56	77	------
25	57.28	57.40	57.64	55.50	56.12	57.86	25.8	25.2	30.2	30.7	29.5	26.8	31.5	24.5	85	87	67	65	61	76	------
26	57.48	57.85	58.62	56.10	56.58	57.85	26	25.2	30.1	31.7	29.4	26.8	32.2	25	84	88	58	47	60	74	.8
27	57.04	57.49	58.20	56.31	57	58.06	26	25	29.9	31.4	29.9	27	32.2	24.5	87	90	58	43	63	80	1.3
28	56.72	56.98	57.72	55.55	56.71	58.05	25.5	25.1	30.2	31.5	27.7	26.7	32.4	24.5	88	88	64	59	79	86	.5
29	56.98	57.39	58.02	55.66	56.25	57.62	26	25.7	30.1	31.5	29.5	26.5	32	25.5	89	90	64	59	64	82	------
30	56.87	57.31	57.94	55.39	55.88	57.26	26	25.3	30.1	30.8	29.8	26.5	32.3	25.1	88	89	60	56	58	80	------
Mean	58.34	58.55	59.34	56.93	57.54	59.21	24.9	24.4	29.3	30.7	28.5	25.9	31.8	23.9	84.7	87.6	65.4	56.6	65.8	78.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	89.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	NE	NE	N	95.8	161.3	165.8	88.8	511.7	4	Ci.-S.	Cu.	4	Ci.	Cu.
2	N	N	NE	ENE	NE	N	98.8	126.3	147.9	93.5	466.5	8	Ci.-S.	Cu.	2	Ci.	Cu.
3	N	N	NE	NE	NE	N	85.5	114	163.1	91.2	453.8	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
4	N	N	NE	NE	NE	N	99.8	127.7	159.3	98	484.8	4	Ci.	Cu.	8	Ci.	Cu.
5	N	N	NE	NE	NE	N	107.5	134.4	141.1	79.9	462.9	10	Ci.	Cu.	8	Ci.	Cu.
6	N	Calm	NE	NE	NE	N	84.8	77.7	124.7	84.7	371.9	7	Ci.-Cu.	Cu.	9	Ci.	Cu.
7	N	N	NNE	NE	NE	NE	78.9	95.6	110.8	58.1	343.4	6	Ci.	Cu.	7	A.-Cu.	Cu.
8	NE	N	E	NE	NE	N	63.8	87.4	142.2	76.2	369.6	6	Ci.-S.	Cu.	4	Ci.	Cu.
9	N	N	NE	ENE	NE	N	82.3	117.8	141.9	95.6	437.6	2	Ci.	Cu.	7	Ci.-Cu.	Cu.
10	N	N	NE	NNE	NE	N	86.6	86.1	100.9	74.6	348.2	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
11	N	N	NE	ENE	ESE	N	102.2	135.2	107	76.9	421.3	8	Ci.-S.	Cu.	8	Ci.	Cu.
12	N	NE	NE	NE	W	E	62.3	90.3	79.1	37.3	269	6	Ci.	Cu.	9	Ci.	Cu.
13	N	Calm	Calm	NE	N	Calm	22.8	28.5	31.2	31.9	114.4	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
14	Calm	Calm	NE	SW	NE	NE	15	35.2	62.6	33	145.8	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
15	Calm	NE	E	SE	NE	NE	18.3	47.2	67	36.4	168.9	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
16	NE	NE	Calm	SW	SE	N	28.5	25.1	75.6	68.2	197.4	3	Ci.	Cu.	5	Ci.	Cu.
17	Calm	Calm	E	E	SW	W	20.9	51.8	44.9	65.8	183.4	10	Ci.-S.	Cu.	5	Ci.	Cu.
18	Calm	NW	E	NE	N	N	24.3	27.2	64.9	57.7	174.1	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
19	NE	N	NE	NE	NE	N	44.8	112.3	129.3	72.7	359.1	8	Ci.-S.	Cu.	5	Ci.	Cu.
20	NE	NW	NE	NE	NE	N	61.4	101.4	111.8	100.8	375.4	6	Ci.	Cu.	3	Ci.	Cu.
21	N	N	NE	NE	NE	N	75	123.6	151.9	80	430.5	3	Ci.-S.	Cu.	4	Ci.	Cu.
22	N	N	NE	NE	NE	N	88.8	146.6	162.8	90.6	488.8	6	Ci.	Cu.	2	Ci.	Cu.
23	N	N	NE	NE	NE	N	105.9	145.1	171.7	110.2	532.9	3	Ci.	Cu.	3	Ci.	Cu.
24	N	N	NE	NE	NE	N	102	140.3	159.3	114.9	516.5	2	Ci.	Cu.	3	Ci.	Cu.
25	N	N	NE	NE	NE	N	97.7	138.2	151.8	108.1	495.8	3	Ci.	Cu.	3	Ci.	Cu.
26	N	N	NE	NE	NE	N	109.7	160.8	159.7	105.1	535.3	3	Ci.	Cu.	8	Ci.	Cu.
27	N	N	NE	NE	N	N	102.8	161.4	174.7	110.2	549.1	6	Ci.-S.	Cu.	5	Ci.	Cu.
28	NE	N	NE	NE	E	N	93.5	153.9	141.3	74.2	462.9	6	Ci.-S.	Cu.-N.	5	Ci.	Cu.
29	N	N	NE	NE	NE	N	91.5	150.8	164.7	89.5	496.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
30	N	N	NE	NE	NE	N	111.2	144	145.8	87.5	488.5	6	Ci.	Cu.	9	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	75.4	108.2	125.2	79.7	388.5	6.2	------------	------------	6.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	11,656	----	------------	------------	---	------------	------------

ILOILO.

[φ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.29	56.74	57.53	55.84	55.90	57.82	25.4	25.5	30	30.9	29.7	25.5	32	24.7	84	88	62	54	57	73	------
2	57.25	56.95	57.68	55.73	56.19	58.35	25	24.4	29.4	30.8	29.1	26.4	31.5	23.6	82	84	66	54	68	77	------
3	57.56	57.79	58.67	57.53	57.52	59.12	25.1	25	28.9	26	25	25	30.1	24.1	92	83	71	86	96	92	6.1
4	57.77	57.35	58.15	55.71	55.83	57.36	24.8	24.7	29.9	31	29.5	27.3	32.1	24.1	92	91	60	60	61	75	------
5	56.07	56.07	56.85	54.34	53.96	55.40	26	25.3	29	30.1	28.5	26.7	32.2	24.4	84	91	71	68	70	82	2.8
6	52.99	53.20	55.57	54.44	55.25	57.28	26.5	25.6	24.6	23.9	25.5	25.1	26.8	22.5	80	87	98	97	88	91	78.4
7	56.47	57.07	58.36	56.94	57.24	59.13	25	24.7	26.4	26.9	27	26.5	27.9	24.1	92	94	88	85	85	86	------
8	57.50	57.60	57.85	56.32	57.06	58.94	25.8	24.2	29.8	29.5	27.7	27.1	30.5	24.1	92	97	65	73	79	83	------
9	57.22	57.34	58.17	56.53	57.21	58.84	26.2	25	29.3	29.3	28	27.2	30.3	24.5	89	92	76	78	82	84	1
10	57.36	57.71	58.86	56.96	57.21	59.02	26.2	26.3	29.4	29.9	28.3	27.6	30.5	25.4	89	93	76	72	80	80	2.8
11	58.20	58.80	59.39	57.57	58.50	60.11	27	26.5	29.7	29.8	28.5	27.5	30.5	26.1	84	88	73	74	81	86	------
12	59	59.76	59.99	57.75	58.18	59.93	25.6	25.7	30	31.5	29.4	28.3	31.9	24.5	91	86	70	63	72	80	------
13	59.28	59.41	59.48	56.61	57.60	59.17	27.2	26	30.5	31.1	29.7	27.2	33.3	25.7	87	93	68	69	74	78	------
14	58.25	58.32	58.62	56.07	57.05	58.39	26	26	31	31	28.9	27.2	32.4	25.5	81	84	65	63	68	81	3
15	57.85	58.23	59.28	57.02	57.99	60.05	26.4	26	29.3	30.1	28.5	28.1	31	25.5	86	88	74	71	78	77	------
16	58.86	59.60	59.83	57.19	58.42	60.57	26.6	25	29.5	31	29.7	25.2	31.5	24.4	87	88	72	65	74	82	------
17	59.70	59.86	60.56	58.09	58.73	60.30	24	24.2	30.5	32.6	30	27.5	33.7	23.5	83	82	60	52	69	80	------
18	59.19	59.77	60.06	57.97	58.30	60.32	25.4	25	29.5	32.5	30.1	27.3	33	24.8	79	76	76	52	55	80	------
19	59.29	59.33	60.07	58.24	58.04	59.52	26.1	25	26	26.1	26.5	25.4	27.6	24.6	79	86	84	79	76	84	1
20	58.62	58.85	59.60	57.40	57.13	58.90	24.5	25	30.5	33	30.3	27	33	23.9	86	83	62	51	62	78	------
21	57.94	58.23	58.32	56.57	57.05	59	25.8	25.9	30.4	31.5	30.1	27.9	32.1	24.1	84	88	64	56	64	77	12.4
22	57.97	58.09	58.50	56.40	56.96	58.71	25	25.2	29	31.1	29.9	26.5	32	24.1	92	88	74	60	65	83	------
23	57.92	57.45	57.60	55.85	56.58	57.70	25.4	24.9	29.9	32.2	29.9	26.9	32.4	24.5	90	88	66	51	65	78	------
24	56.98	57.16	58.06	56.44	56.67	58.27	25.6	25	29.6	30.1	27.7	25.8	32	24.8	83	87	64	64	72	86	19.5
25	58	59.08	59.51	57.76	58.11	59.66	24.2	23	26.9	27.8	27.5	26	29.3	22.9	90	97	84	74	81	89	.5
26	58.52	58.82	59.29	58.01	58.56	59.91	25.4	25.2	29.7	28	26.8	26.4	31	24.8	91	92	67	81	78	79	10.2
27	58.92	59.11	59.52	57.34	57.66	59.01	25.4	25.5	30.3	29.6	28.1	26.4	31.4	24.3	85	88	67	70	77	89	7.1
28	58.21	58.36	58.70	56.46	56.69	58.99	25.3	24	29.6	31.9	29.5	24.5	32.1	23.5	91	95	70	59	75	98	11.7
29	57.25	57.82	58.46	56.34	56.90	58.52	24.4	25	30	31.9	29.9	27.6	32.1	24.1	89	92	71	61	69	76	------
30	57.82	58.56	59.02	56.64	57.11	58.99	26.2	25.8	30.4	31.8	29.9	27.3	32.4	25.4	85	89	63	54	62	75	------
31	58.06	58.48	59.20	56.92	57.43	58.05	25.5	26	30.5	32	29.6	27	32.2	25.3	86	91	64	54	70	81	------
Mean	57.82	58.09	58.73	56.74	57.19	58.88	25.6	25.2	29.3	30.2	28.7	26.7	31.3	24.4	86.6	88.7	70.7	66.1	72.7	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	156.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	88.8	132	133.6	78.3	432.7	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
2	N	N	NE	ENE	NE	N	91.2	117	133.1	83.9	425.2	4	Ci.	Cu.	9	Ci.	Cu.
3	N	N	NE	N	N	N	57.6	90.3	85.8	77.9	311.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
4	NE	NE	NE	NE	N	N	57.1	105.6	101.1	57.3	321.1	7	Ci.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
5	NE	NE	N	W	N	W	38.3	104	96.1	70.5	308.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6	SW	SW	SW	SW	S	SE	104.1	151.5	142.9	105.1	503.6	10	Ci.-S.	Cu.-N.	10	------------	N.
7	S	SW	SW	SW	SW	S	46.7	57.7	99.3	35.2	238.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
8	S	Calm	SW	SW	SW	SW	21.1	56.5	100.6	55.7	233.9	6	Ci.	Cu.	8	Ci.	Cu.
9	S	Calm	SW	SW	SW	SW	19.1	78.4	125.3	81.9	304.7	8	Ci.	Cu.	8	Ci.	Cu. SW
10	S	SW	SW	SW	SW	SW	54.7	70	103.8	83.7	312.2	8	Ci.-S.	Cu.	6	Ci.	Cu.
11	SW	SW	SW	SW	SW	SW	48.9	73.2	103.6	42	267.7	6	Ci.	Cu.	2	Ci.	Cu.
12	Calm	Calm	SW	SW	SW	SW	19.5	41.2	80	40.4	181.1	2	Ci.	Cu.	4	Ci.	Cu.
13	NE	N	E	SW	SSW	NE	37	40.4	78.9	50.4	206.7	5	Ci.	Cu.	3	Ci.	Cu.
14	N	Calm	NW	SW	N	NE	31.4	34.1	76.1	41.2	182.8	3	Ci.	Cu.	3	Ci.	Cu.
15	NE	Calm	SW	SW	SW	SW	22.5	70.2	122.8	78.3	293.8	6	Ci.	Cu.	2	Ci.	Cu.
16	Calm	NW	SW	SW	SW	NE	20.4	49.6	94.3	60.7	225	3	Ci.	Cu.	2	Ci.	Cu.
17	N	N	NE	E	N	N	23.5	42.1	79.7	28.5	173.8	6	Ci.	Cu.	10	Ci.-S.	Cu.
18	N	N	NE	NE	NE	N	29.2	76.6	96.6	73.4	275.8	7	Ci.	Cu.	8	Ci.	Cu.
19	N	N	NE	N	NE	N	72.2	76.6	78.6	52.6	280	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
20	N	N	NE	NE	NE	N	49.7	89.6	109.4	97.2	345.9	6	Ci.	Cu.	4	Ci.	Cu.
21	N	N	NE	NE	NE	N	87.5	96.6	153.1	97.2	434.4	6	Ci.	Cu.	5	Ci.	Cu.
22	N	N	NE	NE	NE	N	75.6	116.1	110.4	71.9	374	8	Ci.-S.	Cu.	9	Ci.	Cu.
23	N	N	NE	NE	N	N	68.2	95	113.3	72.9	349.4	9	Ci.	Cu.	7	Ci.	Cu.
24	N	N	NE	NE	Calm	N	65	78.4	70.5	28.2	242.1	9	Ci.	Cu.	10	Ci.-S.	Cu.-N.
25	SW	W	W	SW	SE	NW	40.2	29.2	47.2	38.8	155.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
26	NW	N	NE	NW	S	SE	36	56.8	48.9	21.5	163.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	NW	NE	Calm	SW	SW	N	29.8	30.4	67.3	42.4	169.9	8	Ci.	Cu.	7	Ci.	Cu.
28	N	N	N	NE	SW	NE	45.7	43.7	49.1	38.9	177.4	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
29	NW	N	NE	NE	NE	N	30.9	68.4	116.1	73	288.4	2	Ci.	Cu.	5	Ci.	Cu.
30	N	N	NE	NE	NE	NE	71.8	105.7	121.2	67.8	366.5	4	Ci.	Cu.	7	Ci.	Cu.
31	N	N	NE	NE	NE	N	85.5	146.6	186.9	120.1	539.1	6	Ci.	Cu.	6	Ci.	Cu.
Mean	------	------	------	------	------	------	50.6	78.2	100.8	63.4	293.1	7	------------	------------	6.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,085.2	----	------------	------------	----	------------	------------

ILOILO.

[φ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.11	57.59	58.39	56.09	56.18	57.79	26	25.8	31	32.2	30	27.4	32.6	25.4	87	85	60	55	65	78	------
2	57.16	57.47	57.85	55.75	56.67	58.55	26.5	26	31	32.6	30.6	26.7	33	25.5	87	89	65	56	63	86	1
3	57.12	58.38	58.17	55.33	56.77	58.31	26.3	25.7	24.1	28.3	27.4	25.5	28.6	23.2	89	88	89	67	78	88	6.4
4	56.90	57.07	57.89	55.59	55.98	58.26	25	25	30.4	33.3	29.6	27.4	33.7	24.3	88	88	63	50	76	84	4.6
5	57.01	56.76	56.55	54.70	55.20	57.44	25	25.9	30	32	28.5	25.9	32.5	24.6	92	89	67	59	79	85	.5
6	56.40	56.92	57.92	56.19	56.34	58.12	26.5	26.2	27	28.4	28.2	24	29.9	23.3	90	91	87	82	80	97	60
7	57.08	56.74	57.20	55.86	56.22	57.68	24	24.6	29.5	30.1	29	26.5	31.6	23.8	91	92	75	71	74	86	------
8	56.95	57.34	58.02	56.34	57.09	58.60	25.8	26	31	32.5	28.9	27.2	33	25.4	90	88	64	60	76	81	------
9	58.20	58.66	58.47	56.48	57.23	59.01	25	25.5	30.5	32.8	29.9	26.4	33.1	24.5	85	88	65	56	71	85	------
10	58.03	59.05	59.14	56.97	57.83	59.58	26	26	30	31.1	28.2	27.4	31.7	22.9	84	88	68	68	80	84	9.1
11	58.95	59.22	59.64	57.74	57.30	58.74	24.8	25.2	29	29	28.1	26.5	30	24.8	92	93	74	74	80	88	------
12	58.12	59.06	59.16	56.94	57.55	59.09	25.4	25.5	30.8	31	29	27.1	32.3	24.6	90	88	67	64	71	84	2.5
13	58.42	58.61	59.46	57.85	58.49	60.25	25.8	25	28.1	29.4	28.1	26	30	24.4	87	92	81	74	84	85	------
14	58.78	59.04	59.20	56.79	57.81	59.26	25.4	24.3	29.3	32.1	28.1	27	33	23.2	88	89	72	63	73	81	34
15	58.74	58.92	59.21	56.86	57.41	59.41	24.8	24.7	28	29.6	28.5	26	31	23.8	87	94	82	70	78	91	------
16	57.97	58.71	59.26	57.27	57.79	59.85	25.5	25.4	27	28.5	27.7	24.1	29.3	23.9	93	93	85	78	82	95	3.3
17	58.34	58.69	59.41	57.55	58.27	60.17	24.2	24.6	28.2	29.5	28.1	26.5	30.4	23.9	91	93	76	70	74	80	------
18	59.35	59.83	60.28	58.09	58.87	60.30	25.2	24.3	30.5	30.7	28.7	27.3	32	24	88	93	65	65	73	82	2.3
19	59.32	60.58	60.51	59.02	59.58	60.62	26.5	24.6	30.5	27.1	28	26.4	31.3	24.3	85	90	69	78	77	85	5.6
20	59.84	60.41	60.17	58.13	58.44	59.82	25.3	24.8	29	30.9	27.1	26.4	32.5	24.3	83	83	68	69	81	85	------
21	59.45	59.91	59.47	58.23	58.69	59.16	25.2	25.4	29.6	30.1	29.8	26.5	32	24.4	90	89	70	61	67	85	------
22	58.85	59.19	59.55	57.94	58.75	60.36	26.2	24.8	30.1	28.9	28.5	26	30.8	24.5	85	89	71	76	81	88	5.3
23	59.92	59.78	60.38	58.53	58.68	59.94	24.6	24.2	29.2	30.5	29	25.8	31	23.6	93	93	75	68	74	78	------
24	59.45	59.48	60.05	58.07	59.02	60.09	25.2	25.5	29.8	31	26.4	25.6	31.4	24.4	82	89	65	65	82	88	2
25	58.98	59.66	60.26	58.29	58.33	59.74	25.8	24.7	28.5	30	29.5	26.9	31.8	24	89	90	74	65	67	80	------
26	58.84	58.73	58.99	57.31	58.17	59.91	25.2	24.5	29.9	31	27.9	25.5	31.8	24.3	85	84	65	59	78	91	6.3
27	58.74	58.54	59.15	57.27	58.92	59.70	25	25.5	29.8	31.7	26.8	24.9	32	24.4	90	88	69	58	78	89	------
28	58.88	59.77	61.02	58.17	59.45	60.86	25	24.5	28.5	30.5	27	23.5	31.9	22.6	92	92	73	66	84	96	13.2
29	60.07	60.51	61.12	58.50	58.49	59.90	23.5	24.3	28.5	30.5	28.8	26.5	31.9	22.8	94	90	77	66	69	83	------
30	58.82	58.81	58.92	56.25	57.45	58.77	26	25.6	29.6	31.6	27.6	27.1	32.5	25	85	88	70	57	73	78	------
Mean	58.39	58.78	59.16	57.14	57.77	59.31	25.4	25.1	29.3	30.6	28.4	26.2	31.6	24.1	88.4	89.5	71.7	65.7	75.6	85.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	156.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	N	N	95.5	133.3	156.4	90.7	475.9	4	Ci.	Cu.	7	Ci.	Cu.
2	N	N	NE	NE	NE	N	68.2	125.2	131.8	84.8	410	9	Ci.-S.	Cu.-N.	5	Ci.	Cu.
3	N	E	NW	NE	NE	NE	65.7	67.3	77	57.9	267.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
4	NE	N	NE	SE	NE	NE	36.7	61.8	48.9	34.6	182	1	------------	Cu.	7	Ci.	Cu.
5	Calm	Calm	E	NE	SE	NE	21.7	47	105.2	39.7	213.6	8	Ci.-S.	Cu.	6	Ci.	Cu.
6	Calm	Calm	N	NE	E	NE	17.9	49.4	65	55.2	187.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	NW	N	NE	NE	N	Calm	34	75.6	69.2	24.1	202.9	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.
8	NW	N	NE	S	NW	SW	56.9	47.3	56.9	41.5	202.6	2	------------	Cu.	8	Ci.	Cu.
9	W	NW	NE	ENE	Calm	NE	24.4	51.7	69.5	31.7	177.3	6	Ci.	Cu.	4	Ci.	Cu.
10	Calm	Calm	S	SW	SW	SW	25.2	37.8	85.6	79.7	228.3	6	Ci.	Cu. NE	7	Ci.	Cu.
11	Calm	Calm	Calm	SW	SW	W	19.8	23.9	55.2	24.7	123.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
12	W	N	E	SW	S	W	25.7	35.2	52.5	23.1	136.5	7	Ci.	Cu.	7	Ci.	Cu.
13	SW	W	NW	SW	SE	NW	35.4	32.5	66.8	35.4	170.1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
14	W	N	NE	SW	SW	SW	37	47.3	48.9	37	170.2	5	Ci.	Cu.	8	Ci.	Cu.
15	SW	NW	N	SW	SW	NE	39.2	36	69.5	47.5	192.2	10	Ci.-S.	Cu.	8	Ci.	Cu.
16	N	N	SW	SW	S	Calm	31.6	36.7	76.1	40.2	184.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
17	W	W	SW	SW	S	S	20.6	49.1	76.1	27.2	173	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
18	Calm	N	W	SW	S	S	23.1	26.9	65	27.4	142.4	4	Ci.	Cu.	5	Ci.	Cu.
19	SW	NW	E	Calm	N	Calm	26.9	37.3	41.2	22	127.4	6	Ci.	Cu.	8	Ci.-S.	Cu.
20	Calm	N	NE	SW	NW	NW	20.7	40.5	60.9	25.5	147.6	6	Ci.	Cu.	6	Ci.	Cu.
21	NW	NW	NNW	S	Calm	NW	23.1	45.3	32.8	24.7	125.9	10	Ci.-S.	Cu.	8	Ci.	Cu.
22	NW	NW	SW	SW	SW	NW	23	33	60.9	45.1	162	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
23	Calm	Calm	SW	SW	SW	N	23.5	47.2	103.3	47.3	221.3	6	Ci.	Cu.	5	Ci.	Cu.
24	NW	N	SE	SW	NW	NW	20.4	30.9	69.4	20.1	140.8	3	Ci.	Cu.	9	Ci.-S.	Cu.
25	N	N	NE	NE	NE	N	28.7	59.8	108.6	59.5	256.6	7	Ci.	Cu.	9	Ci.-S.	Cu.
26	N	N	NE	NE	N	NE	62.2	68.7	96.1	61.8	288.8	7	Ci.	Cu.	6	Ci.	Cu.
27	NE	Calm	E	SW	N	N	37	33.5	52.6	51.7	174.8	6	Ci.	Cu.	6	Ci.	Cu.
28	Calm	Calm	N	NE	SW	NW	27.6	26.2	47.7	45.7	147.2	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
29	NW	N	N	E	N	Calm	37	52.1	66.6	35.1	190.8	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
30	N	N	NE	NE	S	Calm	56.9	63.9	68.6	24.6	214	7	Ci.	Cu.	4	Ci.	Cu.
Mean	------	------	------	------	------	------	35.5	50.7	72.8	42.2	201.3	7.1	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,037.8	----	------------	------------	----	------------	------------

ILOILO.

[ϕ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.35	58.74	59.61	57.42	57.76	59.36	25.7	24.9	25.2	29	27	26	29.4	24.6	88	92	93	68	88	88	3
2	58.83	59.33	59.84	58.34	59.11	59.83	25.2	24.5	30.2	31	25.1	25.8	31.5	22	92	92	64	58	88	84	8.6
3	59.04	58.38	59.87	57.74	58.61	59.86	24	24	28.6	30.5	26.9	26.5	32.3	23.5	90	88	71	65	77	88	------
4	58.88	58.25	58.79	56.75	57.09	58.57	25	24.5	29.5	28.8	28.1	26.5	31.5	24.2	88	87	72	72	79	87	------
5	57.43	57.42	58.25	56.34	56.62	57.96	25.2	24.5	30	31.1	29	26.5	32	23.9	88	90	64	59	69	82	------
6	57.28	57.04	58.50	57.19	57.91	58.98	26	25.1	28.8	25.1	25.2	25.4	30.7	24.5	87	89	76	95	90	90	18.8
7	58.13	58.45	58.62	57.44	57.89	58.89	24.6	24.5	28.6	28.4	28.1	26.4	29.9	24	92	92	72	72	74	85	1.3
8	58.61	58.21	58.37	56.81	57.46	58.85	25.5	25.2	29	29.9	28.6	28	30.4	24.9	91	89	74	67	71	77	------
9	57.86	58.21	58.50	57.01	57.07	58.41	26.2	26	28.1	28.7	27.8	26.6	29.9	25.5	84	80	74	74	77	83	------
10	57.82	58.16	58.51	57.10	56.70	57.80	26.2	26.1	28	28.3	27.1	27.5	29	25	85	84	65	69	77	73	------
11	57.62	57.79	58.56	56.62	57.15	58.69	26.3	24	28.2	31.3	28	27.5	31.7	23.4	80	91	70	58	71	70	------
12	57.86	58.07	58.57	56.99	57.81	59.31	24.4	24.1	30.2	30.5	26.6	25.3	31.8	23.4	85	86	59	62	81	88	------
13	58.48	58.44	58.47	56.48	56.72	58.22	24.5	24	30	30.1	26	26	31.7	23.9	91	90	64	67	84	84	------
14	56.32	55.88	56.52	54.57	53.45	55.55	25.5	24.7	24.2	26.7	26.6	24.2	27.1	24	88	90	90	89	86	90	44.5
15	53.63	53.36	53.99	52.36	53.04	54.16	24.3	24.2	25.8	26.2	24.8	27	27.1	22.4	87	92	84	82	92	78	45.7
16	53.57	53.62	55.60	54.45	54.81	56.85	27.2	27.4	23.6	28	27.5	25.2	28.1	22.3	79	81	96	77	82	90	37.4
17	56.10	56.08	56.92	55.89	56.20	58.28	27	27.4	29.2	29.9	28.1	25.4	30.2	22.1	82	77	73	69	77	75	19
18	56.97	56.43	57.39	56.39	56.09	58.78	25.5	27.6	29.3	26.6	28.5	24.2	30.2	22.7	88	83	72	90	78	85	14.2
19	57.44	56.53	56.77	56.07	56.35	58.11	25.5	26.5	28.1	29.2	28.1	27.9	30	22.8	86	84	77	76	79	84	15
20	57.42	57.41	57.90	56.80	57.35	58.06	27.6	26.6	29.5	30	28.4	27.7	30.3	24.5	82	87	76	71	78	83	6.9
21	57.26	57.27	58.18	56.89	57.17	58.31	27.5	27.2	28.5	28.5	28.3	26.4	30	25.1	84	84	78	83	80	89	15
22	57.06	57.24	57.45	56.30	56.44	56.92	25.8	25.4	27	26.5	25	25.2	28	24	83	81	82	88	89	90	19.2
23	56.24	55.16	56.09	55.33	55.83	56.89	24.4	26.6	25	24.7	23.5	25.1	27.2	22.6	92	87	92	90	97	88	142.9
24	55.92	56.03	56.73	55.24	55.88	57.06	22.8	25	26.5	27.5	26.5	27.1	28	22.1	98	88	79	79	80	83	9.2
25	56.79	57	57.47	56.16	56.86	59.39	26.2	26.5	27	29.4	28.1	25	30	22.4	85	76	78	78	80	96	26.4
26	58.04	57.45	58.01	56.82	57.43	58.62	24.5	25.1	28.2	29.4	27	26.9	29.5	24	90	87	80	76	92	92	6.3
27	57.41	56.83	57.41	55.77	55.82	57.27	27.2	27.4	28.5	28.6	27	24.3	29	23.7	87	85	80	78	81	89	2.8
28	56.24	55.63	56.20	55.22	55.09	55.68	25.2	26.3	23.2	26.4	27.1	27.5	27.5	22.8	86	82	94	78	80	79	13.7
29	54.17	54.58	55.17	54.38	54.86	56.73	27.2	26	28.6	28.3	26.2	27.5	29	24	81	88	75	82	85	78	33.1
30	55.30	55.94	57.27	55.95	57.02	58.97	27.5	25.6	28.6	29.3	27	25.6	29.9	22.9	84	90	78	76	84	83	13.2
31	57.47	57.40	58.01	56.70	56.92	57.77	25.5	25.4	28.2	29.7	24	26	30.1	22.4	88	87	76	77	85	88	21.8
Mean	57.08	56.98	57.66	56.24	56.60	58	25.7	25.6	27.9	28.6	26.9	26.2	29.8	23.5	86.8	86.4	76.7	75	81.6	84.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	51.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NW	SW	SW	SE	Calm	36.4	53.4	68.7	23.9	182.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
2	Calm	N	E	SW	NE	E	16.4	38.4	58.7	35.4	148.9	7	Ci.-S.	Cu.	8	Ci.	Cu.
3	N	NE	NE	NW	Calm	NE	21.7	54.1	66.6	38.1	180.5	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
4	N	N	NE	N	N	N	35.1	78.3	109.1	71	293.5	6	Ci.	Cu.	9	Ci.-S.	Cu.
5	N	N	NE	NE	N	N	62	69.5	96.3	51	278.8	6	Ci.	Cu.	6	Ci.	Cu.
6	Calm	Calm	S	SW	N	NE	19	32.2	39.4	24.6	115.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
7	Calm	NW	SW	SW	SW	SW	17.1	50.2	105.1	39.9	212.3	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
8	SW	Calm	SW	SW	SW	SW	18	43.1	102.8	59.2	223.1	9	Ci.-S.	Cu.-N.	5	Ci.	Cu.
9	Calm	SW	SW	SW	SW	SW	31.1	132.3	116.5	76.9	356.8	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	NW	NW	NW	S	S	NW	127.3	86.1	------	------	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
11	Calm	NW	NW	SW	NW	NW	------	------	------	------	------	8	Ci.	Cu.	8	Ci.	Cu.
12	NW	N	NE	SW	NE	N	------	------	------	43.5	------	9	Ci.	Cu.	8	Ci.-S.	Cu.-N.
13	NW	NW	NE	SW	Calm	Calm	20.4	33.2	62.2	12.9	128.7	7	Ci.	Cu.	9	Ci.-S.	Cu.
14	Calm	NW	NW	S	SW	SW	15.1	31.2	79.2	79.1	204.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	SW	SW	SW	SW	SW	SW	137.6	165.5	191.3	208.3	702.7	10	------------	N. SW	10	------------	Cu.-N.
16	SW	SW	SW	SW	SW	SW	184.8	173.9	170.5	190.8	720	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. sw
17	SW	SW	S	SW	SSW	SW	153.2	138.1	139.8	143.5	574.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
18	S	SSW	SSW	SW	SW	SW	97.9	147.9	155.3	125.7	526.8	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. sw
19	SW	SW	SW	SW	SW	SW	108.1	147.6	139.8	109.7	505.2	10	Ci.-S.	Cu.-N. SW	6	Ci.	Cu. SW
20	SW	SW	SW	SW	SW	SW	122.3	131.5	118	86.4	458.2	10	Ci.-S.	Cu.-N.	7	Ci.	Cu. SW
21	SW	SW	SW	SW	SW	SW	110.7	122.9	126.9	102	462.5	10	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.- N.
22	SW	SW	S	SW	S	S	67.4	74.2	75.9	95.6	313.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.- N.
23	SW	SW	SW	SW	SW	SW	103.2	108.4	92.8	94.4	398.8	10	Ci.-S.	Cu.-N.	10	------------	N.
24	NW	SW	SW	SW	SW	SW	116.7	111.6	143.7	97.1	469.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	S	SW	SW	SW	SW	SW	83.1	119.7	99.8	74.6	377.2	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
26	S	S	S	SW	SW	S	56.9	63.3	96.6	55.2	272	9	Ci.-S.	Cu.	8	Ci.	Cu.
27	SW	SW	SW	SW	SW	SW	70.6	108.9	123.1	105.7	408.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
28	SW	SW	SW	SW	SW	SW	124.2	133.1	141.8	141	540.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	SW	SW	SW	SW	SW	SW	162.1	178.4	169.2	147.3	657	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	SW	SW	SW	SSW	SW	SW	146.1	149.1	137.9	114.1	547.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
31	S	SW	SW	SW	SW	SW	57.1	102.7	123.6	58.2	341.6	8	Ci.-S.	Cu.	7	Ci.-Cu.	Cu.
Mean	------	------	------	------	------	------	80.1	99.3	112.5	86.4	378.5	9.3	------------	------------	8.5	------------	------------

ILOILO.

[φ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.95	56.66	57.05	56.45	57.01	57.87	26.8	27.4	28.6	29	27.4	26.6	30	25.9	82	81	78	74	81	83	72.3
2	56.69	57.31	57.89	56.75	57.06	58.21	26.6	24	27.4	28.9	28	27	29.6	22.4	86	96	78	75	81	84	26.7
3	58.02	58.37	58.52	57.12	57.14	58.72	26.5	26.5	28.9	29.9	28.2	27.1	30.5	24.3	91	88	78	75	83	83	1
4	57.85	58.01	58.50	56.55	56.99	57.95	26.6	27.1	29.2	29.7	28.1	27.5	30.5	26.4	89	82	76	77	82	82	17
5	57.10	56.95	57.80	56.63	56.56	58.12	27.4	27	28.5	23.8	27.6	24.2	29.5	22.8	80	84	78	96	87	91	101.6
6	57.70	57.95	58.99	57.12	57.09	57.93	24	24.2	24.2	26.6	26.8	26.9	27	22.9	93	98	97	86	82	85	39.4
7	57.60	57.42	59.07	57.42	57.97	59.04	25.5	25.5	24	28	26	25.1	28.3	23.4	81	88	94	77	85	91	8.8
8	57.92	58.05	58.95	57.60	57.57	59.59	25.8	26.6	27	29.1	27.5	27.4	29.4	24.6	87	80	84	72	82	81	------
9	58.28	58.32	59.55	58.07	57.90	58.93	26.4	25.5	25.2	28.1	27.1	26.6	28.9	24.5	85	81	90	72	75	80	------
10	58.08	58.26	58.52	57.24	57.60	58.65	26.6	26.9	29	29.6	27.5	27.4	30.5	26.2	78	78	77	74	81	81	------
11	57.20	57.19	58.36	56.29	56.40	58.44	25.8	25.9	28	29.4	27.6	27.5	30	25.1	81	81	74	72	81	80	------
12	57.56	57.02	57.72	55.83	57.06	58.22	26.2	27	28	27.5	26	25.9	29	24.4	84	80	83	77	83	75	10.2
13	56.97	56.83	57.57	55.90	56.66	57.52	26.5	25.8	28	28.4	27.1	25.5	28.9	24.4	85	88	80	78	78	84	------
14	56.44	56.54	57.12	56.15	55.76	56.44	24.2	26.2	27.5	28.3	26.9	25	28.6	23.8	91	79	76	67	77	87	------
15	54.64	55.03	55.87	54.46	55.51	55.98	26.6	26.8	27.5	26.8	[a]24	25.5	29.4	22.9	76	79	77	84	94	84	36.4
16	55.40	56.12	56.82	56.25	56.90	59.31	26.2	25.4	26	29.2	26.6	25.5	29.8	24.6	82	87	88	72	81	88	.5
17	58.54	57.98	59.13	57.98	58.27	59.62	25.2	24.8	28	28.5	28	26	30.8	23	86	90	74	68	74	86	19.8
18	58.73	58.79	59.55	57.46	57.64	58.80	24.4	24.5	28.2	29.5	28	25.4	31.5	23	92	94	80	68	81	93	4.5
19	57.88	57.77	57.43	55.72	56.07	57.80	25.5	25.3	28.3	29.2	27.3	27.1	30.1	24.9	96	98	80	76	84	83	1
20	57.16	57.27	57.67	55.92	56.67	58.02	26.2	25.5	26.3	29	26.2	26.3	29.1	25.1	88	90	82	75	86	86	2
21	57.44	57.19	58.05	56.68	56.98	58.07	25.2	25	28.2	27.8	26.4	26.4	29.2	24.6	90	91	74	77	82	80	6.1
22	57.57	57.19	57.90	56.20	57.12	58.30	25	25.3	27.4	28.5	26.8	25.5	29.1	24.1	91	89	80	77	85	89	25.4
23	57.67	58.36	58.77	56.40	56.76	58.44	25	23.5	24.5	26.4	26.3	25.7	27.1	22.1	93	99	92	81	86	90	43.7
24	57.57	58.38	59.49	57.25	57.74	59.62	24.5	24.1	22.8	26.4	26.7	26.7	27	22.3	92	87	98	76	80	81	9.3
25	59.12	59.09	60.15	58.42	58.97	60.46	24.6	25.8	28.2	28	27.2	25.1	29	23.4	85	82	74	79	81	87	------
26	59	58.87	59.02	57.31	57.12	58.33	26	26.6	27.6	26.7	27	27.2	29.1	24.1	85	80	81	83	81	87	20.6
27	56.87	56.49	56.93	55.26	55.44	56.85	24.5	24.6	26.7	27.4	24.5	25.6	28	22	89	90	87	80	94	81	65
28	55.83	55.95	56.85	55.19	55.98	58.24	24.5	23.7	25.1	24.4	25.2	26	26.5	22	92	90	88	97	86	84	40.7
29	57.29	57.23	58.71	57.77	58.46	59.98	25.3	26.3	28.1	27.9	27.4	25	29.1	22.6	86	80	74	74	74	88	1
30	58.65	58.38	58.97	57.27	58.33	59.38	25	25	28.3	29	26	25	30	24.5	88	88	78	76	82	88	1.5
31	58.14	57.84	58.48	56.67	56.85	58.13	25.2	23.1	28.1	27.7	26.5	24.9	30	23	85	91	69	69	85	93	2.3
Mean	57.48	57.51	58.24	56.69	57.08	58.42	25.6	25.5	27.2	28	26.8	26.1	29.2	23.8	86.7	86.7	81.3	76.9	82.4	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	556.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SW	SW	93.9	106.7	123.3	81.3	405.2	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
2	SW	SW	SW	SW	SW	SW	71	79.1	126.6	72.9	349.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
3	SW	SW	SW	SW	SW	SW	62.6	92	89.9	66.8	311.3	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
4	SW	SW	SW	SW	SW	SW	49.4	91.5	130.9	96.1	367.9	9	Ci.	Cu.	6	Ci.	Cu.
5	SW	SW	SW	SW	SW	SSW	105.4	121.3	111.3	93	431	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6	SW	SW	SW	SW	SW	SW	87.4	97.1	100.8	75	360.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	SW	S	SSW	SW	SW	SW	77.5	84	80.3	51.5	293.3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
8	S	SW	WSW	WSW	SW	SW	59.5	86.7	93.1	71.8	311.1	9	Ci.-S.	Cu.	8	Ci.	Cu.
9	W	SW	W	WSW	SW	SW	87.7	137.4	112.9	89.6	427.6	8	Ci.	Cu.	8	Ci.	Cu.
10	SW	SW	WSW	SW	SW	SW	95.6	100.8	122	89.1	407.5	7	Ci.	Cu.	8	Ci.	Cu.
11	SW	SW	SW	SW	SW	SW	100.3	88.7	116.4	71.3	376.7	5	Ci.	Cu.	4	Ci.	Cu.
12	S	SW	SW	SW	SSW	SW	58.4	94.4	101.4	53.9	308.1	9	Ci.	Cu.	7	Ci.	Cu.
13	SW	SW	SW	SW	SW	SE	52	58.7	104.4	35.1	250.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
14	Calm	SW	WSW	W	SW	WSW	15.1	79.7	77.7	58.7	231.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	SW	SW	SW	SW	SW	SW	87.2	107.3	111.8	77.5	383.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	SW	SW	SW	SW	S	Calm	88.8	86.9	95.5	29.5	300.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
17	Calm	Calm	Calm	NE	SW	NE	15.3	24.1	46.1	41	126.5	10	Ci.	Cu.	8	Ci.	Cu.
18	Calm	N	NE	NW	Calm	Calm	41.2	56.3	52.1	23.1	172.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	Calm	Calm	NW	SW	SW	SW	19.9	38.9	65.5	75.8	200.1	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
20	SW	S	SW	SW	SW	S	61.7	70.5	102.5	74	308.7	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
21	S	S	SW	SW	SW	SW	68.7	79.7	87.1	63.6	299.1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
22	S	SW	SW	SSW	S	SW	55.2	73.4	97.9	64.2	290.7	9	Ci.-S.	Cu.	7	Ci.	Cu.
23	SW	W	SW	SW	SW	S	65.8	92.5	105.1	43.7	307.1	10	------------	N.	10	Ci.-S.	Cu.-N.
24	SW	SW	SW	SW	SW	SW	69.7	111	104.8	67.6	353.1	10	------------	N.	10	------------	N.
25	SW	SW	SW	SW	SW	S	109.1	87.5	89.9	75.3	361.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
26	SW	SW	SW	SW	SW	SW	79.7	92	91.5	80.5	343.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	SW	SW	SW	SW	SW	SW	59	109.6	124.1	134.7	427.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
28	S	SW	SW	SW	SW	SW	111.2	100.8	122.6	93.3	427.9	10	Ci.-S.	Cu.-N.	10	------------	N.
29	S	SW	SW	SW	SW	S	117.2	102.8	73.8	73.4	367.2	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
30	SW	S	SW	SW	NE	E	43.5	74.6	97.4	58.9	274.4	7	Ci.	Cu.	9	Ci.	Cu.
31	S	E	SW	SW	SE	Calm	36	50.1	59.2	25.1	170.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	69.2	86.3	97.4	68	320.8	9.3	------------	------------	8.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,946.3	----	------------	------------	----	------------	------------

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[a] From August 15, 6 p. m., to 23, 2 p. m., these values were taken from a self-registering apparatus, the ordinary thermometer having been broken.

ILOILO.

[φ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.67	55.69	56.90	55.13	54.63	54.93	24.2	25	26.7	25.7	26.1	26.4	28.1	23.3	94	88	79	83	79	80	------
2	54.33	54.14	55.02	53.60	52.99	54.65	25.6	25.1	26	26.1	26.1	24.4	27.4	24	85	88	87	84	84	91	20.5
3	54.25	54.39	55.35	54.25	54.10	55.09	25.2	23.2	23.3	24.6	26.5	26.5	27.1	22	88	95	94	91	87	84	50.3
4	54.74	55.32	56.39	55.23	55.81	57.06	26.5	26.5	25	26.6	27.2	27.1	28	22	84	82	92	83	82	80	75.3
5	57.40	57.44	58.87	57.06	57.52	59.71	26	26.2	24.5	29	27.5	26.9	29.5	21.6	85	82	96	78	81	86	40.4
6	58.94	58.80	59.30	57.45	57.87	59.97	24.5	25.2	28.7	29.6	28.1	27	29.8	23.4	87	90	73	71	81	84	------
7	58.15	58.26	59.47	57.62	58.19	59.47	25.2	25.6	28.6	29.5	28	26.3	30.2	23.9	92	87	74	68	79	90	------
8	58.04	58.35	59	57.09	57.97	58.81	25.5	23.7	28.9	29.9	28.2	27.5	30.4	23.5	92	94	76	72	76	81	------
9	57.46	57.52	58.42	56.40	56.95	58.20	27.1	27.2	28.6	28.8	27.8	27.5	29.4	24.4	83	83	77	76	82	84	------
10	56.78	56.54	57.07	55.44	56.03	57.11	26	26.1	28.3	28.2	26.8	27.5	29.5	24.2	84	87	79	80	82	81	3
11	55.98	56.23	57.48	55.95	57.53	58.48	27	26.1	27.6	28.6	27.5	25.8	29	24.4	85	86	85	78	81	86	9.7
12	58.04	58.16	59.49	57.12	59.12	60.67	25.9	25.7	28.5	30	24.7	25.3	30.5	24.5	88	89	77	68	81	86	2.3
13	59.18	59.07	59.87	57.61	58.25	60.44	24.6	24.1	30	29.6	28.2	27	31.8	23.8	93	93	68	77	79	84	------
14	59.15	59.23	60	57.64	59.06	59.55	25.4	25.1	30	30.4	25.5	25.6	32.5	24.4	92	98	61	58	86	84	3.8
15	57.92	58.22	59.28	57.03	57.50	58.65	25.5	24.2	30	30	28	27.6	30.7	24	88	95	67	71	79	84	------
16	58.10	58.24	58.67	57.04	57.85	59.41	27.4	25.6	26	29.6	27.9	27.4	29.6	25.1	84	91	95	77	82	85	16.8
17	58.85	58.76	59.47	58.05	58.60	60.24	26	26.1	29.6	29.1	27.7	27.1	30.6	25.7	86	87	74	73	79	80	------
18	58.98	59.30	59.91	57.77	58.06	59.91	25.2	24.1	29	28.7	27.6	26.5	30	23.8	90	93	67	73	84	88	------
19	59.10	59.58	60.44	57.77	58.82	60	24.7	24.1	28.5	29.6	25.6	25.4	31.2	23.7	91	91	78	68	84	91	10.4
20	58.73	59.15	59.71	57.02	58	58.92	25.4	24.6	27	28	26.8	25.6	28.5	23.9	92	92	81	71	81	91	------
21	57.60	57.99	58.21	56.42	58.05	59.13	24.5	24.1	28.6	29.8	26.2	24.6	32	23	92	91	73	63	82	92	55.4
22	58.34	58.44	59.32	57.86	59.17	60.36	23.5	24.6	27.6	28	25.6	25.7	29.3	23	94	90	74	77	91	87	1
23	59.56	59.91	60.55	58.55	59.16	60.32	25.2	24.8	28.4	28.2	26.5	26	29.4	24.4	93	94	75	72	80	84	------
24	59.34	59.39	60.34	57.55	58.53	59.44	25	23.5	29	29.6	26.1	24.6	31.1	23	88	92	67	71	83	87	19.5
25	58.50	58.63	59.55	56.96	57.80	59.66	24.6	24.1	28.7	31.6	28.2	25.7	31.8	23.9	92	95	71	59	80	91	19.6
26	58.69	58.83	59.30	57.03	58.09	59.80	25.5	25.1	29.1	31.6	28.6	26.1	31.9	24.8	92	88	77	62	77	78	------
27	58.64	59.43	60.17	57.91	58.59	60.11	25.2	24.8	29.6	31.3	28.4	26.1	32	24.3	90	89	70	63	74	86	3.3
28	58.54	58.89	59.66	56.96	58.24	59.80	24.8	25.1	29.9	31.6	29.3	26.9	32	24.1	92	89	67	55	76	88	2
29	58.18	59.07	60.30	58.50	58.02	59.20	25.6	25.1	25.2	27	25.6	25.1	27.4	24.1	90	91	93	79	83	91	7.1
30	58.28	58.33	59.56	56.74	57.55	58.88	23.8	23.8	28.4	29.7	27.4	25.6	30.9	23.4	95	95	71	66	78	92	------
Mean	57.83	58.04	58.90	56.80	57.60	58.93	25.4	25	28	29	27.1	26.2	30.1	23.8	89.4	90.2	77.3	72.2	81.1	85.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	340.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	SW	W	W	SW	SW	26.6	65.2	43.8	72.4	208	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
2	SW	SW	SW	SW	SW	SW	69.7	123.6	146.9	175.7	515.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
3	SW	SW	SSW	SW	SW	SW	205	213.3	208.3	185.6	812.2	10	------------	N.	10	------------	N.
4	SW	SW	SW	S	SW	SW	164	167.1	166.6	127.9	625.6	10	------------	N. SW	10	------------	N.
5	SW	S	SW	SW	SW	SW	91.1	91.1	105.6	43.3	331.1	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.
6	SW	SE	SW	SW	SW	SW	34.4	51.7	80.3	55.3	221.7	6	Ci.	Cu.	1	Ci.	Cu.
7	W	SW	SSW	SSW	SW	Calm	19.1	70.3	96	61.4	246.8	4	Ci.	Cu.	6	Ci.	Cu.
8	W	Calm	SW	SW	SW	SW	30	66	123.4	104	323.4	7	Ci.	Cu.	6	Ci.	Cu.
9	SW	SW	SW	SW	SW	SW	117.2	115.3	110.7	89.3	432.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
10	SW	S	SW	SW	SW	SW	84.8	99.6	118.6	105.6	408.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
11	S	SW	SW	SW	SW	S	83.7	79.9	100.6	52.1	316.3	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
12	S	S	SW	SW	W	Calm	35.2	49.7	73.5	22.5	180.9	10	Ci.-S.	Cu.	4	Ci.	Cu.
13	NW	Calm	Calm	SW	Calm	W	14.2	24.9	70.8	15.1	125	9	Ci.	Cu.	4	Ci.	Cu.
14	Calm	Calm	SW	SW	NE	SE	17.1	26.6	76.1	31.4	151.2	10	Ci.	Cu.	6	Ci.	Cu.
15	Calm	NE	S	SW	SW	SW	34.8	50.5	112	97.9	295.2	7	Ci.	Cu.	10	Ci.-S.	Cu.
16	SW	SW	SW	SW	SW	SW	91.1	82.4	108.8	78.7	361	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
17	S	W	SW	SW	SSW	SW	46.5	75	106.4	59	286.9	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
18	N	Calm	SW	S	S	Calm	26.4	35.4	50.2	23.9	135.9	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
19	NW	Calm	NE	NE	NW	Calm	28.8	32	51.2	16.4	128.4	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
20	N	Calm	NE	NE	Calm	Calm	26	34.9	80.5	18.2	159.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
21	Calm	NE	NE	S	S	NW	12.2	37.5	70.6	43.7	164	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
22	Calm	S	SW	SW	W	Calm	22.8	58.4	81.3	25.4	187.9	6	Ci.	Cu.	8	Ci.	Cu.
23	SE	NW	SW	SW	W	W	21.2	53.4	69.7	27.7	172	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
24	W	Calm	W	SW	NW	Calm	19.9	21.4	54.4	21.5	117.2	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
25	E	Calm	NE	NE	Calm	Calm	31.6	57.7	57.3	21.2	167.8	8	Ci.	Cu.	8	Ci.	Cu.
26	NW	N	E	NE	N	Calm	27.7	57.4	61.4	26.4	172.9	9	Ci.-S.	Cu.	3	Ci.	Cu.
27	W	NW	NE	NE	NE	NE	32	60.9	83.4	52.5	228.8	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28	NE	NE	NE	NE	N	N	61.4	93.8	85.1	42.6	282.9	6	Ci.-S.	Cu.	5	Ci.	Cu.
29	N	N	NE	SW	SW	E	37.2	33.8	62.5	45.1	178.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	Calm	NW	Calm	SW	Calm	Calm	26.7	28	45.9	13.5	114.1	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	51.3	68.6	90.1	58.5	268.4	8.2	------------	------------	7.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,052.4	----	------------	------------	----	------------	------------

ILOILO.

[ϕ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, −1.84 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.47	58.77	59.57	57.56	58.01	59.12	24.5	24.1	30	30.1	26.5	25.1	31	23.8	91	89	65	67	86	91	------
2	58.47	58.53	58.95	56.96	57.11	59.05	24.2	23.6	29.4	29.4	28.2	26.2	31	23.1	91	92	66	71	83	94	------
3	58.18	58.47	59.26	56.96	57.69	59.35	25.2	24.6	29.2	29.6	27.7	26.1	30.8	24.5	94	92	73	69	80	83	------
4	58.68	59.32	60.12	57.77	58.51	59.96	25.6	25.4	28.5	29.6	27.6	25.6	29.9	24.8	85	87	70	70	81	82	------
5	58.74	58.70	59.59	57.16	58.01	59.51	25.4	24.1	29.5	29.4	28.1	25.2	30.1	23.6	85	91	71	69	74	88	0.8
6	58.24	58.29	58.92	56.50	57.90	59.45	24.8	24.1	28.6	30.1	27.4	25.6	30.5	23.7	89	90	67	67	79	88	------
7	58.58	58.99	59.67	57.30	59.06	59.71	24.9	24.8	27.6	29.6	25	24.6	30.1	24	88	87	77	68	88	82	1
8	58.67	58.94	59.67	57.34	58.28	58.83	24	23.4	29.2	29.6	24.5	24.7	30.9	22.8	87	88	66	64	88	89	25.9
9	57.49	57.54	57.92	55.46	56.25	57.77	23.8	23.1	29.5	30.7	27	26.1	30.9	22.8	91	91	64	64	84	84	1.3
10	56.52	55.95	57.02	54.77	55.44	56.63	25.5	24.4	30	29.6	28	27	30.6	24	89	92	71	75	80	81	------
11	55.72	55.33	55.54	53.26	54.36	55.25	26.5	26.7	28.5	29.8	25.7	27.2	30.5	25	86	84	74	72	84	87	2.6
12	54.20	54.64	55.40	54.20	54.79	55.35	26.2	25.5	27	25.1	26.1	26.4	28	23	90	88	84	92	90	90	101.7
13	54.39	54.88	55.74	54.24	54.34	55.75	24.5	24.2	26.2	26.5	26.1	26.8	27.5	22.8	94	98	90	80	86	86	80.3
14	54.63	55.52	56.83	54	54.12	55.66	26.8	24	25	28.1	27.8	25.4	28.5	22.5	86	98	88	76	79	93	73.2
15	54.39	55.28	58.17	56.15	56.81	58.77	26.8	26.3	28	29	27.5	27.1	29.4	24.8	82	82	70	68	74	75	------
16	57.78	58.18	59.76	57.79	58.27	59.71	27.1	27.1	29.4	29.2	27.1	27.1	30	25.9	78	76	77	73	80	81	1.3
17	58.58	59.11	59.99	58.45	59.01	60.56	26.4	26	27.5	26.1	25.1	25.2	29	24.3	82	85	73	88	88	92	19.9
18	59.57	59.94	60.50	58.30	59.38	60.48	25	23.7	28	28.7	25	24.8	29.5	23.4	90	96	77	80	96	93	39.1
19	59.78	60.07	61.06	58.78	59.55	60.43	24.6	24.6	27	27.6	25.8	25.3	29	24	93	95	80	76	88	93	1.3
20	59.17	60.29	60.77	59.14	59.92	61.01	24.8	23.9	27	25.1	24.9	24.9	29.5	23.4	93	91	76	91	88	92	13.7
21	59.73	59.86	60.42	58.22	58.70	60.10	24.8	24.6	28.8	29.1	27.8	26	30	24.2	92	91	70	70	78	85	------
22	59.27	59.64	59.86	57.72	58.20	59.41	24.8	23.7	28.2	29.1	27.7	25.7	29.8	23.4	93	92	69	68	71	90	------
23	58.49	58.91	59.37	57.36	58.50	59.95	24.4	23.6	29.6	27.1	27.1	24.7	30.5	23.3	92	91	61	83	83	93	5.3
24	58.67	59	60.05	58.10	59.76	61.37	24.8	24.6	28.2	30.1	27	25.5	30.5	24	92	92	72	57	72	80	------
25	60.31	60.48	61.38	58.80	59.97	60.92	24.2	24.3	28.5	29.1	26.5	24.6	30.3	23.2	85	84	65	64	71	78	------
26	59.87	60.16	60.16	57.66	58.72	59.92	23.3	23.8	28	30	26.6	23.8	30.5	22.3	84	84	61	58	60	74	------
27	59.14	59.59	60.16	57.60	58.82	60.67	22	21.8	28.5	30.1	28.1	25.1	30.4	21.1	82	83	64	62	72	78	------
28	59.68	59.93	60.60	58.15	59.35	61	23.2	23	28.8	30.1	27.7	25.6	31	22.3	86	85	65	69	72	83	------
29	59.99	60.24	60.89	58.26	59.38	60.72	24.2	24.1	29	29.3	26.5	25.7	30	23.6	90	92	66	69	79	86	5.1
30	59.86	60.01	60.80	57.79	58.47	59.73	24.6	24.6	28.5	29.8	27.1	25.2	30.2	23.5	90	91	75	66	80	90	5.1
31	58.87	58.53	60.13	57.95	59.03	60.36	24.8	24.1	25.6	28.3	26.6	25.6	28.5	23.7	92	95	85	75	87	88	4.3
Mean	58.20	58.49	59.30	57.09	57.93	59.24	24.9	24.4	28.3	28.9	26.8	25.6	29.9	23.6	88.5	89.4	72	71.6	80.7	86.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	381.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	W	SW	NE	Calm	15.8	30.3	56.5	19.1	121.7	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	Calm	Calm	SW	SW	Calm	NW	13.7	33	56.5	25.5	128.7	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
3	Calm	Calm	SW	SW	W	N	18.2	40.7	79.2	30	168.1	5	Ci.	Cu.	8	Ci.-S.	Cu.
4	SW	Calm	SW	SW	W	Calm	25.1	40.8	74.2	23.9	164	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
5	Calm	Calm	SW	SW	SSW	N	11.9	36.8	62.6	33.3	144.6	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
6	Calm	Calm	SW	SW	SW	Calm	23.8	42.1	83.9	32.4	182.2	8	Ci.	Cu.	9	Ci.-S.	Cu.-N.
7	Calm	Calm	SW	SW	NW	Calm	12.1	32.4	71.6	27.4	143.5	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
8	Calm	Calm	Calm	SW	Calm	Calm	16.7	23	59.3	17.1	116.1	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
9	Calm	Calm	WNW	SW	N	SE	14	23.9	64.2	33.7	135.8	6	Ci.	Cu.	8	Ci.	Cu.
10	Calm	Calm	SW	SW	SW	W	10.6	58.5	109.2	57.4	235.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
11	SW	SW	SW	SW	SW	SW	71.1	95.2	97.4	60	323.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	SW	SW	SW	SW	SSW	SW	55.5	121.7	178.4	125.5	481.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	SW	SW	S	SW	SW	S	130.9	151.8	188.4	139.5	610.6	10	------	N. SW	10	Ci.-S.	Cu.-N.
14	SW	SW	SW	SW	SW	SW	135	163.2	161.2	167.9	627.3	10	------	N. SW	10	Ci.-S.	Cu.-N.
15	SW	SW	SW	SW	SW	SW	223.2	154	154.7	120.5	652.4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.
16	SW	SW	SW	SW	SW	SW	107.8	114.5	89.5	68.1	379.9	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
17	SW	SW	WSW	S	SW	S	80.5	113	81.8	56	331.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
18	S	Calm	SW	SW	NW	NE	37.2	52.1	72.4	37.3	199	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
19	Calm	Calm	SW	SW	W	Calm	14.6	33.3	59	13.7	120.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	Calm	N	N	N	N	N	25.7	31.1	51.3	47.8	155.9	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
21	N	N	NNE	NE	NE	Calm	42.1	72.7	82.7	21.2	218.7	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
22	Calm	N	SW	SW	S	Calm	11.3	35.1	77	25.9	149.3	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23	Calm	NW	S	W	Calm	W	18.2	33.3	50.5	38.4	140.4	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
24	N	NE	NE	N	N	N	61.8	106.5	136.5	79.1	383.9	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
25	N	NNE	NNE	ENE	N	N	85.8	128.2	124.1	84.3	422.4	6	Ci.	Cu.	7	Ci.	Cu.
26	N	N	NE	E	N	N	73.4	121.8	119.3	75.1	389.6	5	Ci.	Cu.	6	Ci.	Cu.
27	NE	NE	NE	NE	NE	NE	41.3	81.3	81.8	66.6	271	3	Ci.	Cu.	7	Ci.	Cu.
28	NE	N	NE	E	NE	NE	64.9	104.8	124.2	91.4	385.3	3	Ci.	Cu.	5	Ci.	Cu.
29	N	N	NE	ENE	N	NE	75.8	127.2	119.7	83.5	406.2	8	Ci.	Cu.	7	Ci.	Cu.
30	N	N	NE	E	NE	N	88.7	110.2	107.5	64.2	370.6	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
31	NE	NE	NW	N	NE	N	67	70.2	64.6	61.8	263.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	54	76.9	94.8	59	284.6	7.9	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,823.2	------	------	------	------	------	------

ILOILO.

[ϕ= 10° 42′ N ; λ=122° 34′ E ; barometer above sea, 6.5 meters ; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.79	58.98	60.02	57.79	58.92	60.57	24.8	24.6	28.5	30	27.9	25.7	30.1	23.8	92	87	74	64	82	90	------
2	59.17	59.57	59.95	57.67	58.64	60.16	25.2	25.1	28.6	30.6	28.2	26.1	31.3	24.8	92	91	75	62	78	87	------
3	58.80	59.58	60.10	57.66	58.44	60.11	24.8	25.1	28.5	30.6	28.7	25.7	31.2	24.4	92	90	77	58	63	82	------
4	58.80	59.52	60.25	57.95	59.08	60.12	25.2	25.1	29.5	31.5	26.6	26.1	32	24.5	88	91	66	66	90	91	43.7
5	59.27	59.40	60.49	58.12	59.01	60.11	25.4	25.1	28.6	30.1	25.8	25.6	30.6	24.8	92	89	77	68	88	88	18.8
6	59.50	59.52	60.12	57.52	58.57	60.25	25	25.1	29	30.6	28.6	25.2	30.9	24.3	93	91	74	65	74	90	------
7	58.84	58.49	60.20	57.84	58.93	60.17	25	25.5	28	30.1	27.5	26.1	31.3	24.8	93	92	79	62	78	87	------
8	58.90	59.90	60.32	58.17	58.81	60.17	25.6	25.6	29.6	28.9	27.5	26	30.5	25.1	88	86	72	73	81	84	------
9	59.47	59.71	60.41	57.65	58.02	59.43	25.6	25.5	28.6	29.7	27.2	26	30	24.6	88	88	76	63	75	88	9.1
10	58.77	59.21	60.24	57.52	58.31	60.06	25.4	25.1	29	29.7	27.6	25.6	30.5	24.5	90	87	69	63	80	84	------
11	58.59	58.88	60.26	58.09	59.02	60.30	24.6	24.5	28.4	30.4	26.2	25.2	31	23.9	88	87	70	63	82	89	------
12	59.79	59.87	60.77	58.71	59.29	60.82	24.8	24.5	29.1	31	27.7	25	31	24	91	89	67	50	71	83	------
13	60.07	60.17	61.02	58.62	59.14	60.38	24.3	23.6	28.6	29.1	24.5	23.8	29.4	22.9	89	91	63	63	83	85	------
14	60.13	60.07	60.92	58.78	59.38	60.20	22.8	22.1	27.6	29.2	26	24.7	30	21.5	86	85	58	50	69	79	------
15	60.22	60.49	61.77	60.26	60.69	61.59	23.4	23.6	27	23	23.7	25	28.8	22.8	80	78	68	95	89	85	11.2
16	60.99	61.37	61.78	59.16	60.27	61.02	23.2	23.6	28.1	29	26.6	25	30.1	22.8	93	90	67	68	73	85	------
17	60.47	60.54	61.12	58.80	59.70	61.24	24.1	24	28.5	29.1	26.8	24.9	30.5	23.6	88	84	67	66	74	83	------
18	60.67	61.63	61.87	59.75	60.39	61.33	24.4	23.1	29	27.3	26.7	25.5	31	22.5	80	87	65	85	78	84	------
19	60.61	60.81	61.61	59.56	60.17	61.48	24.6	24.6	29	31.2	28.1	25.5	31.5	23.9	90	91	69	52	62	89	------
20	60.67	61.46	61.96	59.70	60.26	61.53	24.9	24.5	29.1	30.5	27.5	24.5	31	23.5	91	92	66	56	70	87	11.1
21	60.61	60.82	61.42	58.80	59.62	60.15	23.8	23.6	27.6	30	27	24.5	30.5	23.3	91	94	70	59	76	87	------
22	59.36	59.39	60.11	58.59	59.46	60.91	23.8	24.2	29.5	29.6	26.2	25.1	30.5	23.3	91	94	61	67	85	91	------
23	60.37	60.68	61.25	59.43	60.22	61.88	24.4	24.3	28.7	30.5	26.6	25.1	30.9	23.5	90	88	67	56	80	88	------
24	61.01	61.07	61.92	59.61	61.46	62.01	24.3	23.5	28.7	29.6	24.1	23.7	30	23	91	90	63	61	95	90	4.8
25	60.61	60.97	61.45	59.26	59.63	60.42	23.8	23.2	27.5	29.1	26	24.3	29.6	22.7	89	90	66	57	76	87	------
26	59.14	59.66	59.88	57.37	57.88	58.89	23.8	23.5	27.7	29.7	26.3	25.1	31	22.8	90	91	64	58	70	78	------
27	57.63	57.78	58.79	56.50	57.35	58.59	23.4	23.7	28	29	27.5	25.6	30.1	22.6	88	90	67	68	77	87	------
28	57.99	58.88	59.71	57.09	57.64	59.37	24.2	23.6	28.5	31	28.6	25.3	31.5	23.1	88	90	71	59	73	82	------
29	58.87	58.99	59.56	57.07	58.30	59.53	24.1	23.6	29.6	31	28.5	25.5	31.5	22.6	87	90	67	62	78	88	------
30	58.83	59.05	59.99	57.86	59.13	59.92	24.5	23.5	28.7	30.2	25.7	25	31.2	23	91	87	73	67	91	95	7.1
Mean	59.56	59.88	60.64	58.36	59.19	60.42	24.4	24.2	28.6	29.7	26.9	25.2	30.6	23.6	89.3	89	68.9	63.5	78	86.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	105.8

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	Calm	N	NE	NE	N	N	40.8	103.2	103.5	75.3	322.8	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.	
2	N	N	NE	NE	NE	N	97.6	121	113	79.4	411	8	Ci.	Cu.	8	Ci.-S.	Cu.	
3	N	N	NE	NE	NE	N	60.4	95.2	123.7	64.4	343.7	6	Ci.-S.	Cu.-N.	7	Ci.	Cu.	
4	N	NE	NE	N	N	N	57.1	95.8	85.5	87.9	326.3	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.	
5	N	N	NE	NE	N	N	60.9	106.7	136.2	90.1	393.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.	
6	N	N	NE	NE	NE	N	85	124.2	140.2	81.1	430.5	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.	
7	N	N	NE	NE	N	N	82.7	130.2	146.6	96	455.5	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.	
8	N	N	N	NE	NE	N	100.8	99.3	107.6	120.5	428.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.	
9	N	N	NE	NE	NE	N	114.8	115.4	140.2	107.2	477.6	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.	
10	N	N	NE	NE	NE	N	109.7	145	164.5	97.4	516.6	8	Ci.	Cu.	6	Ci.	Cu.	
11	N	N	NE	N	N	N	113.3	124.9	112.7	84	434.9	7	Ci.	Cu.	9	Ci.-S.	Cu.	
12	N	N	NE	NE	NE	N	97.9	137.3	133.1	84.7	453	6	Ci.	Cu.	6	Ci.	Cu.	
13	N	N	NNE	NE	N	N	83.7	120.1	123.9	51.5	379.2	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.	
14	N	N	N	NNE	N	NE	48	108.3	127.4	68.7	352.4	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.	
15	N	N	N	NNE	NW	NE	55	61.8	80.3	44.9	242	5	Ci.	Cu.	10	Ci.-S.	Cu.-N.	
16	N	NE	NE	NE	N	N	41	91.2	116.2	60	308.4	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.	
17	N	NE	NNE	NE	N	N	71.9	100.1	94.4	55.3	321.7	6	Ci.	Cu.	7	Ci.	Cu.	
18	N	NE	NNE	NE	N	N	53.6	80.3	106.5	81	321.4	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.	
19	N	N	NE	NE	NE	NE	70.3	100.4	125.2	78.4	374.3	4	Ci.	Cu.	5	Ci.	Cu.	
20	N	N	NE	NE	N	N	81.5	107.2	117.8	84.5	391	2	Ci.	Cu.	3	Ci.	Cu.	
21	N	N	NNE	NE	NE	NE	63.8	107.6	119.4	68.9	359.7	6	Ci.-S.	Cu.	7	Ci.	Cu.	
22	NE	N	NE	NE	N	NE	66	140.6	149.7	63.8	420.1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.	
23	N	N	NNE	NE	N	N	85.6	136	142.2	131.4	495.2	4	Ci.	Cu.	4	Ci.	Cu.	
24	N	N	NE	NE	N	N	110.8	142.4	169.9	93.9	517	1	------------	Cu.	3	------------	Cu.	
25	NE	N	NE	NNE	N	N	85.8	141.3	147.9	83.1	458.1	9	Ci.	Cu.	4	Ci.	Cu.	
26	NE	NE	NE	NE	N	NE	97.9	131.8	122.8	52.6	405.1	10	Ci.-S.	Cu.	6	Ci.	Cu.	
27	N	Calm	Calm	SW	Calm	N	27.9	31.1	53.9	37	149.9	9	Ci.	Cu.	6	A.-Cu.	Cu.	
28	N	N	NE	E	NE	N	42.1	56.8	71.4	68.4	238.7	7	Ci.	Cu.	7	Ci.	Cu.	
29	N	N	NE	E	NE	NE	63.8	83.4	74.2	39.6	261	3	------------	Cu.	4	------------	Cu.	
30	NE	N	NE	NE	N	N	41.3	71.3	98.7	82.6	293.9	3	------------	Cu.	7	Ci.-S.	Cu.	
Mean	------	------	------	------	------	------	73.7	107	118.3	77.1	376.1	6.8	------------	------------	7.2	------------	------------	
Total	------	------	------	------	------	------	------	------	------	------	11,283.1	----	------------	------------	----	------------	------------	

ILOILO.

[ϕ= 10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.20	59.43	60.46	58.16	58.90	60.11	24.2	24.5	28.3	29.1	27.6	24.7	29.4	23.7	93	91	68	65	72	89	------
2	59.29	59.80	60.61	58.71	59.55	59.98	24	23.1	28.4	30	27.2	24.8	30	22.6	86	91	64	62	78	85	------
3	59.61	60.48	61.46	59.60	60.37	61.63	23.4	23.7	28.5	30.1	27.1	24.5	30.7	23.1	88	90	67	60	66	83	------
4	60.47	61.32	62.11	60.21	60.99	62.06	24.4	23.6	29	29.6	27.2	25.6	30.1	23.2	85	86	57	57	68	79	------
5	60.81	61.42	61.98	59.67	60.65	61.63	25.4	24.4	27.5	29.6	27.6	25.5	29.6	23.5	84	88	72	61	70	78	2.8
6	60.82	61.08	61.46	59.67	60.06	61.11	24.5	24.2	28.5	29.6	26.8	24.8	30	23.9	84	86	58	52	71	82	------
7	59.84	60.07	61.01	59.02	59.70	60.85	24.6	24.7	28.1	28.7	26.1	25.2	29	24	82	82	65	65	82	85	6.6
8	59.63	59.51	59.98	57.71	59.07	60.33	24.2	24.1	28.1	29.2	26.5	25	29.5	23.4	93	91	66	62	76	88	------
9	58.99	59.13	60.20	58.13	59.11	60.16	25	24.6	28.4	29.4	26.5	24.6	29.6	24.3	84	87	65	59	79	91	2.3
10	59.23	59.59	60.82	58.66	59.23	60.85	24.4	24	28.5	29.7	27	25.4	30.2	23.7	90	91	65	58	66	84	15
11	59.70	59.68	59.92	57.63	58.25	59.82	24.4	23.6	28.4	29.6	27.9	25.6	29.9	23.1	88	90	70	61	70	83	------
12	58.96	59.20	59.87	57.16	58.16	59.85	24.8	24.1	29	29.6	27.7	25.2	30.2	23.5	87	89	68	64	71	87	------
13	58.53	58.88	59.90	57.46	58.05	59.47	24.8	24.6	28.6	30.4	28.3	25.9	30.6	24.2	89	91	72	60	70	88	10.5
14	58.47	57.84	58.92	57.09	58.47	59.32	24.6	24.6	28.6	29.7	25.4	25	30	23.6	93	92	71	62	84	87	------
15	58.23	58.36	59.02	56.87	58.36	59.09	24.6	25	28	30.1	26.7	25.3	30.5	24	91	89	74	64	86	89	.8
16	58.87	59.63	60.32	57.55	58.57	60.17	25.2	25.1	27.5	30.1	28.1	25.6	30.5	24.7	92	92	77	61	70	87	------
17	59.17	59.67	60.35	58.04	59.31	60.33	25.2	24.8	27.8	30.5	27.1	25.1	31	24.4	90	89	72	58	79	90	------
18	59.63	59.64	59.75	58.36	59.40	60.67	24.2	24.1	28.5	30.7	27.2	25.2	31	23.8	93	91	70	61	77	87	------
19	59.95	60.37	61.07	58.90	60.39	61.61	24.8	24.5	29	29.7	28	24.5	30.2	24	89	90	67	64	70	86	------
20	60.97	60.99	61.66	59.16	60.60	60.92	23.8	23.6	28.7	29.8	27.2	24.6	30.2	23.1	86	86	66	56	73	90	1
21	60.11	60.81	60.85	58.79	59.48	60.20	24.5	24.1	26.7	27.2	25.7	25.4	27.7	23.5	89	86	77	79	87	85	------
22	59.03	59.04	59.91	57.30	58.15	59.63	24.6	24.6	28.4	29	27.7	25.8	29.1	23.6	91	91	75	71	69	81	------
23	58.67	58.63	59.48	57.83	58.71	60.08	25	24.6	28.8	28.8	27.1	25.1	30.9	24	90	90	69	74	83	87	------
24	59.26	59.10	60.37	57.57	58.50	59.38	23.6	24	27.6	29.8	25.7	25.1	30.5	23	90	86	70	62	82	87	------
25	58.57	58.95	59.76	57.55	58.36	59.53	24.4	23.6	28.1	29.3	28.1	25.6	30	23.3	90	90	70	60	77	91	.5
26	58.74	59.14	60.42	57.70	58.34	59.52	25.1	23.6	28.9	29.1	28.5	25.7	30.7	23.4	94	95	71	75	73	87	------
27	58.60	59	59.32	57.66	58.66	59.92	25	24.6	28.7	29.5	27.4	25.5	30.3	24.1	93	96	76	68	75	86	.8
28	59.33	59.80	60.61	58.42	59.44	60.76	24.5	23.6	27.4	28.5	26.1	24.5	28.8	23	91	90	74	68	79	85	------
29	60.69	61.34	60.96	59.37	60.75	61.97	23.6	23.5	27.7	28.7	26.5	24.8	29.6	22.9	86	83	62	66	76	85	------
30	61.04	61.57	62.72	60.76	62	63.21	24.5	24.6	29	30.6	27.1	23.5	30.9	23	87	90	71	65	83	96	23.9
31	62.17	62.91	63.31	61.13	62.42	63.89	23.5	23.6	25.6	28.9	26.5	24.5	29	23	92	95	83	68	80	88	------
Mean	59.57	59.88	60.60	58.45	59.42	60.58	24.5	24.2	28.2	29.5	27.1	25.1	30	23.6	89	89.5	69.4	63.5	75.5	86.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	64.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	80.3	122	143.7	73	419	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	N	N	NE	NE	NE	N	78.3	126.5	136.5	93.8	435.1	6	Ci.	Cu.	2	------	Cu.
3	N	N	NE	NE	NE	N	98.7	138.2	128.7	76.1	441.7	6	Ci.	Cu.	5	Ci.	Cu.
4	N	N	NE	NE	NE	NE	104	144.8	150	106.4	505.2	1	------	Cu.	8	Ci.	Cu.
5	N	N	NE	NE	NE	N	105.7	124.4	187.2	112.1	529.4	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
6	N	N	NE	NE	NE	N	139.7	169.4	185.1	103.6	597.8	9	Ci.	Cu.	6	Ci.	Cu.
7	N	N	NE	NE	NE	N	137.8	159.5	182.9	111.2	591.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
8	N	N	NE	NE	NE	N	114.6	155.3	199.1	118.1	587.1	7	Ci.-S.	Cu.	5	Ci.	Cu.
9	N	NNE	NE	NE	N	N	131.8	176	188.7	109.4	605.9	8	Ci.	Cu.	5	------	Cu.
10	N	N	NE	NE	NE	N	105.1	157.5	142.6	81.8	487	10	Ci.-S.	Cu.	4	------	Cu.
11	N	N	NE	NE	NE	N	92.3	130.4	146.2	78.7	447.6	7	Ci.-S.	Cu.	4	------	Cu.
12	NE	N	NE	NE	NE	NE	74.3	128.4	143.4	97.2	443.3	5	Ci.	Cu.	5	------	Cu.
13	N	N	NE	NE	NE	N	100.9	128.4	153.7	101.1	484.1	7	Ci.	Cu.	5	------	Cu.
14	NE	NE	NE	NE	NE	NE	100.3	147.9	184	89.6	521.8	9	Ci.	Cu.	8	Ci.	Cu.
15	N	N	NE	NE	NE	N	104.8	118.5	123.3	89.8	436.4	8	Ci.	Cu.	6	Ci.	Cu.
16	N	N	NE	NE	NE	NE	96	100.1	136.5	85	417.6	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
17	N	N	N	NNE	NE	N	80.3	130.4	130.7	96.6	438	8	Ci.	Cu.	5	A.-Cu.	Cu.
18	N	N	NE	NE	N	NE	78.4	114	134.7	85.3	412.4	8	Ci.	Cu.	5	------	Cu.
19	N	N	NE	NE	NE	N	85.3	136.3	130	123.1	474.7	7	Ci.	Cu.	6	Ci.	Cu.
20	N	N	NE	NE	NE	NE	105.1	150.8	169.4	105.7	531	6	Ci.	Cu.	6	Ci.	Cu.
21	N	N	N	NE	N	N	103.2	133.6	91.4	78.9	407.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	N	N	NE	NE	NE	N	66.3	102.2	115.3	82.7	366.5	6	Ci.	Cu.	8	Ci.	Cu.
23	N	N	N	NE	NE	NE	67.4	114.6	140	100.3	422.3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
24	NE	NE	NE	NNW	NE	NE	66	106.8	127.4	46.9	347.1	2	------	Cu.	7	Ci.	Cu.
25	Calm	Calm	SW	SW	SSW	Calm	19.3	43.5	64.2	28	155	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
26	Calm	N	SE	SW	S	NE	19.1	48.1	70.6	39.6	177.4	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
27	Calm	N	E	NE	N	N	24.7	53.7	83.7	71.3	233.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	NE	N	NE	NE	N	N	80.3	105.2	158.9	103.3	447.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	N	N	NE	NE	N	N	99.5	158.2	164.1	72.6	494.4	8	Ci.-S.	Cu.	6	Ci.	Cu.
30	N	N	NE	NE	N	N	61.7	81.1	87.2	88.2	318.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
31	N	N	N	NE	N	N	90.7	134.6	168.9	86.4	480.6	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	87.5	123.9	140.9	88.3	440.5	7.8	------	------	6.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	13,656.2	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.43	59.99	58.24	59.56	60.25	25.6	24.8	28.1	27.4	25.5	24.4	29.8	24.1	83	88	79	84	93	96	21.9
2	58.88	58.87	59.35	57.12	57.83	59.46	24.1	21.9	28.5	30.5	27.5	23.2	31.4	21.5	96	96	70	55	68	89	------
3	58.99	58.99	59.54	57.57	58.36	59.79	22.3	23.6	28.6	29	27.6	25.9	31	22	92	93	75	69	80	93	9.6
4	59.43	59.55	61.11	59.12	59.41	60.48	25.1	24.8	24.8	27.9	27.3	26.3	28.5	24.4	95	96	97	80	76	86	9.1
5	59.60	59.24	59.90	57.83	59.18	60.39	26.3	26.4	29.6	29.4	24	23.9	31	23.4	80	79	64	66	95	92	12.2
6	59.59	59.23	59.75	57.22	57.80	58.90	23.8	23.4	27.3	29.8	27.8	25.6	30.4	22.9	92	95	80	69	62	81	.3
7	58.23	58.34	59.51	57.61	58.31	59.52	24.5	24.4	26.5	26.4	26	24.4	28.1	23.5	89	92	86	87	89	96	2.8
8	58.88	58.98	59.74	57.98	59.13	60.12	24.1	22.4	27.3	28.9	25.1	24.8	30.1	21.8	86	95	81	74	88	92	18.7
9	58.72	58.44	59.29	57.59	58.23	59.01	24.2	24	28.1	28.9	28.1	26	30	23.3	96	94	79	74	78	95	.8
10	58.49	58.67	59.79	57.46	58.05	59.59	24.7	23.8	28.8	31.3	28.2	26	32	23.8	83	89	71	54	65	72	------
11	59.07	59.58	60.60	58.36	59.31	60.22	23.3	23.5	29.1	31.4	26.9	24.5	31.4	21.4	80	79	61	50	66	78	------
12	60	60.56	61.01	58.50	59.58	60.97	22.8	20.9	28	30.5	27.4	25.4	30.9	19.1	74	83	62	46	60	68	------
13	60.51	60.87	61.43	59.07	59.83	60.77	22	19.5	27.9	31.2	27.5	23.4	32.1	19.3	79	95	67	49	66	83	------
14	60.10	60.66	61.60	59.63	60.74	61.86	21.4	20.3	27.3	30	26.2	25	30.8	19.6	91	91	77	60	82	79	------
15	61.22	61.43	62.37	59.89	61.29	62.66	22.9	22.6	29.3	30.5	27.4	24.7	31.8	22.2	90	94	66	62	64	77	------
16	61.88	62.51	63.16	60.12	61.05	62	21.7	19.9	27.4	30.4	27.1	23.4	30.5	19.4	82	90	66	62	75	90	------
17	61.33	61.54	62.14	59.67	60.29	61.31	21.4	19.8	27.5	29.9	27.7	23.3	30.5	19.3	90	95	62	58	68	90	------
18	60.90	61.44	62.21	59.60	60.30	61.61	22.9	22.9	27.8	28.8	28.3	25.1	29.4	22.4	92	93	71	70	74	83	------
19	60.91	60.95	61.85	59.89	60.69	61.94	25.4	21.4	28.2	30.2	27.5	26.1	30.6	21	75	91	68	64	75	75	------
20	61.48	62.22	62.78	59.93	60.49	61.70	23	23.6	27.9	30.1	28.2	23.3	30.8	21.5	86	87	76	68	63	84	------
21	61.41	61.68	62.59	60.41	60.65	61.41	20.6	19	27.7	30.3	27.2	26.1	31	18.8	88	95	64	59	78	79	.8
22	61.20	61.52	62.69	60.86	61.04	62.06	22.5	21.4	30	30.1	28.4	24	30.9	20.8	89	93	56	64	70	82	------
23	61.91	62.21	62.68	60.47	61.21	61.69	21.8	21.2	28.1	29.4	26.9	23.5	31.7	20.5	91	92	72	61	80	95	1
24	61.37	61.71	62.41	59.98	61.04	62.26	21.8	22.1	27.6	28.4	27.1	22.8	30.1	20.7	88	88	72	70	79	89	------
25	61.97	62.46	62.85	60.69	61.78	62.81	21.7	20	29.1	32.4	27.9	26.2	33.1	19.9	92	94	69	46	61	70	------
26	62.42	62.93	63.44	60.96	61.79	62.91	23.2	23.8	28.7	31.9	27.9	24.6	31.9	22.4	88	87	61	48	62	86	1.3
27	62.22	62.86	63.41	61.08	61.64	63	24.7	25.4	27.9	29.6	26.5	22.7	31.2	22.4	74	69	55	49	59	89	------
28	61.82	61.93	62.71	60.96	61.81	62.86	22.5	24.4	26.5	27.4	25.4	23.5	28.3	21.2	87	75	70	72	74	87	2.6
29	62.11	62.48	63.36	61.45	62.03	63.35	23.1	22.8	23.6	23.2	23.7	23.1	24	22.4	90	95	96	97	96	98	61.3
30	61.76	62.06	63.50	61.64	61.71	62.80	22.9	22.9	24.7	26.5	26.1	26.8	27.4	22.2	96	95	89	72	65	64	.3
31	62.71	62.92	63.31	61.15	61.95	63.30	25.9	23.4	27.6	28.1	26.9	25.4	29.4	22.4	67	80	68	65	62	68	------
Mean	60.60	60.85	61.62	59.42	60.20	61.32	23.3	22.6	27.7	29.3	26.9	24.6	30.3	21.6	86.5	89.6	71.9	64.6	73.3	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	142.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	SW	S	E	SSE	35.7	37.2	41.3	17.7	131.9	6	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
2	NE	N	SW	SW	E	NE	18.5	43.7	48	21.4	131.6	6	A.-Cu.	Cu.-N. E	2	Ci.	Cu. NE
3	N	N	WSW	SSW	N	N	29.6	34.9	69	17.5	151	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
4	N	N	N	SW	ENE	SE	18.3	34.1	27.4	13.1	92.9	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
5	NE	NE	SW	SE	NNW	N	39.9	44	53.7	33.8	171.4	8	Ci.-S.	Cu.-N. E	10	A.-Cu.	Cu.-N. E
6	N	N	NW	S	NE	NE	29.3	36.4	60.9	26.8	153.4	8	Ci.-S.	Cu.-N. E	9	Ci.	Cu.-N. E
7	NW	NW	NW	W	N	N	20.6	33.3	41.3	25.5	120.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
8	N	N	NW	SW	ENE	NNW	20.6	33	27.7	21.9	103.2	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
9	N	Calm	WNW	ESE	S	N	21.1	29.2	40.7	15.1	106.1	8	A.-Cu. ESE	S.-Cu.	10	Ci.-S.	Cu.-N.
10	N	NNE	S	N	E	NE	12.7	42.4	56.8	44.6	156.5	6	Ci.-S.	Cu.-N. E	4	Ci.	Cu.
11	N	NE	SSE	SE	E	E	21.1	45.7	87.2	27.9	181.9	6	Ci.	Cu.	7	Ci.	Cu. NE
12	NE	N	S	NE	NE	NE	32.2	46.7	65.4	20.4	164.7	6	Ci.	Cu. E	7	Ci.	Cu.
13	NE	N	W	SE	E	N	24.1	40.5	88.7	25.5	178.8	6	Ci.-S.	S.-Cu.	6	Ci.	Cu. ENE
14	NNW	N	S	SW	ENE	NE	24.7	42	79.4	13.9	160	5	Ci.-S.	Cu.-N.	4	Ci.	Cu. ENE
15	N	N	SSW	S	E	NE	18.3	41	86.7	20.1	166.1	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E
16	NE	N	W	S	Calm	SW	19.5	27.9	53.6	14.3	115.3	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
17	SW	SW	SW	S	W	W	24.1	30.6	50.7	14	119.4	2	Ci.	S.-Cu.	4	Ci.	Cu. NE
18	W	W	WSW	S	SE	ENE	12.7	29	65.5	28.4	135.6	3	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. E
19	WNW	NNW	SW	SSE	SE	ESE	15.9	33.6	62.8	16.1	128.4	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NNE
20	NNE	Calm	S	S	ENE	NE	22.8	34.9	90.1	16.9	164.7	9	Ci.	Cu.-N. E	3	------	Cu. E
21	N	N	WNW	S	N	E	27.7	36.2	45.1	16.4	125.4	2	Ci.	S.-Cu.	4	Ci.-S.	Cu. E
22	N	N	ESE	S	SW	SSE	25.5	35.1	60.4	22.2	143.2	5	Ci.-S.	S.-Cu.	4	Ci.	Cu.
23	N	N	W	S	S	NNW	19.3	35.9	66	18.8	140	2	Ci.	S.-Cu.	10	A.-Cu.	Cu.-N. ENE
24	N	NNW	SW	SSE	N	NNE	23.6	42.8	73.8	19.3	159.5	5	Ci.-S.	Cu.-N. E	9	A.-Cu.	Cu.-N. ENE
25	NW	NNW	SW	ENE	NE	NE	23.1	31.9	69.8	27.7	152.5	2	Ci.	S.-Cu.	5	Ci.	Cu. E
26	NE	NNE	NNE	NNE	NE	ENE	20.4	31.4	48.3	28.8	128.9	6	Ci.-S.	Cu.-N. E	9	Ci.	Cu.-N. ENE
27	NE	NNE	NNW	NNE	N	NNW	32.8	67.1	79.4	57.7	237	9	Ci.-S.	Cu.-N. ENE	8	Ci.	Cu.-N. ENE
28	NW	NNW	WNW	NNW	N	N	60.9	81.8	61.4	41.3	245.4	10	Ci.-S.	Cu.-N. NNE	10	A.-Cu. ESE	Cu.-N. NE
29	N	Calm	N	N	NW	NW	18	9.5	18.7	13.4	59.6	10	Ci.-S.	N.	10	------	N.
30	W	NW	NW	ENE	NW	SW	19	46.2	41	38.6	144.8	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
31	NE	N	NNE	NE	ENE	NE	45.1	42.3	63.9	61	212.3	5	A.-Cu.	Cu.-N. ENE	9	A.-Cu.	Cu.-N. NE
Mean	------	------	------	------	------	------	25.1	38.7	58.9	25.2	147.8	6.5	------	------	7.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,582.2	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.70	62.40	63.81	61.61	62.33	63	24.5	23.5	25.7	28	26.1	25.4	29.1	22.9	72	76	78	64	62	65	------
2	61.20	61.97	62.63	60.50	60.85	61.82	25.2	25.4	27.9	28.8	24.9	24	29.1	23.4	69	68	67	64	88	91	0.5
3	60.26	60.40	61.56	59.21	60.06	61.24	23.7	24	25.9	27.1	25.3	25.7	27.9	23	92	91	85	76	79	78	4.4
4	60.37	60.41	61.26	59.05	59.36	60.07	23.6	23.4	26.4	26.6	24.4	23.8	28.4	22.7	90	95	80	86	93	89	3.1
5	60.26	60.56	61.50	59.46	59.95	61.37	23.6	22.4	27.6	29.9	28.4	24.1	30.5	21.6	90	93	76	60	66	82	------
6	60.61	60.73	61.48	59.83	60.56	61.76	22.9	22.9	27.5	28	25.8	25	28.9	22	90	93	73	77	82	79	4.8
7	61.11	61.05	61.48	59.49	59.98	61.40	25.4	25.4	29.1	30.5	28.3	25.3	32.2	21.8	69	68	53	62	66	69	------
8	60.79	60.43	61.25	59.28	59.88	61.50	20.8	20.4	27.5	31	27.5	25	31.8	19.4	86	91	69	50	60	71	------
9	60.80	61.29	61.99	59.56	59.38	61.03	21.6	19.8	27.4	31.1	28	24.9	31.7	19.4	84	91	68	54	63	76	------
10	60.41	60.86	62.46	60.19	60.60	61.67	22.4	20.9	24.6	28.5	27.4	22.4	29.8	20.4	92	95	91	64	72	91	------
11	61.02	61.26	62.53	60.38	60.95	62.02	20.5	19.4	27.9	29.5	27.5	24.9	30.6	18.8	91	91	68	61	73	76	------
12	61.21	62.50	62.63	60.58	61.17	62.21	22.6	22.9	28.1	28.5	25.8	23.8	28.9	21.3	88	87	66	64	84	88	------
13	61.50	61.47	62.63	60.95	61.74	62.79	24.4	24.4	26.4	25.2	24.2	25	27.4	22.8	82	80	78	88	81	76	6.9
14	61.36	62.70	63.61	61.90	62.64	64.30	24.3	23.1	28.5	29.5	27	24.4	31	22.5	80	86	64	61	73	77	------
15	63.41	62.97	63.79	61.63	62.42	64.25	21.4	24.7	28.9	30.6	27.4	25	31.8	21.2	90	72	61	53	68	71	------
16	63.81	63.97	64.71	61.88	62.13	63.21	20.1	20.2	28.2	30.4	28.1	24.6	31.8	19.7	93	98	65	56	68	75	------
17	61.90	62.12	62.98	60.34	60.89	62.25	23.2	22.3	29.6	31	26.8	25	31.1	20.8	84	89	49	45	56	67	------
18	61.07	61.10	61.63	59.28	59.65	60.96	23	24	28.8	31.9	27.6	25.9	32	20.6	74	70	55	44	58	65	------
19	59.09	59.80	60.76	58.97	59.51	60.70	21.9	21.3	29.4	28.4	24.4	24.3	32	20.9	84	89	59	64	92	91	7.2
20	59.04	58.96	58.71	57.45	58.72	60.11	23.6	24	28.9	29	26.9	25	29.8	22.8	91	97	62	62	81	87	4.1
21	59.39	59.33	59.88	58.28	59.59	60.17	23.9	21.6	28.5	26.7	24.2	23.5	29.7	21.5	90	96	69	83	91	90	20.8
22	58.93	58.85	59.50	57.77	58.38	59.37	23.2	23.3	28.4	30.9	27	22.1	31.1	21.2	92	92	71	57	69	92	------
23	58.44	58.91	60.10	57.35	58.27	59.26	22.7	20.3	28.1	29.4	27.2	25.5	31.4	19.7	89	98	65	65	79	75	------
24	57.91	58.77	59.56	58.26	58.75	59.79	24.1	23	27.9	27.1	27	23.9	29.9	22.6	82	90	77	84	72	87	.8
25	59.47	59.90	60.78	58.64	59.20	60.19	22.1	21.1	28.5	31	27.5	26.3	32.2	20.6	96	95	70	56	66	72	------
26	59.32	59.19	60.36	58.04	58.08	59.58	21.9	19.4	28.1	30.4	28.3	23.7	30.5	19.4	86	95	65	61	66	89	------
27	58.46	59.40	60.16	58.10	58.25	59.23	22.5	23.1	28.4	25.5	25	24.4	30.1	21.9	92	85	70	92	95	93	10.2
28	58.27	58.79	59.79	58.44	59.44	60.34	23.6	23	29.7	26	24.5	24.3	30.8	22.8	89	92	63	87	92	95	8.1
Mean	60.43	60.72	61.55	59.52	60.10	61.27	23	22.5	27.9	28.9	26.5	24.5	30.4	21.3	86	88	68.5	65.7	74.8	80.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	70.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	SW	N	NNE	ENE	N	42.4	44.3	77.4	81.8	245.9	7	Ci.-S.	Cu.-N. ENE	9	A.-Cu. ESE	Cu.-N. NE
2	N	N	N	NNE	W	W	83.9	63.6	51.5	12.9	211.9	6	Ci.-S.	Cu.-N. NE	10	A.-Cu.	Cu.-N. NE
3	N	WNW	SW	W	ENE	WSW	32.2	36.4	30.1	25.2	123.9	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. NE
4	Calm	ENE	NNW	WNW	N	W	9.7	41.2	38.1	19.5	108.5	10	Ci.-S.	N.	10	A.-Cu.	Cu.-N. NE
5	N	N	NNW	SSW	Calm	ESE	25.2	45.3	31.1	15.3	116.9	7	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu. ENE
6	NW	N	SW	S	NE	NE	14	31.6	26.8	28.5	100.9	9	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N. E
7	ENE	NE	NE	ESE	SW	NE	37	67.8	74.5	32.7	212	3	A.-Cu.	S.-Cu.	2	------------	Cu.
8	NE	N	S	ESE	E	NE	31.1	37.5	87.7	27.6	183.9	8	Ci.-S.	S.-Cu.	4	------------	Cu.-N. E
9	N	W	W	SSW	E	NE	21.9	47.2	65.2	17.4	151.7	2	Ci.	Cu.-N.	3	------------	Cu.-N. E
10	NE	N	SE	SW	SE	NE	13.2	30.3	37.6	17.9	99	4	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
11	N	N	W	S	NW	NE	25.2	40.2	48.5	19.5	133.4	1	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.-N. ENE
12	N	N	W	NNE	W	NE	19.6	40.2	52.5	24.1	136.4	7	A.-Cu.	Cu.-N. ENE	10	A.-Cu.	Cu.-N.
13	NE	N	N	S	NNE	NE	30.8	30.3	50.5	32.8	144.4	8	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N.
14	NNW	NW	SE	ENE	SE	NE	26	45.9	46.9	34.9	153.7	9	A.-Cu.	Cu.-N. NE	10	A.-Cu.	Cu.-N. NE
15	N	NNE	ENE	ENE	ENE	NE	26.9	61.8	63.6	37.2	189.5	7	A.-Cu. ESE	S.-Cu.	5	A.-Cu.	Cu.
16	N	NE	SW	S	SE	NE	20.7	36.4	79.7	42	178.8	1	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. ENE
17	NE	NE	ENE	ENE	NE	E	17.1	51.5	88.2	27.2	184	9	Ci.	S.-Cu. ENE	10	Ci.-S.	Cu. N
18	NNE	NE	S	NNE	NE	NE	27.2	62.3	63.6	36.7	189.8	10	Ci.-S.	S.-Cu. NE	7	Ci.	Cu. E
19	W	N	ESE	ESE	SW	N	20.4	40.4	35.4	26.6	122.8	6	Ci. SE	S.-Cu. NE	10	Ci.-S.	Cu.-N. E
20	N	NE	E	ESE	ENE	NE	31.4	40.7	68.4	30.4	170.9	10	Ci.-S.	S.-Cu.	10	Ci. SE	S.-Cu. ENE
21	N	N	SW	SW	NNW	Calm	16.3	46.1	44.3	20.1	126.8	2	Ci.	S.-Cu.	10	A.-Cu.	Cu.-N. E
22	NW	Calm	W	E	SSE	E	20.4	32.5	60.9	29.6	143.4	10	A.-Cu.	Cu.-N. E	3	------------	Cu. ENE
23	NW	NW	W	SSE	E	E	23.9	36.4	70.2	26.6	157.1	2	Ci.	S.-Cu.	5	Ci.	Cu. E
24	NNE	NbyW	SW	S	SE	E	24.9	38.6	58.4	21.9	143.8	9	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N.
25	E	NE	SSW	ENE	NE	E	20.3	42	64.1	41.8	168.2	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
26	NE	NE	SW	S	SE	NE	28	38.1	74.5	17.7	158.3	1	Ci.	------------	4	Ci.-S.	Cu. NE
27	N	Calm	W	ESE	Calm	SW	15.8	34	43	12.1	104.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
28	E	N	ENE	SE	N	N	21.1	53.6	52.1	16.9	143.7	8	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N.
Mean	------	------	------	------	------	------	26	43.4	56.6	27.7	153.7	6.4	------------	------------	7.9	------------	------------
Total	------	------	------	------	------	------	----	----	----	----	4,304.5	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.86	60.52	61.64	59.84	59.95	61.36	23.3	23	26	25.2	26.8	23.1	29.4	21.5	92	96	86	93	78	94	2
2	60.22	60.86	61.19	58.57	58.72	60.35	22.2	20.3	29.2	30.3	28	25.5	31.3	19.5	87	91	57	58	63	75	------
3	59.16	59.40	60.39	58.16	58.48	60.06	22.2	21.4	28.1	30.3	27.4	26.5	31.4	20.8	84	90	62	57	68	68	------
4	59.23	59.70	60.13	57.82	58.33	59.93	23.4	24.9	30.1	31.2	27.5	23.9	32	22.2	82	72	54	52	62	81	------
5	58.77	59.20	60.19	57.92	58.28	59.64	22.2	21.3	28.7	30.9	28.3	25.2	31.3	21	92	90	65	52	64	84	.3
6	58.59	59.05	59.78	57.77	58.04	59.94	24.3	21.8	28	30.4	28.6	25	31.6	21.5	83	96	72	60	64	78	------
7	58.67	58.80	59.89	58.33	57.99	59.12	23.5	22.6	27.1	26.1	25.4	23.2	28.2	22.6	86	91	78	86	90	97	5.6
8	57.89	57.79	58.92	56.80	57.18	58.38	21.7	20.3	28.3	29.7	27.4	24.6	30.2	20.2	96	95	72	71	81	90	8.7
9	57.44	57.50	58.35	56.25	56.77	57.89	22.6	22.2	28.2	31.9	27.8	23.5	32.1	21.6	94	94	74	52	69	78	.3
10	57.02	57.96	59.25	57.64	58.03	59.57	22.4	21	29.5	31.1	28.4	23.5	32.1	20.6	87	97	58	55	64	82	------
11	58.97	59.23	59.94	57.68	58.12	59.70	21.4	22	27.9	31.1	28.6	25.8	32.1	20.3	90	92	78	68	63	69	1.3
12	58.69	58.98	59.84	57.29	57.41	58.89	22	20.7	28	30.5	29.4	24.4	31.4	20.3	88	92	70	67	65	87	------
13	58.03	58.88	59.58	57.08	57.70	59.08	23	22	29.1	30.9	26	24.4	31.8	21.6	94	93	70	67	87	91	21.6
14	58.33	59.18	60.07	57.73	58.62	60.25	23.1	22.3	30.3	30.7	26.9	24.6	31.6	21.8	92	95	66	72	87	88	.5
15	59.44	59.69	60.12	57.83	58.34	60.06	23.6	24.3	30.8	32.5	29	26.9	32.8	22.6	90	87	60	50	58	66	------
16	58.63	59.12	59.75	57.72	58.13	59.81	26.2	25	30.5	30.7	29.3	26.3	31.8	22.9	70	73	56	59	64	77	------
17	58.71	59.61	60.18	57.82	58.15	59.65	26.2	23.7	28.4	32.1	28.4	24	32.3	23	67	92	72	53	64	79	------
18	58.69	59.30	60.30	58.06	58.37	59.69	24.2	22.1	29.2	32.1	29.2	26.9	33	21.4	81	88	54	45	58	68	------
19	58.10	58.43	59.68	57.96	58.67	59.78	25	24.5	27.3	31.9	28.8	26	32.9	22.8	80	86	78	48	64	71	.3
20	58.63	59.18	60.75	58.61	58.67	60.50	24.4	23.5	28.6	31.5	28.1	24	32.8	21.6	78	93	71	55	63	78	------
21	59.54	59.24	59.78	57.57	57.59	58.92	21.2	20.1	28.8	30.5	28.7	23.4	32.2	18.9	87	89	58	59	59	76	------
22	57.65	58.18	59.53	57.56	58.02	59.36	20.9	20.4	28.9	29.6	25.3	24.1	31.6	20.1	88	94	62	63	88	96	34.8
23	57.61	58.03	58.99	56.96	57.65	59.26	22.1	20.6	28.8	31.3	28.2	22.9	32.6	20	94	95	67	58	63	87	------
24	58.48	59.30	60.34	58.93	59.17	60.85	23.8	21	30.4	31	28.9	24.9	32.1	20.6	90	96	53	48	47	67	------
25	60.04	60.30	61.07	59.25	58.94	60.74	22.8	22.9	29.6	29.1	29.2	26.4	32.4	20.4	87	79	65	74	56	68	------
26	59.49	59.70	61.13	59.32	59.39	60.88	24.7	25.7	29.6	31.3	28.1	25	32.1	23.3	75	67	49	44	56	70	------
27	60.26	60.62	61.40	59.43	59.53	61.47	22.8	23.5	25.1	25.5	27.3	22.4	29.4	20.4	80	83	88	93	68	82	5.4
28	60.38	60.37	61.44	59.27	59.64	61.11	20.4	20.7	28.3	30.3	28	26.1	30.9	19.9	91	96	72	66	70	79	------
29	59.88	60.30	61.23	58.87	59.36	60.96	23.9	24.9	29.1	31.8	28.4	26.1	32.7	22.3	90	72	60	45	62	67	------
30	59.62	60.36	61.45	59.44	59.89	61.08	23.6	20.8	30.3	29.6	28.4	24.1	33	19.9	76	91	55	57	63	82	------
31	59.67	59.87	61.13	58.78	59.28	60.74	23	23.6	29.2	32.3	28	22.3	33	21.6	84	80	62	44	61	96	------
Mean	58.89	59.31	60.24	58.14	58.46	59.97	23.1	22.4	28.8	30.4	28	24.7	31.7	21.2	85.6	88.5	65.9	60.4	66.7	79.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	80.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NNW	S	S	E	43.5	37.2	87.6	17.4	135.7	10	A.-Cu.	Cu.-N. ENE	10	A.-Cu.	CU.-N. ENE
2	NW	NW	NE	S	ENE	NE	21.7	48.3	77	48.3	195.3	3	Ci.	S.-Cu.	8	Ci. SE	Cu. ENE
3	NE	N	W	SE	NE	ENE	23.8	49.3	60	44.3	177.4	2	Ci.	S.-Cu.	8	A.-Cu.	Cu. ENE
4	N	ENE	SE	ESE	ESE	E	25.2	54.4	95.5	23	198.1	5	Ci.	S.-Cu.	9	Ci.-S.	Cu. E
5	NE	NE	E	SE	SE	E	21.9	43.2	90.4	20.3	175.8	4	Ci.	S.-Cu.	8	Ci.	Cu. E
6	E	NE	SW	S	NE	NE	20.3	40.8	69.2	18.7	149	4	Ci. SE	S.-Cu.	8	Ci.-S.	Cu. E
7	NE	N	W	SSW	Calm	SW	20.9	17.5	39.6	14.7	92.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	NW	NW	W	SSE	WSW	SW	21.7	28.4	38.3	18.2	106.6	2	Ci.	Cu.	9	Ci.-Cu.	Cu.-N. E
9	W	W	W	ESE	E	NNE	23.8	35.6	74.2	26.8	160.4	7	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu. E
10	N	N	NE	NNE	NE	NE	24.9	59.8	59.2	20.7	164.6	7	Ci.	Cu.-N.	8	Ci.	Cu.-N. E
11	NE	NW	W	S	E	E	24.9	27.2	71.9	21.4	145.4	10	A.-Cu.	Cu.-N. E	5	Ci.-S.	Cu. E
12	N	N	W	S	S	NE	29.5	41.3	55.3	24.1	150.2	1	Ci.	------------	5	Ci.	Cu. E
13	NE	NE	S	S	ESE	NE	20.6	31.1	79.5	19.8	151	1	Ci.	S.-Cu.	4	Ci.-S.	Cu.
14	N	N	NNW	S	NE	N	21.1	40.2	48	17.9	127.2	2	A.-Cu.	Cu.	8	A.-Cu.	Cu.-N. E
15	Calm	NE	ENE	ENE	NE	NE	14	49.3	104.3	54.7	222.3	3	A.-Cu.	Cu.-N. E	3	Ci.	Cu. E
16	NE	NE	S	SW	NE	N	37	58.9	75.1	32.5	203.5	3	Ci.	Cu.	6	Ci.	Cu.-N. E
17	NE	E	SW	SE	ESE	E	23.5	46.5	98.2	23.9	192.1	9	Ci.	Cu.-N.	7	Ci.	Cu. E
18	E	N	SW	ENE	NE	NE	27.1	53.7	63.1	35.7	179.6	7	Ci.	S.-Cu.	5	A.-Cu.	Cu. E
19	NE	Calm	NW	ENE	NE	NE	30.9	28	66.6	44.6	170.1	10	A.-Cu.	Cu.-N. E	8	Ci.	Cu.-N. E
20	NE	NE	W	SE	E	E	27.2	41.5	102.2	32.8	203.7	9	A.-Cu.	Cu.-N. E	8	Ci.-S.	Cu. E
21	N	N	SW	S	NE	NE	31.1	43.7	74.3	22.3	171.4	6	Ci.	S.-Cu.	7	Ci.	Cu. E
22	N	N	W	SE	N	SW	31.7	42.6	63	27.7	165	3	Ci.	Cu.	9	A.-Cu.	Cu.-N. E
23	NW	NW	SW	SE	SE	E	23.3	50.9	83.5	27.6	185.3	2	Ci.	Cu.	3	------------	Cu. E
24	NE	N	SE	NE	NE	NE	24.7	62.6	74.3	40.7	202.3	2	Ci.	S.-Cu.	3	------------	Cu.
25	NE	NW	NNE	SE	NE	NE	35.4	54.5	89.1?	37.5?	216.5?	3	Ci.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
26	NE	NE	NE	NE	E	NE	36.8	76.4	------	------	------	4	Ci.	S.-Cu. E	7	Ci.	Cu. E
27	N	NNE	NW	S	E	NE	------	------	------	23.5	------	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
28	N	N	SSW	S	E	E	29.8	49.9	86.7	23.9	190.3	9	Ci.	Cu.-N.	7	Ci.	Cu.-N. E
29	N	N	SW	NE	NE	NE	18.5	44.3	74.5	37.8	175.1	3	Ci.	S.-Cu.	4	Ci.	Cu. E
30	NE	NE	S	ENE	E	NE	------	52.3	64.7	------	------	3	Ci.	Cu.	9	Ci.	Cu.-N. E
31	Calm	N	SSE	E	E	NE	------	------	------	------	------	8	Ci.	Cu.-N.	6	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	26.2	45.2	72	28.6	170.6	5.2	------------	------------	7	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60	59.79	60.22	58.08	58.96	60.29	23	22.5	30	32.8	28.5	25.8	33.1	21.6	98	92	64	41	55	70	------
2	59.21	59.62	59.90	57.26	57.56	59.45	23.6	22.3	30.4	31	28.9	26.4	32.9	21.8	76	86	60	60	59	67	------
3	58.88	58.77	59.63	57.48	58.32	59.76	26.2	22.9	29	30.2	28.5	26.4	31.3	22.4	65	88	57	57	57	66	------
4	58.99	59.47	60.27	58.96	58.96	60.85	23.6	22.2	28.5	27	26.7	24.4	29.2	21.9	80	90	68	78	74	75	5.1
5	60.31	59.61	60.19	58.02	58.89	60.69	21.9	20.5	27.7	30.3	24.4	23.7	31	20	88	94	67	59	92	94	2.3
6	59.30	59.23	60.04	57.74	58	59.40	22	21.7	27.8	28.5	27.4	26.4	29.9	21.2	96	97	71	69	77	77	------
7	58.39	58.43	59.10	57.41	58.12	60.01	23.1	21.8	29.4	31.4	28.3	26.4	32.8	21.1	84	92	66	57	64	70	------
8	59	58.83	59.94	57.90	58.50	60.25	22	21.2	28.9	30.8	28.9	26.7	31.1	20.2	91	90	64	61	63	67	------
9	59.19	59.20	59.75	58.24	58.90	60.39	21.6	20.1	29.3	30.1	25.2	24.4	30.7	19.8	90	93	65	65	92	91	2.3
10	58.82	59.28	60.03	58.28	57.44	59.44	23	22.4	28	29.2	27.7	24.5	29.6	21.4	94	91	70	68	73	91	------
11	58.92	58.71	59.13	57.39	57.77	59.30	24.2	23.7	28.8	24.3	26.6	25.5	29.7	23.4	90	91	75	97	90	91	39.9
12	58.59	58.44	59.36	57.78	58.35	59.95	24.1	23.9	28.1	29.3	27.9	24.8	29.8	22.7	81	90	79	76	84	92	------
13	59.08	59.67	60.86	58.44	58.88	60.41	23.9	23.8	25.8	28.4	28.2	26	29.2	23.3	95	96	86	77	73	83	2.8
14	59.82	60.10	60.73	58.36	59.39	60.64	24.8	23.8	29.5	29.8	29	25.7	31.8	23.4	92	94	72	71	69	89	------
15	59.42	59.50	60	57.50	58.76	60.11	23.6	22.9	29.5	29.6	25.4	24.7	30.8	22.5	96	96	74	66	91	93	.3
16	58.59	58.80	59.54	56.78	57.43	60.10	23.1	22.3	29.1	31.3	29	26.5	31.6	21.9	97	96	73	67	80	80	------
17	59.49	59.56	60.10	57.56	58.07	60.35	24.7	23.9	29.6	30.8	29	27	32.3	23.5	92	96	73	67	64	70	------
18	59.90	59.70	60.73	58.65	58.89	60.99	22.7	22.1	29.5	29.1	29.1	26.5	32.1	21.8	93	94	71	75	64	74	1.8
19	59.72	59.55	59.63	57.63	58.63	60.65	23.5	22	30.2	32.6	28.8	26.9	33.5	21.5	87	93	59	53	65	70	------
20	59.46	59.82	60.43	58.28	58.84	60.64	24.3	21.9	29.4	31.5	28.9	25.4	32.3	21.5	84	96	68	56	67	81	------
21	59.79	59.66	60.73	58.47	58.67	60.70	23.9	23.3	29.5	29.4	28.2	23.9	31	22.8	86	90	69	68	68	86	.6
22	60.08	60.10	60.05	57.98	58.38	59.83	21.8	22	29.5	33	29.4	25.4	34.1	21.1	95	95	66	47	61	80	------
23	58.98	58.76	59.15	57.50	57.07	58.52	23.5	24.1	29.4	29.3	29	27.4	30.9	23	90	87	68	72	63	68	------
24	57.70	57.79	58.34	56.03	56.73	58.41	25.1	23	29.7	31.1	29.4	27.4	32.1	22.6	75	88	63	58	63	70	------
25	57.97	58.27	58.28	56.23	57.07	58.61	25.2	24.5	29.5	32.4	28.9	26.6	32.9	23.3	82	87	72	51	62	71	------
26	58.10	58.13	58.88	56.73	57.35	58.58	26.6	23.5	31.9	31.5	28.5	26	33.8	23.1	73	82	51	54	62	79	------
27	57.43	57.74	58.69	57.21	57.52	58.65	24.6	24.7	30.6	26.9	26.1	24.5	31.6	24	82	82	58	83	89	92	7.2
28	56.97	57.43	58.03	55.88	56.99	58.56	24.4	23.8	29.9	32.3	29.3	25.2	32.8	23.2	91	93	73	55	68	98	------
29	57.91	57.98	58.32	55.96	56.82	58.12	24.1	23.9	30	32.5	28.5	27.3	33.4	23.3	94	91	71	54	66	70	------
30	57.37	57.86	58.20	55.93	56.37	57.83	24.5	24.2	30.4	30.4	29.3	25	32.1	23.2	79	83	56	68	74	88	------
Mean	58.91	58.99	59.61	57.52	58.05	59.72	23.8	22.8	29.3	30.2	28.1	25.8	31.6	22.2	87.5	91.1	67.6	64.3	71	79.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	62.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	SSW	ENE	E	NE	-----	52.9	90.7	24.1	-------	3	Ci.-S.	Cu. E	6	Ci.	Cu.
2	NE	N	S	S	E	SSE	27.2	55.2	78.4	29.2	190	5	A.-Cu.	S.-Cu.	5	Ci.	Cu. E
3	NE	N	SE	S	E	NNE	29.3	48.1	81.6	37.3	196.3	8	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. NNE
4	NE	N	S	SE	SE	NE	23	53.3	65.8	33.6	175.7	8	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu.-N.
5	N	N	W	S	NW	SW	29.3	39.9	54.7	25.9	149.8	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. ENE
6	NW	NW	W	SSW	NE	NE	23	40.4	42.3	18	123.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
7	E	N	S	ESE	E	NE	24.6	47.3	74.5	42.4	188.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
8	NE	N	SE	S	SE	E	28.5	53.4	84	35.4	201.3	3	Ci.	S.-Cu.	6	Ci.	Cu. E
9	N	N	S	S	NNW	NNW	30.6	49.6	47.3	24.1	151.6	1	Ci.-S.	------------	10	Ci.-S.	Cu.-N. E
10	N	N	NW	W	N	SW	16.1	28.4	32.5	24.6	101.6	5	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
11	Calm	SW	SW	NW	Calm	E	12.4	39.4	33.6	16.6	102	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
12	NE	Calm	SSE	S	Calm	Calm	13.5	31.6	39.1	11	95.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	S	SW	E	S	S	E	18.8	24.4	57.1	25.7	126	9	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
14	E	E	SW	SE	NE	N	-----	46.5	52.3	17.1	-------	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
15	N	N	S	SSE	NW	NW	15.8	43.8	38.6	17.4	115.6	6	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. SE
16	NW	NW	W	S	SE	SE	17.4	37.5	67.4	15.8	138.1	5	A.-Cu. NW	S.-Cu.	5	Ci.	Cu.
17	NE	NE	WSW	S	E	E	20.4	56.3	74.5	23.1	174.3	10	Ci.-S.	S.-Cu.	10	A.-Cu. ESE	Cu.-N.
18	N	N	S	NNW	ESE	E	23.3	32.4	52.8	-----	-------	5	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N.
19	N	N	SW	ESE	E	ENE	22.8	41.2	78.3	28.4	170.7	6	Ci.-S. N	S.-Cu.	8	Ci.	Cu.-N. ENE
20	NE	NE	SW	NE	NE	NE	20.6	48	70.8	14.2	153.6	3	Ci.	S.-Cu.	8	Ci.	Cu.-N. E
21	N	NNW	S	SE	E	E	17.5	70.3	95.3	20.9	204	5	A.-Cu. E	Cu.-N. NE	10	A.-Cu.	Cu.-N. E
22	NNE	N	S	NE	NE	NE	25.7	37.8	83.7	27.1	174.3	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
23	NE	N	SW	SSW	NE	ENE	15.3	55.2	48.6	40.5	159.6	6	A.-Cu. E	Cu.-N. E	10	A.-Cu.	Cu.-N. E
24	N	NNE	SW	ESE	E	NE	17.7	52.5	81.3	33.5	185	6	Ci.	Cu.-N. E	7	A.-Cu. NE	Cu.-N. E
25	NE	N	SE	ESE	E	ENE	30.1	69.7	100	20.7	220.5	5	A.-Cu.	Cu. E	9	Ci.-S.	Cu.-N. E
26	E	NE	NNE	NW	NE	NE	29	64.9	57.3	20.3	171.5	5	Ci. S	S.-Cu.	10	Ci.-S.	Cu.-N. E
27	NNE	N	SE	SW	SSW	NW	33	56.1	32.8	14.7	136.6	3	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu.-N. E
28	NW	NW	S	SSE	E	NE	13.4	61.7	78.1	23.5	176.7	3	A.-Cu. E	S.-Cu.	8	A.-Cu.	Cu.-N. E
29	N	N	SSW	NE	NE	NE	31.4	62.5	64.4	31.4	189.7	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
30	N	N	SE	SE	NE	NE	27.4	50.9	60.4	22.5	161.2	6	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N.
Mean	------	------	------	------	------	------	22.8	48.4	63.9	24.8	160.5	6.2	------------	------------	8.6	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.98	56.85	57.58	55.91	56.40	58.02	22.8	22.4	32.3	32.1	27.4	25.9	32.7	21.6	89	91	51	64	76	84	------
2	57.52	57.10	57.70	55.71	56.87	58.36	23.3	21.9	30.3	31.5	28.2	25.9	32.3	21.1	87	91	62	63	82	92	1.8
3	57.47	57.69	58.87	57.70	57.57	59.06	24.7	24.9	27.1	26.4	24.9	24.9	28.1	24	95	93	83	89	95	94	4.8
4	58.08	56.96	57.57	54.94	55.61	56.91	24.3	24.5	28.1	31.5	25.9	24.5	32.1	23.5	95	96	80	62	91	96	9
5	54.67	53.27	52.07	47.81	50.28	54.10	24.5	25.4	25.2	25.5	25.2	25.5	26.6	24.4	94	92	95	94	98	97	58.7
6	53.86	54.88	56.84	55.63	57.32	58.88	26.2	26.7	28	28.8	26.4	24.9	28.9	24.4	91	88	82	80	83	92	5.4
7	56.98	58	58.90	57.20	57.75	59.64	24.6	22.9	29.2	29.4	29.2	25.5	30.5	22.4	87	96	78	74	70	90	------
8	58.58	58.50	58.51	56.62	57.39	59.15	23.6	22.9	29.6	30.8	28.8	26.5	31.1	22.5	94	96	69	71	78	91	------
9	58.11	57.62	58.72	56.89	57.15	59.17	24.9	24	29.9	29.6	28.9	26.4	30.5	23.4	94	95	71	75	77	88	------
10	58.51	58.37	59.31	57.39	57.50	59.36	25.2	25.5	29.3	29.6	29.1	25.7	30.6	24.4	91	90	75	75	75	89	------
11	58.91	59.58	60.06	58.07	58.52	60.50	25.2	25.7	30.4	31.1	29.6	25.9	31.4	24.8	93	93	74	68	76	88	------
12	59.99	60.56	60.29	58.41	58.94	60.55	24.4	23.9	30.3	30.1	29.9	26.9	31.8	23.3	95	96	69	77	75	77	------
13	59.22	59.71	60.01	57.39	57.72	59.31	23.3	23.1	30.9	32.6	30.1	26.9	32.7	22.6	90	90	69	66	74	83	------
14	58.52	58.89	58.93	56.77	57.38	59.12	23.7	23.3	30.4	31.3	29.9	27	32.6	22.4	92	91	68	65	74	73	------
15	58.67	58.84	59.77	57.68	57.90	60.18	23.2	22	30.2	31.4	29.9	25.9	31.8	21.6	87	95	67	66	71	88	------
16	59.30	59.50	60.41	57.61	58.72	60.73	24.8	23.9	30.6	31	29.8	26	32.2	23.1	94	95	70	71	74	86	------
17	60.10	60.59	60.99	58.53	58.83	60.61	24.1	24.5	30.4	32.4	30.4	27.6	32.8	23.3	91	93	71	62	71	75	------
18	59.90	60.26	60.39	58.57	58.87	60.75	25.3	22.4	30.4	32.3	29.5	27.1	32.7	21.9	77	91	64	60	73	80	2.5
19	59.89	59.68	60.15	58.53	58.39	60.30	25.4	25	27.5	30.5	29.2	25	31	23.4	86	92	83	70	70	91	.5
20	59.38	59.58	60.08	58.24	58.07	59.75	23	22.2	29.3	30.4	28.9	27.9	31.1	21.4	94	93	66	66	77	76	------
21	59.01	58.94	59.30	57.13	57.90	59.53	25.4	23.3	28.1	31.9	28.6	27.2	32.6	22.9	87	96	83	60	71	75	1.5
22	59.08	58.57	58.72	57.22	57.54	59.23	22.6	22.4	30.3	28.4	28.1	25.2	31.7	21.5	95	96	68	84	86	92	1.6
23	57.74	57.94	57.94	56.26	56.88	58.41	23.9	23.3	29.9	32.1	29.2	25.7	32.4	22.4	97	92	76	57	76	83	------
24	57.12	57.82	58.13	56.27	57.06	58.65	24.4	24.6	29.5	30.3	28.3	25	30.8	23.6	93	94	76	72	78	91	.5
25	58.38	58.98	59.82	58.06	58.45	59.85	24.3	24.2	29.3	30.5	28.8	25.9	31	23.5	91	94	72	66	78	88	------
26	59.27	59.34	59.52	58.13	58.87	60.26	23.9	23.7	30.3	30.9	29.6	25	32.1	22.7	96	93	70	69	71	88	------
27	59.18	59.76	59.81	57.89	57.98	59.35	24	23	30.8	30.3	28.9	25.4	31.9	22.2	87	93	73	74	79	84	------
28	58.31	58.78	58.82	56.65	57.32	58.93	23.4	23	30.3	31.4	29.7	25.4	32.7	21.7	93	93	67	63	65	85	------
29	58.02	58.44	58.75	57.11	57.53	59.28	23	23.4	31.1	32.6	29.5	27	33.4	22.5	95	95	61	54	63	76	------
30	58.82	58.93	59.38	57.56	57.73	59.80	23.4	23.4	31.2	33.1	29.5	26.4	33.8	21.9	90	88	64	58	68	80	------
31	58.42	59.12	59.39	58.10	58.49	58.65	24	24	31	29.1	26.7	25.9	82.8	23.1	91	87	65	70	81	82	.3
Mean	58.32	58.49	58.93	56.97	57.51	59.24	24.2	23.7	29.7	30.6	28.6	25.9	31.6	22.8	91.3	92.8	71.7	69.2	76.6	85.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	86.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NE	ENE	S	E	NE	19.5	53.7	68.1	26.9	168.2	7	Ci.	S.-Cu.	8	Ci.-S. S	Cu.-N. NE
2	NE	NE	W	S	NE	NE	21.4	42.1	62.3	10.2	136	8	Ci.-S.	S.-Cu.	8	Ci.-S. W	Cu.-N.
3	NE	NE	NW	SSW	NNW	Calm	13.5	22.3	27.4	------	------	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
4	Calm	Calm	NbyW	NbyW	NW	N	------	------	------	34.9	------	8	A.-Cu. NE	S.-Cu.	9	A.-Cu.	Cu.-N. NNE
5	N	WNW	W	WSW	SSW	SSE	39.7	147.1	340.8?	346.1?	873.7?	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	N. W
6	SE	SE	SE	SE	E	E	216.2?	210.6	80.8	32.2	539.8?	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SSE
7	E	E	SE	S	S	S	15.3	35.9	50.5	21.7	123.4	5	Ci.	S.-Cu.	9	A.-Cu. S	Cu.-N. SbyE
8	S	S	S	S	SE	SE	19.5	36.5	73.8	15.9	145.7	8	A.-Cu. W	Cu.	8	A.-Cu. SSE	Cu.-N.
9	Calm	SE	SE	SE	SE	Calm	15.9	52.5	86.3	16.3	171	8	Ci.-S. WbyN	S.-Cu.	6	Ci. NW	Cu.
10	Calm	SE	SE	SE	SE	SE	13.1	76.7	91.7	15.5	197	9	Ci.-S.	S.-Cu.	6	Ci.-S. NW	Cu.-N.
11	SE	SE	SE	SE	SE	SE	14	66.3	60.9	22	163.2	10	Ci.-S.	Cu.-N. E	4	Ci.-S. E	Cu.
12	SE	S	S	SE	SE	SE	19.6	52.6	92.3	17.7	182.2	7	A.-Cu. S	Cu.	4	Ci.	Cu.
13	NE	NE	W	S	SE	ENE	26.6	45.6	71.9	20.1	164.2	2	Ci.	Cu.	3	Ci.	Cu.-N. E
14	NE	NE	S	SE	SE	Calm	25.9	43	78.6	------	------	3	Ci.	Cu.	3	Ci.-S.	Cu. ENE
15	Calm	NE	S	S	SSE	SE	------	------	------	------	------	2	Ci.	S.-Cu.	2	Ci.-S.	Cu.
16	S	NW	W	SE	SE	SE	19.8	47.7	85.9	17.7	171.1	2	Ci.-Cu. SE	Cu.	4	Ci.-S.	Cu.
17	NE	NE	SSE	S	SW	E	18.3	38.6	60	18.3	135.2	8	Ci.-S.	Cu.	5	Ci. S	Cu.-N.
18	NE	N	S	S	NW	NW	27.6	51.8	56.3	15	150.7	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
19	NW	E	SE	S	NE	E	19.3	38.4	62	17.2	136.9	8	A.-Cu. E	Cu.-N.	10	A.-Cu. E	Cu.-N.
20	ENE	NE	S	S	NW	NE	23.6	41	43.5	31.7	139.8	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. E
21	NE	NE	SE	SE	NE	NE	24.6	43.5	62.6	------	------	2	Ci.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. E
22	Calm	NE	SW	N	N	ESE	------	------	44	19.9	------	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
23	NE	NE	S	NE	E	NE	23	43.3	57.7	22.2	146.2	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
24	NE	NE	S	SSE	E	E	20.7	47.3	65.8	19	152.8	9	Ci.-S.	Cu.-N. E	10	A.-Cu. EbyS	Cu.-N. E
25	E	E	S	S	SSE	S	18.7	31.1	60.6	20.6	131	10	Ci.-S.	Cu.-N.	10	Ci.-Cu. SEbyS	Cu.-N.
26	SE	NE	S	SE	S	E	19.6	77	78.9	31.1	206.6	5	A.-Cu. SW	Cu.-N.	8	Ci.-S.	Cu.-N.
27	NE	NE	S	S	SE	NE	25.1	57.7	50.1	27.2	160.1	5	Ci.-Cu. NW	Cu.	9	Ci.-S.	Cu.-N. ESE
28	NE	NE	SSE	S	SE	E	26.4	85	86.3	25.7	223.4	2	Ci.	Cu. E	5	Ci.-S.	Cu. NE
29	NE	NE	SE	ESE	ESE	E	22.3	52.1	98.5	25.1	198	5	A.-Cu. E	S.-Cu.	6	Ci.-S.	Cu. ENE
30	NE	N	SW	SE	NE	NE	27.7	52.8	86.6	16.1	183.2	6	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu. E
31	NE	N	SE	NE	E	SE	29	53.7	55	25.7	163.4	7	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	28.8	58.8	77.2	33.8	206.5	6.2	------	------	7.5	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.99	57.98	58.56	56.82	56.80	58.14	24.5	24.6	32.1	30.9	30.1	27.9	34.4	23.5	86	87	57	69	71	74	------
2	57.69	57.93	58.29	56.09	57.64	58.74	26.8	24.5	31.2	33.1	29.7	26.4	34.9	23.8	77	91	69	58	68	88	17.3
3	58.09	58.23	58.64	55.82	56.70	58.85	25.9	24.2	28.3	31.6	29.4	27.8	31.8	23.6	91	93	73	72	59	78	.3
4	57.16	57.81	58.18	56.38	56.62	58.62	25.2	25.4	26.6	31.1	28.4	27.2	31.5	24.2	90	91	93	71	82	82	7.7
5	57.62	57.22	56.99	55.40	55.66	57.78	25	24.8	31	32.6	29.5	27.8	33.1	24	96	92	69	59	71	79	------
6	57.18	57.17	58.25	56.26	56.83	58.42	27.4	26.5	27.6	31.1	29	26.9	32.1	24.8	78	83	83	61	69	80	2.8
7	57.52	57.62	57.39	56.23	56.78	58.34	24.4	23.6	30.5	30.8	29.4	25.9	32.5	23.1	93	96	66	71	68	88	------
8	57.68	58	58.57	56.71	57.57	58.93	24	23.4	29.8	32	29	26.1	32.6	22.7	93	94	69	60	71	86	------
9	58.70	59.20	58.93	56.98	57.51	59.23	23.6	22.5	30.7	30	30	24.4	32.1	22.1	94	96	70	75	60	83	------
10	58.92	59.20	59.48	57.47	57.74	59.98	23.1	22.6	30	30.3	29.9	24.3	31.3	21.6	86	92	73	70	70	85	------
11	58.84	59.40	59.68	57.87	58.13	59.25	22.9	22.1	30.4	30.1	29.3	26.8	32	21.5	90	94	68	69	72	77	------
12	59	59.07	59.21	57.60	57.56	59.35	22.7	22.4	30.3	29.6	29.9	26.4	31.9	21.8	94	92	68	64	71	79	------
13	59.10	59.12	59.35	57.45	58.86	59.95	23.4	22.9	30.7	31.7	25.8	24.8	32.1	22.2	87	91	63	65	88	92	------
14	59.30	59.29	59.47	57.65	58.14	59.91	23.5	22.9	29.8	31.2	29.3	25.2	32.5	22.5	97	94	74	69	75	88	------
15	59.29	59.13	59.28	57.26	57.10	59.50	23.2	22.6	30.8	31.6	29	26.9	32.6	22.1	97	94	65	67	76	80	.8
16	58.79	58.74	59.04	57.65	58.23	60.18	24.6	24.9	28.1	28.7	26.6	25.4	29.9	23.9	86	92	79	75	83	91	------
17	59.11	59.41	59.84	58.05	58.55	60.35	24.4	24.2	29.3	29.7	29	26.4	30.6	23.3	96	92	70	72	74	84	------
18	59.69	60.11	60.23	58.74	58.83	60.58	24.7	23.3	30.6	30.5	29	25.6	31.1	22.6	91	95	68	69	80	91	------
19	60.27	60.95	60.97	59.07	59.52	60.75	23.4	22.9	30.8	31.4	28.6	25.4	32.4	22.3	97	92	63	70	80	92	------
20	60.21	60.27	60.11	58.25	58.73	60.03	23.7	23.4	30.7	31.4	29.2	27.1	31.9	22.5	97	92	65	66	66	87	------
21	59.38	59.79	59.63	58.49	58.14	59.67	25.9	24.3	30.3	30.6	26.3	24.5	31.1	23.5	90	94	72	72	88	92	2.8
22	59.37	59.70	59.63	58.29	59.04	61.01	23.3	22.9	29.9	29.9	29.3	27.8	31.3	22.4	96	96	74	74	78	79	------
23	60.41	60.31	60.28	58.42	59.30	60.61	24.7	24	30.6	31.1	26.5	24.9	31.4	23.2	94	93	74	74	89	96	1.3
24	59.63	59.96	60.54	58.81	59.49	60.25	23.5	23.1	30	27.4	26.1	23.8	31.2	22.4	98	97	73	89	94	97	13.2
25	60.07	60.06	60.24	58.68	59.38	60.70	22.6	21.9	30.1	28.1	25.2	24.8	32	21.2	89	96	69	77	92	92	30.9
26	59.37	59.04	59.35	58.18	59.17	60.47	25.6	23.6	29.1	29	26.8	24.4	30.5	23.3	81	95	71	81	88	91	.5
27	59.70	59.05	59.34	57.67	59.11	59.89	23.2	22.9	30.4	31.4	25.6	24.3	32.1	22	91	93	73	66	90	93	------
28	59.69	60.38	60.65	59.08	58.69	61.33	23.7	23.7	30.6	29.8	27.5	25.9	31.6	22.4	97	93	68	67	81	89	.3
29	60.61	60.70	61.22	59.28	59.05	60.40	23.4	22.4	29.6	31	27.4	25.9	31.6	21.9	97	96	66	67	84	84	2.3
30	59.39	59.40	59.15	56.78	57.09	59.16	23.5	23	30.1	30.6	29	27.3	31.1	22.4	95	95	73	71	76	78	2.3
Mean	58.99	59.14	59.35	57.58	58.07	59.68	24.2	23.5	30	30.6	28.3	25.9	31.9	22.8	91.5	93	70.6	69.7	77.1	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	82.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	ESE	S	SE	NE	25.4	68.6	76.4	25.1	195.5	7	A.-Cu. E	Cu.-N. E	10	Ci.-S.	Cu.-N. E
2	NNE	NE	SW	S	NE	N	25.9	57.4	73.5	24.9	181.7	4	A.-Cu.	Cu.-N. E	7	Ci.-S.	Cu. E
3	NE	SE	NE	SW	ESE	E	22	26.8	53.3	32	134.1	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E
4	NE	E	SSE	S	SE	E	18.7	15	72.4	23.8	129.9	8	Ci.-S.	N.	9	A.-Cu. ESE	Cu.-N.
5	N	N	SW	SE	SE	NE	17.7	44	116.4	34	212.1	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
6	E	E	SE	SSE	E	E	31.7	52.8	64.4	26.6	175.5	8	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. E
7	SE	N	SW	S	E	E	21.5	54.1	71	25.2	171.8	6	A.-Cu. N	S.-Cu.	8	Ci.-S.	Cu.-N. E
8	E	NE	SE	SE	SE	ESE	21.5	74	101.6	28.5	225.6	3	Ci.	Cu. E	7	A.-Cu.	Cu.-N. ENE
9	NE	N	SW	S	NE	NE	28.4	51.5	109.2	20.9	210	4	Ci.-S.	Cu.	5	Ci.-S. WNW	Cu.
10	NE	NE	S	SE	SE	E	28.8	75	114.8	23.9	242.5	1	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
11	NE	N	W	S	SE	E	26.4	39.7	81	20.9	168	5	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
12	NE	NE	S	NW	SE	E	25.5	47.5	50.2	24.4	147.6	3	Ci.-S.	S.-Cu.	6	Ci.-S. NW	Cu.-N.
13	N	NW	WNW	SSE	NW	NW	24.1	37.2	63.3	20.6	145.2	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
14	NW	NW	S	SSE	SE	SE	29.5	64.4	88.5	18.8	201.2	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
15	NE	N	WSW	SSE	E	NE	27.7	45.7	41.3	26	140.7	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
16	N	NNE	SE	SE	SE	NE	17.2	55	43.5	22.8	138.5	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
17	NE	NE	SE	SE	SE	SE	16.4	53.7	61.8	18	149.9	7	Ci.	Cu. SW	10	Ci.-S.	Cu.-N.
18	NE	NE	SSW	NE	SE	N	20.9	42.1	39.9	18.5	121.4	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
19	N	N	WSW	S	NNW	N	25.5	51.3	62.5	20.3	159.6	2	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
20	N	N	WNW	SSE	NNW	N	19	39.4	56.9	19.8	135.1	2	Ci.	Cu.	6	Ci.-S.	Cu.-N. E
21	NW	NW	SSE	SE	N	NW	15.8	52.9	77	23.9	169.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
22	NNW	NNW	SSW	SE	SE	SW	20.3	44.6	61.8	18.2	144.9	7	Ci.-S. S	Cu.-N.	9	Ci.-S.	Cu.-N.
23	W	WNW	S	SSE	NW	Calm	18.5	48.3	58.4	15	140.2	2	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N. ENE
24	NW	NW	W	ESE	NE	N	18.7	34.9	62.2	19	134.8	4	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
25	Calm	N	WNW	SSW	SW	Calm	22.3	38.3	50.5	17.9	129	7	Ci.-S. N	Cu.	10	Ci.-S.	Cu.-N. E
26	E	N	W	NNW	S	WSW	23	28.5	35.9	16.7	104.1	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	W	WNW	S	S	NNW	NNW	23.3	54.9	56.5	27.4	162.1	3	Ci.-S.	Cu.	6	A.-Cu. E	Cu.-N.
28	NW	NW	WSW	ESE	E	NE	22.2	39.4	34.8	17.9	114.3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	NE	NE	WSW	S	SW	W	20.6	32.4	34.4	21.9	109.3	5	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N. ENE
30	N	NW	SSW	S	NE	E	26	30	42.4	28	126.4	5	Ci.-S. SE	Cu.	7	Ci.-S. E	Cu.-N. ENE
Mean	------	------	------	------	------	------	22.8	46.6	65.2	22.7	157.4	5.6	------------	------------	8.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,720.6	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.72	58.63	59.08	57.53	58.06	59.56	24	23.1	29.9	30.7	25.3	24	31.9	22.8	97	96	68	70	93	97	16.5
2	59.30	59.48	59.93	58.38	59.06	60.15	22.7	22.5	30.4	27.4	26.9	24.7	31.9	22	97	95	70	94	92	93	13.4
3	59.39	58.90	59.68	58.60	59.06	59.75	24.2	23.4	30	29.3	25.1	24.6	31.7	22.8	91	96	67	75	91	94	15.4
4	59.08	57.99	58.87	57.16	57.68	58.95	23.8	23.7	28.8	31	27.5	25.6	32	22.9	94	96	77	65	99	90	------
5	58.30	57.78	58.40	57.47	57.31	58.31	23.5	23.4	29.5	26.6	27.9	25.9	30.5	22.3	98	92	70	89	74	84	13.2
6	57.99	57.73	58.81	57.55	58.19	59.51	23.5	23.1	29.9	28.4	27.9	25.9	30.5	22.7	97	95	69	85	83	89	2.3
7	59.08	58.88	59.09	57.07	58	59.39	24.1	23	29.4	30	29.7	27.9	30.6	22.4	93	95	71	67	71	80	------
8	58.91	58.85	58.30	56.63	57.61	59.15	25.7	25.4	29.4	30.6	28	26.4	31	23.6	94	92	79	70	80	89	14.2
9	59.47	58.59	58.70	56.98	57.75	59.24	23.4	23.2	29.2	29.1	25.1	24.9	30.3	22.8	93	96	68	74	94	96	55.6
10	58.54	58.53	58.49	57.61	56.81	58.62	25	24	28.8	26.1	27.4	24.9	29.9	22.6	94	91	80	86	88	92	1
11	58.37	58.12	58.47	56.96	57.12	59	24.6	23.9	29.8	29.2	29.4	25.9	30.5	23.3	92	96	73	72	74	84	3.3
12	58.81	58.86	58.78	57.20	58.26	59.48	24	24.4	29.6	29.7	28.6	26.4	31.2	23.2	95	96	66	76	79	88	.5
13	58.80	58.53	58.54	56.60	56.79	57.52	25.7	23.9	30.1	30	27.3	24.4	31.3	23.3	88	93	69	74	81	96	16.4
14	55.71	55.46	55.89	53.39	53.56	54.07	23.9	23.8	24.6	25.2	23.4	24.9	30.4	23.2	98	97	98	93	98	96	318.6
15	52.53	52.67	53.67	52.61	53.46	55.30	24.5	26.4	26.6	27.4	27.6	27	27.8	24.3	97	87	83	84	79	83	.3
16	54.68	55.30	56.01	54.91	55.18	57.31	26.9	26.9	27.5	28.9	28.2	27.9	30.3	23.5	83	82	78	75	77	77	16.5
17	57.31	56.77	57.84	56.79	56.53	58.58	26.4	26.8	27.9	29.3	28.4	28.3	29.8	24.5	82	83	81	79	83	78	------
18	57.19	57.35	57.69	56.48	56.58	58.47	27.8	27.7	30	30.8	30.7	29.6	31.5	27.2	83	82	76	74	78	82	------
19	57.91	56.96	57.07	56.18	56.42	58.53	28.2	27.8	30.3	31.6	29.9	29.2	31.8	27.1	91	87	73	71	80	78	------
20	57.89	57.72	58.65	56.66	57.07	58.10	27.3	26.7	30	30.6	30.7	25.9	31.2	25.7	92	92	77	76	81	98	------
21	57.88	57.75	58.23	56.57	56.57	58.11	26.3	28	30	30.1	30.3	27	30.6	25.9	89	79	80	84	82	94	------
22	57	56.91	57.33	55.63	57.03	57.12	27.3	27.9	29.7	31.2	27.1	26.3	31.3	25.7	84	84	73	77	100	89	34.8
23	55.88	55.61	56.10	55.22	55.57	56.92	25.3	27.1	28.6	26.9	27.1	27.2	30.1	25.1	95	83	80	100	85	85	24.9
24	56.20	55.92	56.89	56.02	56.33	57.71	26.4	27.2	28.8	29.6	28.6	28.6	30.2	26.2	90	82	79	76	76	78	------
25	57.50	57.66	57.79	56.58	57.15	58.94	27.2	27.3	29.4	30.2	29.9	27.6	30.7	26.9	87	84	74	79	82	87	19.3
26	58.57	57.68	58.14	57.27	57.24	59.31	26.1	24.4	28	29.9	29.2	25.9	30	24.2	93	94	84	77	85	89	6.1
27	57.81	57.12	57.24	55.93	56.15	56.62	25.4	25.2	27.4	28.9	27	26.2	29.2	24.9	91	92	84	84	92	90	20.3
28	55.99	55.72	55.77	54.89	55.34	56.12	25.5	25.3	28	28	27.5	27.3	29.8	25	94	92	78	87	81	84	2.3
29	55.31	56.04	56.36	55.01	55.65	57.64	27.6	28.1	29.4	31	29.9	30.1	31.1	27.5	86	84	74	70	78	76	------
30	56.80	56.99	57.84	56.42	57.08	58.94	28.6	27.6	30.5	30.8	30	29.2	31	27.4	83	90	70	75	84	86	1.5
31	58.28	58.16	58.53	56.74	57.04	57.70	28.5	26.6	29.5	30.8	30.4	27.1	31	26.5	89	94	79	77	81	94	------
Mean	57.59	57.38	57.81	56.42	56.83	58.20	25.6	25.4	29.1	29.3	28.1	26.7	30.7	24.4	91.3	90.2	76.1	78.5	83.9	87.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	596.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	SW	W	NW	SW	19.1	39.4	44.5	21.5	124.5	6	Ci.	Cu.	9	Ci.-S.	Cu.-N. SSW
2	NW	NW	SW	NW	N	N	22.5	33.8	32	17.9	106.2	3	Ci.-S.	Cu.	8	A.-Cu. E	Cu.-N.
3	N	N	WNW	ENE	NW	NW	21.7	34.6	58.7	27.1	142.1	5	Ci.	Cu.	10	------------	Cu.-N.
4	NW	NW	NW	S	N	NW	18.2	24.4	45.4	19.8	107.8	10	Ci.-S.	N.	5	Ci.	Cu. E
5	N	N	SSW	NNW	NE	ENE	24.3	51.2	26.9	23	125.4	6	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
6	N	NW	S	NNW	E	SE	23.8	46.7	34.1	29	133.6	10	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N.
7	NE	NE	SE	SE	SE	E	14.8	43.3	70.8	19	147.9	4	Ci.-S.	Cu.	4	Ci.-S.	Cu.
8	NE	NE	S	S	SE	E	15.6	27.7	45.4	23.5	112.2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
9	Calm	N	SW	SE	E	E	14.2	38.9	51	29.3	133.4	7	Ci. NbyE	S.-Cu.	8	Ci.-S.	Cu.-N.
10	E	WNW	SW	N	N	Calm	22.8	29.5	39.6	12.6	104.5	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. W
11	N	N	SSE	E	SE	N	16.1	37.3	27.2	18	98.6	7	Ci.-S.	Cu.-N.	7	A.-Cu.	Cu.
12	N	WNW	WNW	SSW	N	Calm	18	29	36.8	17.5	101.3	9	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.-N.
13	N	N	NW	SE	WNW	WNW	12.1	44.8	47.3	38	142.2	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14	NW	NW	WNW	WSW	NE	SW	17.7	22.2	44.5	190.3	274.7	10	------------	N. WNW	10	------------	N. W
15	SSW	SSW	SSW	SSW	S	S	328.8	215.9	233.6	221.4	999.7	10	------------	N. SW	10	------------	Cu.-N. SW
16	S	S	S	SSW	S	S	211.9	184.5	169.8	155.6	721.8	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SW
17	SSE	SSE	S	SE	SE	S	140.2	141	131.1	119.6	531.9	10	Ci.-S.	Cu.-N. S	7	A.-Cu.	Cu.
18	S	S	SE	S	S	S	93.6	106.2	127.6	135.8	463.2	9	A.-Cu. E	S.-Cu.	4	A.-Cu.	Cu. SW
19	S	S	S	S	S	S	57.4	122.3	138.4	117.5	435.6	8	A.-Cu.	Cu.-N. WSW	7	Ci.-S.	Cu.-N. WSW
20	SSE	E	SSE	SE	S	S	34.4	108.3	99.8	35.6	278.1	5	A.-Cu. W	S.-Cu.	6	Ci. E	Cu. W
21	S	SSE	SSE	SE	S	S	48.6	95.6	108.8	26.6	279.6	10	Ci.-S.	Cu.-N. SW	8	Ci. E	Cu.-N. W
22	S	S	SE	S	NW	NW	32.2	80	112.3	22.8	247.3	10	Ci.-S.	N. WSW	8	Ci. E	Cu.-N. W
23	N	SbyE	S	WNW	SW	SSW	55.7	142.2	72.1	107.3	377.3	9	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N.
24	S	SSW	SW	S	S	S	101.4	130.8	135.5	113.8	481.5	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. W
25	S	S	S	SE	SE	SE	108	97.9	62.8	21.4	290.1	10	Ci.-S.	Cu.-N. WSW	8	A.-Cu. E	Cu. WSW
26	NW	N	E	SE	SE	NE	28.7	26.2	42.4	26.9	124.2	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N. WNW
27	Calm	NE	NE	E	NNW	E	10.8	11.8	49.1	17.5	89.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
28	NE	W	SSW	WSW	SSW	SSE	21.5	86.6	84	163.9	356	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
29	S	S	S	S	S	S	182.2	192.1	199.8	162.6	736.7	10	Ci.-S. N	Cu.-N. SSW	8	Ci.	Cu.-N.
30	SSE	SE	SSE	SSE	SSE	E	112	115.6	110.8	69.2	407.6	10	A.-Cu. E	S.-Cu.	4	A.-Cu. E	Cu.-N.
31	SSE	E	SE	SE	SE	SE	57.6	96.1	78.7	20.6	253	7	Ci.-S.	Cu.-N. SSW	8	A.-Cu. ENE	Cu.-N. WSW
Mean	------	------	------	------	------	------	60.8	79.2	82.6	65.3	288	8.4	------------	------------	8.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,927.2	----	------------	------------	----	------------	------------

NOTE.—The temperature, relative humidity and vapor pressure records for July 18 to 31 are taken from a self-registering apparatus.

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.37	56.79	57.18	56.32	57.36	58.48	27	28.1	30	30.2	25.6	24.8	31.2	23.1	88	79	69	66	94	95	31.7
2	57.21	57.56	57.98	56.66	56.89	58.56	24.9	24.8	29.2	30.2	29.8	26.7	31.2	24.4	94	92	70	71	69	90	------
3	57.88	58.21	58.77	57.46	56.99	58.47	25.6	25.4	30	30.4	30.4	26.4	31.3	24.5	92	92	68	68	65	92	------
4	58.12	58.09	58.67	56.45	56.57	58.22	25.4	24.4	30.2	30	29.8	26.9	31	24.1	92	97	70	75	75	84	------
5	57.59	57.53	57.67	56.54	58.21	58.54	24.9	28.4	30.5	29.8	24.2	24.1	31	23.2	88	75	65	67	97	94	43.2
6	57.88	57.58	58.54	57	56.98	58.10	25	27.9	29.2	29.5	29.2	28.7	30.5	24.1	90	77	77	74	69	79	------
7	57.90	57.97	59.18	57.07	57.73	59.31	28.2	28	29	29.9	27.4	25.4	30.5	24	86	80	77	72	88	93	14.3
8	58.41	58.68	58.81	57.24	57.60	59.58	24.6	25.4	29.2	30.1	29.8	26.1	30.8	23.6	89	91	73	69	75	90	------
9	58.72	58.57	59.09	57.89	57.69	59.20	25.5	24.7	30	30.5	29.3	25.7	31.6	24.2	92	95	72	63	72	89	------
10	58.52	58.38	58.93	57.37	57.40	58.60	24.9	25.7	29.7	30	28.7	25.8	30.9	24.6	88	84	68	67	74	89	------
11	57.91	58.12	58.30	56.39	56.60	58.20	25	24.9	29.2	30.3	29.3	25.8	30.8	24.5	88	92	70	70	72	90	27.9
12	57.32	57.48	57.78	56.18	57.01	58.67	24	24.3	29.1	29.5	27.5	23.5	30.4	23.2	97	92	70	72	84	95	8.4
13	57.51	57.44	57.56	56.51	56.68	58.07	24.5	23.9	25.6	27.4	26.6	24.5	27.6	23.2	88	96	94	81	87	94	20.1
14	57.29	56.63	57.06	55.55	55.72	56.65	24.3	24.8	27	28.7	27.1	25.8	29.4	23.2	97	97	83	73	78	89	5.8
15	55.02	54.98	55.82	54.09	54.57	55.64	24.8	26.7	29.5	30.3	29.7	28.9	30.7	24.3	97	84	72	68	75	74	------
16	55.71	56.36	57.28	56.67	57.93	59.66	28.2	27.4	29.3	30	27.9	24.5	30.9	24.2	76	75	70	71	74	95	------
17	59.04	58.88	59.49	57.65	58.12	60.05	24.3	24.3	28.5	29	25.2	24.8	30.7	23.6	89	91	85	81	93	94	10.4
18	58.88	58.83	59.33	57.63	57.59	59.07	24.1	23.9	29.3	30	27	25	31	23.4	91	91	69	71	86	91	3.3
19	58.29	58.37	57.71	56.13	56.43	57.93	23.2	23.7	27.2	28.5	27.6	26.7	29	23.1	97	94	82	80	80	82	65
20	57.68	57.32	57.51	55.93	57.28	58.77	24.1	24.8	28.4	29.5	28.1	22.5	30.7	22.3	97	93	80	76	70	99	72.1
21	58.11	57.79	58.20	56.40	57.47	58.62	22.9	23.7	28.2	29.3	23.8	24.4	29.8	22.4	95	95	80	77	95	96	26.1
22	58.21	57.59	57.98	56.27	56.64	58.47	23.9	24.1	29	30.1	28.6	25.3	30.8	23.4	99	98	78	68	80	91	7.4
23	58	57.40	58.41	56.08	56.99	58.69	26	26.1	29	30.4	28.4	26.4	30.9	24.8	90	87	74	68	75	85	.8
24	58.01	58.26	58.35	56.85	58.09	59.50	28	27.9	29.8	30.1	27.7	26.7	30.4	24.9	76	78	72	73	83	86	.3
25	58.92	59.43	60.19	58.47	59.23	60.54	26.4	25.9	30	30.5	28.5	25.7	31.1	22.8	86	88	67	65	78	93	11.2
26	59.77	58.93	59.46	57.37	57.34	58.62	22.8	23.4	28.9	30	28.6	26.9	30.6	22.3	97	97	73	67	80	84	------
27	57.37	56.66	56.89	55.42	56.04	57.29	25.7	25.4	29.8	30.2	27.9	27.8	30.7	25.1	93	92	72	68	74	76	------
28	56.40	56.41	57.46	56.27	56.80	58.92	27.5	27.5	28.6	25.8	26.8	27.4	29	24.9	79	75	75	87	81	77	.3
29	58.11	57.82	59.03	57.83	58.73	60.39	27.2	27.7	28.5	29.4	23.4	23.9	30	21.9	75	68	73	72	96	97	26.7
30	59.12	58.47	59.14	57.90	57.90	59.48	23.7	24.4	28.4	29.4	27.8	25.5	30.3	23.2	95	96	77	73	84	87	------
31	58.68	57.77	58.67	56.94	56.92	57.92	25.2	25.4	28.4	27.1	24.8	24.5	28.5	23.7	86	88	77	83	89	95	11.4
Mean	57.90	57.75	58.27	56.73	57.21	58.65	25.2	25.6	29	29.6	27.6	25.7	30.4	23.7	89.9	88	74.3	72.1	80.4	89.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	386.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SSE	SE	NNW	N	37.8	49.6	59.8	20.7	167.9	7	A.-Cu. WbyN	Cu. SSW	8	A.-Cu. N	Cu.-N. WSW
2	E	N	SE	S	NW	NW	16.4	37.3	54.9	13.7	122.3	9	A.-Cu. W	S.-Cu.	8	A.-Cu.	Cu.-N. WSW
3	NW	SW	SSE	SE	W	W	20.9	60	50.9	12.6	144.4	6	Ci.-S. N	S.-Cu.	6	A.-Cu. NNE	Cu.-N. W
4	W	W	S	SE	E	N	15.6	45.7	83.1	20.6	165	6	A.-Cu. E	Cu.-N.	7	Ci.	Cu.-N. W
5	N	SSW	SbyW	NNW	NW	E	60.4	122	72.1	23.6	278.1	6	A.-Cu.	Cu. W	6	A.-Cu. W	Cu.-N.
6	E	S	SbyW	S	SSW	SSE	34.9	90.1	90.9	66	281.9	7	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. W
7	SSE	SSE	S	SE	NE	NW	89	130.4	87.2	23.6	330.2	7	Ci.-S. NEbyE	Cu.-N. SW	7	Ci.-S. NE	Cu.-N. SW
8	NW	N	SE	SE	SE	E	13.7	60.4	70.6	20.9	165.6	4	Ci.	Cu. SSW	8	Ci.-S. NE	Cu.-N. SW
9	E	E	S	SW	WbyS	W	15.3	68.7	41.3	13.4	138.7	8	Ci.-S.	Cu.-N. WSW	7	Ci.-S.	Cu.
10	W	SW	SSW	SE	SE	SE	18.5	39.1	61.7	19.5	138.8	8	A.-Cu. E	S.-Cu.	4	Ci.	Cu.
11	SE	E	SE	SE	SE	SE	18.3	54.4	67.6	12.6	152.9	5	Ci.-Cu. E	S.-Cu.	4	Ci. E	Cu.
12	NW	NE	SE	SE	E	N	28.8	43	44	26.8	142.6	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
13	N	N	NW	NW	Calm	N	20.7	19.6	30.8	34.4	105.5	10	Ci.-S.	Cu.-N. WNW	10	Ci.-S.	Cu.-N.
14	NW	NW	NNW	WSW	NW	NW	15.8	32.5	57.9	10	116.2	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. WNW
15	Calm	N	SbyW	S	SSW	SSW	15	117.5	106.2	141.8	380.5	10	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. WSW
16	S	S	SSE	SE	W	Calm	129.8	126.3	92.8	21.7	370.6	10	Ci.-S.	Cu.-N. WSW	8	Ci. N	Cu.-N.SW
17	NW	NW	NW	SSE	NW	NW	17.4	24.7	60	21.7	123.8	10	Ci.-S.	Cu.-N.ESE	9	A.-Cu. NE	Cu.-N. E
18	NW	NW	NW	WbyS	Calm	N	21.2	27.4	32.4	12.6	93.6	5	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N.ENE
19	N	N	SE	SE	SE	ENE	14.2	51.3	82.9	28.5	176.9	8	Ci.-S.	N. S	9	Ci.-S.	Cu.-N. W
20	ENE	ENE	SE	SE	W	N	43.8	61.4	78.4	35.2	218.8	10	Ci.-S.	Cu.-N. WSW	7	Ci.-S. NNE	Cu. SbyW
21	Calm	Calm	SE	SE	NNE	N	7.5	68.1	98.8	12.6	187	8	Ci.-S.	Cu.-N. SSW	6	Ci.-Cu. NW	Cu.-N.
22	N	W	S	S	SW	NNE	16.1	73.7	70.2	33	193	8	Ci.-S.	Cu.-N. W	9	Ci.-S.	Cu.-N. W
23	SSE	SW	SSW	S	W	NW	61	70	80.7	19.6	231.3	9	A.-Cu.	S.-Cu.	7	A.-Cu. NWbyW	Cu.-N. WSW
24	SSW	SSW	S	SE	ENE	NE	93.9	96.4	48.3	26.4	265	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. W
25	NE	SSW	NW	NW	Calm	Calm	22	33.8	43.8	20.1	119.7	10	Ci.-S.	Cu.-N. W	7	Ci.-S.	Cu.-N. W
26	N	Calm	SE	SE	Calm	E	17.1	32.2	40	14.5	103.8	4	A.-Cu. W	S.-Cu.	10	Ci.-S.	Cu.-N. WNW
27	E	SE	SSW	S	SSW	S	15.3	102.8	147.6	137.8	403.5	9	A.-Cu. W	Cu.-N.	9	A.-Cu. W	Cu.-N. WSW
28	SSW	S	S	E	E	S	137.6	107.8	69.8	102.8	418	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.SW
29	SSW	S	SE	SE	Calm	N	139.7	82.9	98.2	15.8	336.6	6	Ci.-S.	Cu.-N.	8	A.-Cu. WNW	Cu.-N.
30	N	N	N	S	Calm	W	13.5	21.9	33.2	12.7	81.3	9	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. W
31	Calm	WNW	WNW	NNW	N	Calm	12.7	15.3	51.8	16.6	96.4	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N. WNW
Mean	------	------	------	------	------	------	38.2	63.4	68	32	201.6	7.8	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,249.9	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.50	55.46	56.44	54.78	53.92	54.94	23.9	24.4	23.9	25.8	25.7	24.7	26.8	22.9	97	96	98	94	93	97	135.9
2	54.09	53.40	54.37	52.81	53.13	55	24.3	24.4	26.9	28.5	28	27.9	28.7	23.1	92	97	88	73	79	81	2
3	54.59	54.66	55.50	54.44	55.04	56.09	26.6	27	28.9	29	28	27.5	29.4	24.9	80	83	74	74	79	81	1.6
4	56	56.45	56.99	55.97	56.64	58.47	27.5	27.2	29	29.5	28.7	26.3	29.9	26.1	78	84	72	68	72	90	------
5	58.51	58.41	59.04	57.47	57.93	59.94	27.8	27.9	29.2	29.7	28.9	25.6	30.5	24.8	83	80	72	72	77	90	------
6	59.47	59.28	59.67	57.73	58.05	60.13	24.4	23.9	29.4	29.9	29	25.5	31.6	23.4	93	95	76	71	73	91	------
7	58.99	58.84	59.28	57.65	58.59	59.63	24.3	23.4	29.9	28.9	27.9	25.8	31.2	22.9	94	96	75	81	88	88	17
8	58.58	58.67	59.01	57.33	57.84	58.68	25.4	24.1	29	28.9	27.9	25.5	30.3	23.8	96	98	78	80	84	95	------
9	57.58	57.86	58.65	56.22	57.31	57.98	25.8	28.1	29.4	29.7	24	24.9	31	23.3	88	79	74	72	98	95	13.8
10	57.01	56.37	57.25	55.47	56.12	57.79	24.6	28	29.3	30	29.6	28.7	30.8	24.3	94	80	76	71	73	80	------
11	57.11	57.25	58.09	56.11	57.43	59.17	28.5	27.9	29.4	30.4	29.4	25.9	31	24.9	78	81	72	72	75	89	------
12	58.22	58.64	59.59	57.98	58.92	60.68	24.6	23.4	29.7	30	29.5	24.5	31.8	23.3	91	96	75	73	74	92	------
13	59.76	59.47	60.02	57.85	58.41	60.53	23.2	22.4	30.9	28.6	27.9	25.9	32.8	22.2	95	96	60	79	88	92	16.3
14	59.49	59.49	60.33	57.98	58.73	59.90	25.4	25.5	29	29.9	27.3	25.1	30.6	24.5	97	91	74	68	85	94	1
15	58.68	58.83	59.64	57.77	57.72	59.30	24.1	24.9	28.9	30.1	28.3	26.4	30.7	23.8	96	96	77	65	77	83	3.1
16	58.60	58.52	58.98	57.12	58.14	59.66	26.6	27.9	29	30.5	29	25.4	30.7	25.2	80	84	74	61	74	92	------
17	59.07	59.01	59.93	57.79	58.93	60.59	25.1	24.7	30.8	30.1	27.8	25.8	31.5	24.3	94	92	70	70	88	93	------
18	59.27	59.54	59.93	58.11	58.27	60.15	24	23.7	30.4	26.1	26	24.4	31.2	23.1	98	97	71	85	92	97	33.5
19	59.53	59.90	60.18	57.87	58.30	60.14	24.3	24.4	28.7	27.6	26.1	25.1	31.2	23.9	97	93	74	87	91	96	56.2
20	59.17	59.09	59.39	57.85	57.86	59.12	23.8	23.9	28.6	25	25	24.5	29.6	23.3	97	97	82	97	99	97	17.5
21	58.32	58.18	58.56	57.20	58.06	59.75	22.7	22.7	27.9	26.8	26.2	25	28.9	22.1	98	97	80	87	92	98	50.7
22	58.87	58.85	59.79	57.93	59.35	61.45	24.8	22.7	28.5	30.1	24.8	23.4	30.3	22.4	91	95	73	69	88	97	92.5
23	59.89	60.20	60.83	58.88	59.05	60.50	23.7	22.9	28	29.2	27.4	24.4	29.8	22.5	90	96	80	72	88	91	.3
24	59.42	59.65	60.32	58.59	58.58	59.90	22.8	22.1	29.5	25	25	23.9	30.7	21.6	96	95	73	95	95	97	16
25	58.77	59.06	59.68	57.43	58.21	60.04	22.6	22	29.1	30.9	27.8	23.9	31.5	21.7	93	96	69	65	85	93	------
26	59.02	58.94	59.69	57.50	58.35	59.95	22.4	21.9	29.8	31.2	28.4	25.5	32.1	21.3	92	96	69	64	75	86.	------
27	58.96	60.02	60.72	58.26	58.35	60.76	23.6	22.8	29.5	31	26.5	23.7	31.8	22.4	92	92	72	65	91	93	16
28	58.85	59.17	59.75	57.26	58.52	59.47	23.6	23.1	29.8	30.9	25.8	23.9	32	22.5	90	94	69	65	93	95	5.6
29	58.59	58.90	59.67	58.11	58.15	59.62	23.2	22.9	29	26.8	26.2	24.4	29.8	22.4	90	96	76	84	90	96	3.1
30	58.52	58.52	59.37	57.33	57.85	58.86	23.4	22.9	28.9	30.1	27.2	24.4	30.6	22.4	97	96	78	72	92	93	.8
Mean	58.31	53.35	59.02	57.16	57.72	59.27	•24.6	24.4	29	29	27.3	25.3	30.6	23.3	91.6	92.1	75	75	84.9	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	482.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	N	WNW	NW	WNW	NW	18.5	26.9	32.2	29.6	107.2	10	Ci.-S.	N. WNW	10	Ci.-S.	N. WNW
2	SW	SW	Calm	SW	SSW	SSW	16.3	22.5	116.1	213.2	368.1	10	Ci.-S.	N. W	10	Ci.-S.	Cu.-N. W
3	SSW	S	SSW	SW	SSE	SSE	211.4	232.6	212.5	198.2	854.7	10	Ci.-S.	N. SSW	10	Ci.-S.	Cu.-N. SW
4	SSE	S	SSE	SSW	S	E	171.1	178.4	172	55	576.5	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. SW
5	SSE	S	SE	SE	SE	SE	99.8	98.2	68.9	17.2	284.1	8	A.-Cu. W	S.-Cu.	7	A.-Cu. W	Cu.-N. WSW
6	SE	SE	SE	SE	SE	SE	17.7	46.1	50.2	19.6	133.6	7	A.-Cu.	Cu.-N. WSW	7	A.-Cu. NW	Cu.-N. WNW
7	Calm	SE	S	S	Calm	SW	14.3	39.2	23.5	18.2	95.2	6	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N.
8	NW	NW	SE	SE	SE	ENE	23.8	------	56.6	16.4	------	6	A.-Cu. ENE	S.-Cu.	7	Ci.-S.	Cu.-N. W
9	E	S	S	SE	SSW	NE	58.5	62.2	71.1	17.9	209.7	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. W
10	N	S	SSE	SE	SbyW	S	53.3	107.2	115.7	59.5	335.7	10	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	Cu.-N. W
11	S	S	SSE	SE	Calm	Calm	100.4	99.8	73.4	18	291.6	10	Ci.-S.	Cu.-N. SSW	5	Ci.	Cu.-N. W
12	E	NE	SSE	SSE	Calm	SE	18.3	47.2	32.4	16.7	114.6	9	A.-Cu. SW	Cu.	6	A.-Cu. N	Cu.-N. WNW
13	NE	NE	NW	SE	N	N	21.4	37.8	35.7	13.9	108.8	2	Ci. NE	Cu.	7	Ci.-S.	Cu.-N. WNW
14	Calm	E	WSW	NW	Calm	NW	16.9	29.5	44	13.5	103.9	10	Ci.-S.	Cu.-N. WNW	8	Ci.-S.	Cu.
15	NW	Calm	SE	SE	SE	ESE	13.1	49.4	71.4	31.7	165.6	10	Ci.-S.	S.-Cu.	5	Ci.-S. E	Cu. W
16	E	SSE	SE	SE	SE	SE	65.7	102.5	63.9	17.7	249.8	10	Ci.-S.	Cu.-N. SW	4	Ci.	Cu.
17	N	S	WNW	SE	SE	NE	25.1	40.2	54.7	17.7	137.7	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
18	Calm	N	NNW	NE	N	N	13.5	47.8	31.7	17.5	110.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NE
19	Calm	NW	S	ESE	SE	SE	15.3	31.6	44.8	30.4	122.1	9	A.-Cu.	Cu.-N. ESE	9	Ci.-S. E	Cu.-N. NE
20	NE	NE	NNW	Calm	Calm	NE	13.1	33	18.2	9.5	73.8	9	Ci.-S.	N. SE	10	Ci.-S.	Cu.-N. WNW
21	N	N	SSE	ENE	E	S	15.8	49.7	27.6	31.7	124.8	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. S
22	ESE	NE	SE	SSE	N	NE	18.5	40.2	64.6	35.6	158.9	4	A.-Cu. SW	Cu.	6	Ci.-S. E	Cu.
23	NE	NE	ESE	SSW	Calm	SE	15.1	30	37.6	14.2	96.9	8	Ci.-S.	N. WSW	7	Ci.-S. E	Cu.-N. N
24	NE	NE	ESE	NE	N	N	18.5	34.8	40.7	14.5	108.5	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
25	N	N	SW	S	NW	NW	17.4	31.6	42.6	19.9	111.5	6	Ci. E	Cu.	7	Ci.-S.	Cu.-N. ENE
26	N	N	W	SSE	SE	NE	23.8	36.7	49.6	21.5	131.6	1	Ci.	Cu.	7	Ci.-S.	Cu.-N. NE
27	N	N	NW	SSE	NW	NW	22.2	28.5	52	16.4	119.1	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. W
28	NW	Calm	SW	S	NE	N	27.4	32.2	54.2	16.3	130.1	7	A.-Cu. NNE	Cu.-N.	7	Ci.-S.	Cu.-N. NE
29	N	N	S	N	N	N	17.1	52.5	35.1	22.2	126.9	6	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. WNW
30	Calm	N	S	S	Calm	NW	18	40.7	41	19.5	119.2	6	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N. N
Mean	------	------	------	------	------	------	39.4	58.9	61.1	34.8	195.5	7.5	------	------	7.9	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.40	58.72	59.59	57.89	58.35	59.24	23	23.4	29.4	25	27.6	23.4	30.7	22.9	97	96	74	96	87	91	21.3
2	58.34	58.90	59.38	57.29	57.79	59.12	22.5	22.9	28.6	26.2	25.6	25	30.2	22.3	94	96	80	90	89	94	9.4
3	58.60	58.73	59.60	57.47	57.94	59.64	23.8	23.1	29.6	30	28.4	25.6	30.9	22.6	98	96	78	74	77	94	------
4	59.09	59.54	60.35	58.06	58.73	59.93	23.8	25.4	29	28.5	27.8	25	30.1	23.8	95	88	77	80	84	99	2.3
5	59.31	59.24	59.80	57.50	58.34	59.46	24.1	23.7	29.8	29.6	27.5	24.4	31	22.9	98	93	72	75	81	89	------
6	58.92	58.83	59.12	57.15	58.31	59.65	23.8	23.9	29.4	28.8	27.3	25.4	31.1	23.5	91	91	70	71	81	88	------
7	58.39	58.88	59.88	58.15	59.18	59.92	25	23.4	28.8	25.8	25.4	23.4	31	22.9	90	96	73	92	95	96	14.2
8	58.90	59.04	59.88	57.63	58.10	59.07	22.6	22.4	28.6	26.7	26.6	24.4	30	22	96	96	77	90	94	95	8.4
9	57.79	57.48	57.91	55.48	56.31	57.80	23.8	23.8	27.2	30.6	27.4	24.8	30.9	23.2	98	97	87	70	84	93	.5
10	56.71	56.33	57.20	55.35	55.70	56.79	24.2	24.5	28.8	25.2	26.6	25.4	29.8	23.8	93	93	76	96	90	95	9.9
11	55.61	55.42	56.04	53.34	54.22	55.81	24.8	25.1	29.2	28.9	23.9	22.9	30.6	22.4	98	94	73	81	97	99	164.4
12	53.98	54.78	55.71	54.85	55.92	56.72	26.3	27.5	28.8	25	26.8	27.4	29.3	23.7	79	87	80	97	85	84	3.1
13	55.51	55.77	56.16	54.81	55.33	56.75	27.5	27.4	28	28.6	28.4	27.5	29.3	26.2	81	83	81	73	75	76	.5
14	56.11	55.92	56.59	54.83	55.34	56.75	26.6	26.4	29	29	28.2	28.8	30.3	26	82	86	74	68	72	78	------
15	55.90	56.42	57.79	56.39	57.24	59.25	28.4	27.8	29	30.7	29.4	26.1	31.4	25.1	84	79	75	63	66	86	------
16	58.15	58.77	60.32	58.26	58.89	60.09	27.7	27.8	28.8	28	27.8	27.6	30.1	25.9	82	78	76	82	82	84	------
17	58.99	59.40	60.20	58.08	59.44	60.80	27.6	26.7	28.9	29.4	24.4	24.4	30.6	23.8	90	86	74	76	94	96	18.3
18	59.87	60.17	60.85	58.63	59.83	60.64	24.4	24.6	29	29	26.6	25	30.4	23.9	99	97	75	76	88	95	1.3
19	60.21	60.62	60.90	58.95	59.68	60.53	23.2	24.1	29	28.4	27.7	25.3	29.7	22.9	98	94	77	77	82	93	.5
20	59.89	60.32	60.55	59.07	59.85	61.20	24.3	24.2	28	25	24.6	24.4	30.2	23.6	96	96	80	95	97	96	26.4
21	59.90	59.86	60.40	58.86	58.95	60.30	23.7	22.9	28	26.6	26.4	24.9	29.1	22.5	98	97	80	80	89	92	.3
22	59.41	59.62	59.58	57.90	58.44	59.47	24.3	23.4	29.9	26.8	26.6	24	30.6	22.8	97	95	76	86	90	95	8.1
23	58.78	58.78	59.31	57.35	58.55	60.05	23.3	23.9	27.9	31	27.4	25.2	31.4	23.3	96	96	84	67	84	90	6.3
24	59.17	58.93	60.34	58.28	59.69	61.37	24.4	23.4	27.2	29.5	27.4	23.9	30.6	22.7	87	97	81	72	84	92	------
25	60.60	60.92	61.55	59.34	59.99	60.84	22.4	21.6	29	30.6	27.5	22.9	31.2	21.3	89	94	64	60	73	92	------
26	60.28	60.22	60.28	58.03	58.77	60.20	21.2	20.8	29	30.6	25.2	21.3	31.2	20.4	93	94	59	54	79	87	------
27	59.83	59.92	60.09	57.95	59.13	60.82	20.3	20.1	29	30	27.7	24.9	31.3?	19.8	94	95	65	60	75	95	------
28	60.11	60.08	60.63	58.52	59.67	61.09	22.9	21.4	29.3	30.9	27.9	25.4	31.2	21.1	94	93	60	65	81	92	.5
29	60.27	60.47	60.77	58.56	59.53	61.06	23.2	22	29.4	30.9	25.6	24.3	31.3	22	93	95	59	61	94	97	23.4
30	60.22	60.30	60.75	57.92	58.90	60.04	23.1	22.1	30	31.6	26.4	25.4	32.2	22.1	98	97	66	59	90	94	9.7
31	58.91	59.59	60.44	58.65	59.59	61.10	23.9	23.5	28.4	26.8	26.2	24.6	29	23.3	96	97	76	82	90	95	6.9
Mean	58.59	58.77	59.42	57.44	58.25	59.53	24.2	24	28.8	28.5	26.8	24.9	30.5	23.1	92.7	92.6	74.2	76.4	84.8	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	335.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	SSE	NE	Calm	N	18	40.2	33.5	15.8	107.5	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	N	NW	S	N	WSW	W	18	34.1	40	15.3	107.4	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
3	WNW	W	S	SSE	SE	E	14.8	44.1	62.8	20.6	142.3	4	A.-Cu. SW	Cu.-N.	7	A.-Cu. WSW	Cu.-N. W
4	E	E	SE	S	S	SW	18.7	55.7	22.7	26.8	123.9	8	A.-Cu.	Cu.-N. WSW	8	Ci.-S.	Cu.-N.
5	N	N	SSW	SW	NW	NW	21.2	37.6	41.2	14.5	114.5	7	Ci.-S. NNW	Cu.	8	Ci.-S NW	Cu.-N. W
6	NW	NW	SE	N	W	W	15.3	48.8	41.2	20.3	125.6	6	A.-Cu. SW	S.-Cu.	7	Ci.-S.	Cu.-N. WNW
7	ENE	NE	SW	NW	NW	NW	20.1	37.2	21.9	10.2	89.4	5	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
8	NW	NW	S	NW	NW	NW	17.2	33.3	17.5	12.3	80.3	5	Ci.-Cu. N	Cu.-N. NW	8	Ci.-S.	Cu.-N. NW
9	NW	NW	W	NWbyW	WNW	WNW	18.3	29.2	42	15.5	105	8	Ci.-S. EbyS	Cu.-N.	8	Ci.-S. E	Cu.-N. WNW
10	WNW	N	S	N	Calm	N	19.6	46.9	33.3	16.1	115.9	9	Ci.-S. E	Cu.-N. W	10	Ci.-S.	Cu.-N. W
11	N	N	SbyW	SE	NNE	NW	18.5	84.3	155.8	57.6	316.2	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. SW
12	SW	SSW	SSW	SW	SSW	SSW	159.1	196.8	209	208.8	773.7	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
13	SSW	SSW	S	S	S	SSE	145.5	147.8	150.8	146.6	590.7	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. WSW
14	SSE	SE	S	S	SE	SSE	92.5	126.6	151.2	99	469.3	9	A.-Cu. W	S.-Cu. SW	8	A.-Cu. WSW	Cu.
15	S	S	SSW	SW	SW	SW	193.7	224	114.9	26.6	559.2	8	A.-Cu. SW	Cu.	7	A.-Cu. SW	Cu.-N. WSW
16	S	S	S	SE	SSE	SSE	120.9	99	68.7	50.4	339	10	Ci.-S.	Cu.-N. SW	10	A.-Cu.	Cu.-N. WSW
17	S	S	S	SE	N	N	65.2	80.8	67.4	10.7	224.1	8	Ci.-S.	Cu.-N. W	9	Ci.-Cu. ENE	Cu.-N. W
18	N	N	E	SE	N	Calm	13.7	35.2	45.1	11.3	105.3	9	A.-Cu. SW	S.-Cu.	9	A.-Cu. E	Cu.-N. W
19	ENE	NE	S	SW	SW	Calm	14.7	47.7	22.2	11.8	96.4	8	A.-Cu. NW	S.-Cu.	10	Ci.-S.	Cu.-N. W
20	NW	NW	WNW	Calm	S	W	12.9	20.9	15.1	22	70.9	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NW
21	W	W	E	WSW	Calm	NW	15.8	42.3	38.6	20.1	116.8	10	Ci.-S.	S.-Cu.	9	Ci.-S. E	Cu.-N.
22	NW	Calm	WNW	W	NW	NW	13.1	30.4	32.8	11.1	87.4	7	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
23	NW	NW	NNW	WNW	NW	NW	14.8	28	60.2	15.9	118.9	8	Ci.-S.	Cu.-N. W	8	Ci.-S.	Cu.-N. NW
24	NW	NW	NW	SE	SE	NE	12.9	21.1	38.6	14.3	86.9	9	Ci.-S.	Cu.-N. NNE	9	Ci.-S.	Cu.-N.
25	NE	NNE	WNW	NE	S	SE	18.5	33.2	49.1	18.5	119.3	7	Ci.-S.	S.-Cu.	6	Ci.-S. N	Cu.
26	SE	SE	NW	NW	NW	NW	24.3	35.7	41.5	23.5	125	6	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.
27	NW	NW	WNW	S	SE	SE	22.5	38.1	51.5	15.3	127.4	1	Ci.	S.-Cu.	3	A.-Cu.	Cu.
28	E	NE	E	SE	SE	Calm	18.2	33.2	57.7	16.4	125.5	3	Ci.-S. SE	S.-Cu.	7	Ci. SE	Cu.-N. N
29	N	NNE	SW	SSE	NE	NNE	19	43.5	47.3	22.8	132.6	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. NE
30	N	N	SE	S	NW	NE	14.5	38.9	50.7	31.7	135.8	4	Ci.-S. SSE	Cu.	7	Ci.	Cu.-N. NE
31	NE	N	ESE	SE	SE	Calm	15.8	38.8	37.6	15.9	108.1	10	Ci.-S.	N. ESE	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	38.9	59.8	60.1	32.8	191.6	7.2	------	------	8.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,940.3	------	------	------	------	------	------

ORMOC.

[$\phi=11°\ 00'$ N; $\lambda=124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.75	59.53	60.26	58.14	59.43	60.81	23.4	22.1	29.2	30.6	25.4	25	31.2	21.9	97	98	71	70	92	88	
2	59.57	59.70	59.99	58.33	59.18	60.66	23.2	22.5	30.4	30	26.9	25.1	31.6	22.4	97	96	66	74	90	92	1
3	60.02	60.21	60.34	58.29	59.19	60.25	23.2	23.1	29.3	29.8	27.4	24.5	31.1	22.8	98	97	71	67	91	91	3.6
4	59.29	59.89	60.68	58.46	59.78	60.68	23.3	24	28.6	27.6	27.5	25.8	30.9	22.8	97	95	75	87	76	91	2.8
5	59.81	60.06	60.85	58.70	59.21	60.55	24.3	23.9	28	28	26.4	24.8	31.6	23.4	97	94	84	84	89	94	.6
6	59.57	59.70	60.34	58.75	59.37	60.56	24.2	23.4	30.4	26.9	25.4	25.4	30.9	23.3	97	97	71	90	94	94	25.2
7	59.81	59.70	60.56	58.96	59.45	60.71	25.3	25	28	28.5	27.4	27.6	29.3	24.3	93	93	79	74	74	81	
8	59.40	59.74	60.71	58.40	59.40	61.28	27.7	25.4	27.9	29.6	26.9	26.1	30	24.3	78	88	80	66	80	90	.3
9	60.12	59.72	60.85	58.24	58.96	59.63	23.8	24.4	30	30.2	26.8	26.5	30.9	23.8	97	91	69	68	84	76	1.3
10	59.61	59.82	60.42	57.68	58.68	60.55	23.9	23.8	30.5	30.6	27.8	26.2	32.4	22.2	91	94	61	66	70	70	3.1
11	58.91	59.28	60.25	58.62	59.43	60.84	22.8	21.7	29.2	27.6	26.6	23.9	30.7	21.7	80	94	64	81	87	96	2.8
12	59.78	60.33	60.90	58.84	59.74	60.90	22.4	22.8	30.6	31	26.6	24.1	32.5	22.3	96	92	60	64	86	90	
13	60.12	60.66	60.95	58.48	59.13	61.01	21.9	22.3	27.6	29	26	21.9	29.8	20.2	93	85	79	67	79	87	
14	60.17	60.27	60.74	58.60	59.70	60.66	20.4	19	28	29.2	25	22.4	29.4	19	83	92	58	79	83	96	
15	60.08	60.36	61.20	59.14	60.40	61.56	20.8	22.4	26.1	29.1	24.5	23.6	30.6	20.3	100	95	79	64	95	96	24.2
16	61.41	61.37	61.94	59.87	60.22	61.31	23	23.4	26.6	28.5	25.2	23.8	29.1	23	95	95	77	70	83	89	3
17	60.57	60.82	61.09	59.20	60.08	61.34	23.6	23.4	27.8	29	25.4	25.3	29.3	23	91	94	74	73	86	93	.3
18	60.89	61.46	61.98	59.90	60.50	61.75	24.2	24.1	28	27.4	26.9	24.9	30.7	23.1	97	92	69	84	88	92	2.8
19	60.91	61.40	61.72	60.03	60.71	62.12	22.7	21.8	29	30	25.9	23.5	30.8	21.4	96	96	72	62	88	96	10
20	61.71	61.57	61.82	59.96	60.79	61.57	23.5	21.7	29.9	29.4	25.4	23.9	30.9	21.2	89	94	58	70	95	97	14.5
21	61	60.88	61.19	59.08	59.93	60.80	22.6	22.4	29.5	30.1	26.8	23.5	31	22	97	98	69	68	87	94	
22	59.33	59.49	60.20	58.47	59.55	61	23	24.4	30.8	31.9	26.4	24.8	33.1	22.5	92	91	54	51	75	78	
23	60.60	60.78	61.29	59.88	60.54	62.30	23.6	23.4	29	30	27.9	23.2	30.8	22.2	85	87	67	71	81	89	
24	60.96	61.32	61.94	59.89	60.84	62.12	21.9	21	29.9	29.7	24.9	23.1	31.8	20.5	96	94	53	73	92	94	22.1
25	61.12	60.93	61.48	59.09	59.59	60.69	22.8	21.9	29.3	30.8	26	23	31.7	21.8	91	96	51	56	76	86	
26	59.51	59.23	59.47	57.08	57.93	59.21	23.2	22	29.3	31	25.5	24.4	31.4	21.6	84	95	58	56	85	96	7.1
27	57.56	58.03	59.32	57.90	58.07	59.04	24.3	24.2	26.8	27.5	24.9	22.5	29.6	21.7	97	97	85	78	94	100	3
28	58.70	59.11	59.86	57.92	58.14	59.37	21.1	20.5	27.9	29.9	28.1	23.7	30.5	20.3	99	99	74	65	77	92	
29	59.03	59.13	59.88	57.63	58.36	59.96	21.8	21.6	29	30.2	25.9	24.9	30.8	21.4	95	96	70	69	92	95	4.3
30	59.28	59.30	60.03	58.56	59.52	60.02	23.3	22.7	28.7	27.3	26	24.4	31	22.4	96	96	75	86	91	96	24.9
Mean	59.95	60.13	60.74	58.74	59.53	60.78	23.2	22.8	28.8	29.3	26.3	24.4	30.8	22.1	93.1	94	69.1	71.1	85.3	90.6	
Total																					156.9

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Nocn.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	N	N	WNW	S	NW	NE	20.6	30.8	44.1	25.4	120.9	10	Ci.-S.	S.-Cu.	9	Ci.-S. E	Cu.-N. ENE	
2	N	N	ENE	S	Calm	NW	20.9	45.7	34.8	21.1	122.5	7	Ci.-S.	Cu. NEbyE	8	Ci.-S.	Cu.-N. E	
3	NW	NW	W	S	NW	N	20.6	38.6	50.1	23	132.3	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E	
4	N	N	W	NW	NE	NE	20.7	30.3	35.9	19.9	106.8	6	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N.	
5	N	N	NW	SE	N	N	20.3	36.7	54.9	20.4	132.3	7	A.-Cu. E	S.-Cu.	10	Ci.-S. E	Cu.-N. E	
6	N	N	S	S	E	ESE	20.9	42.8	38.4	24.4	126.5	5	Ci.-S.	Cu.-N. ENE	10	Ci.-S. E	Cu.-N. ENE	
7	SE	S	N	S	NE	NE	26.8	25.2	26.2	57.3	135.5	10	Ci.-S.	N. E	10	Ci.-S.	N. E	
8	NNE	N	NE	NE	N	ENE	41.5	28.4	34.9	19.6	124.4	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E	
9	N	NE	N	ESE	S	NE	22.2	46.1	42.8	28.8	139.9	5	Ci.-S.	Cu.-N. ENE	8	Ci.-S. E	Cu.-N. ENE	
10	NNE	N	NW	SSW	NE	NE	27.6	37	43.5	24.6	132.7	4	Ci.-S.	S.-Cu.	8	Ci.-S. SEbyS	Cu.-N. NNE	
11	NE	N	NE	NW.	NW	NW	23.1	44.6	26.8	19	113.5	5	Ci.-S. EbyS	Cu.-N.	10	Ci.-S. EbyS	Cu.-N. NE	
12	NW	NW	NE	S	W	W	16.7	47.5	69.4	16.1	149.7	4	Ci.-S.	Cu.-N. ENE	5	Ci.	Cu. NE	
13	W	N	NbyW	SSE	NW	N	21.2	37.2	62.8	20.1	141.3	7	Ci.	Cu.-N.	4	Ci.-S. SE	Cu. NE	
14	N	N	NNW	NNW	N	NE	18.7	64.2	71.1	14.3	168.3	7	A.-Cu. NE	S.-Cu.	9	A.-Cu. NE	Cu.-N. N	
15	N	NW	NW	NNW	NW	NW	30.4	47	57.4	9.2	144	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NE	
16	NW	NW	NNW	NW	NW	NW	9.7	49.6	48.9	12.6	120.8	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.	
17	NW	Calm	NW	NE	NNE	NE	12.9	25.7	40	11.9	90.5	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N. WNW	
18	NE	NNE	E	N	Calm	N	12.7	28.8	40	17.4	98.9	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.	
19	N	N	SW	SE	N	N	14.3	39.4	30.4	24.6	108.7	2	Ci.-S.	S.-Cu.	9	A.-Cu. ENE	Cu.-N. E	
20	NNE	N	NE	SW	NW	NW	18.3	47.8	42.3	23.8	132.2	2	Ci.	S.-Cu.	10	A.-Cu.	Cu.-N. E	
21	N	N	WNW	S	S	SW	13.9	36.7	41.2	20.7	112.5	2	Ci.	Cu. E	8	Ci.-S.	Cu. NE	
22	SW	SW	ENE	NE	NE	N	15.8	41.8	61.7	19.8	139.1	4		Cu.-N. NE	5	Ci.-S.	Cu. NE	
23	NNE	N	W	SW	SW	N	31.7	49.3	62	20.9	163.9	8	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. ENE	
24	N	N	ENE	W	Calm	N	19	45.1	39.9	27.2	131.2	2	Ci.-S.	S.-Cu.	8	A.-Cu. ENE	Cu.-N. NE	
25	N	N	NNE	WSW	N	N	29.8	43.3	43.8	17.5	134.4	5	Ci.-S.	Cu.-N. NNE	4	Ci.-S.	Cu. E	
26	NW	NW	N	WNW	N	N	18.8	53.7	67	23.9	163.4	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE	
27	Calm	N	WNW	S	NW	NW	8.5	32.5	34.8	15.6	91.4	9	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N.	
28	NW	NW	SW	S	S	NW	19	34.9	38.6	15.3	107.8	1		Cu.	7	Ci.-S.	Cu.-N. ENE	
29	NW	NW	W	SE	N	N	20.9	38.4	50.4	21.4	131.1	1	Ci.	Cu.	5	Ci.	Cu. NE	
30	N	N	SW	NE	Calm	N	14	38.8	31.6	10.2	94.6	3	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE	
Mean							20.4	40.3	45.5	20.9	127	5.8			8.3			
Total											3,811.1							

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.70	59.79	60.48	58.42	59.22	60.46	22	20.5	28.4	31.4	27.4	25.1	31.8	20.3	96	95	65	57	73	88	------
2	59.49	60.23	60.86	59.19	60.10	61.09	22	20.2	28.4	27.9	26.9	23.8	30.6	20.1	98	95	73	78	84	92	2.8
3	60.56	60.81	61.27	60.04	60.82	62.15	25.4	23.2	29.6	29.6	26.9	25	32.7	22.2	68	89	55	60	73	83	------
4	61.30	61.60	62.14	60.48	61.15	62.25	22.6	23	29.2	29	26.5	24.5	30.1	21.6	95	92	64	70	78	92	1.6
5	61.82	61.80	62.43	60.53	61.25	62.19	23.3	23.4	28	28	27.5	25.1	28.6	22.9	97	96	68	68	68	82	------
6	61.27	61.44	61.98	60.02	60.54	61.59	23.8	24.4	29.2	30.9	28.5	26	32.1	23.6	91	85	58	50	62	72	------
7	60.80	60.39	61.28	59.54	60.25	61.72	24.4	24.5	28.4	24.8	25.5	24.8	30.4	23.6	91	87	72	89	84	83	8.9
8	60.51	60.03	60.46	58.60	59.61	60.65	23.8	23.7	29.2	29	26.7	27	31	23	91	93	66	67	74	69	5.8
9	59.57	60	60.39	58.75	59.43	60.42	23.3	22.4	30.4	27.8	25.9	25.4	31.9	21.7	95	96	56	79	91	88	8.4
10	59.80	60.11	60.98	58.94	59.43	61.11	25.2	25.2	29.5	30.9	26.9	25.3	32	23.9	81	74	58	56	77	87	3
11	60.09	60.36	60.85	58.42	58.96	60.05	23.2	21.9	28.5	30	27.4	24.4	31.3	21.7	88	94	70	67	74	92	.8
12	59.18	59.50	60.29	57.84	58.92	59.85	23.6	23.8	27.4	29.9	25.4	25.8	30.8	22.6	90	90	78	65	86	83	13.2
13	59	59.18	60.04	58.18	58.91	60.37	24	23.9	29.5	30.7	26.2	25	31.3	22.7	92	91	63	63	85	94	7.9
14	58.97	58.19	59.29	58.04	58.31	59.59	24.1	23.9	28.4	25.5	27.4	26.6	30.8	23.3	95	91	71	84	73	79	2.6
15	58.82	58.73	59.09	57.71	58.48	59.41	25.6	25.4	29.4	28.7	26.4	25.1	29.9	24.7	84	86	72	75	89	95	3
16	59.34	60.21	60.43	58.28	59.01	60.29	24.5	23.3	28.6	30.3	26.9	24.4	30.7	23.2	96	97	76	68	87	93	5.1
17	59.70	59.49	60.38	58.68	59.71	60.76	23.4	23.8	28.3	29.4	26	24.9	29.8	23.1	92	97	78	71	91	96	15
18	59.90	60.05	60.44	58.65	59.94	61.15	23.7	22.8	28.3	29.5	26.8	23.9	30.9	21.8	93	93	78	73	85	96	------
19	60.51	60.77	61.19	59.30	61.25	61.51	23.6	24.3	28.5	29.2	24.5	25.8	29.9	22	93	91	74	71	79	77	20.1
20	61.20	61.37	61.56	59.83	60.51	61.67	26.3	24.1	27	27.9	25.9	24.4	31.3	23.5	75	90	78	77	83	87	.3
21	61.19	61.17	61.16	59.06	59.91	60.70	24.2	24.4	25.4	27.9	25.9	24.5	28.4	23.4	88	87	92	78	92	96	15.5
22	59.51	59.12	60.16	57.89	58.34	60.20	24.1	23.5	25.7	28.4	26.8	24.6	29	22.9	96	94	89	77	85	95	1
23	59.28	59.24	59.48	57.97	58.92	60.11	23.6	23	26.9	29.9	26.8	25.2	30.3	22.4	94	92	80	62	85	89	------
24	59.18	59.23	59.66	57.47	57.91	58.99	24	23.7	27.6	27.2	25.2	24.6	29	23.2	94	92	76	80	93	97	15.5
25	58.03	58.68	59.56	58.01	58.57	59.86	24.4	24.5	25.5	26	26	24.9	28	24.4	98	97	94	94	95	96	27.7
26	59.12	59.39	60.41	58.52	58.82	60.07	24.5	24.7	27.8	26.6	26.3	24.8	28.5	24.4	97	97	84	90	90	97	21.8
27	59.29	59.37	59.80	57.94	58.50	59.87	24	23.9	28.4	27.1	26.4	24.2	28.8	23.5	98	97	78	89	80	86	1.1
28	59.22	59.37	60.29	58.55	59.44	60.60	24.8	23.9	29	30.2	26.4	24.9	30.9	23.3	84	86	60	56	76	83	3
29	60.22	61.14	61.54	59.60	60.76	62.20	24.6	24.4	26.4	29.7	26.4	24.4	30.1	23.6	88	96	89	72	92	96	6.1
30	61.48	61.95	62.85	61.55	62.20	63.74	22.9	21.9	28.6	27.5	25.9	24.5	29.6	21.6	95	97	73	81	91	95	5.6
31	62.77	63.05	63.23	61.39	62.33	64.17	23.8	22.4	28.9	30	27.4	22.7	30.6	21.5	93	96	63	64	80	93	------
Mean	60.03	60.19	60.77	58.95	59.73	60.93	24	23.5	28.2	28.7	26.5	24.9	30.4	22.8	91.2	92	72.6	72	82.4	88.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	195.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	W	SSW	E	N	16.6	30.3	54.7	22.8	124.4	1	Ci.	Cu.	7	A.-Cu. E	Cu.-N. NE
2	N	N	W	E	Calm	NE	23	28	29	16.3	96.3	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
3	NE	N	SSW	S	NE	NE	35.1	36.8	58.2	24.6	154.7	6	Ci.	Cu. E	7	A.-Cu. ENE	Cu.-N.
4	NE	NE	ENE	W	NE	NE	19.1	34.9	37.2	18.3	109.5	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. NE
5	N	NE	E	ENE	NE	E	24.6	46.1	56.8	46.4	173.9	6	Ci.-S.	Cu.-N. NE	10	Ci.-S.	S.-Cu.
6	ENE	NW	ENE	ENE	NE	N	16.9	64.7	66.5	33.8	181.9	8	A.-Cu. ESE	Cu.-N. NE	7	A.-Cu. ESE	Cu. NE
7	NE	N	NNW	NNW	SE	ENE	21.9	34.9	38.6	33.3	128.7	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
8	NW	N	NE	S	NE	NE	24.1	59.5	46.7	52.5	182.8	7	A.-Cu. E	Cu.-N. E	10	A.-Cu. E	Cu.-N. E
9	NE	NE	ESE	SSE	S	E	30.3	31.6	32.5	25.4	119.8	4	Ci.-S.	Cu.-N. ENE	10	A.-Cu. E	Cu.-N. E
10	ENE	NE	NE	NE	NE	NW	33	68.4	69.8	18.2	189.4	5	Ci.-S. NE	Cu.	4	Ci.	Cu.
11	N	N	W	NE	NE	N	17.1	30.9	31.9	20.6	100.5	7	Ci.-S.	Cu.-N. E	9	A.-Cu. SE	Cu.-N. E
12	NW	NW	W	S	SE	NE	16.1	27.2	44	26.6	113.9	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.
13	W	NW	SW	SE	NNW	Calm	18	42.4	38.4	15.8	114.6	6	A.-Cu. E	Cu.-N.	8	A.-Cu. E	Cu.-N. E
14	N	NW	NE	S	ENE	N	16.4	35.6	45.1	25.5	122.6	10	A.-Cu. SEbyE	N. ENE	10	Ci.-S.	Cu.-N.ENE
15	NE	NNW	SW	SSE	NNE	Calm	24.7	39.9	27.4	14.5	106.5	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.ENE
16	N	SW	W	S	N	N	12.7	38.6	44.9	16.7	112.9	7	A.-Cu.	Cu.-N. E	8	A.-Cu. E	Cu.-N.ENE
17	NW	NNE	S	SE	N	N	16.1	43	50.7	17.2	127	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.WSW
18	N	N	SW	S	Calm	N	22.5	38.4	80.2	16.7	157.8	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.NE
19	N	Calm	SW	S	E	SE	19.5	36.2	44.5	42.6	142.8	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N.ENE
20	NNE	Calm	SW	N	NE	N	32.4	23.6	48.3	15.9	120.2	7	A.-Cu. E	Cu.-N. ENE	9	A.-Cu. E	Cu.-N.ENE
21	N	NW	W	Calm	Calm	SW	22.7	13.5	23.8	11.3	71.3	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.NEbyE
22	WNW	WNW	NW	S	Calm	Calm	18.2	32	34.6	12.3	97.1	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.ENE
23	NE	NE	NW	SW	NW	Calm	19.3	28	29.8	13.2	90.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
24	NW	NE	NW	NW	N	N	16.4	35.4	43.1	17.2	112.1	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N. NW
25	N	Calm	WNW	NW	Calm	Calm	10.5	15.5	23	5.8	54.8	10	Ci.-S.	N. WNW	10	Ci.-S.	N. WbyN
26	Calm	N	N	E	Calm	Calm	15	17.5	24.1	6.4	63	9	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. W
27	N	N	NNW	NW	NW	NW	13.4	38.9	29.2	14.2	95.7	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NW
28	Calm	N	SW	NNE	NW	NW	12.6	34.8	38.1	28.5	114	7	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
29	NNW	NW	N	SW	NW	NW	40.8	28.2	33.6	15.9	118.5	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.ENE
30	NW	NW	W	S	N	NNW	19.6	33.5	42.4	41.2	136.7	4	Ci.	S.-Cu.	10	A.-Cu. ESE	Cu.-N.
31	NNW	N	NNE	SW	SE	NE	44.3	61	45.9	16.7	167.9	7	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.ENE
Mean	------	------	------	------	------	------	21.7	36.4	42.4	22.1	122.6	7.6	------------	------------	9.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	3,801.6	----	------------	------------	----	------------	------------

TACLOBAN.[a]

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 2.4 meters; gravity correction not applied, —1.82 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.87	60	60.43	59.03	59.44	60.29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16.7
2	58.90	59.30	59.83	57.31	58.13	59.43	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3.8
3	58.58	59.10	59.72	57.53	58.99	59.88	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15.2
4	58.74	60.13?	61.44	59.52	60.34	60.80	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	49.5
5	59.25	59.53	60.21	57.99	59.32	60.34	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25.9
6	59.20	59.39	59.87	57.54	58.13	59.01	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.3
7	58.03	58.60	59.62	57.83	58.48	59.86	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.9
8	58.94	59.24	60.02	58.29	59.62	60.23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	38.4
9	58.47	58.90	59.79	57.48	58.59	59.10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	11.5
10	58.66	58.77	60.18	57.77	58.47	59.42	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	59.01	59.82	60.82	58.74	59.37	60.34	24	23.1	28.2	29.2	27.2	25.8	30.3	22.4	89	94	68	62	68	74	-----
12	60.34	60.60	61.18	58.67	58.90	61.23	24.2	23	28.4	30	27	25	30.5	21.7	81	88	64	56	66	80	-----
13	60.52	60.92	61.87	59.58	59.86	60.96	23.1	22.6	27.5	30	27.8	26.1	30.5	22	92	95	70	67	68	76	-----
14	59.94	60.70	61.76	59.78	60.94	62.04	24	23	27.8	30.4	26.9	26.1	30.8	22.6	89	96	75	63	77	72	-----
15	60.92	61.47	62.53	60.18	60.97	62.13	24.5	24	28.5	30	27	25.8	31.3	23.3	82	85	67	59	73	78	-----
16	61.54	62.42	63.32	60.18	61.06	61.72	24.5	23	27.2	30	27	26	31.5	22	86	95	75	65	77	80	-----
17	61.25	61.57	62.17	59.78	60.21	61.22	24.4	23	28	29.9	26.2	25.8	31.3	22.3	82	90	63	62	82	85	-----
18	60.34	61.38	62.43	59.48	60.72	61.92	25	24.4	27.8	29.2	26	25.8	31.3	24	89	92	73	70	84	78	2
19	60.67	61.29	61.78	59.93	60.77	62.13	24.9	22.5	28.5	30	27	26	31.4	22.1	80	96	67	62	77	82	1
20	61.42	62.35	62.69	60.17	60.53	62.01	24.1	23.8	27.6	30	26.9	25.2	30.8	22.9	91	91	71	65	77	82	.5
21	61.18	61.64	62.83	60.58	60.88	61.44	23.7	23	28.9	30.5	26	25.2	31.4	22.4	90	91	65	62	79	82	-----
22	61.30	62.10	62.93	60.97	61.23	62.07	24	23.6	28	30.6	27	26	31.3	22.8	90	91	70	59	73	78	-----
23	61.67	62.35	62.99	60.78	61.14	61.73	24.9	24	27.5	29.5	26	25.5	31.3	23.3	83	87	73	68	79	81	-----
24	60.93	61.88	62.43	60.12	61.01	62.26	24	23.5	28.2	29.7	27.5	25.9	30.5	23	89	91	70	70	68	76	5.1
25	62.09	62.68	63.17	60.85	61.96	63.07	24.5	23.4	29.5	31.7	27.4	26.4	32.5	22.9	86	93	61	54	68	73	-----
26	62.27	62.79	63.93	61.47	62.22	63.54	25	24	28.2	30.6	26.2	25.2	31.3	23.4	83	91	69	55	75	80	1
27	62.52	63.48	63.99	61.42	62.31	63.33	24.3	23.5	27.4	27.8	25.4	24	29	22	81	86	60	55	69	79	-----
28	61.92	62.43	63.06	61.14	62.37	63.06	23.6	24	27.5	27.8	25.6	24.8	28.7	22.3	81	80	64	68	79	83	3.6
29	62.02	62.67	63.18	61.77	62.55	63.09	23.7	23.5	23.6	23	23.6	23.5	25.2	22.5	90	91	91	95	93	92	130.8
30	62.14	62.58	63.88	62.08	62.62	63.48	23.3	23.4	25	26.1	25.4	24.6	27.6	22.5	93	92	88	76	75	79	3.1
31	62.63	63.04	64.13	61.72	62.67	63.72	23.2	23	26	27	25.4	24.5	28	22.4	90	91	82	75	80	79	9.5
Mean	60.49	61.07	61.88	59.67	60.45	61.45	24.1	23.4	27.6	29.2	26.4	25.4	30.3	22.6	86.5	90.8	70.8	65.1	75.6	79.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	334.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	N	1	E	1	E	1	NNE	1	Calm	----	8	-----	N. SE	10	-----	N. ESE
2	NNE	1	N	1	Calm	----	ESE	1	ENE	1	Calm	----	8	-----	Cu.-N. E	6	-----	Cu. E
3	ENE	1	SE	1	N	0	SE	1	ESE	1	ESE	1	8	-----	N. ENE	7	Ci. SW	Cu. E
4	N	1	N	1	NE	1	NE	1	Calm	----	Calm	----	10	-----	N. E	10	-----	N. E
5	Calm	----	Calm	----	E	1	ESE	1	ESE	1	NW	1	8	Ci.-S. NW	Cu. E	7	Ci.-S. W	Cu. ENE
6	NW	1	WNW	1	Calm	----	ESE	0	NE	1	N	1	8	-----	N. E	7	Ci. NW	Cu. E
7	N	1	N	1	Calm	----	N	1	Calm	----	N	1	10	-----	N. ENE	10	-----	N. ENE
8	Calm	----	WNW	0	Calm	----	Calm	----	Calm	----	N	1	8	-----	Cu.-N. E	9	-----	Cu.-N. E
9	N	1	Calm	----	NNW	0	SSE	1	SE	1	Calm	----	9	-----	Cu.-N. E	6	Ci.-S. W	Cu. E
10	Calm	----	Calm	----	Calm	----	SE	0	NE	1	Calm	----	3	-----	Cu.	5	-----	Cu. ENE
11	NNE	1	NNE	0	SE	0	SSE	1	SE	1	Calm	----	2	-----	S.-Cu.	7	Ci.	Cu. ENE
12	N	0	N	0	ESE	1	SSE	1	NNE	1	N	0	2	-----	S.-Cu.	4	-----	Cu. E
13	Calm	----	NW	1	NNW	0	S	1	E	1	NE	1	4	Ci.-S.	S.-Cu.	7	Ci.-S. WNW	Cu. E
14	Calm	----	NNW	1	Calm	----	S	1	SSE	1	ENE	1	7	-----	Cu.-N.	6	-----	Cu. ENE
15	WNW	0	WNW	0	Calm	----	SSE	1	Calm	----	Calm	----	8	Ci.-S.	N.-cf. ENE	7	-----	Cu. ENE
16	NNW	1	NW	1	Calm	----	SSE	1	Calm	----	Calm	----	7	Ci.-S. NW	S.-Cu.	7	Ci.-S. NW	Cu.
17	N	1	N	1	N	0	S	1	S	1	NW	0	2	-----	S.-Cu.	4	-----	Cu. ENE
18	Calm	----	WNW	0	W	0	SE	1	Calm	----	Calm	----	8	Ci.-Cu.	Cu. NE	7	Ci.-Cu.	Cu. NE
19	Calm	----	Calm	----	Calm	----	SE	1	S	1	Calm	----	2	-----	S.-Cu.	8	Ci.-S. NW	Cu. E
20	Calm	----	Calm	----	N	1	SE	1	SE	1	Calm	----	8	Ci.-S. NW	S.-Cu.	2	-----	Cu.
21	WNW	1	WNW	1	E	1	SE	1	Calm	----	Calm	----	2	Ci.-S.	S.-Cu.	3	-----	Cu. E
22	Calm	----	WNW	0	NNE	1	SE	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	3	-----	Cu.
23	NW	1	WNW	1	WNW	1	SSE	1	NE	1	N	1	5	Ci.-S. NW	S.-Cu.	8	Ci.	Cu. NE
24	NW	0	Calm	----	N	1	SE	1	NE	1	Calm	----	2	Ci.	S.-Cu.	3	-----	Cu.
25	WNW	1	WNW	1	ENE	1	ENE	1	ENE	1	NW	1	4	Ci.	S.-Cu.	7	-----	Cu. ENE
26	NNW	1	NW	1	NE	1	ENE	1	ENE	1	ENE	1	4	-----	Cu. NE	7	-----	Cu. NE
27	ENE	1	NNW	1	N	2	N	2	NNE	3	N	2	8	-----	Cu.-N. NE	8	Ci. SW	Cu. NE
28	N	3	N	2	NNE	2	NE	1	NNE	2	N	1	5	Ci.-S.	Cu. NNE	8	-----	Cu. NNE
29	N	1	N	1	N	2	SSW	1	N	1	N	2	10	-----	N. NE	10	-----	N. NNE
30	N	2	Calm	----	Calm	----	NE	1	N	1	N	1	10	-----	N. NE	9	-----	Cu.-N. NE
31	WNW	1	WNW	1	NNE	1	NE	2	NNE	1	Calm	----	8	-----	Cu.-N. NE	8	-----	Cu. NE
Mean	-----	0.7	-----	0.6	-----	0.6	-----	1	-----	0.8	-----	0.5	6.2	-----	-----	6.8	-----	-----

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[a] The thermometer-shelter of this station was destroyed during a typhoon on November 24 to 25, 1912.

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 2.4 meters; gravity correction not applied, —1.82 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.70	62.72	63.92	62.24	62.87	63.38	23.2	24	26	27.2	25.4	24.5	27.8	21.8	92	88	72	61	70	75	------
2	62.08	62.39	63.44	60.59	61.39	62.84	23	24	24.8	26.4	24.3	23.2	27.5	21.8	86	81	89	81	87	95	13.6
3	60.84	60.85	61.80	59.91	60.44	61.48	23.2	24	25	25.4	24.8	25	27.5	22	94	91	90	84	85	82	26.1
4	60.32	60.89	61.37	59.48	59.78	60.40	24.2	23	25.8	25	24.1	24.2	26.8	22.6	86	95	84	88	89	91	16.6
5	60.08	60.80	61.71	59.81	60.43	61.37	23	22.5	27.5	30	26.6	25.2	30.5	22	95	96	77	65	82	88	------
6	60.35	60.88	61.93	60.06	60.87	62.31	24.8	23.7	24.5	28	26.5	25.2	29	23.2	87	94	93	81	80	83	12.4
7	61.48	61.54	61.99	60.05	60.39	61.68	24	23	28.4	30.8	26.8	24.8	31.5	22	86	91	69	57	64	77	------
8	61.02	61	61.81	59.53	60.38	61.69	23.2	23	27.5	30	27.5	24.9	31	22	89	91	73	62	71	79	------
9	61.19	61.57	62.32	60.03	60.34	61.33	23	22.5	28.1	30.5	27.3	24.8	30.9	22.2	92	95	71	65	66	82	------
10	60.27	61.08	62.33	60.27	60.84	61.74	24	23	27	29	27	24.3	30.8	22.5	87	96	74	68	77	91	------
11	60.64	61.57	62.79	60.66	61.09	62.27	23	22	28.2	29	26.5	25	30.5	21.7	90	96	68	67	76	83	1.5
12	61.72	62.43	63.31	61.17	61.48	63	24	23.3	25.3	24.7	24	23.2	29.4	22.8	89	91	86	86	91	94	23.1
13	61.82	62.24	63.17	61.50	62.34	63.50	23	23	23	23	22.8	23.5	24.4	21.9	95	95	97	97	98	92	104.9
14	62.70	63.10	64.35	62.27	63.22	64.41	23.1	23	27.5	30.2	25.6	25	31	22.2	95	96	73	59	74	76	1.3
15	62.92	63.30	63.97	61.98	62.68	64.50	23	22.5	26.6	30.9	26.5	24.2	31.3	22.2	91	96	76	54	68	82	------
16	63.63	64.20	64.82	62.28	62.41	63.29	23	22.5	27.3	31.2	26.3	24.5	31.9	22	90	93	71	56	70	83	------
17	62.08	62.39	63.66	60.91	61.34	62.54	24	24	28.6	30.2	26	25.5	30.6	23.3	90	90	64	52	65	72	------
18	61.14	61.45	62.32	59.93	60.06	61.31	23	22.3	27.6	31	27	25	32	22	87	91	66	51	60	75	------
19	59.38	60.27	61.03	59.07	59.87	60.98	23.8	24.4	29	28.5	24.5	24.2	29.4	22.8	86	82	63	73	92	91	7.4
20	59.45	59.65	60.03	58.07	58.80	60.26	23.8	23.8	27.4	27.3	26.5	26	28.5	23.4	93	93	81	76	84	84	2.6
21	59.24	59.48	60.34	58.71	59.82	60.34	24.5	23	27.1	26.5	24.2	24	27.5	22.5	87	97	83	80	94	95	37.8
22	59.20	59.38	60.13	58.17	58.52	59.72	24	24.1	28.5	30.5	27	26	30.9	23	93	92	74	62	74	76	------
23	58.96	59.14	60.63	57.71	58.67	59.79	24.3	23	29.4	30.5	27	26	31	22.7	86	95	64	60	70	76	2
24	58.45	59.10	60.37	58.88	59.36	60.59	24.8	23.7	26	25.6	26.4	26	28.6	22	85	94	86	88	81	80	7.9
25	59.68	60.43	61.48	59.47	59.67	60.69	24.5	23.5	29.5	28.8	26.2	25.8	31.3	22.8	89	96	68	73	82	81	------
26	60.14	59.80	60.71	58.33	58.34	59.79	23.7	22.5	26.8	31.2	27.2	26	31.6	22.1	92	96	74	62	75	80	1.3
27	59	59.68	60.46	58.68	58.50	59.67	25	24	26.3	24.5	24.5	25	28	23.1	85	91	82	93	88	83	15.7
28	58.86	59.20	60.14	58.68	59.57	60.88	24.7	24	27	26.4	25.2	23.5	28.7	22.5	86	91	73	89	86	96	43
Mean	60.69	61.09	62.01	59.94	60.48	61.63	23.7	23.3	27	28.3	25.8	24.8	29.6	22.4	89.4	92.6	76.5	71.1	78.5	83.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	317.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	N	1	NNE	1	NNE	2	NNE	2	N	1	8	------------	Cu. NE	8	------------	Cu.-N. NE
2	N	1	N	1	N	1	W	1	Calm	----	N	0	8	Ci.-S.	Cu. NE	9	------------	Cu.-N. NE
3	N	1	NNE	1	Calm	----	NNE	1	N	1	N	1	10	------------	N. ENE	10	------------	N. NE
4	N	1	N	1	WNW	0	NE	1	N	1	N	1	10	------------	N. ENE	10	------------	N. ENE
5	N	1	N	1	NW	0	SE	1	Calm	----	Calm	----	8	------------	Cu.-N. ENE	7	Ci.-S. W	Cu. ENE
6	WNW	1	WNW	1	Calm	----	SSE	1	Calm	----	Calm	----	9	------------	Cu.-N. ENE	8	------------	Cu. ENE
7	Calm	----	WNW	0	NE	0	SE	1	ENE	1	Calm	----	2	------------	S.-Cu.	2	------------	Cu.
8	Calm	----	WNW	0	SE	0	SE	1	NE	1	Calm	----	10	------------	Cu.-N. NE	3	------------	Cu. NE
9	NW	1	NNW	1	NNE	0	SSE	1	ENE	1	Calm	----	2	------------	S.-Cu.	2	------------	Cu.
10	Calm	----	WNW	1	WNW	0	S	1	SSE	1	WNW	1	7	Ci.-S.	Cu.-N. ENE	8	------------	Cu. ENE
11	Calm	----	Calm	----	NE	0	SSE	1	S	1	Calm	----	2	------------	S.-Cu.	8	------------	Cu. ENE
12	Calm	----	WNW	1	E	1	ESE	2	NE	1	N	1	5	Ci.-S.	S.-Cu. ENE	10	------------	N. E
13	N	1	N	1	NNE	1	NNE	1	N	1	N	1	10	------------	Cu.-N. NE	10	------------	N. NE
14	Calm	----	Calm	----	NE	1	S	1	E	1	Calm	----	8	------------	Cu.-N. NE	8	------------	Cu.
15	NW	1	WNW	1	NW	0	SE	0	NE	1	Calm	----	8	Ci.-S. SSW	Cu.	5	------------	Cu. NE
16	Calm	----	Calm	----	NW	0	ESE	1	NE	1	N	1	5	Ci. SSW	S.-Cu.	6	Ci. SSW	Cu. NE
17	NW	1	N	1	ENE	1	NE	1	NE	1	N	1	8	Ci.-S.	Cu.-N. NEbyN	8	Ci. WSW	Cu. NE
18	N	0	WNW	0	E	1	NE	1	NE	1	NE	1	8	Ci.	Cu.-N. ENE	3	------------	Cu. NE
19	NNW	1	N	1	NE	1	NE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. NE	8	------------	Cu.-N. ENE
20	Calm	----	Calm	----	ESE	1	SE	2	SE	1	SE	0	10	------------	Cu.-N. ESE	10	------------	Cu.-N. ESE
21	Calm	----	WNW	0	Calm	----	NE	1	SSW	1	Calm	----	3	------------	S.-Cu.	10	------------	N. NE
22	Calm	----	W	1	SSE	1	SE	1	SE	1	NE	0	10	------------	Cu.-N. E	3	------------	Cu.
23	Calm	----	Calm	----	SSE	1	SE	1	NE	2	Calm	----	3	------------	S.-Cu.	5	------------	Cu. NE
24	Calm	----	N	1	NNE	1	E	1	E	1	Calm	----	10	------------	Cu.-N. ENE	10	------------	N. ENE
25	Calm	----	Calm	----	SE	0	SE	1	Calm	----	N	0	2	------------	S.-Cu.	6	------------	Cu. NE
26	Calm	----	N	0	N	0	E	1	SSE	1	NW	1	2	------------	Cu.	3	------------	Cu.
27	NW	1	NNW	1	NNW	1	N	1	N	1	N	1	8	------------	Cu.-N. NE	10	------------	N. NE
28	Calm	----	Calm	----	NW	1	Calm	----	N	1	Calm	----	8	Ci.-S.	Cu. NE	10	------------	N. NE
Mean	------	0.4	------	0.6	------	0.5	------	1	------	0.9	------	0.4	6.9	------------	------------	7.1	------------	------------

TACLOBAN.

[$\phi=11°\ 15'$ N; $\lambda=125°\ 00'$ E; barometer above sea, 2.4 meters; gravity correction not applied, —1.82 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.08	60.95	61.86	59.58	60.13	61.66	23.6	23.5	26	27	26.8	25	29.2	23	93	94	87	88	74	81	3.6
2	60.49	61.10	61.43	58.90	59.27	60.76	23	22.5	28	31.2	26	25	31.6	22	93	94	70	56	76	83	------
3	59.68	59.95	60.63	58.76	59.04	60.76	23.7	22.6	28.5	29.5	26.2	25	30.5	22	88	95	78	73	90	92	------
4	59.72	60.08	60.81	58.54	58.52	60.27	24	23.2	29.5	30.5	27	25.2	31.4	22.6	91	97	66	62	77	81	------
5	59.13	59.38	60.53	58.11	58.27	59.57	24	23	27.8	30.4	27.8	26	30.8	22.6	88	95	75	68	75	83	------
6	58.93	59.33	60.22	58.01	58.57	60.27	25	24	29.5	31.3	27	24.9	32	23	85	91	67	64	77	87	------
7	58.64	58.98	60.22	58.43	58.28	59.10	25	24.4	25.5	24.5	25	24.8	27	23.6	90	92	84	95	91	91	15.2
8	57.54	57.85	59	57.02	57.28	58.75	24	23.5	28.5	29.5	27	25.7	30.7	23.1	94	96	70	73	82	86	------
9	57.38	57.69	58.68	56.86	57.33	58.77	24.8	24.2	28.5	30.4	27	26	31.4	23.7	89	94	70	69	77	80	3.3
10	57.34	58.34	59.83	58.38	58.78	60.01	24.4	24	29.8	32.4	27	26	32.8	23.5	88	93	66	58	84	85	------
11	59.10	59.59	60.38	58.27	58.72	60.18	24.3	23.5	28.5	30.4	28	26	31.5	23.3	87	92	70	65	70	80	2
12	58.99	59.39	60.07	57.83	57.88	59.19	24.5	23.8	29.9	30.8	27.5	27	31.8	23.3	90	95	67	67	81	83	------
13	58.49	59.03	59.73	57.74	57.87	59.31	25.7	24.6	30.4	32	28	27.5	33	24	90	94	64	60	77	77	.5
14	58.75	59.37	60.22	58.31	58.86	60.74	26	25	29	30.3	27.5	26.8	33	24.6	83	88	75	73	84	82	4
15	59.77	60.12	60.67	58.80	58.96	60.44	25.8	25	29.1	31	27.8	26	32.8	24.4	84	90	73	56	70	76	------
16	59.36	59.76	60.15	58.18	58.66	60.17	25.3	24.5	31.3	33	28	26.5	33.4	24	80	85	59	51	70	74	------
17	59.43	59.73	60.63	58.38	58.44	60.11	25.4	24	30.8	30.6	28	26.7	32.4	23.7	82	91	64	68	69	76	------
18	58.98	59.48	60.63	58.76	58.62	59.84	25.4	23.6	30	31.6	28.5	26.3	32.9	23.4	83	95	62	59	64	78	------
19	58.70	58.89	60.03	58.50	59.23	60.41	25.9	25.8	31	30.3	26.7	26	33	24.8	82	83	59	56	77	80	------
20	59.22	59.43	61.41	59.06	59.08	60.63	25.9	25.8	31.3	31.3	27.4	25.4	32.3	23.8	80	81	60	52	70	80	------
21	59.38	59.50	60.11	57.81	57.84	59.38	23.5	22.5	30	31.7	28.2	25.3	32	22.2	90	96	62	55	62	78	------
22	58.08	58.46	59.71	57.74	57.92	59.01	23.8	23.5	29.4	31.7	25.8	25	33.4	22.6	90	92	62	60	87	81	16.2
23	58.11	58.86	59.66	57.68	57.99	59.58	23.8	22.8	29.8	31.2	28	26.5	32.2	22.4	89	93	66	63	77	80	------
24	59.05	59.52	61.07	59.37	59.22	61.17	26	25.1	31	31	27.7	25	31.8	24.2	80	82	56	56	71	85	------
25	60.12	60.76	61.47	59.71	59.53	61.11	25.3	24.3	30	31.6	28	26	32.5	23.9	83	88	67	60	63	81	------
26	59.81	60.23	61.53	59.86	59.87	61.13	24.4	24	31	31.8	27.6	25.6	33	23	85	86	52	43	59	74	.5
27	60.27	60.90	61.37	59.31	59.86	61.89	23.5	22.8	28.6	29.8	27.8	26	31.3	22.4	91	95	73	66	63	73	9.1
28	60.53	61.08	61.91	59.80	60.19	61.32	24.1	24	29.9	29.9	26.3	26.1	31.5	23.3	87	88	68	65	82	84	1.8
29	60.46	60.96	61.86	59.56	59.76	61.73	25.3	25	30	31.8	27.8	25.8	32.6	24	88	91	60	59	68	78	------
30	60.29	60.69	61.87	59.78	60.02	61.53	23.8	23	30	32	28	25.6	32.7	22.4	87	91	62	50	67	81	1.5
31	59.96	60.32	61.56	59.22	59.53	61.11	24	23.6	30.8	31.6	28	25.6	33.6	22.6	94	95	59	54	63	83	------
Mean	59.22	59.67	60.62	58.59	58.82	60.32	24.6	23.9	29.5	30.7	27.3	25.8	31.9	23.3	87.2	91.4	66.9	62.7	74.1	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	57.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	1	WNW	1	SE	1	ENE	1	Calm	----	9	------------	Cu.-N. NE	9	------------	Cu.-N. NE
2	Calm	----	WNW	0	NNE	1	SSE	1	E	0	Calm	----	5	Ci.-S.	S.-Cu.	7	Ci.-S. SW	Cu. NE
3	NbyW	0	NbyW	1	SE	1	SE	1	SE	1	Calm	----	2	------------	S.-Cu.	5	------------	Cu. NE
4	Calm	----	Calm	----	SSE	1	SSE	1	SSE	1	N	1	6	Ci.-S. SW	S.-Cu.	7	Ci.-S. SW	Cu. ENE
5	N	1	WNW	1	NNE	0	SSE	1	SE	1	Calm	----	7	Ci.-S. SW	S.-Cu.	7	Ci.-S. SW	Cu. ENE
6	Calm	----	N	1	E	1	SSE	2	NE	1	Calm	----	7	------------	Cu. NE	7	Ci.-S. SW	Cu. ENE
7	NW	0	NW	1	Calm	----	SSE	1	Calm	----	N	1	7	Ci.-S. SW	S.-Cu.	10	------------	N. ENE
8	N	1	N	1	ESE	1	SSE	1	SSW	1	Calm	----	8	------------	Cu.-N. NE	8	Ci. SW	Cu. NE
9	Calm	----	Calm	----	E	0	SE	1	ESE	2	Calm	----	6	Ci.-S. SW	S.-Cu.	8	------------	Cu. NE
10	Calm	----	NNW	0	SE	1	ESE	1	ESE	1	Calm	----	8	------------	Cu.-N. ENE	7	------------	Cu. ENE
11	Calm	----	NNW	0	N	0	SSE	1	SSE	1	NNW	0	8	------------	Cu.-N. ENE	4	------------	Cu. ENE
12	Calm	----	WNW	1	S	1	SSE	1	S	1	Calm	----	4	Ci.-S. W	S.-Cu.	6	Ci.-S. W	Cu. ENE
13	Calm	----	Calm	----	ESE	1	SE	1	SSE	1	Calm	----	4	Ci.	S.-Cu.	3	------------	Cu.
14	Calm	----	Calm	----	NW	0	E	1	NE	1	N	1	7	Ci.-S.	Cu. ENE	6	------------	Cu. NE
15	Calm	----	Calm	----	NE	1	NE	1	NE	2	Calm	----	8	------------	Cu.-N. NE	4	------------	Cu. NE
16	Calm	----	Calm	----	ESE	1	ESE	1	NE	1	NE	1	6	Ci.-S.	Cu. ENE	3	------------	Cu.
17	Calm	----	Calm	----	SSE	1	SSE	2	ESE	1	Calm	----	8	Ci.-S. SW	Cu. ENE	6	------------	Cu. ENE
18	Calm	----	W	1	S	0	SSE	1	NE	1	Calm	----	7	Ci.-S. SW	S.-Cu.	4	------------	Cu. ENE
19	Calm	----	Calm	----	ENE	1	ENE	2	ENE	2	Calm	----	8	------------	Cu.-N. ENE	8	------------	Cu. ENE
20	ESE	1	NE	1	SSE	1	SSE	1	SSE	1	Calm	----	7	Ci. SW	S.-Cu.	7	Ci. WSW	Cu. ENE
21	Calm	----	W	1	ESE	1	ESE	1	ESE	1	N	0	6	Ci. SW	S.-Cu.	2	Ci.	Cu.
22	N	1	NW	1	N	1	SSE	1	SSE	1	Calm	----	5	Ci.	S.-Cu.	8	------------	Cu. ENE
23	Calm	----	NW	1	SSE	1	SSE	1	SSE	1	Calm	----	2	------------	S.-Cu.	3	------------	Cu.
24	E	1	ENE	1	ESE	1	SE	1	SSE	1	NE	1	2	------------	S.-Cu.	5	------------	Cu. E
25	NE	1	N	1	EbyS	1	SE	2	NE	2	Calm	----	8	------------	Cu.-N. E	6	------------	Cu. E
26	Calm	----	Calm	----	SE	0	ENE	1	ENE	2	Calm	----	2	Ci.	S.-Cu.	2	------------	Cu. NE
27	WNW	1	NW	1	ESE	1	S	1	E	2	Calm	----	9	------------	Cu.-N. E	5	------------	Cu. E
28	N	1	N	1	E	1	SE	1	SSE	2	Calm	----	7	Ci.-S. SW	Cu. E	8	------------	Cu. E
29	Calm	----	Calm	----	SSE	1	SE	1	NE	2	N	1	5	------------	Cu. ENE	5	------------	Cu. E
30	N	1	WNW	1	ESE	1	E	0	ENE	2	Calm	----	7	Ci.-S. SW	Cu. E	3	------------	Cu.
31	WNW	0	NW	1	E	0	SSE	1	SE	2	Calm	----	8	Ci.-S. W	Cu. E	6	------------	Cu. E
Mean	------	0.3	------	0.6	------	0.7	------	1.1	------	1.3	------	0.2	6.2	------------	------------	5.8	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.12	60.37	61.10	58.81	59.48	60.49	25	24.4	31.2	32.5	28.3	25.8	33.8	24	88	91	57	54	62	76	------
2	59.43	59.95	60.51	58.04	58.03	59.94	24.5	23.5	29.2	31.6	27.9	26	33.5	23	86	93	67	61	78	84	------
3	59.08	59.32	60.42	57.86	58.77	59.97	24.8	23.5	29.4	31	27.5	25.3	33.2	23.2	89	90	67	56	68	85	0.5
4	58.99	59.84	60.56	58.90	59.30	60.98	24.4	24.4	29	27.5	27.5	24.8	30	23.4	95	97	71	79	78	93	2.8
5	59.78	59.98	60.58	58.18	59.15	60.48	23.8	23.4	27.5	30.5	26	24.7	31	23	91	92	73	67	90	90	.5
6	58.91	59.41	60.20	58.56	58.73	59.94	23.8	23.4	28.5	25.9	24	24	30	23	93	95	70	91	95	94	8.3
7	58.35	58.41	59.74	57.80	58.50	59.82	23.5	23.5	29.4	31.2	28	26	32	22.8	97	96	65	63	74	83	------
8	59.05	59.11	60.44	58.35	58.99	60.57	25	22.8	29.5	31	27	24.4	32	22	83	96	68	62	77	88	------
9	59.23	59.51	60.09	58.76	59.56	60.66	23	23	28.7	26.4	25	25	31.6	22	95	96	66	82	94	91	19.1
10	58.92	59.48	59.94	58.60	58.12	59.70	24.1	24	28.2	28.5	25.8	25	29.1	23.4	93	91	72	74	81	88	.5
11	58.99	58.79	59.41	57.75	58.45	59.47	24	24.5	27	25	23.9	24	30	23	93	92	84	92	97	96	72.9
12	57.84	58.14	59.51	58.20	58.89	60.26	24	24.5	26.4	28.3	26.3	26.3	29.2	23.5	97	96	86	80	86	86	34.6
13	59.12	60.12	61.36	58.85	59.61	60.95	24.2	25.2	24.8	28	26.5	26	28.3	23.7	94	88	95	82	85	87	11.7
14	59.57	60.20	61.55	59.31	60.02	60.85	25	25.8	25.5	27	25.4	25	29.5	24	95	92	92	86	97	96	20.8
15	59.02	59.47	60.18	58	58.81	59.48	25	24.1	26.8	30	27	26	30.5	23.9	96	97	90	73	84	90	4.3
16	58.23	58.69	59.74	57.24	58.20	59.72	25.9	25.9	29.9	31	27.9	27	32	24.6	88	88	72	65	79	84	.5
17	59.37	59.60	60.65	58.44	58.52	60.71	25.8	24.4	29.3	29.7	27.5	26.5	31	23.7	84	90	69	73	79	86	.8
18	59.56	59.95	61.20	59.01	59.50	61.12	25.4	25.4	29.8	30.6	27	25.7	31.5	24.3	93	92	73	69	84	86	.5
19	59.77	59.74	60.09	58.15	59.20	61.01	24.7	24.2	30	30	27.5	25	31.5	23.4	92	92	66	67	77	92	------
20	59.62	59.83	61	58.97	59.23	61.22	24.4	24.4	27.6	28	27	25.7	30.7	23.3	95	95	76	81	84	87	8.6
21	59.97	60.17	60.93	58.88	58.97	60.97	24.9	24.6	30.2	29	27	26.2	31	24.2	91	92	68	76	80	82	1.8
22	59.95	60.36	60.67	58.64	58.90	60.01	24.2	24.5	29.7	31.3	28.2	26.5	32	23.5	94	92	67	64	72	80	------
23	58.79	58.88	59.66	57.92	57.61	58.81	25.2	25	27.5	30.2	28	26.7	31.5	24.3	90	90	79	60	70	79	2.1
24	57.93	57.93	58.47	56.85	57.01	58.78	26.6	25.3	30.7	29.8	27	26	31.3	24	77	85	60	69	80	84	2.3
25	57.83	58.10	58.55	56.81	57.18	59.04	26	25	29.7	29.8	27.8	26.3	31.6	24.2	84	90	67	71	74	82	1.3
26	58.05	58.50	59.15	57.42	57.72	58.88	24.4	24.4	30.8	30.4	27	26.5	31.2	23.9	95	95	62	68	80	82	.3
27	57.68	58.19	58.91	57	58.06	58.68	25.2	24.5	30.3	30	26	25	31.3	24	86	95	65	68	87	93	10.1
28	57.50	57.65	58.31	56.40	57.53	58.75	24.4	25	30.3	28	27.2	25.8	32.4	24	97	92	73	85	83	89	5.1
29	57.84	58.32	58.62	56.44	57.50	58.46	25.5	25.8	29	30	27.8	26.4	31.5	24.6	88	85	78	65	75	83	.5
30	57.22	58.04	58.44	56.02	56.52	58.08	25.1	25	30	29.4	28	26	30.8	24.4	91	92	69	68	75	84	1.3
Mean	58.86	59.20	60	58.01	58.54	59.93	24.7	24.4	28.9	29.4	26.9	25.7	31.2	23.6	91	92.2	72.2	71.7	80.8	86.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	211.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	WNW	0	SSE	1	SSE	2	ENE	2	N	1	7	------	Cu. ENE	6	------	Cu. ENE
2	NW	1	WNW	1	NW	1	SSE	1	ENE	2	Calm	----	7	Ci.	S.-Cu.	7	Ci. SW	Cu. E
3	Calm	----	Calm	----	E	0	SSE	2	ENE	2	Calm	----	7	Ci.-S. SW	S.-Cu.	7	Ci.-S. WSW	Cu.
4	N	0	NE	0	ESE	0	SSW	1	E	1	Calm	----	10	------	N. E	8	------	Cu.-N. E
5	NW	1	WNW	1	WNW	1	SSE	1	W	1	Calm	----	8	------	Cu.-N. E	8	Ci. SW	Cu. E
6	WNW	1	W	1	SE	1	ESE	1	Calm	----	Calm	----	8	Ci.	Cu. E	10	------	N. E
7	NW	0	WNW	1	E	0	SSE	2	ENE	1	Calm	----	7	Ci. WSW	S.-Cu.	7	Ci. WSW	Cu. E
8	Calm	----	NW	0	E	0	SSE	2	SSE	1	NW	0	7	Ci.	S.-Cu.	6	Ci. W	Cu. E
9	NNW	0	NW	1	NW	1	E	1	S	2	NW	1	4	Ci.	S.-Cu.	10	------	N. E
10	NNW	1	NW	1	Calm	----	E	1	NE	1	Calm	----	8	------	Cu.-N. E	9	------	Cu.-N. ENE
11	NNW	1	NW	1	NNE	1	E	2	Calm	----	NW	1	8	------	Cu.-N. NE	10	------	N. NE
12	NW	3	W	1	W	0	SSE	1	ESE	1	ESE	2	8	------	Cu.-N. NNE	8	------	Cu.-N. NNE
13	ESE	3	ESE	1	ESE	2	SE	2	SE	1	SE	1	10	------	N. ESE	8	Ci. N	Cu. SE
14	ESE	2	ESE	1	SSE	2	Calm	----	E	1	Calm	----	9	------	Cu.-N. SE	8	------	Cu.-N. ESE
15	Calm	----	Calm	----	ESE	1	ESE	2	SE	1	SE	1	8	------	Cu.-N. ESE	8	Ci.-S. N	Cu. ESE
16	ESE	1	ESE	1	ESE	1	SE	2	SSE	1	ESE	1	7	Ci.-S.	Cu. SE	6	Ci.-S. NW	Cu.
17	ESE	1	S	1	SbyE	1	SSE	1	SSE	1	ESE	1	8	------	Cu.-N. SE	8	Ci. NW	Cu. SE
18	Calm	----	Calm	----	SE	1	SSE	2	SSE	1	N	1	7	Ci.-S. NW	Cu.	7	Ci.-S. NW	Cu. SE
19	Calm	----	Calm	----	S	1	SE	2	ESE	1	Calm	----	5	Ci.-S. NW	S.-Cu.	7	------	Cu. SE
20	Calm	----	N	0	ESE	1	SE	1	SE	1	Calm	----	2	------	S.-Cu.	8	------	Cu.-N. ESE
21	Calm	----	Calm	----	SE	1	SE	1	SE	1	NE	1	8	------	Cu.-N. E	7	Ci.-S.	Cu. E
22	Calm	----	W	1	ESE	1	S	1	E	2	Calm	----	6	Ci.	S.-Cu.	4	------	Cu. E
23	Calm	----	NW	1	ENE	1	ESE	2	ENE	2	E	1	5	Ci.-S. W	S.-Cu.	8	------	Cu. E
24	Calm	----	Calm	----	S	1	SSE	1	NE	2	Calm	----	2	------	S.-Cu.	7	------	Cu. E
25	Calm	----	Calm	----	E	1	SE	2	E	2	Calm	----	8	Ci.-S. W	Cu. ESE	8	Ci.-S. W	Cu. E
26	Calm	----	NW	1	E	0	SE	1	E	1	Calm	----	7	Ci.-S. SW	Cu. ENE	8	Ci.-S. SW	Cu. ENE
27	Calm	----	W	1	NNE	1	SE	1	WNW	2	Calm	----	3	Ci.	S.-Cu.	8	------	Cu. E
28	W	1	W	0	ESE	0	SSW	1	Calm	----	Calm	----	7	------	Cu. E	8	------	Cu.-N. E
29	WNW	1	WNW	0	NE	0	ENE	3	ENE	2	ENE	2	7	Ci.-S. SW	Cu.-N. E	8	Ci. SW	Cu. E
30	Calm	----	N	1	NE	1	SE	1	SE	2	Calm	----	8	Ci. WSW	S.-Cu.	8	Ci. SW	Cu. NE
Mean	------	0.6	------	0.6	------	0.8	------	1.4	------	1.3	------	0.5	6.9	------	------	7.7	------	------

NOTE.—Beginning with April 3, 10 a. m. the height of the barometer above sea level was 3.4 meters.

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied,—1.82 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.97	57.10	57.77	55.75	56.52	58.44	25	24.5	29.6	31.5	27.5	25.8	32.5	23.8	92	94	72	66	82	84	2.3
2	56.70	57.15	57.82	56.06	56.99	58.43	24.5	24.5	28.7	27.2	26.3	26.1	31.5	24	92	92	76	90	90	89	10.9
3	57.23	58.17	59.02	57.84	57.59	58.77	25.2	25	26	25.4	25.3	24.9	26.7	24	92	93	92	88	92	95	30.7
4	56.79	56.77	57.21	55.43	55.42	56.08	25	25.7	27.8	24.6	26.2	25.4	29.4	24	95	89	80	88	85	86	72.7
5	53.18	50.84	45.08	38.13	48.55	53.37	------	------	------	------	------	------	------	------	------	------	------	------	------	------	143.4
6	53.86	55.24	56.60	55.42	57.21	58.28	26	26	29.2	28.9	26.9	26.8	30.6	24.8	92	92	78	75	89	86	2
7	57.38	57.97	59	57.15	58.16	58.98	25.8	25.5	29.4	29	26.6	26.1	30.5	24.5	88	91	75	76	90	91	1.5
8	58.15	58.32	58.52	56.32	57.58	59.36	25.8	25.8	29	30.6	27.5	27.1	31	24.5	93	92	71	71	87	86	.5
9	57.92	57.59	58.70	56.88	57.26	59.06	26.8	25.6	29.5	31	28.8	26.8	31.5	25	85	93	78	67	76	90	------
10	58.08	58.07	59.01	57.11	57.56	59.27	26.8	25.7	29.6	30.8	28.5	27.7	32	25	87	94	70	73	81	82	------
11	58.73	59.47	59.65	57.80	58.85	60.72	27	25	30.6	31.6	28.6	28	32.4	24.3	83	95	71	68	80	85	------
12	59.81	60.21	60.60	58.69	59.17	60.80	27.1	26.6	30.6	30.7	28	27	31.5	26	89	90	70	70	81	84	------
13	59.20	59.62	60.35	57.78	58.22	59.65	26.2	25.4	30.2	31	28	27.3	31.5	24.6	89	92	74	69	82	84	------
14	58.38	58.94	59.13	56.90	57.71	59.25	27	26	30.6	31.5	28	27	32.4	25.7	82	88	70	63	81	86	------
15	58.17	58.94	59.76	57.50	58	60.20	26.1	25.5	30.9	31.4	28.4	27.5	32.3	25	91	89	64	64	77	83	4.3
16	59.12	59.42	60.26	57.60	58.92	60.98	27	26	30.5	31.5	28	27	32.5	25.4	85	92	72	70	77	83	------
17	59.72	60.60	61.16	58.80	59.06	60.75	25.5	25	30.6	31.2	28.5	27.5	32	24.3	89	92	70	68	78	81	------
18	59.32	60.17	60.56	58.90	59.17	60.80	26	25.8	30.7	31	28.5	27.5	32.6	24.8	90	91	67	65	78	81	29.7
19	59.26	59.56	60.21	58.92	59	60.28	26.5	25.5	27.3	28.4	27	27	30.5	24.4	84	90	86	77	84	88	------
20	59.23	59.71	60.38	58.85	58.56	59.95	25.5	25.2	30.2	28.4	27.2	25.5	31.3	23.8	92	96	70	83	87	91	8.4
21	58.74	58.99	59.31	57.62	58.37	59.52	25.1	24.8	29	30.2	27	25.4	30.7	24.3	92	96	74	74	80	92	4.1
22	58.47	58.73	58.80	57.05	57.40	59.10	24.5	25	29.3	29.8	28.7	26.9	31.5	24.2	97	95	70	75	75	85	.8
23	57.82	58.05	58.09	56.69	57.18	58.34	25.2	25	29.7	30	27	26	31.5	24.4	90	92	71	75	90	94	7.6
24	57.30	57.65	58.15	56.91	57.32	59.02	25.5	25.8	29.9	29.5	27	26.5	30.5	24.8	91	88	72	75	84	86	1.8
25	58.04	58.55	59.71	58.22	58.48	59.82	25.6	25	28.8	29.5	27.5	26.8	30.5	24.7	92	96	79	72	84	87	4.3
26	59.27	59.56	59.78	58.51	59.16	60.62	26	25.5	29.9	29.1	28	26.8	31.3	25	90	92	76	74	85	91	------
27	59.48	59.78	60	58.16	58.17	59.70	26.5	25.8	30.5	30.6	28.5	27.6	31.8	25	90	93	73	69	78	80	------
28	58.64	59	59.14	57.37	57.68	59.11	25.9	25.5	31	29.9	28	27	31.8	24.4	91	94	68	71	79	83	1.6
29	57.97	58.73	59.70	57.74	58.15	59.38	24.9	24.6	29.6	30.7	27.3	26	31.3	23.8	95	95	72	67	86	91	------
30	58.60	59.22	59.59	57.94	58.17	60	25	25	30.5	30.5	27.8	27	32	24.4	95	96	68	73	84	84	13.4
31	58.64	59.40	59.70	58.46	59.38	59.48	26	25.6	29.6	27.8	25	24	30	23.5	92	92	72	81	92	97	3.5
Mean	58.07	58.44	58.80	56.85	57.71	59.27	25.8	25.4	29.6	29.8	27.5	26.6	31.3	24.5	90.2	92.5	73.4	73.2	83.1	86.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	343.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	WNW	2	W	2	ESE	3	ESE	2	Calm	----	8	Ci.	Cu. ENE	5	Ci. WSW	Cu. ENE
2	NW	1	WNW	1	NW	2	E	2	NW	2	NW	1	8	Ci.-S. SW	S.-Cu.	9	------------	Cu.-N. ENE
3	NW	1	NE	3	NW	1	NNE	1	WNW	1	NW	1	10	------------	N. NE	10	------------	N. ENE
4	NNW	2	NW	3	NNW	3	NE	4	NW	2	WNW	3	8	Ci.-S.	Cu. NNE	10	------------	N. NNE
5	NW	3	WNW	7	WNW	11	SW	12	SSE	5	SSE	5	10	------------	N. N	10	------------	N. WSW
6	SSE	2	SSE	3	SE	3	SSE	1	S	1	SSE	2	8	------------	Cu.-N. S	7	Ci.	Cu. SSE
7	SE	2	Calm	----	SE	2	S	1	Calm	----	SSE	1	8	Ci.-S. N	Cu. SE	7	------------	Cu. SE
8	SSE	1	SE	2	SSE	1	SSE	2	SSE	2	S	2	8	------------	Cu.-N. SE	7	Ci. N	Cu. ESE
9	SSE	1	SSE	1	SSE	3	SSE	1	S	1	SSE	0	7	Ci. N	Cu. SE	7	Ci.	Cu. SE
10	S	1	S	1	ESE	1	SE	1	SSE	1	SSE	1	7	Ci. N	Cu.	7	Ci.-S. NE	Cu. S
11	Calm	----	Calm	----	ESE	2	SE	1	SSE	2	SSE	2	7	Ci.-Cu. ENE	Cu. SSW	3	Ci.	Cu.
12	S	1	S	1	SE	1	SE	2	SSE	2	SE	2	4	------------	Cu. SE	2	------------	Cu.
13	SE	1	Calm	----	SE	1	SE	2	SE	2	SE	2	5	------------	Cu. SE	2	------------	Cu.
14	SSE	2	S	1	SE	1	SE	2	SSE	1	SE	2	6	------------	Fr.-Cu. SE	2	------------	Cu.
15	SE	1	S	1	SE	1	SSE	1	SSE	1	SSE	1	3	------------	Cu. SE	2	------------	Fr.-Cu.
16	SSE	1	S	0	SSE	1	SE	2	Calm	----	SSE	1	6	------------	Cu. SE	2	------------	Fr.-Cu.
17	Calm	----	Calm	----	SSE	1	SSE	2	SSE	1	SSE	1	8	Ci.-S. N	S.-Cu.	4	------------	Cu. SE
18	Calm	----	NW	1	S	1	SSE	2	ESE	1	NE	2	5	Ci.	Cu. E	7	Ci. N	Cu. E
19	NE	1	NE	1	ENE	1	SSE	1	SE	1	E	1	8	------------	Cu.-N. E	8	------------	Cu.-N. E
20	Calm	----	Calm	----	SSE	1	SE	1	SE	2	Calm	----	6	Ci.	Cu. E	8	------------	Cu.-N. E
21	Calm	----	Calm	----	ESE	1	S	1	ENE	4	NW	1	8	------------	Cu.-N. E	8	Ci. NNE	Cu. E
22	NW	1	NW	1	Calm	----	S	1	ESE	2	SSE	1	7	Ci. N	Cu. E	8	Ci. N	Cu. E
23	NNW	1	NW	0	S	1	S	2	E	1	E	1	7	Ci. N	S.-Cu.	8	Ci. N	Cu. E
24	NW	1	NW	1	S	2	ESE	2	SE	2	SSE	2	8	Ci. NbyE	Cu.	8	Ci.-Cu. NbyE	Cu. E
25	S	1	Calm	----	SE	1	S	1	S	1	S	1	9	------------	Cu.-N. ESE	8	Ci.	Cu. ESE
26	Calm	----	Calm	----	SSE	2	SSE	2	SSE	1	SE	1	8	------------	Cu.-N. ESE	8	Ci.	Cu.-N. ESE
27	Calm	----	Calm	----	SE	1	SE	2	ESE	2	E	1	6	------------	Cu. ESE	7	Ci.-S. N	Cu. E
28	E	1	Calm	----	SE	1	SE	2	SE	2	ENE	0	3	Ci.-S. NNE	Cu.	8	Ci.	Cu. ESE
29	Calm	----	NW	1	SbyW	1	SE	2	SE	1	SE	1	6	Ci.-S. NE	S.-Cu.	7	Ci.-S. NE	Cu. ESE
30	Calm	----	WNW	1	S	1	SSE	2	Calm	----	SSE	1	7	Ci. N	Cu. ESE	8	------------	Cu. SE
31	WNW	0	WNW	1	E	1	ESE	2	E	1	E	1	8	------------	Cu.-N. SE	9	------------	Cu.-N. ESE
Mean	------	0.9	------	1.1	------	1.7	------	2	------	1.5	------	1.3	7	------------	------------	6.6	------------	------------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.68	53.10	58.66	57.06	57.06	58.21	24.2	24.8	30.3	28.6	28.8	27	32	23.8	97	97	73	80	76	84	0.5
2	57.64	57.95	58.57	56.60	57.68	59.10	25.7	25.3	30.3	32	27.8	26.8	32.6	24.8	91	94	71	66	82	86	14
3	58.27	58.24	58.62	56.08	57.03	58.81	24.7	23.6	28	30.6	28	27.9	31.8	23	90	95	77	66	80	79	2.8
4	57.21	57.73	58.31	56.70	56.78	58.81	25.8	25.8	28.8	27.8	27.7	27	31.4	24.6	92	92	77	82	82	84	13
5	57.31	57.29	57.58	56.01	56.17	57.58	26.3	25.8	30.5	29	28	28	31.4	24.8	89	92	70	76	80	79	10.7
6	57.16	57.23	58.52	56.55	57.08	58.87	25.5	25.2	25.4	29.3	27	26.6	30.5	23.8	92	94	91	76	84	87	4.3
7	57.64	57.78	57.95	56.77	57.26	58.60	26.3	25.9	29.8	28	26.7	25	31.2	24.3	89	91	73	81	82	92	6.9
8	57.77	58.10	58.92	57.24	57.78	59	25	24.5	29.6	29.7	27.3	25	30.4	23.5	92	96	74	73	86	92	3.9
9	58?	59.40	59.21	57.51	57.70	59.35	24.3	25	30.2	31.2	28.3	27	31.6	23.4	96	96	73	64	78	84	------
10	58.61	59.35	59.71	57.76	58	59.94	25.7	25	30.7	31.2	28.2	27.5	31.9	24.2	91	95	69	61	78	83	------
11	58.71	59.31	60	58.28	58.28	59.35	25.7	25	30.6	28.5	27.6	27	32	24.4	93	96	68	78	80	84	------
12	58.59	59.07	59.61	57.68	57.82	59.50	26	25	30.3	30.5	28.6	27.5	32.4	24	88	94	72	65	77	81	20.6
13	58.81	59.19	59.57	57.92	58.47	59.88	26	25.4	29	31.3	27.5	26.2	32	24.5	91	94	81	66	87	92	21.3
14	58.99	59.56	59.61	58.15	58.40	59.92	25.9	25.8	28.4	27.9	28.8	27.2	31.3	23.6	91	92	80	84	78	84	2.3
15	58.97	59.30	59.46	57.75	57.86	59.50	25.8	25.6	30.6	29.3	28	26.5	31.5	25	93	95	70	76	79	88	1.3
16	58.28	58.58	58.81	57.65	58.22	59.38	25.5	24.8	28.3	28.4	26.9	25.7	31.5	24	92	97	79	79	85	92	7.1
17	58.83	59.14	59.77	58.13	58.60	60.10	24.5	25.3	29.5	31.1	28	26.4	31.6	23.5	97	95	76	62	79	90	------
18	59.72	59.90	60.50	58.67	58.97	60.57	26	26	30.5	29.4	28.4	27.8	32.4	25.3	94	94	70	79	82	82	7.4
19	59.91	60.77	61.30	59.18	59.62	60.90	26.8	25.5	29.8	31.4	28	26.6	32	24.8	89	96	73	70	83	87	------
20	60.03	60.23	60.19	58.27	58.60	60	25.4	25.4	30.8	32	28.8	26.9	32.7	24.3	97	96	65	60	79	90	------
21	59.32	59.76	59.60	58.79	58.32	59.67	26	25.8	30.5	30	26.8	26	32.4	24.6	95	96	70	75	82	89	------
22	59.41	59.60	59.51	58.20	58.54	60.68	25	26	30.5	31.5	29	26.5	32.5	24.4	96	95	68	69	78	92	------
23	59.87	59.97	60.10	58.08	59.14	60.42	25.6	25.5	30.5	31	28.6	26.8	33	24.4	94	92	75	67	80	90	------
24	59.26	59.77	60.54	58.70	59.63	59.97	25.5	25.7	30.4	28.7	26.3	24.4	31.5	24	96	97	76	83	86	97	13.2
25	60.02	60.12	60.42	58.76	59.07	60.18	24.5	24.8	29.2	30.8	25.2	24	31.6	23	97	97	72	68	90	97	11.8
26	59.96	59.04	59.59	58.84	59.27	60.18	23.8	23.8	28.9	26.4	26.7	25.8	31.3	23	97	97	73	85	83	87	------
27	59.10	59.33	59.46	58	58.77	60.06	24	24.5	30.2	29.2	28.2	27	32	22.8	97	96	71	70	72	80	12.7
28	59.18	60.07	60.50	59.69	59.22	61.28	25.5	25.4	29.6	28	26.5	25.5	31.6	24	91	92	70	77	88	94	------
29	60.13	60.49	61.18	59.72	59.44	60.88	25.2	25	30.2	27.2	28	25.7	32.4	24	95	94	73	81	76	93	------
30	59.37	59.27	58.94	57.31	58.34	59.37	25	24.9	30.8	29.7	26.1	25.6	32	24.5	97	97	68	73	93	95	1
Mean	58.79	59.12	59.49	57.87	58.24	59.67	25.4	25.2	29.7	29.7	27.7	26.4	31.8	24.1	93.3	94.8	73.3	73.1	81.5	87.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	154.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	WNW	1	SSE	1	SE	2	SE	1	SE	1	8	------	Cu.-N. ESE	8	------	Cu.-N. ESE
2	Calm	----	WNW	1	ESE	1	SSE	2	Calm	----	W	1	3	------	Cu.	6	------	Cu. ESE
3	ESE	3	Calm	----	N	1	SSE	1	SE	1	Calm	----	10	------	Cu.-N. SE	6	Ci. NE	Cu. S
4	Calm	----	Calm	----	S	1	E	1	SE	1	Calm	----	9	------	Cu.-N. SE	8	------	Cu.-N. SSE
5	NW	1	Calm	----	S	1	SSE	2	SE	2	ESE	1	8	------	Cu. SE	8	------	Cu.-N. ESE
6	Calm	----	Calm	----	Calm	----	ESE	1	SSE	1	ESE	1	8	Ci.	Cu. ESE	8	Ci. N	Cu. ESE
7	ESE	1	Calm	----	S	1	E	1	SE	1	Calm	----	7	Ci.-S. N	Cu.	8	------	Cu.-N. ESE
8	Calm	----	Calm	----	SE	1	SSE	2	SE	1	SE	0	6	------	Cu.-N. ESE	7	------	Cu. ESE
9	Calm	----	NW	1	SW	1	SE	2	SE	2	SE	1	2	------	Cu.	4	------	Fr.-Cu. ESE
10	Calm	----	N	0	S	2	SSE	2	SE	2	ESE	1	3	------	Fr.-Cu. ESE	3	------	Cu.
11	W	0	W	1	SE	1	E	2	SE	1	SE	1	2	------	S.-Cu.	8	------	Cu. ESE
12	NW	1	WNW	0	ESE	1	SSE	2	SSE	1	SE	2	3	------	Cu.	7	------	Cu.-N. ESE
13	NW	2	NW	1	S	1	SSE	2	ENE	1	Calm	----	8	------	Cu.-N. SE	8	Ci. NE	Cu. SE
14	S	1	NE	1	SSE	2	NE	1	SE	2	SE	1	8	------	Cu.-N. ESE	8	------	Cu.-N. ESE
15	Calm	----	Calm	----	SSE	1	SE	1	SE	1	E	1	7	Ci.-S. N	Cu.	8	------	Cu.-N. ESE
16	Calm	----	Calm	----	ESE	1	WSW	1	SSW	1	Calm	----	10	------	N. ESE	8	------	Cu.-N. ESE
17	W	1	W	1	E	0	SSE	2	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. ESE	7	Ci.-S. N	Cu.
18	Calm	----	Calm	----	E	1	SE	1	SE	1	SE	2	6	Ci.-S.	Cu.-N. SE	8	------	Cu.-N. SE
19	SE	1	W	1	ESE	1	SE	2	Calm	----	WNW	0	4	------	Cu. ESE	4	------	Cu. ESE
20	WNW	1	Calm	----	S	1	SE	1	Calm	----	WNW	0	3	------	Cu.	2	------	Cu.
21	NW	1	NNW	1	SE	1	SE	2	NW	1	NW	1	8	Ci. NNE	S.-Cu.	8	Ci.	Cu. SSW
22	NW	1	WNW	1	SE	1	SSE	2	SSE	1	Calm	----	7	Ci.-S. NE	Cu. SW	4	------	Cu. SW
23	NW	1	Calm	----	ESE	1	SE	1	Calm	----	NW	1	5	------	Cu. S	7	------	Cu. S
24	WNW	1	WNW	1	ESE	1	SE	1	Calm	----	Calm	----	6	Ci.-S. NE	S.-Cu.	9	------	Cu.-N. SE
25	NW	1	WNW	1	S	1	SE	1	NW	1	NW	1	5	------	Cu. E	8	Ci. NNE	Cu. SE
26	Calm	----	Calm	----	SE	1	E	2	SE	1	E	1	8	------	Cu.-N. ESE	9	------	Cu.-N. SE
27	NW	0	NW	1	S	1	SSE	1	Calm	----	NW	1	3	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
28	WNW	1	Calm	----	Calm	----	E	1	Calm	----	Calm	----	8	------	Cu.-N. SE	9	------	Cu.-N. SE
29	NW	1	WNW	1	E	1	E	3	E	1	Calm	----	7	Ci.-S. NW	Cu.	8	------	Cu.-N. ESE
30	Calm	----	WNW	1	S	1	E	1	Calm	----	NNE	1	5	------	Cu.	6	------	Cu. SE
Mean	------	0.7	------	0.5	------	1	------	1.5	------	0.8	------	0.6	6.2	------	------	7	------	------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied,—1.82 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.70	58.67	58.95	57.90	58.23	59.48	25	25	30.5	27.8	27	25.1	32.4	24.2	97	97	68	74	80	95	------
2	59.22	59.41	59.61	58.17	58.73	60.32	25.1	24.8	28.8	29.5	26.6	26	30.8	24.4	94	97	75	72	87	92	------
3	59.07	58.93	59.68	58.66	59.09	60.03	24.5	24.4	30.4	27.8	26.6	26	32.6	23	91	95	66	85	83	87	2.5
4	58.82	58.33	58.78	57.34	57.91	59.04	25.6	24.2	28	31.5	25.5	25.2	32	23.6	92	97	82	66	96	96	9.7
5	57.92	57.60	58.11	57.52	57.13	58.37	24.8	24.8	30	27	26.7	24.8	31.4	24.2	97	97	68	84	85	95	12.7
6	57.60	57.65	58.60	56.94	57.74	59.09	24.8	24.8	28.5	30.2	28	25.8	31.7	24.2	96	96	78	70	80	93	------
7	58.10	58.37	58.84	56.73	57.54	59.34	25.5	25	30	30.4	28.5	26.5	31	24.4	93	97	73	66	81	88	.8
8	58.37	58.50	58.07	56.37	57.67	59.19	26.2	25.7	27.6	30.2	25	25.2	30.4	24	91	94	84	74	92	90	4.8
9	58.35	58.11	58.23	56.87	57.12	58.48	24.6	24	29.2	30.2	27.5	26	32.4	22.7	92	96	74	67	78	85	.3
10	57.27	57.80	57.92	57.49	56.71	58.40	25	24	28.8	26	26.1	25	30	23.6	91	97	79	76	89	94	1.5
11	57.49	57.67	58.27	56.36	56.99	58.80	25	25	28.6	31.5	28.8	26	32.4	24.2	96	96	73	65	76	92	------
12	57.93	58.47	58.21	56.80	58.02	59.26	25.3	25.3	29.5	31.5	28.3	25	32	24	90	92	73	63	80	97	9.7
13	58.09	58.22	58.30	56.40	56.55	57.24	25	25	29.8	31.8	29	25	32.7	24.4	95	97	73	64	76	92	9.2
14	55.40	54.82	55.32	52.57	52.21	53.20	25.2	25.3	25.3	25	24.5	23.5	26.1	23	93	93	94	96	92	97	244.3
15	51.28	51.62	52.75	51.92	52.87	54.95	23.3	24.2	24.4	25.3	25	25	25.8	22.8	97	93	92	89	88	88	27.3
16	53.79	54.79	55.24	54.17	54.46	56.51	25	24.6	27.6	29.8	28	27	30.2	23.8	88	87	70	63	68	77	9.1
17	56.39	56.17	57.23	56.23	56.07	57.87	25.2	25.8	29	31.8	28	26.5	32.4	23.8	82	78	71	61	77	76	------
18	56.36	56.29	56.78	55.97	56.23	58.04	26.4	26.5	31.5	32.8	30.8	28	33.7	25	77	76	55	54	60	65	------
19	56.73	56.28	56.68	55.58	55.72	57.72	28	27	31.2	32.8	30.8	29	33.6	26	65	70	54	53	60	63	------
20	56.82	57.08	57.78	55.83	56.11	57.90	28.2	27.3	31.2	33.5	30.3	27	34.4	25.3	63	68	60	51	63	84	------
21	56.97	57.17	57.39	55.73	56.28	57.50	25	27	31.3	32.8	30.2	27	34	24.2	85	73	62	52	64	84	------
22	56.03	56.56	56.69	55.14	55.64	56.36	26	26	30.8	30.9	24.3	25	32.5	23.6	88	88	67	69	89	92	5.6
23	54.88	55.07	55.35	54.15	54.96	56.14	25.2	25.2	29.7	27.3	26.5	26.8	31.9	24.2	90	90	70	85	84	78	6.9
24	55.17	55.42	56.26	55.60	56.25	57.03	25.3	25.5	28.4	29.2	28.3	27	31.5	24	81	80	78	66	69	77	1.3
25	56.66	56.97	57.10	56.05	56.86	58.26	25.6	24.2	30.7	32	29	27	32.7	23.6	83	90	67	54	69	84	------
26	57.20	57.08	57.50	56.97	57.06	58.12	26	26	30	29.4	29	27	32	25	92	78	63	65	66	79	------
27	56.24	55.96	56.37	55.30	55.34	55.67	26.1	26.8	28.3	28.8	25.8	26.5	29.2	25	83	78	75	73	88	80	4.3
28	55.03	54.87	54.94	53.67	54.97	55.27	25.7	25.3	27.5	30	25	26.3	30.4	24	82	84	77	65	88	70	5.9
29	54.23	55.33	55.65	54.64	55.36	56.90	25.5	26	29.6	31.6	28.1?	28.4	32.6	24.5	78	76	61	56	67	68	------
30	56.06	56.24	57.28	56.17	56.41	58.02	27	26.4	31.1	32.8	30	26.6	33.6	25.9	71	76	59	54	59	76	------
31	57.08	57.20	57.50	56.25	56.46	57.22	25.8	27.5	32	31.9	30	25.3	34	24.5	74	63	57	56	62	89	------
Mean	56.75	56.86	57.27	55.98	56.41	57.73	25.5	25.4	29.3	30.1	27.7	26.1	31.7	24.2	86.7	86.7	70.9	67.4	77.3	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	355.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	W	0	ESE	1	E	2	E	1	E	1	7	Ci.-S. NW	S.-Cu.	8	Ci. NW	Cu.-N. ESE
2	Calm	----	Calm	----	E	0	ESE	1	NW	1	Calm	----	5	Ci.	Cu. SE	8	Ci.-S. NW	Cu. ESE
3	Calm	----	Calm	----	ESE	0	Calm	----	NNW	2	Calm	----	7	Ci. NW	S.-Cu.	9	----	Cu.-N. E
4	Calm	----	Calm	----	NW	1	ESE	2	Calm	----	Calm	----	8	----	Cu.-N. ESE	7	Ci. NW	Cu. ESE
5	NW	1	NW	1	N	1	S	1	Calm	----	Calm	----	5	Ci. NW	S.-Cu.	8	----	Cu.-N. ESE
6	Calm	----	Calm	----	Calm	----	ESE	1	SSW	0	Calm	----	8	----	Cu.-N. E	6	Ci.-S. NW	Cu.
7	NW	0	NW	1	ESE	2	ESE	1	Calm	----	Calm	----	3	----	S.-Cu.	7	----	Cu. ESE
8	Calm	----	Calm	----	WSW	1	ESE	1	E	1	E	1	8	----	Cu.-N. ESE	8	Ci. NW	Cu. S
9	E	1	Calm	----	NNW	0	SSW	3	W	1	NW	1	7	Ci. NNW	S.-Cu.	8	Ci. NNE	Cu. WSW
10	NW	1	Calm	----	N	1	WNW	3	Calm	----	Calm	----	8	Ci.	N.-cf. SSW	8	----	Cu.-N. W
11	Calm	----	Calm	----	WNW	1	WNW	2	WNW	1	Calm	----	5	----	S.-Cu. SSW	7	Ci. NE	Cu. WSW
12	WNW	1	WNW	1	NW	1	NW	1	NW	1	NW	1	8	Ci.-S. N	S.-Cu.	8	Ci. N	Cu. WSW
13	WNW	1	WNW	0	WNW	1	NW	1	NNW	1	W	2	8	----	Cu.-N. N	8	Ci. SE	Cu. N
14	NW	1	WNW	1	W	2	WNW	3	W	2	WSW	3	10	----	N. N	10	----	N. NW
15	SW	3	S	2	S	2	Calm	----	S	0	SSW	3	10	----	N. SW	10	----	N. SW
16	SSW	4	S	2	SSW	3	S	2	SSW	2	SSW	1	10	----	N. SW	8	----	Cu. SW
17	S	1	S	1	S	1	SSW	1	S	0	S	1	9	----	Cu.-N. SW	8	Ci. N	Cu. SW
18	S	1	S	1	SSW	3	SSW	3	SSW	1	SSW	1	8	Ci.-Cu. N	S.-Cu.	4	Ci.	Cu. SW
19	SW	2	W	2	SW	2	SW	2	SW	3	SSW	2	4	----	Cu. WSW	6	----	Cu. WSW
20	SW	2	WSW	1	ESE	1	SW	2	SW	1	Calm	----	2	----	S.-Cu.	6	Ci.	Cu. WSW
21	SW	1	SW	1	NNE	0	WNW	3	WNW	1	WNW	0	8	Ci. NE	S.-Cu. W	8	Ci.	Cu. W
22	NW	1	Calm	----	N	1	NNE	0	WNW	3	Calm	----	8	Ci.-S. NE	Cu. W	8	Ci.-Cu.	Cu. WSW
23	NW	1	Calm	----	S	1	Calm	----	Calm	----	Calm	----	8	----	Cu.-N. W	9	----	Cu.-N. WSW
24	Calm	----	SW	1	W	1	SSW	1	SSW	1	Calm	----	9	----	Cu.-N. WSW	8	----	Cu. WSW
25	Calm	----	Calm	----	NE	1	WNW	3	WNW	2	Calm	----	8	----	Cu.-N.	8	Ci.-Cu. NE	Cu. W
26	Calm	----	WNW	1	wbyN	1	WNW	2	WNW	2	WNW	2	8	Ci.-Cu. NE	Cu. W	9	----	Cu.-N. W
27	WNW	2	WNW	2	WNW	1	W	2	NNW	1	NW	1	8	A.-S.	Fr.-N. W	8	Ci.	Cu.-N. W
28	W	1	WNW	1	SW	1	SW	1	WSW	1	WSW	2	10	----	N. WbyN	8	Ci.	Cu. SW
29	SSW	2	S	2	SSW	3	SSW	3	SSW	2	SSW	1	8	Ci.-S. N	Cu. S	8	----	Cu. WSW
30	S	2	SSW	1	SW	2	SSW	2	SSW	2	S	2	8	Ci.-Cu.	Cu. SW	7	Ci.-S. NNW	Cu. SW
31	S	2	SSW	2	S	2	W	2	WNW	1	Calm	----	4	Ci.-S.	S.-Cu.	6	----	Cu. SW
Mean	------	1	------	0.8	------	1.2	------	1.6	------	1.1	------	0.8	7.3	------	------	7.7	------	------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.68	56.38	56.70	55.78	56.53	58.09	25.5	25.4	29.8	30.8	27.5	25.2	31.3	24	92	92	66	60	81	96	2.6
2	56.34	57.35	57.30	55.62	56.11	58.30	25	25	29.8	31.7	29.6	26.8	33.5	24.2	94	96	69	56	69	88	------
3	56.94	57.60	58.25	56.70	56.77	58.16	26	26	30.4	32	29	26.2	32.8	24.5	85	84	61	57	66	86	------
4	57.13	57.50	58.04	55.68	56.60	57.92	26	24.5	31	33.4	26	27	34	24	81	92	63	48	88	81	3.8
5	56.50	56.80	56.80	56.30	57.18	57.80	25.3	25.8	31.7	27.8	26.5	24.4	32.2	23.6	93	89	59	74	80	97	1.1
6	56.70	56.79	57.91	56.34	56.47	57.55	24	24.6	29.9	31.8	29.8	26	33	23.4	97	95	69	58	66	84	------
7	57.18	57.47	58.31	56.60	56.71	58.82	26	25.4	30.7	31.7	29.8	26.7	33.2	24.2	85	88	66	65	66	83	.3
8	57.68	58.20	58.20	56.45	57.18	59.18	24.3	24.3	30	30.7	30.5	26.2	32.5	23	92	94	67	67	66	90	------
9	57.88	58.07	58.35	57.15	57.17	59.02	26.1	25	32	29	29.5	27	32.7	24	88	97	61	78	69	83	27.4
10	57.66	57.93	58.30	56.67	57.12	58.32	26.1	25.5	30	31	29	26.5	31.5	25	85	89	63	56	68	86	------
11	57.24	57.55	57.90	55.73	56.11	57.52	24.8	25	30.1	32.8	30	25.3	34	23.5	93	96	73	51	65	93	------
12	56.82	56.98	57.07	55.50	56.97	57.77	25.7	25.3	29.9	30.7	24	24.2	33.5	23.5	89	93	72	70	97	97	17
13	57.07	57.04	57.23	56.20	56.22	57.82	24.2	24.4	25.9	26.3	26	24.5	27	23	97	97	89	90	88	92	11.8
14	55.87	55.92	56.69	54.60	54.92	55.94	25	25.5	26.5	28	26.4	26.5	29.8	24	92	88	86	77	81	79	6.1
15	54.30	54.79	54.95	53.29	53.99	55.33	25	25.7	30.8	32	29.7	26.8	33	24.2	88	83	67	58	69	83	------
16	55.32	55.90	57.01	56.54	57.52	59.76	26.2	25.4	29.8	30	27.8	26	31	24.8	82	88	63	65	82	92	.3
17	58.60	59.04	59.47	58.02	58.35	59.80	25	25.1	29.4	28.8	26.4	26	31.5	24.4	92	93	68	78	92	92	.5
18	58.64	58.72	59.17	57.20	57.70	58.98	25	24.4	28.5	30.5	25	25	32	24	96	97	78	66	96	96	4.3
19	57.72	57.88	57.05	55.15	55.86	57.17	24	23.7	28.9	31.5	26.5	26	32.7	23.4	93	94	81	68	92	89	8.7
20	56.54	56.67	56.97	55.40	56.57	57.93	25.7	25.3	29.1	30	25.5	25	31.3	24.2	86	89	74	75	96	89	3.8
21	57.23	57.38	57.45	56.31	56.86	58.17	24	23.8	29.1	26.8	26.5	24.4	30.6	23.3	95	97	73	86	84	97	.5
22	57.07	57.07	57.55	55.91	57.02	58.14	25	25	29.3	28.3	26.3	25.5	31	23	92	92	73	82	90	92	1.3
23	56.77	56.87	57.61	55.65	56.62	58.32	24.7	24.9	30	31.2	27.5	26	32	23.8	97	97	73	62	78	88	9.7
24	57.57	57.77	57.94	56.56	57.62	58.79	24.5	24.8	29.5	28.4	26.5	25	31.4	24.2	96	93	71	77	83	92	1
25	58.02	58.58	59.76	57.86	58.93	59.66	24.3	25.3	28	29	28	26.3	31	23.1	96	89	70	71	70	74	5.6
26	58.67	58.60	58.94	56.87	57.13	58.17	24.7	26	29.6	30.2	28	26	31.2	23.2	91	81	65	66	74	89	------
27	56.20	56	56.29	54.72	55.26	56.39	25.4	25.2	30	32	26.2	26	33	24.4	91	92	71	60	90	92	13.2
28	55.35	55.77	56.80	55.44	56.18	57.62	25.3	24.6	28.8	28	26.8	25.5	31.4	24.2	89	91	67	73	78	86	------
29	57.06	57.10	58.11	57.47	58.18	59.62	25.8	25.7	29.4	29.8	26	24.5	30.7	23.6	81	81	63	63	80	92	2.8
30	58.34	57.87	58.72	57.27	57.30	58.62	24.5	25.2	28.6	29.3	28	27	30.5	24	89	87	68	64	72	79	------
31	57.48	57.45	58.51	56.30	56.54	57.39	26	26	22.5	25.4	25	24.2	27.5	22.3	84	81	96	88	88	97	36.8
Mean	57.05	57.26	57.72	56.17	56.76	58.13	25.1	25.1	29.3	30	27.4	25.7	31.7	23.8	90.4	90.8	70.5	68	79.5	88.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	158.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	WNW	1	WNW	1	NWbyW	2	NW	3	Calm	----	5	Ci.	S.-Cu.	8	Ci.	Cu. WNW
2	Calm	----	Calm	----	WNW	3	WNW	3	WNW	2	Calm	----	8	----------	Cu.-N. WNW	8	Ci. NE	Cu. WNW
3	Calm	----	Calm	----	NW	3	WNW	3	WNW	2	Calm	----	6	Ci.-Cu. N	S.-Cu.	7	Ci.-Cu. N	Cu. W
4	Calm	----	Calm	----	W	1	W	2	WNW	1	W	1	5	Ci.-Cu. NE	S.-Cu.	4	Ci.	Cu. W
5	SW	2	WNW	0	W	2	WNW	2	W	3	W	2	4	Ci.-S.	S.-Cu.	9	----------	Cu.-N. W
6	WNW	1	WNW	1	E	1	SW	2	WNW	1	Calm	----	7	Ci.-S. ENE	S.-Cu.	8	Ci.-S. ENE	Cu. WSW
7	Calm	----	Calm	----	S	1	NW	1	NW	2	NW	2	5	Ci.-S.	S.-Cu. WSW	8	----------	Cu. WSW
8	NW	1	WNW	1	EbyS	1	ESE	1	WNW	1	Calm	----	5	Ci.-S. ENE	Cu.	8	Ci. ENE	Cu. WSW
9	Calm	----	Calm	----	W	1	WNW	1	WNW	2	WNW	1	6	Ci.-S.	S.-Cu.	7	----------	Cu.-N. WSW
10	Calm	----	Calm	----	WNW	2	NW	3	NW	2	Calm	----	8	Ci.-Cu. ENE	S.-Cu.	8	Ci. ENE	Cu.
11	Calm	----	Calm	----	ESE	1	WNW	2	WNW	2	Calm	----	7	Ci.-S. ENE	S.-Cu.	7	Ci. ENE	Cu. W
12	Calm	----	Calm	----	ESE	1	S	1	Calm	----	Calm	----	6	Ci. ENE	S.-Cu.	8	Ci.	Cu. W
13	Calm	----	WNW	1	N	1	NW	2	WNW	1	WNW	3	10	----------	N. NW	10	----------	N. NW
14	WNW	3	WNW	2	WNW	2	WNW	4	W	2	W	2	10	----------	Cu.-N. NW	10	Ci.	Cu.-N. NW
15	W	2	Calm	----	WSW	1	SW	1	S	1	SSE	1	9	Ci.	Cu.-N. NWbyW	8	Ci. NE	Cu. SWbyW
16	S	1	Calm	----	SSE	1	SE	1	SSE	2	Calm	----	8	Ci. NE	Cu. SSW	7	Ci. NE	Cu. SW
17	Calm	----	Calm	----	ESE	0	ESE	1	ESE	2	Calm	----	9	----------	Cu.-N. W	10	----------	Cu.-N. S
18	WNW	0	WNW	0	ESE	1	W	1	W	1	Calm	----	7	Ci.-S. W	S.-Cu.	5	----------	Cu. E
19	Calm	----	Calm	----	E	1	S	1	SE	1	Calm	----	7	Ci.-S. NW	S.-Cu.	7	Ci.-S. NW	Cu. SE
20	Calm	----	NW	1	E	1	E	1	NW	1	NW	1	9	----------	Cu.-N. NE	8	Ci.	Cu. NNE
21	Calm	----	Calm	----	E	1	Calm	----	W	1	Calm	----	8	Ci.-S. NW	S.-Cu.	9	----------	Cu.-N. NE
22	W	1	W	0	ESE	1	E	1	Calm	----	WNW	1	8	Ci.-S. NW	Cu.	8	Ci.	Cu.-N. SW
23	WNW	1	WNW	1	ESE	1	NW	1	WNW	1	Calm	----	8	Ci.-Cu. NW	S.-Cu.	8	Ci.-Cu. NW	Cu. SW
24	Calm	----	Calm	----	ESE	1	W	1	Calm	----	Calm	----	8	----------	Cu.-N. SW	9	----------	Cu.-N. WSW
25	WNW	1	WNW	1	WNW	3	WNW	2	WNW	2	WNW	2	8	----------	Cu.-N. WSW	8	Ci.-S. NW	Cu. SW
26	WNW	2	WNW	2	WNW	2	WNW	2	NW	1	Calm	----	8	Ci.-Cu.	Cu. W	8	Ci. NE	Cu. W
27	Calm	----	Calm	----	E	1	W	1	Calm	----	W	1	8	Ci.-Cu. E	Cu. NW	8	Ci.-S. ESE	Cu. W
28	W	1	Calm	----	WNW	0	SSW	2	S	1	SSW	1	9	Ci.	Cu.-N. W	9	----------	Cu.-N.
29	Calm	----	Calm	----	SSW	1	S	1	SSW	1	Calm	----	8	Ci.-Cu.	Cu.	8	----------	Cu.-N. W
30	Calm	----	W	1	WNW	2	WNW	3	WNW	2	WNW	2	8	----------	Cu.-N. WNW	7	Ci. E	Cu. WNW
31	WNW	3	WNW	2	WNW	5	WNW	2	WNW	2	Calm	----	8	Ci. E	Cu. NW	10	----------	N. NbyW
Mean	-------	0.6	-------	0.5	-------	1.4	-------	1.6	-------	1.4	-------	0.6	7.4	----------	----------	8	----------	----------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied,—1.82 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.43	54.78	55.51	53.94	52.94	54.29	25.3	25.3	28.2	26.5	26.4	25.2	29	23.8	89	89	79	88	85	88	7.1
2	53.39	52.10	53.69	51.74	51.84	54.10	25.2	25.2	26.5	28	27.5	26.3	28.4	23.8	88	88	80	74	71	78	1
3	53.57	53.80	54.71	53.45	54.28	55.73	25.5	25	29	29	27	26	31.3	24	83	83	62	67	70	78	1.3
4	55.23	56.06	56.32	55.30	56.21	57.78	27	26.3	31.5	29.4	28	25.3	33.3	24	70	74	60	60	65	81	------
5	57.78	58	58.47	56.98	57.24	59.26	25.5	25	31.7	31	29	27.4	34	24	81	83	56	69	74	83	------
6	58.76	58.71	59.35	57.62	57.80	59.80	25.5	25	30	29	30	26.7	32.8	24.4	96	96	75	71	66	90	------
7	58.16	58.42	58.77	56.99	58.16	59.35	25.4	25	31	31.3	28	26	32	24.6	93	95	68	64	85	92	------
8	58.01	58.18	58.49	56.84	57.35	58.28	25.5	25	30.5	31.4	28.9	27	33	24.4	90	93	72	59	67	80	------
9	56.78	57.38	58.10	55.87	56.52	57.41	25	24.8	29.4	30.3	28.5	25.5	31.5	24	94	96	72	70	77	92	------
10	56.27	55.97	56.63	54.84	55.59	57.26	25.2	24.5	30.8	33.6	29.8	26.8	34.5	24.3	88	91	67	53	67	82	------
11	56.28	56.60	57.20	55.63	56.17	58.58	25.5	25.4	32.7	32.3	29	26.3	35	24.6	84	84	59	63	78	90	------
12	57.65	58.27	59.33	57.57	58.42	60.68	26	25.2	30.6	29.3	29	26	33	24.9	96	96	71	71	71	89	------
13	59.22	59.35	59.85	57.39	58.05	60.46	24.3	25	30	32.3	28.8	26.8	33	23.8	96	96	73	51	72	86	------
14	59.01	59.17	59.91	57.48	58.11	59.32	25.5	23.5	29.7	30.9	27.5	26.5	32	23	82	93	73	64	81	88	------
15	58.03	58.38	59.06	56.95	57.24	58.83	24.5	24	30.6	31.8	28.5	25	32.2	23.4	92	91	69	70	74	92	2
16	58.04	58.27	58.38	56.66	57.85	59.40	24.8	24.8	30.7	31	28.3	26.3	32	23.8	95	95	65	63	78	91	------
17	58.43	59.04	59.69	57.58	58.76	60.17	26.1	26	31	30.4	27	26	33	24.5	94	95	68	69	84	90	.3
18	58.80	59.45	59.72	57.86	58.01	60.02	25.7	25	30.1	27.7	27	26.3	32	24.3	89	92	73	82	88	90	15.5
19	59.08	59.67	60.07	57.18	58.22	59.56	24.5	24.5	28.8	31.6	26.9	25.1	32.2	24	92	96	72	62	85	97	6.9
20	58.20	58.55	58.98	57.34	57.69	58.78	25.1	24.8	27.7	25.5	25	24	30.4	23.3	96	97	77	91	88	91	17.2
21	57.43	57.76	58.20	56.83	57.64	59.22	24.4	24.6	29.3	26.4	26.2	25	32.7	23.8	96	97	72	84	94	92	1
22	58.09	58.60	59.27	57.67	58.29	60.85	24.5	24	29.2	30.3	27.4	23.8	31.5	23.1	96	97	74	72	81	95	31.5
23	59.28	59.68	60.25	58.17	58.43	60.33	23.5	23.5	29.2	30	27.8	24.7	31.3	23.1	96	96	73	62	71	90	2.8
24	59.25	59.44	60.11	58.03	58.51	59.70	24	23.5	29.7	26	26.8	24.6	31.4	23	93	96	70	87	78	95	2.5
25	58.57	59.14	59.47	57.47	57.96	59.97	24.5	24.4	30	29.9	27.5	27.5	32	23.2	96	95	68	72	81	84	------
26	58.79	59.14	59.76	57.75	58.30	60.10	25	25	30.6	30.7	27.8	26	33	24.2	94	96	69	72	84	90	------
27	59.22	59.82	60.52	58.80	58.80	60.82	25.2	24.9	30.6	29.8	25.6	25.5	32.6	24.2	93	96	71	72	87	91	3
28	58.97	59.24	59.97	57.26	58.14	60.12	25	24.6	29.7	30.5	26.2	25.5	32.4	24	95	95	69	72	90	96	22.1
29	58.12	58.57	59.19	57.56	57.99	59.32	25.2	25.6	29.4	27	26	25.2	31.6	24.7	96	94	75	80	90	90	2
30	57.82	58.05	59.11	56.50	56.98	58.92	24.8	23.5	29	31.8	27.3	25.5	32.8	23	89	96	73	64	84	84	6.4
Mean	57.72	57.99	58.60	56.71	57.25	58.95	25.1	24.8	29.9	29.8	27.6	25.8	32.2	23.9	91	92.7	70.2	69.9	78.9	88.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	122.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	3	WNW	2	WNW	1	WNW	3	W	2	WNW	1	9	------	Cu.-N. NW	9	Ci.	Cu.-N. WNW
2	W	3	W	3	WNW	2	SSW	3	SSW	1	SW	3	10	------	N. W	10	------	Cu.-N. W
3	SW	1	SSW	1	SSW	3	SSW	4	SSW	3	S	1	9	------	Cu.-N. SW	9	------	Cu.-N. SW
4	SSW	3	S	2	SSE	3	SSW	3	S	1	S	1	7	Ci.	Cu. SW	9	------	Cu.-N. SW
5	S	1	S	0	S	1	SSE	2	S	1	S	1	7	Ci.	S.-Cu.	7	------	Cu. SW
6	NW	0	Calm	----	ESE	1	SW	2	SW	1	Calm	----	8	A.-Cu. SW	S.-Cu.	9	------	Cu.-N. SW
7	Calm	----	Calm	----	E	1	W	2	Calm	----	Calm	----	7	Ci.-S. E	S.-Cu.	8	Ci. E	Cu. SW
8	W	1	Calm	----	E	1	WNW	3	WSW	1	WNW	2	7	Ci.-Cu. E	S.-Cu.	8	Ci. E	Cu. SW
9	Calm	----	Calm	----	NNE	0	ESE	1	ESE	1	Calm	----	8	Ci.	S.-Cu.	9	Ci. ENE	Cu. W
10	Calm	----	Calm	----	SE	2	SSW	2	SSW	1	S	0	8	Ci. N	S.-Cu.	8	Ci. N	Cu. WSW
11	S	1	S	1	SSW	2	ESE	3	ESE	1	Calm	----	5	Ci.-S.	Cu. W	7	Ci. N	Cu. SW
12	NW	1	WNW	0	ESE	1	SW	1	SE	1	Calm	----	6	Ci.	S.-Cu.	8	------	Cu.-N. NW
13	Calm	----	WNW	1	WNW	1	NNW	2	WNW	1	ENE	1	2	------	S.-Cu.	5	------	Cu. NW
14	Calm	----	Calm	----	NW	0	WNW	2	WNW	1	Calm	----	4	Ci.-S.	S.-Cu.	7	Ci. SE	Cu. NW
15	Calm	----	Calm	----	ESE	1	ESE	1	SSW	1	WNW	1	7	Ci. NNE	S.-Cu.	9	Ci. E	Cu. W
16	Calm	----	Calm	----	ESE	2	ESE	2	Calm	----	Calm	----	7	Ci. E	S.-Cu.	8	Ci. E	Cu. WSW
17	Calm	----	WNW	1	ESE	2	SE	2	NW	2	WNW	1	8	Ci.-S. E	Cu.-N. WNW	8	Ci.	Cu. NW
18	WNW	1	WNW	1	W	1	Calm	----	WNW	0	N	0	7	Ci. ESE	S.-Cu.	9	------	Cu.-N. N
19	W	0	Calm	----	N	1	WNW	2	NW	2	NW	1	9	------	Cu.-N. NE	7	Ci. WNW	Cu. E
20	Calm	----	Calm	----	NW	2	W	0	NW	1	Calm	----	8	------	Cu.-N. NE	9	------	Cu.-N. NE
21	NW	1	NW	1	E	1	WNW	1	Calm	----	W	0	5	Ci.-S.	S.-Cu.	9	------	N. NE
22	WNW	0	Calm	----	ESE	1	ESE	1	SSW	1	WNW	1	2	------	S.-Cu.	7	------	Cu. W
23	WNW	1	WNW	1	NW	1	NW	2	ESE	1	Calm	----	7	Ci.-S. S	Cu.	8	Ci. S	Cu. N
24	Calm	----	Calm	----	NNW	1	WSW	0	NW	1	Calm	----	4	Ci. S	S.-Cu.	9	------	Cu.-N. N
25	NW	1	WNW	1	SE	1	SE	2	SE	2	SE	1	6	Ci.,Ci.-S. SSE	S.-Cu.	7	------	Cu. SE
26	Calm	----	Calm	----	SE	1	SE	2	SE	1	Calm	----	2	------	S.-Cu.	7	------	Cu. SE
27	WNW	1	NW	1	ESE	0	ESE	2	NW	1	NW	0	2	------	Cu.	6	------	Cu. SE
28	NW	1	NW	1	E	1	E	1	NW	1	NW	1	8	Ci.-S. NW	S.-Cu.	8	------	Cu. E
29	WNW	1	WNW	1	NW	1	WSW	1	NW	1	WNW	2	8	------	Cu.-N. NNE	8	------	Cu.-N. NNE
30	WNW	1	WNW	0	NW	1	SE	2	SE	2	W	1	5	Ci.-S. S	S.-Cu.	6	Ci.-S. S	Cu. NE
Mean	------	0.7	------	0.6	------	1.2	------	1.8	------	1.1	------	0.6	6.4	------	------	7.9	------	------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.87	58.34	59	57.10	58.02	58.86	25	24	30.7	32.2	27.5	26.3	32.7	23.6	88	96	69	63	84	90	------
2	57.93	58.44	58.96	56.59	57.22	58.85	25.3	25	28.6	28.3	27.3	26	33.5	23.6	92	94	80	80	87	92	3
3	58.14	58.37	59.12	56.65	57.40	59.30	25.2	25	29.8	31.8	28	27	33	23.7	94	95	75	61	82	84	------
4	58.54	59.35	59.55	57.77	58.22	59.67	25	24.5	30.2	28.6	27.5	26.5	31.3	24.2	91	96	70	71	83	87	.8
5	58.44	58.89	59.14	56.83	57.80	59.30	24.7	23.5	30.6	31.7	28.3	26	32.6	23.2	94	96	71	62	75	90	------
6	58.08	58.12	58.80	56.90	58.19	59.45	25	24.6	29.6	27.4	25	24.8	32.8	23.4	91	92	79	84	88	92	.5
7	58.02	58.94	59.42	57.31	59.04	59.96	24.3	24	30	30.8	26.3	25	32.5	23.3	93	96	74	65	82	92	------
8	58.12	58.75	59.32	56.58	57.96	58.66	24.6	24.6	30	32.5	28.5	25.7	33.6	24	95	95	65	52	70	90	------
9	57.38	57.25	57.40	54.93	55.72	57.28	25	24.4	29.7	29.8	27.1	26	32.2	24	90	92	73	69	87	88	------
10	55.64	55.79	57.24	54.77	55.19	56.29	25.8	24.6	26.4	25.6	26.5	24.7	27.5	24	87	92	89	91	88	96	10.5
11	54.63	55.20	55.53	52.58	53.69	54.83	25	24.8	29	30.5	25.2	24	32.4	23.7	93	95	78	67	94	95	62.3
12	53.60	54.29	54.90	53.30	54.57	55.88	24	24.2	29.5	29	26.1	25	31.8	23.2	95	97	72	76	82	83	6.9
13	54.37	55.25	55.47	53.95	54.93	56.04	25.4	24.4	28.5	28	26.5	25	31.3	23.7	80	91	67	69	80	88	7.6
14	55.13	55.42	55.89	53.84	54.73	56.25	25.6	25.4	29.5	30.2	27.4	27.4	32	24.2	87	82	64	62	70	74	1
15	55.07	55.32	56.50	55.63	56.50	58.53	27.3	27.7	30.1	31.5	28.6	25.8	32.5	24.7	71	68	65	60	63	85	------
16	57.28	58.10	59.59	57.43	58.48	59.38	25	25	30.6	32	27	26	32.7	24.6	92	92	63	53	81	89	1
17	58.28	59.27	59.80	57.98	58.80	60.33	24.6	24.5	29.2	27	24.8	24.8	30.5	23.3	97	96	73	87	89	88	8.4
18	59.45	59.91	60.27	58.35	59.52	60.36	24.6	24.5	29.5	28.8	26.5	25.5	30.2	23.6	96	96	75	72	88	88	1.5
19	59.82	60.28	60.45	58.15	59.20	60.20	24.5	24	29.7	28.8	26.6	25.1	31.6	23.3	92	96	71	72	87	97	34.5
20	59.41	59.88	60.10	58.65	59.97	61.12	24.1	24.7	27.8	25	24.5	25	29	23.8	97	97	82	96	93	93	48.2
21	59.71	59.87	60.37	58.24	58.67	59.92	24.5	24	26.9	29.4	26.5	25.7	30.4	23.3	92	97	81	74	84	90	------
22	58.88	59.23	59.30	56.94	57.92	58.74	25.2	24.5	29.5	29.8	27.4	26.2	31	24	93	96	72	65	78	86	------
23	57.92	58.20	58.71	56.97	58.43	59.95	26.5	26	30	29.8	26.2	25.8	32	24.6	83	87	68	66	82	90	1.3
24	58.82	59.04	59.90	58.21	59.90	61.21	25	25	27.6	29	27.5	25.4	29.9	24	87	89	80	69	73	87	------
25	60.08	61.04	61.52	59.09	59.97	60.98	24.5	23.3	28.4	29.5	26	25	30.6	23	91	93	62	60	80	90	------
26	59.68	60.34	60.20	58	58.60	60.22	23.5	23	28.2	30.5	27.5	25	31	21.6	90	93	62	52	70	88	5.8
27	59.27	60.02	60.12	57.83	58.46	60.81	23.5	22.4	28.8	31.2	26.6	26	31.7	21.4	90	95	67	52	76	84	------
28	59.90	60.34	60.55	58.25	59.93	61.22	25	24	29.6	31.5	25.8	25.6	32.5	23.2	83	91	69	60	93	91	10.2
29	59.90	60.56	61.06	58.23	59.51	60.77	24.5	24.2	29.2	31.5	25.9	25.2	32.4	23.6	94	97	73	61	93	94	1
30	59.80	60.52	60.89	57.89	58.92	60.21	24.9	24.6	29.8	31.3	27	25.5	32	23.4	94	97	72	67	84	93	18.6
31	58.93	59.63	60.66	59.14	59.77	61.15	23.8	24.7	26	25.2	25.3	24.4	26.5	22.6	96	94	94	90	89	88	29.7
Mean	58	58.51	59.02	56.91	57.91	59.22	24.9	24.5	29.1	29.6	26.7	25.5	31.5	23.5	90.6	93	72.7	68.6	82.4	89.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	252.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	0	NW	0	NE	1	W	3	WNW	1	W	1	2	------------	S.-Cu.	8	------------	Cu. W
2	Calm	----	Calm	----	WNW	2	SW	1	NE	1	Calm	----	2	------------	S.-Cu.	8	------------	Cu.-N. W
3	Calm	----	Calm	----	ESE	1	WNW	1	E	1	Calm	----	3	Ci.	S.-Cu.	5	Ci.	Cu. SW
4	W	1	Calm	----	ESE	1	WNW	1	E	1	Calm	----	5	Ci.-S. S	S.-Cu.	8	------------	Cu. W
5	Calm	----	Calm	----	NW	1	W	2	NW	2	NW	1	7	Ci.-S. S	Cu.	5	Ci.-S. S	Cu. WNW
6	Calm	----	WNW	0	ESE	1	Calm	----	WNW	1	Calm	----	7	Ci. SSW	S.-Cu.	9	------------	Cu.-N. NW
7	NW	1	Calm	----	NW	1	WSW	2	NW	2	NW	1	3	------------	S.-Cu.	8	Ci.-S. SSW	Cu. NW
8	NW	0	NW	1	NNW	1	NW	1	Calm	----	Calm	----	3	------------	Cu.	6	------------	Cu. NW
9	Calm	----	Calm	----	NNW	1	NW	3	WNW	1	W	1	7	Ci. SSW	S.-Cu.	8	Ci. SSW	Cu. NW
10	Calm	----	SSE	0	WNW	2	WNW	1	WNW	2	WNW	1	8	Ci.	Cu.-N. WSW	10	------------	Cu.-N. W
11	Calm	----	SSW	1	SSE	1	S	2	SW	1	SSW	1	9	Ci.	Cu.-N. W	8	Ci.	Cu. SW
12	SSW	1	S	1	SW	2	SSW	3	SSW	2	SSW	2	9	------------	Cu.-N. WSW	9	------------	Cu.-N. WSW
13	SSW	2	SSE	1	SW	3	SW	3	SSW	2	S	1	10	------------	N. SW	9	------------	Cu.-N. SW
14	SE	1	S	1	SSW	3	S	2	SSW	1	S	1	8	Ci.-S. NE	Cu. SW	8	Ci.-S.	Cu. SW
15	SSW	2	SSW	2	SSW	3	SW	2	WSW	2	WNW	1	8	------------	Cu. SW	7	Ci. E	Cu. WSW
16	W	1	W	1	WSW	2	WSW	1	Calm	----	Calm	----	5	Ci.-S. E	S.-Cu.	8	Ci.-Cu. E	Cu. WSW
17	Calm	----	Calm	----	E	1	Calm	----	SSW	1	NW	1	9	------------	Cu.-N. WSW	8	------------	Cu.-N. WSW
18	Calm	----	Calm	----	E	1	WNW	2	Calm	----	NW	0	8	Ci.-S.	Cu.-N. WSW	8	Ci.-S. E	Cu. WSW
19	Calm	----	Calm	----	N	1	WNW	3	NW	2	NW	1	3	------------	Cu.	8	------------	Cu. WNW
20	NW	2	WNW	1	WNW	1	NW	1	NW	1	WNW	1	10	------------	N. NW	10	------------	N. NW
21	WNW	1	NW	0	NNW	1	NW	1	NW	1	NW	1	9	------------	Cu.-N. NNE	8	Ci. S	Cu. NNE
22	NW	1	WNW	0	NNW	1	NW	2	NW	2	NW	2	8	Ci. S	S.-Cu.	8	Ci. S	Cu. NW
23	NW	3	WNW	2	WNW	2	NNW	3	NW	2	NW	0	8	Ci. SE	Cu. WNW	8	Ci. SSE	Cu. NW
24	NW	1	NW	1	NW	2	NW	2	WNW	2	WNW	1	9	------------	Cu.-N. N	8	Ci.	Cu. N
25	NW	1	Calm	----	NW	1	NNW	1	SE	1	Calm	----	7	Ci. SE	S.-Cu.	8	Ci. SE	Cu. NW
26	Calm	----	WNW	1	NNW	2	NNW	1	E	1	Calm	----	2	------------	S.-Cu.	2	------------	Cu.
27	NW	1	NW	0	WNW	1	NW	0	NW	1	N	1	2	------------	S.-Cu.	3	------------	Cu.
28	Calm	----	Calm	----	NW	0	NW	1	NNW	1	NNW	0	3	------------	S.-Cu.	7	Ci.	Cu. NW
29	Calm	----	NW	1	N	0	SE	2	Calm	----	Calm	----	3	Ci.-S.	S.-Cu.	4	------------	Cu. NE
30	NW	1	WNW	1	SSW	1	SSW	2	NNW	1	NW	1	3	------------	Cu.	5	Ci.-S. SSW	Cu. NE
31	N	1	Calm	----	ESE	1	E	1	Calm	----	NW	1	10	------------	Cu.-N. ESE	10	------------	N. ESE
Mean	-------	0.7	-------	0.5	-------	1.4	-------	1.6	-------	1.2	-------	0.7	6.1	------------	------------	7.4	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.47	60.02	60.55	58.41	59.36	60.93	23.6	24.4	29	29.8	26.2	25.1	31.2	23	95	94	76	73	94	92	------
2	59.82	60.13	60.08	58.24	59.20	60.87	24.8	24.8	30.5	29.7	27	25.5	31.6	24.1	94	95	72	77	84	93	0.5
3	59.66	60.32	60.51	58.51	59.30	60.37	24.8	24.5	30.5	30.8	27	25.3	32.4	23.6	93	96	70	64	84	95	2.8
4	59.07	60.04	60.67	59.03	59.80	60.92	25.1	25	28.3	27.3	26.6	26	29.4	24.1	94	95	81	85	84	88	2.5
5	59.60	60.26	61.05	58.82	59.52	60.65	24.8	24.8	27	26.7	26.4	26	28.5	24.2	95	95	84	88	90	92	5.4
6	59.58	59.87	60.31	58.50	59.36	60.32	25.7	24.7	27	28.4	27	26.2	31.4	24.5	87	94	84	80	84	89	7.4
7	59.73	60.12	60.86	59.26	59.80	60.82	25.2	24.1	27.8	27.2	26	25.5	28.2	23.8	90	93	79	83	84	88	2.5
8	59.72	60.41	61.22	58.51	59.65	61.17	25.3	25.2	27	29.2	27.5	26	30.2	24.2	89	93	90	75	82	88	5.9
9	59.81	60.19	60.92	58.35	59.15	59.92	24.8	24.6	30	30.2	27.4	25.4	31	24	93	95	69	70	80	88	13.5
10	58.94	59.97	60.47	58.02	58.97	60.58	25	24.7	27.4	29.5	26	24.8	31.6	24	92	94	81	71	80	88	3.3
11	58.80	59.18	60.28	58.37	59.35	60.62	24.4	24.4	27	28.8	27	26	30	23.4	92	93	84	78	80	84	11
12	59.65	60.48	61.04	59.05	59.86	60.72	24.7	24.5	30.6	30.2	27	26	32.6	24	93	92	64	68	78	84	------
13	59.65	60.59	61.20	58.64	59.20	60.73	25	23.8	27.6	28.8	26.5	24.8	31.4	23.4	86	91	76	62	71	77	------
14	59.52	59.92	60.62	58.71	59.63	60.53	23	22.5	27.5	26.2	24	24.5	29.4	21.6	90	91	63	78	91	83	3.8
15	59.31	59.98	61.03	59.75	60.46	61.47	23	23	28.1	24	23.6	24	30.1	22.1	89	89	72	90	93	91	11.9
16	60.49	61.01	62.09	60.17	60.38	61.37	24	24	24.5	25.3	24.4	24	26.5	23	91	91	87	85	88	91	1.8
17	60.19	60.72	60.97	58.98	60.86	61.18	23.9	23.9	27	28	24.1	24	29.6	23.1	91	92	77	73	91	91	17.5
18	60.83	61.49	61.98	60.07	60.80	61.62	23.4	24	26.6	26	25.3	24.8	30.2	23	97	96	83	89	91	93	2.5
19	60.49	61.29	61.96	60.28	60.96	62.21	24.2	23.5	27.8	26.6	25.3	25.1	31.6	23	95	97	82	90	87	88	18.5
20	61.22	61.69	62.11	60.60	61.09	61.58	24	24	28.3	24.8	24.2	24.5	29	23	96	91	74	93	95	91	36.5
21	60.83	61.11	61.20	59	60	60.78	24.2	24	28.4	31.4	26.8	25	32	23.4	94	96	75	61	83	96	------
22	59.32	59.75	60.24	58.66	59.39	61.42	25.5	25.4	29.8	31	27	24.7	32	23.7	91	91	64	64	73	89	.8
23	60.25	60.77	61.34	59.75	61.04	62.27	23.5	24	28.5	30.7	27	25.1	31.2	22.5	94	95	74	66	77	87	1.8
24	61.08	61.47	61.90	60.11	61.11	62.33	24	23.6	29.1	28.5	25.3	24	30.7	23.2	91	95	69	78	85	93	9.7
25	61.03	61.19	61.57	59.34	59.80	60.71	23.6	24	28.5	29.7	26.5	24.8	30.4	23.2	90	87	64	63	69	81	.8
26	59.03	59.26	59.51	56.92	57.94	58.54	24	24.8	28.5	28	23.9	23.8	30	22.6	86	82	70	74	95	96	59.2
27	57.29	57.86	58.92	57.37	58.17	59.09	24	23	28.6	30.1	26.6	25.5	30.6	22.4	96	97	78	71	84	92	.8
28	58.54	59.39	59.56	57.49	58.32	59.40	24	23.5	29.5	30.7	26.8	25.6	32.4	22.8	96	96	73	64	81	87	------
29	58.77	59.16	59.79	57.55	58.42	59.96	25	24.5	29	30.3	28	26	32	23.8	90	94	78	70	85	92	------
30	58.90	59.47	60.15	58.47	59.45	60.22	25	24.8	29.5	28.4	25.2	24.8	31.2	24	92	93	68	72	93	92	27.2
Mean	59.69	60.24	60.80	58.83	59.66	60.78	24.4	24.2	28.3	28.5	26.1	25.1	30.6	23.4	92.1	93.1	75.4	75.2	84.5	89.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	247.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	NW	1	WNW	0	NbyW	1	SE	1	Calm	----	Calm	----	8	Ci. NW	S.-Cu.	8	Ci.	Cu. SE
2	Calm	----	W	0	SEbyS	1	SSW	1	E	1	NNE	1	7	Ci.-S. W	S.-Cu.	5	------------	Cu. SE
3	W	1	NNW	1	ESE	1	SSE	2	Calm	----	Calm	----	5	Ci. WNW	Cu.	6	------------	Cu. SE
4	Calm	----	WNW	0	SE	0	Calm	----	Calm	----	Calm	----	6	Ci.-S.	Cu.	8	------------	Cu.-N. SE
5	Calm	----	WNW	1	NW	1	NW	1	SW	0	SW	1	8	------------	Cu.-N. E	9	------------	Cu.-N. E
6	NW	1	WNW	1	SE	2	WNW	1	E	1	Calm	----	6	Ci.-S. N	Cu. E	9	------------	N. E
7	Calm	----	NW	1	Calm	----	NNW	0	E	1	NW	1	9	------------	Cu.-N. E	9	------------	Cu.-N. ENE
8	NW	1	WNW	1	NNE	1	E	2	E	1	E	1	9	------------	Cu.-N. ENE	8	------------	Cu.-N. ENE
9	NW	1	Calm	----	E	0	ESE	1	Calm	----	NNW	0	8	------------	Cu.-N. ENE	7	Ci.-S. SW	Cu. ENE
10	NW	1	WNW	1	SSW	2	ESE	2	ENE	1	N	0	5	------------	Cu. ENE	7	Ci.	Cu. ENE
11	NW	1	NW	1	WNW	1	W	0	ESE	1	NW	1	7	Ci. SW	S.-Cu.	8	Ci. SW	Cu. ENE
12	WNW	1	WNW	1	E	1	SSE	2	E	1	E	1	4	Ci. SSW	S.-Cu.	8	------------	Cu. NE
13	NW	1	WNW	1	WNW	1	ESE	2	NNW	1	NW	1	5	Ci. SW	S.-Cu.	8	Ci.	Cu. ENE
14	NW	1	NW	1	NNW	3	WNW	3	E	0	NW	0	5	Ci. SW	S.-Cu.	8	------------	Cu.-N.NE
15	WNW	2	WNW	2	NW	2	ESE	3	NW	1	NW	2	9	------------	Cu.-N. NE	10	------------	N. NE
16	N	2	N	2	NNW	3	NNW	2	NNW	1	Calm	----	8	------------	Cu.-N. N	8	------------	Cu.-N. N
17	NW	0	WNW	1	WNW	1	NNW	2	NW	2	WNW	2	8	Ci. SW	S.-Cu.	8	Ci. SW	Cu. NE
18	NW	1	NW	1	NNW	2	NW	2	NW	1	NW	1	10	------------	N. NE	10	------------	N. NE
19	NW	0	WNW	1	WNW	1	E	1	Calm	----	NW	1	6	Ci.-S.	Cu. ENE	10	------------	N. ENE
20	NW	1	NW	1	N	1	SSW	1	NW	1	NW	2	9	------------	Cu.-N. NE	10	------------	Cu.-N.NE
21	WNW	1	NW	1	NNW	1	E	1	Calm	----	Calm	----	8	------------	Cu. NE	4	------------	Cu. NE
22	NW	1	NW	2	E	2	E	2	Calm	----	NW	0	7	------------	Cu. NE	4	------------	Cu. NE
23	Calm	----	NW	1	Calm	----	SE	1	SE	1	Calm	----	2	------------	Cu.	5	------------	Cu. ENE
24	NW	1	WNW	1	WNW	2	N	1	N	2	N	2	2	------------	S.-Cu.	8	------------	Cu.-N.NE
25	NW	3	NW	3	NNW	2	WNW	2	E	1	NNW	2	3	------------	S.-Cu.	3	------------	Cu. NE
26	NNW	2	NNW	2	WNW	2	WNW	2	WSW	3	E	1	2	Ci.	S.-Cu.	8	------------	Cu.-N.NE
27	Calm	----	Calm	----	S	0	W	1	E	1	Calm	----	7	Ci.	Cu. NE	7	Ci.	Cu. ESE
28	Calm	----	Calm	----	SE	0	SE	2	NE	0	NW	0	4	------------	S.-Cu.	5	------------	Cu. E
29	NW	1	WNW	0	NNW	1	SE	1	E	1	WNW	1	4	------------	S.-Cu.	5	------------	Cu. ENE
30	WNW	1	WNW	0	NNE	1	E	0	Calm	----	Calm	----	6	------------	S.-Cu. ENE	8	Ci.-S. SW	Cu.-N.NE
Mean	-------	0.9	-------	0.9	-------	1.2	-------	1.4	-------	0.8	-------	0.7	6.2	------------	------------	7.4	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.62	59.92	60.63	58.31	59.30	60.35	24.4	23.5	28.4	31	25.4	24.7	31.6	22.9	92	96	73	62	93	94	7.4
2	59.31	60.21	60.91	58.95	60.01	61.07	23.2	23.7	27.8	30.4	24.8	24.3	30.9	23	97	95	75	66	92	94	38.9
3	60.31	61.19	61.62	60.13	61.16	62.25	24	24	29.4	30.8	26	25.8	31.5	23	95	95	68	65	88	81	4.6
4	61.11	62.03	62.60	60.75	61.62	62.42	25	23.7	26.8	28.4	26	24.8	29	23.2	88	94	82	75	84	89	35.1
5	61.62	61.97	62.96	60.93	61.95	62.62	24	24.1	26.5	26.6	26.1	24.7	27.1	23.4	91	91	80	81	83	90	1.3
6	61.53	61.77	62.34	60.21	60.96	61.75	24.5	24	29.1	30.5	26.6	25.5	30.9	23.3	89	91	64	58	76	84	2.5
7	60.18	60.74	61.63	59.42	60.57	61.55	24.5	24	26.7	26.3	25	24.2	29.5	23.6	87	91	86	82	92	94	21.5
8	59.92	60.54	61.13	58.90	59.97	60.87	23.8	23.8	27	28.9	24.5	24.6	29.5	23.3	93	93	77	73	92	90	15.5
9	59.38	60.22	60.85	58.72	59.71	60.85	24.8	23.4	27.5	27.5	26	25.2	29.5	22.6	83	91	77	84	84	86	10.4
10	59.91	60.48	61.20	59.06	59.82	61.13	24	23	29.5	30.7	26	24	31.5	22	86	95	66	60	85	91	5.3
11	59.88	60.44	61.10	59.05	59.23	60.30	24.3	24	28.4	27.8	27	25	30.4	23	91	94	77	76	82	92	------
12	59.36	59.67	60.05	58.30	59.12	60.25	24.7	24.3	28.7	27.5	26.3	24.8	30.5	23.8	92	94	76	81	86	93	8.6
13	59.04	59.44	60.24	58.27	59.20	60.52	24.6	24.2	28.7	29	27	24.2	31.2	23.4	94	97	78	74	77	94	18.7
14	58.89	58.89	59.70	58.40	59.01	59.58	24	24.2	27	27.8	25.5	25	29.2	23.6	95	93	86	84	90	92	13.2
15	58.67	58.79	59.37	57.94	58.77	59.85	24.4	24.2	28	26	25	25	29.8	23.8	96	97	80	87	91	96	9.1
16	59	60.27	60.65	58.47	59.50	60.53	24.2	24.5	28.3	29.7	26.5	25.5	30.2	23.8	97	96	79	72	84	88	11.2
17	59.03	59.68	60.25	58.37	59.76	60.82	25	25	28.3	29.8	25	25	31.1	24.2	94	94	79	73	88	88	5.6
18	59.59	60.19	60.70	58.90	60.20	61.30	24.4	23.9	28.7	31.2	26	26.5	31.7	23.2	93	96	75	67	89	83	13.2
19	60.82	61.21	61.41	60.41	61.64	62.48	25	24	26.4	24.8	23.3	25	30	22.2	89	96	87	92	97	83	37.3
20	61.11	61.42	61.90	60.55	61.13	61.67	23.8	24	29	26	26.3	25.4	30.4	23.2	95	95	76	88	78	84	12.5
21	60.25	61.22	61.25	59.13	60.13	60.98	24.5	24	26.5	27.7	24.4	24.4	28.3	23.5	92	96	90	82	92	97	13.7
22	59.48	59.14	60.30	58.47	58.64	60.25	24.2	23.8	28.8	26.7	27.2	25	29.8	22.6	94	96	65	89	81	92	8.1
23	59	59.38	59.90	58.08	59.12	60.12	24.1	24	26.8	28.2	26	25.2	29.5	23.4	92	93	73	71	90	90	4.1
24	58.83	58.95	59.30	56.75	57.30	57.94	24.3	24.7	27.8	26.6	24.8	24.5	28	23.6	93	92	74	79	92	93	22.4
25	57.30	58.14	58.89	57.31	58.37	59.14	24.8	25	27.6	28.7	26.5	26	30	23.8	93	92	82	77	83	87	2
26	58.70	59.10	60.10	58.27	58.44	59.90	24.6	25	27.4	26.8	26	25.5	28.8	23.6	95	93	84	89	92	93	5.3
27	58.78	59.23	59.80	57.92	58.80	60.07	24.7	24.8	27.2	26.5	25.5	25.3	29	24	94	93	84	88	89	88	1.6
28	59.28	59.92	61	58.90	59.98	61.23	25	24.3	26.3	28.4	25.3	25	28.9	23.8	86	89	78	66	87	89	3.6
29	60.01	61.17	61.25	59.82	60.95	62.22	24.2	24.2	26	28	26.4	25.2	29.5	23.2	94	94	92	82	92	90	.5
30	60.98	62.05	63.25	61.39	62.37	63.92	24.5	24	26	28.7	26.5	24.4	29.7	23.6	95	97	89	76	88	92	4.3
31	62.81	63.47	64.02	61.62	62.92	64.11	24	23.5	26	29.4	26	24.5	30.4	22.7	91	96	84	71	82	92	1.3
Mean	59.80	60.35	60.98	59.09	59.99	61.03	24.4	24.1	27.6	28.3	25.8	25	29.9	23.3	92.1	94	78.6	76.5	87.1	90	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	338.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	NW	1	W	1	WNW	1	NW	2	NW	1	2	------------	S.-Cu.	7	------------	Cu. NE
2	WNW	1	WNW	1	WNW	0	S	1	Calm	----	Calm	----	8	------------	Cu.-N. NNE	4	------------	Cu. NE
3	Calm	----	WNW	1	E	0	SSE	2	NW	1	NNW	0	6	------------	Cu. NE	4	------------	Cu. NE
4	NW	1	Calm	----	ENE	1	ESE	1	WNW	1	NW	1	10	------------	N. NE	8	------------	Cu.-N. NE
5	NW	1	NW	2	E	2	SSE	1	E	1	Calm	----	5	------------	Cu. NE	8	------------	Cu.-N. E
6	Calm	----	WNW	0	E	2	E	2	E	2	NE	1	7	Ci., Ci.-S. SW	S.-Cu.	7	Ci. SW	Cu. ENE
7	Calm	----	Calm	----	W	1	E	2	E	1	Calm	----	8	------------	Cu.-N. E	9	------------	N. E
8	N	2	N	2	E	1	E	1	E	1	Calm	----	8	------------	N. E	8	Ci.-S. WNW	Cu. E
9	Calm	----	NW	1	E	2	W	0	E	1	E	1	2	------------	S.-Cu.	9	------------	N. E
10	E	1	E	1	EbyN	2	E	2	WNW	1	Calm	----	2	------------	S.-Cu.	3	------------	Fr.-Cu. E
11	NW	1	WNW	1	ENE	1	ESE	1	E	1	Calm	----	7	------------	Cu. E	8	------------	Cu. E
12	Calm	----	WNW	0	E	0	SSE	1	Calm	----	Calm	----	2	------------	Cu. E	8	------------	Cu.-N. E
13	NW	1	WNW	1	NW	1	ESE	1	E	1	WNW	1	3	Ci.-S. SW	Cu.	8	------------	Cu. E
14	NW	1	WNW	1	WNW	1	S	1	E	1	Calm	----	8	------------	Cu.-N. E	8	------------	Cu. E
15	Calm	----	Calm	----	E	0	E	2	Calm	----	Calm	----	7	Ci.-S. SW	Cu. E	10	------------	N. E
16	WNW	1	WNW	1	WNW	1	S	0	E	1	WNW	1	8	Ci.-S. SW	Cu.	6	Ci. WSW	Cu. ENE
17	NW	1	NW	2	WNW	1	NW	2	NW	1	NW	1	8	------------	Cu.-N. NE	5	------------	Cu. NE
18	NW	1	NW	1	W	0	SSE	1	W	1	WNW	1	7	Ci. SW	S.-Cu.	5	------------	Cu. E
19	ESE	1	Calm	----	WNW	1	SE	1	Calm	----	ESE	1	10	------------	Cu.-N. NE	10	------------	N. E
20	ESE	1	WNW	1	E	1	E	3	ENE	1	NW	1	9	------------	Cu. ENE	10	------------	N. ENE
21	NW	1	N	1	WNW	1	E	0	Calm	----	NW	1	10	------------	N. NE	8	Ci.	Cu. ENE
22	NW	0	NW	1	NW	1	Calm	----	Calm	----	Calm	----	6	Ci.	Cu. E	10	------------	N. E
23	NW	1	NW	1	NW	2	WNW	1	N	1	N	1	9	------------	Cu.-N. ENE	8	Ci.	Cu.-N. ENE
24	NW	1	NW	1	NW	2	WNW	2	NW	2	NW	2	10	------------	N. ENE	10	------------	Cu.-N. N
25	NW	2	WNW	2	NW	3	WNW	2	WNW	1	WNW	1	10	------------	Cu.-N. NW	8	Ci. E	Cu. WNW
26	Calm	----	Calm	----	NW	1	Calm	----	WNW	1	Calm	----	8	Ci.-Cu. E	S.-Cu.	9	------------	Cu.-N. WNW
27	Calm	----	Calm	----	NW	1	NW	3	NW	1	NW	1	8	Ci.-S.	Cu. NW	8	------------	Cu.-N. NW
28	NNW	0	NW	1	WNW	1	NW	2	WNW	1	NW	1	7	Ci.-S. NE	S.-Cu.	8	Ci. NE	Cu. NE
29	NW	1	NW	1	NW	1	SSE	1	SSE	1	NW	1	10	------------	N. NE	8	------------	Cu. ESE
30	NW	1	Calm	----	SE	1	SSE	1	Calm	----	Calm	----	7	Ci. W	S.-Cu.	8	Ci. W	Cu. ESE
31	NW	1	NW	1	Calm	----	ESE	1	ESE	1	NW	1	8	Ci.-S.	Cu. ENE	8	Ci. SW	Cu. E
Mean	------	0.7	------	0.8	------	1.1	------	1.3	------	0.9	------	0.6	7.1	------------	------------	7.7	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.65	59.80	60.71	58.37	59.25	60.52	24.6	25.2	28.4	29.4	26	24.6	30.9	23.8	93	89	81	76	91	92	12.7
2	59.01	59.25	60.08	57.43	58.08	59.18	24.3	24.7	27.5	28.7	26.3	25.5	31	24.1	92	92	81	79	87	84	------
3	58.71	58.82	59.86	57.98	58.91	59.96	25	24.9	27.9	28.7	26.1	26.1	30.8	24.5	88	88	89	80	88	90	------
4	58.96	59.36	60.91	59.86	59.87	60.47	25.6	25.6	25.7	26.2	25.5	25.4	27.9	24.7	91	91	94	89	89	92	6.1
5	59.47	59.51	60.61	58.84	59.28	60.85	25.1	25.2	26.5	27.7	25.7	23.7	30	23.1	92	92	88	84	90	94	3
6	59.80	59.76	60.02	57.98	58.33	59.24	23.4	24	27.4	28	26.1	25.7	30.2	23.1	95	97	76	77	86	86	------
7	58.80	58.91	60.28	58.02	58.73	59.68	25.1	25.2	27.7	28.1	25.7	25.4	30.4	25	90	87	78	77	84	89	.3
8	59	59.24	60.43	58.30	59.20	60.24	25	23.8	28.4	29.7	26.9	24	31.7	23	89	94	73	68	86	97	23.2
9	58.75	58.54	59.90	58.07	58.20	58.96	24.7	25	28.4	28.3	27	26	30.7	24.1	94	95	82	82	88	94	6.4
10	58.49	58.62	59.97	57.65	58.35	59.14	25	24.7	28.8	29	26.4	25.5	31	24.6	98	98	78	71	88	93	1
11	58.93	59.40	60.50	58.61	59.06	60.01	25.6	24.1	27.7	28.9	25.3	22.6	30.8	22.2	93	91	73	67	79	89	------
12	60.03	60.05	61.05	58.83	59.65	61.09	22.9	23.6	27.7	28.7	25.4	23.2	30.6	22.4	89	86	68	62	77	85	------
13	60.29	60.98	61.93	59.38	59.91	60.73	22.7	21.5	27.8	28.5	25.6	23.8	30.5	21.2	88	97	67	72	79	91	.5
14	60.19	60.70	61.72	59.81	60.81	61.69	23.6	23.5	28.6	29	25.5	23.1	30.9	22.9	94	96	72	68	78	90	9.9
15	61.33	61.58	62.56	60.07	61.33	62.39	23.1	23.9	28.6	29.8	26	24	30.8	23	94	96	73	66	84	91	2.5
16	61.55	62.28	63.36	60.50	60.89	61.72	23.5	21.6	28.4	29.7	25.6	23	31.2	21.5	93	98	71	70	80	91	------
17	60.90	61.30	62.08	60.02	60.43	61.08	21.5	20.6	28.4	29.2	26.2	23.4	31.2	20.5	91	97	72	67	79	92	------
18	60.98	61.20	62.28	59.91	60.34	61.47	21.8	21.6	27.7	30	26.2	24.5	31.8	21.2	96	97	79	68	82	90	------
19	60.80	60.95	62.42	60.03	60.94	61.82	24.2	22.6	27.6	28.9	25.8	24.2	31.2	22.5	89	97	76	67	84	95	4.6
20	61.35	62.20	62.74	60.20	60.09	61.43	24.6	24.2	26.6	28.9	25.4	24.1	30.8	23.2	87	89	83	72	88	92	2.8
21	61.25	61.41	62.52	60.48	60.36	61.29	24.1	22.2	28	29.6	25.7	23.1	31.3	22.2	91	97	77	70	82	90	------
22	61.29	61.56	62.96	61.60	61.03	62.12	22	22.4	27.4	29.4	26.5	24.1	31.2	21.7	97	96	80	70	82	91	------
23	61.95	62.41	63.28	60.92	61.03	61.49	23.8	22.7	28.4	29.5	26.5	25.8	31	22.6	91	91	69	68	80	88	------
24	61.03	61.88	62.63	60.58	61.13	61.88	24.7	24.2	28	29.2	26.6	24.8	31.2	24.2	91	91	77	65	83	93	3
25	61.67	62.68	63.61	61.81	62.13	63.02	24.2	24.1	28.4	29.5	26.7	24.2	31	24	94	92	75	71	80	97	7.1
26	62.04	63.28	64.09	61.69	62.08	63.28	25.4	22.7	26.4	28.2	25	25.1	30.8	22.3	88	96	81	77	92	86	17
27	62.70	63.65	64.31	61.88	62.67	64.13	23.3	22.9	26.5	27.9	25.3	24	29.7	22.6	90	91	74	82	68	69	1.8
28	62.55	62.77	64.23	62.03	62.21	63.27	23.9	23.8	27.1	27.2	25.9	25.2	30.2	23.5	72	73	66	71	74	73	------
29	62.35	62.54	63.73	61.76	61.88	63.22	24.6	24.8	26	27.1	26.1	25.6	29	24.5	79	79	78	73	82	78	------
30	62.49	62.82	64.14	62.72	62.38	63.95	25.3	25	25	23.5	24.5	24.1	27.3	23.3	79	79	88	96	88	80	21
31	63.53	63.33	64.54	62.14	62.48	64.04	22.5	23.4	24.6	27.3	25.2	24.4	29.4	22.5	90	91	92	71	79	84	7.2
Mean	60.64	60.99	62.05	59.92	60.36	61.40	24	23.7	27.5	28.5	25.9	24.5	30.5	23	90.3	91.7	77.8	73.4	83.1	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	130.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	NE	NE	NE	56.3	62.5	51.8	50.4	221	7	Ci.	N. NE	5	Ci.	Cu. ENE
2	Calm	NE	NE	NE	Calm	NE	28.2	68.9	52.8	59.7	209.6	8	Ci.	Fr.-N. NE	3	Ci.	Cu. ENE
3	NE	NE	NE	NE	NE	NE	42	60.2	55	38.3	195.5	8	Ci.	N. NE	7	Ci.	Cu. NE
4	NE	NE	NE	NE	NE	NE	57.3	80.3	64.2	52.1	253.9	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
5	NE	NE	NE	NE	ENE	Calm	56.8	65.4	93.8	43.1	259.1	9	Ci.-S.	N. NE	8	Ci.-S.	N.-cf. NE
6	Calm	NE	NE	NE	NE	NE	27.2	53.6	50.4	52.6	183.8	8	Ci.-S.	N.	8	Ci.	Cu. NE
7	NE	NE	NE	NE	NE	NE	43.5	60.6	60.6	50.2	214.9	9	Ci.-S.	N. NE	9	Ci.-S.	N.-cf. NE
8	NE	Calm	E	ENE	Calm	Calm	34.6	56.5	49.9	20.4	161.4	9	Ci.-S.	Fr.-N. NE	7	Ci.	Cu.
9	Calm	N	NE	NNE	NNE	NE	5.3	48.6	48.9	40.7	143.5	9	Ci.-S.	N. N	9	Ci.-S.	Fr.-N. NE
10	SSW	S	E	E	Calm	Calm	28.7	31.4	59.5	17.5	137.1	10	Ci.-S.	N. E	4	Ci.	Cu. E
11	NE	Calm	E	NE	Calm	Calm	52.9	54.7	68.6	6.4	182.6	6	Ci.	N.-cf. E	2	Ci.	Cu.
12	SE	E	E	E	Calm	Calm	43.3	63.3	55.3	12.3	174.2	3	Ci.	N.	7	Ci.	Cu.
13	Calm	Calm	E	ENE	Calm	Calm	8.9	26	56.5	9.7	101.1	7	Ci.-S.	N.-cf. E	6	Ci.	Cu.
14	Calm	Calm	E	E	Calm	Calm	13.9	36.4	61.4	4.2	115.9	8	Ci.	N.-cf. E	2	Ci.	Cu.
15	Calm	Calm	NE	NE	Calm	Calm	9.9	28.7	48	5.4	92	9	Ci.-S.	N. E	6	Ci.	Cu. NE
16	Calm	Calm	E	ENE	Calm	Calm	5.4	32.2	56	7.5	101.1	5	Ci.	Cu.	3	Ci.	Cu. E
17	Calm	Calm	E	NE	Calm	Calm	3.8	30.4	47.8	5.3	87.3	5	Ci.	Cu.	4	Ci.	Cu.
18	Calm	Calm	NE	NE	Calm	Calm	4.3	20.9	48.6	3.2	77	7	Ci.	N.-cf. NE	8	Ci.	Cu.
19	Calm	Calm	NE	NE	Calm	Calm	2.1	37	48	7.5	94.6	5	Ci.	N.-cf. E	4	Ci.	Cu.
20	ENE	E	E	E	Calm	Calm	38.6	46.5	63.6	15.8	164.5	9	Ci.-S.	Fr.-N. E	4	Ci.	Cu. E
21	SW	Calm	NE	NE	Calm	Calm	14.5	28.4	57.4	5.8	106.1	2	Ci.	Cu.	3	Ci.	Cu.
22	Calm	Calm	NE	NE	Calm	Calm	4.5	30.9	49.3	7.5	92.2	9	Ci.	Fr.-N. E	4	Ci.	Cu. NE
23	SW	Calm	NE	NE	Calm	NE	29	47.2	49.4	35.6	161.2	6	Ci.	Cu.	5	------------	Cu. NE
24	NE	Calm	ENE	NE	Calm	E	30.6	51.2	44.9	43.3	170	8	Ci.-S.	N.-cf. NE	6	Ci.	Cu. NE
25	NE	Calm	NE	NNE	NE	ENE	40	54.5	64.6	81.3	240.4	4	Ci.	Fr.-Cu. NE	7	Ci.	Fr.-Cu. NE
26	E	E	E	NE	NE	NE	59.2	85.5	49.3	55	249	9	Ci.-S.	Fr.-N. NE	7	Ci.-S.	N.-cf. NE
27	ENE	ENE	ENE	NE	NE	NE	93.8	116.9	105.6	81.3	397.6	10	Ci.-S.	N. NE	7	Ci.-S.	Cu. NE
28	NE	NE	NE	NE	NE	NE	92.3	100.8	96.8	76.4	366.3	9	Ci.-S.	N. NE	9	Ci.-S.	N. NE
29	NE	NE	NE	NE	Calm	NE	75.8	67.9	47	61.4	252.1	9	Ci.	Fr.-N. NE	10	Ci.-S.	N.
30	NE	NE	NE	NE	Calm	Calm	84.5	-----	-----	-----	------	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
31	NE	ENE	ENE	ENE	NE	NE	-----	-----	-----	-----	------	9	Ci.-S.	Fr.-N. NE	7	Ci.-Cu.	Cu. NE
Mean	------	------	------	------	------	------	36.2	53.4	58.8	32.8	179.5	7.6	------------	------------	6.2	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.95	62.95	64.75	62.94	63.07	64.19	23.8	24.1	26.8	27.7	25.4	24.4	29.9	23.5	86	86	78	72	77	72	0.3
2	63.04	63.12	64.33	61.66	61.54	62.72	24	24.2	27.4	27.9	26.5	25.6	30.2	23.8	75	80	70	69	80	75	------
3	61.19	61.18	62.81	60.34	60.48	61.95	24.4	24.6	27.5	26.6	26.1	25.5	29.3	24.2	82	82	73	81	79	76	.8
4	60.80	60.89	61.77	59.52	60.04	60.83	24.8	24.2	27.8	26.5	23.5	24.8	30	23.4	79	90	76	80	91	83	2.3
5	60.60	60.83	61.98	59.87	60.19	61.35	25	24	27.9	28.9	26.1	25.4	30.3	23.6	83	92	79	74	87	88	1.8
6	60.45	60.68	61.82	60.27	60.65	61.87	24.5	24.2	27	27.8	25.5	25	30.3	24	94	94	81	80	89	95	1.3
7	61.03	61.23	62.18	60.15	60.28	61.73	24.8	24.1	27.8	28.7	25.9	23.7	30.6	23.7	93	95	75	66	82	91	------
8	60.79	60.49	61.87	60.06	60.09	61.01	24	22.5	27.4	28.4	26	25.2	30.4	22	90	91	69	66	80	90	------
9	60.85	61.01	62.23	60.21	60.14	60.93	23.7	22.3	27.5	28.9	26.2	23.4	30.8	22.2	90	94	73	61	79	91	------
10	60.69	61.31	62.43	60.31	60.64	61.89	22.2	22.4	28.7	28.7	26.4	25.5	31.4	21.9	92	93	69	71	77	87	------
11	60.94	61.07	62.52	60.80	61.03	61.94	25.3	25.2	28	29.6	26.5	25.5	31.4	25.2	88	87	74	69	80	85	------
12	61.05	62.29	63.24	61.19	61.37	62.34	25.1	24.2	26.6	26.1	23.5	23.6	28.5	23.4	88	86	76	84	92	92	5.6
13	61.59	61.71	63.24	60.94	61.84	63.15	23.6	23.4	24	26	24.5	23.6	27	23.1	93	94	96	79	84	90	5.6
14	62.88	63.20	64.36	62.37	62.81	64.23	23	22.7	26.1	27.1	25.6	24.6	29	22.5	90	89	82	78	79	87	.3
15	63.12	63.06	64.23	62.36	62.84	64.29	24.1	23	27	28.5	26.2	23.6	29.8	23	87	88	74	70	76	81	------
16	63.44	63.95	65.25	62.77	62.31	63.19	22.5	21.4	27.5	29	26	23.8	29.5	21.4	88	95	73	68	81	82	------
17	62.35	62.39	63.48	61.02	60.98	62.13	24.6	24.5	28	28.5	26.5	24.6	29.7	23.4	80	84	70	70	66	77	------
18	61	60.94	62.32	59.70	59.52	60.87	22.5	21	27.3	29.3	26.4	24.1	30.6	20.9	87	91	64	52	77	79	------
19	59.94	60.06	61.49	59.23	59.53	60.59	23.6	23	28.5	29	27	26	30	22.8	82	87	70	68	80	81	------
20	59.43	59.10	59.97	58.10	58.36	59.82	25.1	24.5	28.5	27.6	26.2	24.6	30.2	24.3	83	87	75	81	86	92	------
21	59.16	59.20	59.97	57.91	58.49	59.75	24.5	24.4	28.5	29.2	27	24.5	30.5	23.4	92	93	75	70	85	96	.8
22	58.82	58.65	59.66	57.63	57.70	59.13	24.4	24.5	28.4	30.1	26.4	24.6	31.4	24.3	97	97	78	71	84	92	------
23	58.75	58.92	59.84	57.52	57.60	59.19	23.5	23.2	28.4	28.5	26	24	30.9	23	94	95	75	74	77	91	------
24	58.45	58.90	59.87	58.46	58.78	60.08	24.5	22.8	27.7	29.1	25.4	24	30.4	22.8	83	91	76	74	93	99	11.7
25	59.52	59.65	60.97	59.02	59.10	60.17	23.9	24.6	27.7	28.9	26.8	24.5	30	23	99	95	79	71	86	95	------
26	59.20	59.32	60.83	58.84	58.86	59.78	24.4	23	27.7	29	26.2	24.5	30.4	23	96	96	75	68	79	87	------
27	59.43	59.82	60.62	58.38	58.04	59.15	22.8	21.2	28.6	29.2	26.5	25	31.3	21	95	95	64	66	77	88	------
28	59.02	58.91	60.42	58.74	59.05	60.24	24.3	24	27.6	28.3	25.6	25.4	31.3	24	89	91	84	76	88	88	1.5
Mean	60.73	60.89	62.09	60.01	60.19	61.38	24	23.5	27.6	28.3	25.9	24.6	30.2	23.1	88.4	90.6	75.1	71.8	81.8	86.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	32

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	-----	-----	-----	-----	-------	8	Ci.-S.	N. NE	7	Ci.	Cu. NE
2	NE	NE	NE	NE	Calm	NE	-----	-----	-----	-----	-------	9	Ci.-S.	Fr.-N. NE	7	Ci.-S.	Cu. NE
3	NE	ENE	NE	NE	NE	NE	-----	-----	-----	-----	-------	9	Ci.-S.	N. NE	9	Ci.-S.	N. NE
4	Calm	Calm	NE	NE	Calm	NE	-----	-----	-----	-----	-------	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
5	NE	NE	NE	NE	NE	NE	-----	-----	-----	41.6	-------	10	Ci.-S.	N. NE	7	Ci.	Cu. NE
6	NE	NE	NE	NE	NE	NE	42.9	55.8	80.5	46.2	225.4	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	N.-cf. NE
7	NE	NE	NE	E	Calm	Calm	53.4	66	64.4	16.1	199.9	9	Ci.-S.	N.-cf. NE	3	Ci.	Cu. E
8	NE	NE	ENE	ENE	Calm	Calm	33.2	56.3	55.2	13.1	157.8	6	Ci.	Fr.-N. NE	7	Ci.-S. NE	Cu. NE
9	NE	Calm	E	E	Calm	Calm	24.9	46.5	67.9	4.5	143.8	5	Ci.	Cu. E	3	Ci.	Cu.
10	Calm	Calm	NE	NE	NE	Calm	7.8	34	61.2	17.5	120.5	8	Ci.-S.	N.-cf. E	2	------	Cu.
11	Calm	NE	NE	ENE	Calm	NE	35.4	61.8	54.2	51.5	202.9	9	Ci.-S.	N. NE	3	Ci.	Cu. ENE
12	NE	NE	NNE	ENE	NE	NE	61	71.3	95.2	98.4	325.9	2	------	Cu.-N.	10	------	N.
13	NE	NE	NNE	NE	ESE	E	80.5	-----	-----	60	-------	10	------	Cu.-N.	9	Ci.-S.	Cu.-N.
14	Calm	ENE	ENE	NNE	E	E	47.3	43.1	53.9	66	210.3	10	------	N. ENE	10	------	Cu.-N. ESE
15	ENE	E	NNE	NNE	Calm	Calm	38.3	82.9	-----	18	-------	4	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N. E
16	Calm	Calm	ENE	NE	Calm	ENE	17.4	58.4	50.4	21.7	147.9	0	Ci.	S.-Cu.	0	Ci.	Cu. E
17	NE	NE	NE	NNE	E	NE	59	83.7	59.5	77	279.2	10	------	Cu.-N. E	7	Ci.-S.	Cu.-N. ENE
18	E	Calm	ESE	ENE	Calm	ENE	36.4	65.2	71.4	36.5	209.5	0	Ci.	Cu.	0	------	Cu.
19	ENE	ENE	ENE	NNW	Calm	ENE	53.4	69	47.2	40.8	210.4	0	Ci.	Cu.-N.	0	------	Cu.
20	Calm	ESE	ENE	NNW	N	NE	43.5	61.4	77	38.6	220.5	9	------	Cu.-N. E	9	------	Cu.-N.
21	Calm	Calm	ENE	ENE	Calm	Calm	27.9	54.7	63.1	17.9	163.6	10	------	Cu.-N. ENE	1	A.-Cu.	Cu.
22	Calm	Calm	E	ENE	Calm	Calm	8.6	58.7	70.8	4.8	142.9	10	------	Cu.-N.	5	A.-Cu.	Cu. E
23	Calm	Calm	E	ESE	Calm	Calm	17.9	66.3	77.7	20.1	182	2	------	Cu.-N. E	1	------	Cu.
24	NE	Calm	NE	NNE	NNE	NNW	45.7	47.2	50.2	51.8	194.9	0	Ci.	Cu.	9	------	Cu.-N.
25	Calm	NE	E	E	N	Calm	19.6	79.5	62.8	9.5	171.4	10	------	Cu.-N. E	1	A.-Cu.	Cu. E
26	Calm	Calm	NE	NE	Calm	NE	15.5	45.9	45.4	18.2	125	8	------	S.-Cu.	2	Ci.	Cu. NE
27	Calm	Calm	NE	NE	Calm	Calm	9.7	25.7	44.9	31.6	111.9	3	Ci.	N.	5	Ci.	Cu.
28	NE	NE	NE	NE	Calm	NE	53.9	57.9	49.1	49.1	210	8	Ci.	N.-cf. NE	8	Ci.-S.	Cu. NE
Mean	------	------	------	------	------	------	36.2	58.7	62	35.4	188.4	6.7	------	------	5.3	------	------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.01	60.42	61.93	59.71	59.93	61.26	24.1	23.8	27.6	29.4	26.7	25.9	31	23.6	97	97	78	72	82	85	------
2	60.13	60.48	61.48	59.72	59.48	60.18	23.6	24.1	27.1	24.8	25	24.6	29	23.5	99	96	81	90	92	88	------
3	59.68	59.65	60.92	58.78	58.62	59.94	24.8	24.4	28.3	29.2	27	26.2	30.4	24	85	88	75	72	77	82	------
4	59.46	59.69	60.92	58.27	58.29	59.61	24.2	24.7	27.8	29.2	27	25.8	31.7	24	90	86	75	72	82	88	------
5	58.72	59.06	60.28	58.06	58.15	59.41	24.8	23.6	29	29.6	27.5	25.4	31.7	23.4	85	94	69	67	70	85	------
6	58.34	58.74	59.91	58.16	58.29	59.84	25.2	24.9	28.7	30.5	27.1	25.9	31.7	24.6	92	92	77	63	83	93	------
7	58.89	58.65	59.61	57.23	57.84	58.60	25.6	24.5	28.6	30.3	27.4	25.5	32.7	24.2	93	92	76	66	77	92	------
8	57.75	57.68	58.75	56.96	56.74	57.86	24.5	23.7	27.6	30.4	27.5	25.6	31.9	23.2	96	95	81	70	84	92	------
9	57.11	57.14	58.16	56.23	56.26	57.76	25.2	25.1	29	30.6	28.6	26.3	32.4	25	94	96	78	68	73	86	------
10	57.04	57.92	59.26	57.83	57.92	59.55	25.5	25	29.5	30.6	27.2	26.4	32.3	24.9	89	92	69	63	78	85	------
11	58.69	59.10	59.80	57.88	57.99	59.09	24.4	23.8	29.2	29.9	26.7	25.4	32.2	23.8	97	90	70	66	86	91	------
12	58.49	59.10	59.56	57.56	57.44	58.73	24.5	23.4	29.5	30.2	27.4	24.8	32.2	23.3	89	97	75	70	78	92	------
13	58.06	58.92	59.80	57.53	57.74	58.92	23.5	22.8	29.2	30.7	27.1	24.2	32.6	22.5	94	97	73	70	79	92	------
14	58.21	59.06	60.26	58.31	58.48	60.33	22.9	22.9	29.8	30.5	27.4	25.9	32.3	22.8	96	94	73	69	81	88	------
15	59.75	59.88	60.52	58.70	58.26	59.73	24.5	23.3	27.7	30.3	27.9	26.5	32.8	23.2	89	94	79	67	71	79	------
16	59.20	59.50	60.62	58.30	58.28	59.83	25	24.4	28.4	30.4	27.7	26.5	32.5	23.8	84	85	68	60	75	82	------
17	59.23	59.55	60.13	57.83	57.83	59.19	25.8	24.6	28	30.2	27.6	26.7	32.7	24.5	91	87	74	61	76	80	------
18	58.83	59.45	60.10	58.65	58.13	59.30	25.7	24.7	28.7	31.2	27.4	25.5	32.6	24.2	84	89	70	51	71	84	------
19	58.26	58.80	59.93	58.08	58.29	59.51	25.8	24.9	28	29.7	27.5	26.7	31.6	24.7	86	87	77	67	77	78	------
20	58.74	59.14	60.81	58.70	58.33	59.92	25.7	24.4	27.9	29.9	27.2	24.8	32.1	24.3	83	91	77	63	73	89	------
21	58.92	58.91	59.78	57.46	57.60	58.87	24.6	23.9	28.6	31.1	26.3	23.1	32.6	22	85	89	64	54	73	87	------
22	58.03	58.48	59.81	58.19	57.79	58.84	20.8	20	28.8	30	27	24	32.2	20	90	95	76	65	77	90	------
23	57.91	58.07	59.16	57.27	57.71	59.29	23.1	23.2	28.9	30.4	27.5	25.1	32.7	22.8	97	96	71	57	69	87	------
24	58.75	59.46	60.80	59.16	59.04	60.42	24.9	23	28.8	30.5	26	24.2	33	22.9	84	96	74	59	77	86	------
25	59.97	60.40	61.51	59.73	59.17	60.62	23.2	22.4	28.8	30.2	27.1	25.6	32.8	22.3	91	93	69	67	72	84	------
26	59.53	59.88	61.52	59.38	59.15	60.28	25.3	25.1	28.4	29.8	27.2	26	32.8	25.1	85	86	70	63	72	79	------
27	60.33	60.88	61.51	59.21	59.57	61.49	23.8	22	28.7	29.8	28	24.9	32	21.8	90	91	64	69	74	88	------
28	60.55	60.83	61.71	59.92	59.83	60.94	23.7	22.1	28.9	30.2	26.7	24.5	31.9	21.9	85	96	69	64	80	96	5.3
29	60.07	60.60	61.43	59.48	59.42	60.94	24.4	24.3	28.5	30.4	26.9	24.9	32.3	24.3	95	97	76	56	75	84	.3
30	59.99	60.29	61.78	59.87	59.71	60.98	25	24.3	28.5	30.2	27.4	25.7	32.2	24	82	84	64	58	74	84	------
31	60.12	60.25	61.38	58.93	58.93	60.34	25.3	25.4	28.9	30.3	27.7	25	32.8	25	86	84	67	60	66	88	------
Mean	58.99	59.35	60.42	58.42	58.39	59.73	24.5	23.8	28.6	30	27.2	25.4	32.1	23.5	89.8	91.8	72.9	65.1	76.6	86.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ENE	ENE	N	N	NE	27.9	46.7	48.6	35.1	158.3	10	Ci.-S.	N. E	5	Ci.	Cu. NE
2	Calm	NE	NE	NE	NE	NE	21.5	87.5	68.4	62	239.4	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	N. NE
3	NE	NE	NE	NE	Calm	NE	45.6	65.5	48.8	44.6	204.5	8	Ci.-S.	N. NE	3	------------	Cu.
4	NE	ENE	E	ENE	Calm	ENE	59	75	66.3	36	236.3	7	Ci.	N.-cf. NE	6	Ci.	Cu.
5	ENE	ENE	ENE	NE	E	Calm	40.5	67.3	72.2	28.8	208.8	3	Ci.	Cu. NE	2	Ci.	Cu.
6	ENE	ENE	ENE	ENE	NE	Calm	42.6	60	62.8	21.7	187.1	8	Ci.	Fr.-N. E	2	------------	Cu.
7	ENE	Calm	ENE	E	E	Calm	38.8	51.2	75.1	13.1	178.2	3	Ci.	Cu. E	8	Ci.-S.	Cu.
8	Calm	Calm	NE	NE	Calm	Calm	2.6	31.2	56	2.2	92	3	Ci.	N.-cf.	7	Ci.	Cu. E
9	Calm	Calm	ENE	NE	E	Calm	13.5	55	78.6	20.7	167.8	8	Ci.	Fr.-N.	3	Ci.	Cu.
10	Calm	E	E	E	Calm	E	35.2	71.4	84	24.3	214.9	6	Ci.	N. E	2	Ci.	Cu.
11	NE	Calm	E	ENE	NE	Calm	30.4	61.4	67.1	6.4	165.3	4	------------	Cu.-N. ENE	2	Ci.	Cu.
12	Calm	Calm	NE	NE	Calm	Calm	5	41.6	56.9	7.7	111.2	4	Ci.	Cu.-N. NNE	1	------------	Cu.
13	Calm	Calm	NE	NE	Calm	Calm	2.7	40.4	56.3	3.5	102.9	3	Ci.	Cu.	5	Ci.	Cu. NE
14	Calm	Calm	NE	NNE	Calm	ENE	3.2	36	50.9	19	109.1	7	Ci.	Cu.-N. E	6	Ci.	Cu. ENE
15	Calm	Calm	E	E	E	E	11.9	66	87.4	87.4	252.7	3	------------	Cu.	3	------------	Cu. E
16	ENE	NE	E	E	Calm	ENE	43.1	78.7	69.4	37.3	228.5	3	Ci.	N. NE	2	Ci.	Cu.
17	ENE	E	E	E	Calm	ENE	59.8	70	72.7	34	236.5	8	Ci.	Fr.-N. E	8	Ci.-S.	Cu.
18	E	Calm	E	E	Calm	ENE	40.7	60.7	76.4	19.6	197.4	6	------------	Cu.-N. E	3	Ci.	Cu.
19	NE	ENE	ENE	ENE	Calm	E	56.1	64.2	83.5	36.4	240.2	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	Fr.-N. E
20	Calm	NE	NE	ENE	Calm	Calm	7.8	74.2	79.2	7.5	168.7	6	Ci.	N. NE	7	Ci.-S.	Cu.
21	Calm	Calm	ENE	ENE	Calm	Calm	20.4	73	58.1	4.2	155.7	8	Ci.	N.-cf.	5	Ci.	Cu.
22	Calm	Calm	NE	NE	NE	Calm	5.3	39.7	65.4	8.2	118.6	5	Ci.	Cu.	6	Ci.	Cu.
23	Calm	Calm	ENE	E	Calm	E	6.2	76.7	79.1	16.6	178.6	7	Ci.	N.-cf. E	1	------------	Cu.
24	Calm	Calm	E	E	Calm	Calm	5.3	74.5	78.3	9.5	167.6	6	------------	Fr.-N. E	2	Ci.	Cu.
25	ENE	Calm	E	NE	Calm	ENE	27.1	63.4	55.5	41.5	187.5	1	------------	Cu.	3	------------	Cu. E
26	ENE	ENE	ENE	E	NE	E	69	76.7	76.9	58.2	280.8	6	------------	N.-cf. E	7	------------	Fr.-Cu. E
27	E	Calm	E	ENE	Calm	Calm	25.7	66.6	55.7	8	156	2	Ci.	Cu. E	4	------------	Fr.-Cu. E
28	Calm	Calm	ENE	NE	Calm	NE	3.8	51.2	65.4	31.2	151.6	5	Ci.	Cu. E	8	Ci.-S.	N.
29	ENE	E	ENE	E	Calm	E	43.8	74	75.9	19.8	213.5	8	Ci.	Fr.-N. E	2	Ci.	Cu.
30	E	E	E	E	Calm	E	57.3	91.5	68.6	47	264.4	3	Ci.	Fr.-Cu.	7	Ci.-S.	Cu.
31	E	E	E	E	Calm	Calm	52.3	68.7	79.1	16.9	217	9	------------	N. E	7	Ci.	Cu.
Mean	------	------	------	------	------	------	29.2	63.2	68.3	26.1	186.8	5.8	------------	------------	4.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,791.1	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a, m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.84	60.08	60.99	58.96	59.16	60.08	24.8	23.6	28.7	30.8	27.3	25.1	32.4	23.3	85	91	71	61	81	88	------
2	59.44	59.81	60.54	57.94	58.14	59.41	23.5	23.6	28.6	30.8	27	26.5	32.5	22.5	94	91	71	59	77	82	------
3	58.95	59.03	60.12	58.25	58.37	59.93	24.2	24.7	29.2	29.2	26.9	23.8	31.8	23	94	83	66	66	77	85	------
4	59.19	59.45	60.60	58.63	58.70	60.90	24.7	23.9	28.6	30.8	27.3	24.9	32.5	22.8	86	91	71	51	75	88	------
5	59.92	59.96	61.02	58.80	58.51	60.63	25.2	23.2	27.4	29.2	26.3	23.5	31.4	23	87	90	68	57	77	89	1
6	59.24	59.21	60.22	58.10	57.72	59.27	24.2	23.1	27.3	28.3	27.2	25.2	31.3	23	85	95	78	72	73	90	9.4
7	58.54	58.61	59.50	57.77	58.03	59.83	24.6	23.1	27.5	30.8	27	25	32.4	22.9	91	95	84	64	78	89	1.8
8	58.74	58.54	59.97	58.50	58.77	60.16	24	23.8	28.8	30.7	27.5	23.8	32.3	22.8	97	97	75	55	70	86	------
9	59.40	59.29	60.37	58.71	58.68	60.21	22	22.9	29	30.1	27.5	23.9	32.5	22	96	94	61	58	70	89	.3
10	58.79	59.14	60.47	58.36	57.96	59.65	25	24.9	27.9	29.8	27.7	25.2	32.7	24.3	89	88	72	63	76	86	------
11	58.98	59.11	59.92	57.89	58.22	59.56	24	23.6	29.8	30.5	28.3	24.6	32.8	23	93	95	66	68	74	95	1
12	58.87	58.81	59.95	57.92	58.10	59.98	24.3	24.4	28.8	30.4	27.5	25.8	32.3	24.1	97	97	83	69	82	93	1
13	59	59.25	60.48	57.66	58.65	60.24	25	23.8	26.8	28.6	25.9	24.5	31.2	23.8	95	97	87	75	80	92	------
14	59.36	59.66	60.84	58.59	59.36	60.34	24.1	23.1	29.7	29.9	24.8	23.8	32.8	23.1	91	96	70	73	88	97	.5
15	58.69	59.02	60.10	57.09	59.12	59.69	23.4	22.8	28.8	29.6	24.5	23	32.9	22.8	97	97	80	75	92	97	13.8
16	58.42	58.79	59.49	56.96	57.60	60.05	22.4	22	29.5	29.4	27.3	26.7	32.1	22	96	98	78	80	89	94	9.9
17	58.79	59.48	59.75	57.50	58	60.05	23	23.2	29.3	29.8	27.8	25.9	32.6	23	98	94	76	69	84	95	------
18	59.08	59.45	60.46	58.40	58.95	60.73	24.2	23.8	30.4	29.2	27.4	25.4	32.3	23.6	97	97	68	76	81	93	------
19	59.38	59.24	59.73	58.09	58.46	60.48	24.6	24.2	29.5	30.5	28	26	32.7	23.8	95	95	72	68	70	89	------
20	59.37	59.61	60.50	58.68	58.66	60.42	26	25	30.1	30.9	28.5	26.8	32.8	24.9	88	94	67	60	68	86	1.3
21	59.50	59.90	60.68	58.40	58.51	60.48	26	25.7	30.3	30.2	27.9	25.9	32.8	25.6	90	91	74	67	77	88	------
22	59.57	59.87	60.15	58.54	58.30	59.61	25.5	24.8	29.4	30.9	27.8	26	32.8	24.4	89	93	73	59	74	85	------
23	58.74	59.02	59.52	57.49	57.02	58.48	25.9	25.6	29	30.2	27.9	27	32.8	25.5	85	87	75	68	77	84	------
24	57.65	58.09	58.80	56.64	57.05	58.65	26.2	25	29.7	30.9	28.2	26.8	32.8	24.9	82	88	68	65	76	85	------
25	57.81	58.13	58.44	56.54	56.96	58.59	25.5	25.6	29.8	30.6	28.5	26.8	32.8	25.4	89	88	70	67	70	85	------
26	58.03	58.45	59.44	57.32	57.35	58.77	25.6	24.7	29.2	30.2	27.9	27	32.8	24.6	87	90	71	67	78	86	------
27	57.82	58.09	59.13	57.66	57.67	58.77	26.2	25.9	30	30.7	28.5	26.9	32.8	25.8	86	85	65	62	78	78	------
28	57.81	57.93	58.57	56.71	57.35	58.62	26	26	30.4	30.6	27.6	27.5	32.8	25.4	84	84	72	74	87	84	------
29	57.89	58.29	58.91	56.83	57.10	58.39	26.3	25.8	28.7	30.7	27.8	26.7	32.9	25.7	86	87	76	65	75	83	------
30	57.77	58.08	58.79	56.31	56.58	57.95	25.7	25	30.2	31.2	28.4	25.8	33.3	24.8	88	91	68	61	78	89	------
Mean	58.82	59.05	59.92	57.84	58.10	59.66	24.7	24.2	29.1	30.2	27.4	25.5	32.5	23.9	90.6	92	72.5	65.8	77.7	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	40

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	ENE	ENE	NE	Calm	44.6	76.1	67.3	24.1	212.1	8	A.-Cu.	N.	3	Ci.	Cu. ENE
2	NE	Calm	ENE	ENE	Calm	NE	41.2	61.7	69	31.9	203.8	5	Ci.	Fr.-Cu. ENE	2	Ci.	Cu.
3	NE	NE	NE	NE	Calm	Calm	39.7	93.8	54.4	7.4	195.3	5	A.-Cu.	Cu. NE	7	Ci.-S.	Cu.
4	NE	Calm	NE	E	Calm	Calm	22	65.5	73	20.6	181.1	9	Ci.-S.	Fr.-N. NE	6	Ci.-S.	Cu.
5	NE	Calm	NE	ENE	Calm	Calm	46.4	56	42.3	1.4	146.1	8	Ci.-S.	N.-cf. E	9	Ci.-S.	N.
6	Calm	Calm	NE	NE	NE	NE	13.1	51.3	63.3	28.5	156.2	10	Ci.-S.	N. NE	7	Ci.-S.	Cu.
7	NE	Calm	ENE	NE	Calm	Calm	21.5	49.3	77.9	4	152.7	6	Ci.	Cu. E	4	Ci.	Cu.
8	Calm	Calm	ENE	NE	Calm	Calm	5.3	64.1	69.2	2.6	141.2	8	Ci.-S.	Fr.-N. E	6	Ci.	Cu.
9	Calm	Calm	NE	NE	Calm	Calm	7.7	57.6	51.7	9.7	126.7	4	Ci.	Cu. NE	3	Ci.	------------
10	NE	NE	ESE	ESE	Calm	Calm	33.6	76.9	58.1	9.4	178	9	Ci.	N. NE	8	Ci.-S.	Cu.
11	Calm	Calm	NE	NE	NE	NE	9.1	36.5	57.3	28.4	131.3	8	A.-Cu.	N.	3	Ci.	Cu.
12	Calm	Calm	NNE	NNE	NNE	Calm	4.8	40.2	62.8	3.7	111.5	9	Ci.-S.	Fr.-N. NE	8	Ci.	Fr.-N. NE
13	Calm	Calm	SE	ESE	Calm	Calm	1.6	29.5	43.5	10.7	85.3	8	Ci.-S.	N. NE	8	Ci.-S.	N.
14	Calm	Calm	E	SSE	Calm	Calm	5	32.7	49.7	7.2	94.6	7	Ci.	Cu.	8	Ci.-S.	N. SE
15	Calm	Calm	Calm	NE	SW	SSE	7	------	------	24.7	------	7	Ci.	N.	8	Ci.	Cu. E
16	Calm	Calm	Calm	E	Calm	Calm	8.2	24.7	38	3.7	74.6	8	Ci.-S.	N.	7	Ci.-S.	N. E
17	SE	Calm	NE	NE	ENE	Calm	24.7	32.4	62.5	8	127.6	10	Ci.-S.	N.	8	Ci.-S.	Cu.
18	Calm	Calm	NE	NE	Calm	Calm	13.2	31.6	47.2	3.8	95.8	8	Ci.	N.	9	Ci.-S.	N.
19	Calm	Calm	ENE	ENE	Calm	Calm	4.6	65	57.1	25.9	152.6	8	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu.
20	NE	Calm	NE	NE	Calm	Calm	41.8	60.6	79.2	27.6	209.2	7	Ci.	Cu.N. NE	2	------------	Cu.
21	ENE	ENE	E	E	Calm	Calm	48.6	89	65	18.7	221.3	7	Ci.	Cu.-N. ENE	3	Ci.	Cu.
22	Calm	Calm	E	ESE	Calm	ENE	20.4	74.5	69.4	20.6	184.9	7	Ci.	Fr.-Cu. E	2	Ci.	Cu.
23	ENE	ENE	ENE	ENE	ENE	ENE	52.1	86.4	76.1	61	275.6	5	------------	Cu. ENE	2	------------	Cu.
24	ENE	Calm	ENE	ENE	Calm	ENE	64.1	73	61	51.5	249.6	2	------------	Cu. E	2	------------	Cu.
25	ENE	Calm	ENE	ENE	ENE	ENE	38.8	71.8	80.3	68.2	259.1	4	------------	Cu.-N. E	2	------------	Cu.
26	ENE	E	ENE	ENE	Calm	ENE	46.7	76.7	53.9	56.5	233.8	6	Ci.	Cu. ENE	8	Ci.-S.	Cu. ENE
27	ENE	ENE	ENE	ENE	Calm	ENE	79.5	93	63.6	58.4	294.5	6	Ci.	Fr.-Cu. ENE	2	------------	Cu. E
28	ENE	ENE	ENE	ENE	ENE	NE	55.3	80.5	77.9	58.7	272.4	8	------------	N. ENE	4	------------	Cu. E
29	NE	NE	E	E	E	E	71.3	84.3	79.9	45.9	281.4	8	Ci.	N. NE	8	Ci.-S.	Cu. E
30	ENE	ENE	ENE	E	Calm	Calm	45.6	67.3	61.5	5.3	179.7	4	------------	Fr.-Cu. E	3	------------	Cu.
Mean	------	------	------	------	------	------	30.6	62.1	62.5	24.3	180.3	7	------------	------------	5.3	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.10	57.42	58.46	56.92	56.80	58.36	25.8	25.6	29.3	31	27.2	25.7	33	25.4	89	90	73	69	83	88	------
2	57.85	57.76	58.57	56.96	57.22	58.82	24.3	23.9	29.3	30.2	28.2	26.6	32.8	23.8	97	96	66	66	73	87	------
3	57.92	58.29	59.17	57.91	58.10	59.99	26.1	25.5	29.8	29.1	26.1	24.6	32.5	24.5	89	91	77	74	87	92	2.5
4	58.34	58.07	58.91	56.86	56.82	58.05	24.9	24.8	30	31	29	27.9	33.9	24.4	92	92	73	66	74	78	1.3
5	56.33	56.63	57.18	54.51	54.56	54.85	27	26.4	28	27.6	23.8	25.8	31.4	23.7	84	88	82	76	97	93	38.6
6	51.45	51.02	53.61	53.82	54.66	56.94	24.8	23.5	23.9	23.6	23	23.6	27	22.8	95	98	93	98	97	97	49.5
7	56.06	56.87	58.17	56.65	57.09	59.03	23.5	23.5	26.8	27.5	26.6	24.9	30.3	23.2	97	96	87	77	84	93	.5
8	57.46	57.86	57.91	55.93	57.01	58.82	23.9	23.3	29.8	32.8	27.8	26	35	23.1	96	95	72	57	85	94	------
9	57.20	57.14	57.64	56.10	57.05	58.57	24.5	24.2	30.8	30.5	27.5	25.9	34.7	24	97	97	67	74	88	91	.3
10	57.67	58	58.50	56.75	57.44	59.02	24.8	24.6	31.7	32.3	29	26.5	33.9	24.2	95	95	61	61	76	91	------
11	58.38	58.97	59.23	57.87	58.65	60.17	25.3	25.2	31.5	30.4	29	26.4	34.3	25	97	96	66	76	78	92	3.3
12	59.80	60.07	60.03	57.99	57.99	60.09	25	24.5	31.2	31.2	28.5	27.7	34.9	24.3	96	96	67	74	81	86	23.4
13	59.14	59.54	59.60	56.80	57.65	59.03	24.4	24.6	30.5	31.5	28.7	26.7	33.4	24.4	97	98	74	72	83	93	------
14	58.02	58.49	58.58	56.59	56.86	58.42	24.6	23.7	31.3	31.7	29.2	26.7	33.5	23.4	97	96	73	74	79	92	------
15	57.82	58.69	58.95	57.10	57.80	59.92	24.9	24.7	31.3	32	29.6	25.5	33.9	24.5	96	96	68	70	77	76	------
16	59.23	59.49	59.60	57.20	58.54	60.47	24.3	23.6	29.3	32.4	29.5	24.7	34.3	23.4	89	97	82	64	75	87	------
17	59.94	60.14	60.75	58.56	58.94	60.65	24.2	23.5	31.5	30.5	28.7	26.6	34.2	23	89	91	67	72	80	90	12.4
18	59.46	60.12	60.13	58.44	58.50	60.20	24.6	23.3	30.2	30.5	28.5	25.5	33.2	23.2	93	93	68	68	78	91	.5
19	59.10	59.72	59.98	58.74	58.42	60.03	27	26.6	29.9	26.7	26.6	24.7	31.9	24.2	86	89	76	90	91	94	8.6
20	59.36	59.52	59.85	57.94	57.90	59.68	24.2	24.6	30	30.5	27.5	25.6	32.5	23.5	97	97	69	65	77	95	1.5
21	58.59	58.85	58.85	57.41	57.69	59.44	26.1	25.8	30	30.6	28.4	27.6	32.9	25	87	93	75	65	78	87	.3
22	58.23	58.92	58.84	57.25	57.51	59.10	26.5	24.8	29.5	30.5	28.5	27.2	32.9	24.6	86	97	70	60	78	87	7.6
23	58.24	57.96	57.82	56.81	56.86	57.94	24	24.4	28.9	28.5	28.5	26	31.1	24	98	97	80	82	76	94	15
24	57.56	57.86	58.12	56.85	57.05	58.12	23.9	24	27.9	28.7	27.5	26	31.6	23.7	94	94	87	80	88	94	12.8
25	58.34	59.59	59.31	57.78	58.06	59.45	23.9	23.7	27.5	28.6	27	26	30.3	23.6	97	96	81	80	87	89	.6
26	59.05	59.34	59.42	58.32	58.85	59.87	25	24.6	29.3	28.6	27.6	25.7	31	24.2	96	97	79	78	83	95	1.8
27	59.05	59.52	59.92	57.68	57.55	59.37	25	24.7	27.2	31.4	28.5	26.7	32.9	24.6	96	96	86	63	85	93	2
28	58.24	58.92	58.90	56.37	56.90	58.76	25.3	25.6	29.5	31.5	28.7	25.7	33.3	25.2	97	96	77	66	78	94	------
29	57.85	58.12	58.83	56.82	56.96	59.03	26	25.8	30.3	31.1	28.7	27	33.2	25.5	94	97	68	69	70	88	------
30	58.62	58.94	59.09	57.50	57.65	59.29	25.6	25.7	29.5	31.4	27.6	27.8	33.2	25.4	95	93	77	68	80	84	------
31	58.80	59.18	60.04	57.90	58.08	58.81	27	26.9	30.7	31.6	28.2	26.4	33.3	25.3	87	85	66	65	79	87	.5
Mean	58.07	58.42	58.84	57.11	57.46	59.04	25	24.7	29.6	30.2	27.8	26.1	32.8	24.2	93.4	94.5	74.4	71.6	81.5	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	183

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	ENE	1	ENE	2	ENE	1	Galm	----	Calm	----	7	Ci.	Fr.-N. E	8	Ci.-S.	Cu. ENE
2	Calm	----	Calm	----	ENE	1	ENE	1	NE	1	Calm	----	6	Ci.	Cu. E	7	Ci.-S.	Cu.
3	Calm	----	NE	1	NE	2	NE	1	Calm	----	Calm	----	8	Ci.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
4	Calm	----	NE	1	NE	1	N	1	NW	1	Calm	----	6	------------	Fr.-Cu. NE	8	Ci.	Fr.-N. NE
5	N	1	N	2	NNW	2	NNW	2	NNW	2	NW	4	10	------------	Fr.-N. N	10	Ci.-S.	Fr.-N. NNW
6	W	5	SW	3	S	2	SSE	2	SE	1	S	1	10	------------	N. SW	10	------------	N. S
7	Calm	----	S	1	S	1	S	1	Calm	----	Calm	----	10	------------	N. S	10	Ci.-S.	Fr.-N.
8	Calm	----	Calm	----	S	1	N	1	N	1	Calm	----	5	Ci.	Cu.	7	Ci.	Fr.-N. S
9	Calm	----	Calm	----	SSE	2	N	2	Calm	----	Calm	----	8	Ci.-S.	Cu.	8	Ci.	Fr.-N. SW
10	Calm	----	Calm	----	N	1	NW	1	SSE	1	Calm	----	8	Ci.	Cu. S	6	Ci.-Cu.	Cu.-N. S
11	Calm	----	Calm	----	S	1	NE	1	Calm	----	Calm	----	2	Ci.	N.	7	Ci.	Cu.-N. S
12	Calm	----	Calm	----	SE	1	ENE	1	ENE	1	N	1	8	Ci.	N. SSE	4	Ci.	Cu. SE
13	Calm	----	Calm	----	NE	1	NE	1	Calm	----	Calm	----	4	Ci.	Cu.-N. E	3	------------	Fr.-Cu. SE
14	Calm	----	Calm	----	NE	1	N	1	N	1	Calm	----	3	Ci.	Cu. SE	4	Ci.-S.	Cu.-N.
15	Calm	----	Calm	----	NW	1	NE	1	Calm	----	SE	1	6	------------	Fr.-Cu. SE	2	------------	Cu. SE
16	Calm	----	Calm	----	NNW	1	NNE	1	N	1	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. S
17	Calm	----	Calm	----	NNW	1	ENE	1	Calm	----	Calm	----	2	Ci.	Cu.	8	Ci.-S.	N.
18	NNW	1	NW	1	E	1	ENE	1	Calm	----	Calm	----	9	Ci.-S.	N. SE	6	Ci.	Cu. E
19	NE	1	E	1	ENE	1	SW	1	Calm	----	Calm	----	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	N.
20	Calm	----	Calm	----	ENE	1	ENE	1	Calm	----	Calm	----	3	Ci.	Cu. ENE	4	Ci.	Cu.
21	E	1	Calm	----	E	1	E	2	Calm	----	Calm	----	8	------------	Fr.-N. E	4	------------	Cu. E
22	E	1	Calm	----	E	1	ENE	1	Calm	----	Calm	----	7	Ci.	Fr.-Cu. E	8	Ci.	Cu. E
23	ESE	1	Calm	----	ENE	1	ENE	1	Calm	----	Calm	----	7	Ci.	N.-cf. E	8	Ci.-S.	Cu.
24	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	Calm	----	10	------------	N. ENE	10	Ci.-S.	Fr.-N. ENE
25	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	10	Ci.-S.	N.	10	Ci.-S.	Cu.
26	Calm	----	Calm	----	ESE	1	Calm	----	Calm	----	Calm	----	10	Ci.-S.	N. E	8	Ci.	N.
27	Calm	----	Calm	----	Calm	----	E	1	ENE	1	Calm	----	9	Ci.-S.	N.-cf. E	7	Ci.	Cu. E
28	Calm	----	Calm	----	E	2	ENE	2	Calm	----	Calm	----	10	Ci.-S.	Fr.-N. E	2	------------	Cu.-N.
29	Calm	----	Calm	----	ENE	2	ENE	2	Calm	----	ENE	1	8	------------	N.-cf. E	2	------------	Cu. E
30	Calm	----	Calm	----	E	2	ENE	2	Calm	----	NE	1	7	Ci.	Cu. E	6	Ci.	Cu.
31	ENE	1	ENE	1	NE	2	NE	1	E	2	Calm	----	4	Ci.	Cu. ENE	4	------------	Cu. NE
Mean	------	0.4	------	0.4	------	1.2	------	1.2	------	0.4	------	0.3	7	------------	------------	6.5	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm*
1	58.32	58.69	58.95	57.23	56.92	58.25	25	25.6	30.1	31.5	28.9	27	32.8	25	96	91	68	66	81	91	0.5
2	57.91	58.22	58.39	56.38	57.36	58.90	27	26.7	30.5	31.5	29	27	33.3	26.4	90	90	72	65	81	91	.5
3	57.77	57.99	58.70	56.43	56.97	58.64	25.2	25.3	24.8	27.7	26.9	24.9	29.7	23.4	96	96	90	75	81	92	7.6
4	57.21	57.65	57.88	55.80	56.06	58.15	24.4	24	30	31.6	29.3	26.8	33.3	23.9	96	98	75	67	77	93	1
5	56.45	56.78	56.91	55.24	55.16	57.17	25.3	24	30	30.4	29.4	26.9	33.2	23.8	91	97	75	73	71	89	3.8
6	56.51	57.31	58.34	56.47	56.63	58.09	25.1	24.5	26.9	27.7	27.1	25.5	29.7	24.4	95	98	93	88	98	98	3.6
7	57.29	57.60	57.37	56.08	56.49	57.88	24.7	24.8	30.2	30.5	29.2	26.8	32.5	24.7	95	95	71	67	73	90	------
8	57.31	57.74	58.57	56.67	57.46	58.41	25	25	30	31.5	28.7	27.1	33.4	23.9	95	97	71	65	78	88	5.3
9	58.35	58.96	58.58	56.28	57.29	58.97	25.8	24.3	30.5	30.7	28.6	26.3	32.8	23.4	93	97	72	73	80	91	5.6
10	58.39	59.13	59.39	56.90	57.79	59.36	25.2	24.8	28	31.5	28.8	25.7	33.3	24.7	96	97	79	63	76	95	------
11	58.72	58.99	59.77	57.47	57.43	59.10	25	24.6	29	29.5	27	25.2	31.7	24.4	96	97	78	74	86	92	------
12	58.89	59.15	59.16	56.98	57.34	59.07	24.5	24	30.2	31.5	29.5	26	33.3	23.8	96	98	74	66	75	89	------
13	58.55	59.18	59.60	57.74	58.45	59.91	24.8	24.6	29	30.8	28.8	26.3	32.5	24.4	96	95	81	73	78	95	3.1
14	58.87	59.54	59.22	57.20	57.30	59.57	24.5	23.3	29	30.8	28.8	26.7	32.8	22.2	96	97	77	70	82	86	46.4
15	59.20	59.34	59.42	56.84	57.10	59.63	22.4	22.8	28.5	30.8	28.8	26	32.7	22.3	96	96	85	73	82	89	------
16	58.28	58.64	58.97	57.58	57.36	59.29	25	23.9	28.4	25.6	28.5	25.3	32.7	23.8	94	97	86	86	78	87	.5
17	58.70	58.99	59.47	57.55	58.77	60.27	24.4	23.9	28.4	29.9	24.9	23.8	32.3	23.5	93	96	88	75	88	97	7.9
18	59.77	59.96	60.36	57.24	58.41	60.05	23.7	23.6	30.3	30.5	29	25.8	33	23.3	96	95	74	74	78	90	------
19	59.78	60.79	61.25	59.44	59.54	60.58	24.6	24.5	29.7	28.5	27.6	25.5	32.4	24.3	94	92	73	78	84	93	------
20	60.02	60.53	60.12	58.50	58.75	59.96	24.2	23.8	30.3	31	28.9	26.9	32.4	23.7	97	97	74	71	76	90	38.1
21	58.93	60.33	59.77	58.46	58.41	59.07	25.7	23.5	26	30.6	28.6	25.4	32.6	23.2	96	97	91	69	80	93	1.5
22	59.14	59.34	59.36	57.78	58.93	60.72	24.1	23.6	30.3	31.8	24.5	23.6	33.2	23.3	97	98	74	66	92	94	8.4
23	60.03	60.24	60.25	58.59	58.75	59.75	23.4	23.4	31.2	30.1	28.9	26	33.2	23.2	97	97	72	71	72	93	------
24	59.32	59.82	59.95	57.91	58.55	59.76	25.2	24.5	29.8	31	27.3	25.4	33.7	24	93	96	79	69	80	90	11.7
25	59.31	59.91	60.70	58.88	58.57	60.02	24.2	24.8	28	28.5	27.8	25.6	31	24.2	95	93	81	76	79	93	6.6
26	59.15	59.06	59.45	57.82	58.50	59.98	24	24.2	30	30.7	28	26.8	32.6	24	97	98	73	72	79	87	.5
27	58.50	58.84	59.18	57.24	58.78	59.87	25.2	24.7	30.5	30.2	25.8	24.2	32.7	23.4	97	97	72	78	81	94	5.7
28	59.28	60.08	61.12	58.53	59.27	61.15	23.8	23.8	26.3	28.8	26.9	25	31.1	23.6	97	97	92	79	88	98	3.3
29	60.14	60.68	61.20	58.91	58.52	60.05	24	24.2	30.5	28.5	28.6	25.8	32.4	24	97	98	77	88	81	93	2.8
30	59.05	59.19	59.22	56.63	57.85	58.82	24.8	24.6	28.1	30.8	28.7	26.4	32.8	24.2	97	97	82	71	81	92	9.9
Mean	58.64	59.09	59.35	57.36	57.82	59.35	24.7	24.3	29.2	30.2	28.1	25.9	32.5	23.9	95.3	96.1	78.3	72.7	80.5	91.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	174.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	Calm	Calm	22.2	59.8	62.2	15.8	160	4	Ci.	N.-cf. NE	4	------	Cu.
2	ENE	NE	ENE	ENE	Calm	Calm	48.1	78.1	58.7	13.1	198	8	Ci.	Cu.-N. NE	3	------	Cu. E
3	Calm	Calm	Calm	NE	Calm	Calm	19.3	31.6	29.6	3.5	84	10	------	N. E	9	Ci.-S.	N.
4	Calm	Calm	ENE	NE	ENE	Calm	6.1	36.7	73.7	11.9	128.4	7	Ci.-S.	Cu. E	7	Ci.-Cu.	Cu. SE
5	Calm	Calm	NNE	E	E	Calm	17.1	30.6	62	11.3	121	9	Ci.-S.	N.	7	Ci.	Cu.
6	Calm	Calm	NW	NW	Calm	Calm	14.8	26.2	21.1	5.6	67.7	10	------	N.	8	Ci.-S.	Cu.
7	Calm	Calm	ENE	ENE	E	E	14	55.8	69.5	15.1	154.4	6	Ci.	Cu. E	8	Ci.	Cu.-N.
8	Calm	Calm	ESE	E	Calm	E	19	44.8	73.2	17.5	154.5	6	Ci.	Fr.-N. SE	7	Ci.	Cu. E
9	Calm	Calm	E	E	Calm	Calm	11	41.2	71.8	8.3	132.3	2	Ci.	Cu.	3	------	Cu.
10	SE	Calm	SSE	ESE	Calm	Calm	14.7	27.6	45.4	5.6	93.3	5	Ci.	Cu.-N. E	6	Ci.	Cu.-N. SE
11	Calm	Calm	NW	NE	Calm	Calm	10.5	20.9	28.7	5.4	65.5	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N.
12	Calm	Calm	SE	ENE	Calm	Calm	8.2	24.9	63.8	5.6	102.5	7	Ci.	N.	4	Ci.	Cu.-N.
13	Calm	Calm	WSW	NNE	Calm	WSW	9.5	22.5	43.8	10.5	86.3	8	Ci.-S.	N.	7	Ci.	Cu.-N.
14	Calm	Calm	Calm	E	E	W	5.8	23.3	58.5	33.8	121.4	5	Ci.	Cu.	8	A.-Cu.	Cu.-N. ESE
15	Calm	Calm	Calm	NE	Calm	W	10.3	14.7	48.1	20.6	93.7	9	Ci.-S.	N.	7	Ci.-S.	Cu.-N. SE
16	Calm	Calm	W	SSW	Calm	S	10.8	20.7	33.8	10.2	75.5	8	Ci.	N.	9	Ci.-S.	N.
17	Calm	Calm	Calm	ENE	WSW	Calm	5	7.2	------	------	------	8	A.-Cu.	Cu.	8	Ci.	Cu.-N. SE
18	Calm	Calm	Calm	NE	Calm	Calm	------	------	51	9.5	------	7	Ci.	N.	8	Ci.-S.	N.
19	Calm	Calm	NE	ENE	Calm	Calm	11.6	26.4	29.6	5	72.6	8	Ci.-S.	N.	8	Ci.-S.	N.
20	Calm	Calm	N	NE	NNW	Calm	2.4	22.2	44.1	17.5	86.2	7	Ci.	N.-cf.	8	Ci.-S.	Cu.-N. SE
21	Calm	Calm	S	N	Calm	Calm	22.7	23.1	28.8	10.8	85.4	10	------	N.	9	Ci.-S.	Fr.-N.
22	Calm	Calm	Calm	NE	S	Calm	4.8	24.1	48.8	13.1	90.8	5	Ci.	Cu.	6	Ci.	Cu.-N.
23	Calm	Calm	SW	ENE	NNW	Calm	3.8	27.1	50.1	13.2	94.2	3	Ci.	Cu.	8	Ci.-S.	N.
24	Calm	Calm	Calm	NE	Calm	Calm	9.1	25.9	40.5	10.3	85.8	3	Ci.	Cu.	8	Ci.-S.	N.
25	Calm	WNW	ENE	NE	Calm	Calm	15	31.1	35.6	11.3	93	9	------	N. NW.	9	Ci.-S.	N.
26	Calm	Calm	NNW	NE	ENE	ENE	8.3	33.5	52.9	21.2	115.9	9	Ci.	N.	8	Ci.-S.	N. ENE
27	Calm	Calm	ENE	NE	W	SE	4.8	30	44.5	32.8	112.1	4	A.-Cu.	Cu.	7	Ci.	Cu.-N. SE
28	Calm	Calm	Calm	N	Calm	Calm	6.4	13.7	40.7	6.1	66.9	10	------	N. SE	10	Ci.-S.	N.
29	Calm	Calm	N	Calm	Calm	Calm	14.8	24.4	23.5	4.3	67	9	Ci.-S.	N. NE	6	Ci.	Cu.
30	Calm	Calm	Calm	ENE	Calm	Calm	3.7	23.5	48.3	8.9	84.4	9	Ci.-S.	N. E	5	Ci.	Cu. E
Mean	------	------	------	------	------	------	12.2	30.1	47.7	12.3	103.3	7.2	------	------	7.1	------	------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JULY, 1913,

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.28	59.10	59.65	57.15	57.63	59.17	24.4	23.2	29.8	30	26	24.7	31.9	23	97	97	79	69	84	91	1
2	59.01	59.30	59.97	58.09	58.91	59.69	23.8	23.7	28.4	30.5	28	24.4	32.8	23.4	97	97	84	72	74	92	------
3	58.89	58.80	59.96	58.01	58.42	59.77	24	23.6	28.7	29.6	28.9	25.5	31.8	23.2	96	97	83	75	78	88	6.3
4	58.61	58.76	59.06	57.55	57.47	58.75	24	24.2	28.1	28.3	27.3	25.2	29.9	24	98	98	88	82	82	92	55.3
5	57.88	58.18	58.42	56.75	56.97	57.97	24.6	24.5	29.5	30.8	27.7	25.8	32.3	23.8	95	95	79	73	84	96	40.2
6	57.48	57.71	58.39	56.92	58.09	58.88	23.8	24	26.7	29.5	25	24.4	31.5	23.8	97	97	90	75	96	98	23.6
7	58.38	58.79	58.44	56.69	57.55	58.87	24	23.7	29	31.8	28.7	25.4	33.4	23.4	96	97	74	64	77	88	------
8	58.71	58.34	58.37	56.43	57.15	58.94	23.9	23.9	30	31.5	27.6	25.8	32.9	23	96	97	68	66	80	93	------
9	57.82	58.14	58.57	56.62	56.98	58.42	24.6	23.9	29.5	30.7	26.7	25.6	33.3	23.7	95	97	75	73	86	91	.8
10	57.68	58.44	58.73	56.92	56.26	57.77	24.6	24.3	27.8	29.7	28.5	25.8	31.5	23.8	95	96	79	63	71	85	------
11	57.71	58.15	58.45	56.66	57.15	58.75	24	23.8	29	29.7	27.7	24.8	33.2	23.7	96	93	78	67	79	91	------
12	58.34	58.39	58.64	57.04	57.85	59.20	24.7	23.8	30.9	31	28.6	25.7	33.4	23.7	89	97	59	65	75	90	------
13	58.22	58.51	58.25	56.88	56.67	57.85	24.5	24.7	29.6	30.8	28.7	26.9	32.5	24.2	97	94	77	71	76	85	------
14	55.75	55.89	56.22	53.99	53.29	55.49	25.8	26.9	26.8	26.1	24.9	24.5	28.7	23.5	93	85	94	94	97	96	89.4
15	53.15	52.61	52.87	52.03	52.10	53.70	23.8	23.2	24	23.5	23.6	23.5	26.3	23	98	96	95	97	98	99	55
16	53.36	53.68	54.92	54.23	54.49	56.33	23	23	26.3	26	25.6	23.7	27.8	22.8	98	98	90	92	92	98	8.4
17	55.64	55.76	56.28	55.13	55.65	58.14	23.3	23	29.9	31.3	27.6	25.8	33.8	22.8	97	97	66	59	77	88	.5
18	56.44	56.10	56.90	55.20	55.67	57.77	24.6	25.5	30.3	32.4	29	26.2	33.8	23.5	93	88	70	64	64	86	------
19	56.19	56.30	55.81	55.62	55.74	57.37	24.8	23.4	31.5	29.7	29.4	26	33.5	22.8	93	94	62	71	65	85	------
20	57.18	57.29	57.30	55.89	56.62	57.52	25	23.8	30.8	32.2	28.7	25.8	34	23.5	92	97	64	60	76	81	------
21	56.55	56.94	57.78	56.18	56.30	57.96	25.3	25.2	30.8	31.9	29.3	26	33.8	24	93	92	69	64	66	85	1
22	57	57.53	56.85	56.41	55.74	56.93	24.8	24.5	27.7	23.4	24.8	24.2	33	23.4	92	92	79	92	96	97	25.1
23	55.94	54.95	55.78	54.18	54.89	56.36	23.7	23.6	24.1	26	25.6	23.4	28	23.1	97	96	95	86	90	98	22.6
24	55.85	55.24	56.29	54.63	55.09	56.85	23.3	23.2	24.8	27.7	27.6	25	29	23	97	98	93	76	77	89	3
25	56.59	56.81	56.97	55.51	56.26	58.88	24.7	24.4	28.3	32.3	29	26.4	33.8	24.3	91	92	74	55	75	88	------
26	57.88	57.24	57.75	56.61	57.16	58.61	24.2	24	30.5	29.7	27.5	25.9	32.8	23.7	95	93	65	77	81	93	------
27	57.01	57.09	57.07	56.02	55.92	57.13	25.6	24.9	29.2	26.5	25.8	25.4	32.8	24.7	94	92	76	80	89	88	4.1
28	55.65	55.71	55.85	54.49	54.26	55.44	25.8	23.4	27	27	26	23.9	28.3	23.2	87	94	80	81	76	92	6.4
29	53.72	53.99	54.30	53.78	54.19	55.85	23.2	24.8	28.3	28.6	26	25.7	30.5	23.2	89	92	78	78	83	88	.6
30	54.72	55.24	56.47	55.10	55.91	58.59	25.3	25.8	31.2	29.7	27.7	26.4	34	25.1	88	81	66	68	72	81	------
31	56.45	56.47	57.60	56.35	56.57	57.20	25.2	25.6	31.1	28.9	27.8	24.5	33.5	23.6	88	85	66	78	79	82	2
Mean	56.84	56.95	57.35	55.90	56.22	57.75	24.4	24.2	28.7	29.3	27.3	25.2	31.9	23.5	94.2	94	77.3	73.8	80.5	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	345.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	S	W	NE	S	Calm	31.1	40.2	37.5	13.5	122.3	10	------	N.	8	Ci.-S.	Cu.
2	Calm	Calm	S	E	WSW	Calm	6.7	19.8	47.2	15.9	89.6	7	Ci.	Cu.	8	Ci.	Cu.-N. SE
3	Calm	Calm	Calm	Calm	Calm	Calm	15.8	17.7	25.4	20.3	79.2	7	Ci.	Cu.	7	Ci.	Fr.-N. E
4	Calm	Calm	N	Calm	Calm	Calm	13.2	19.1	24.9	3.7	60.9	10	Ci.-S.	N. NE	9	Ci.-S.	N.
5	Calm	SSE	ENE	ENE	NW	Calm	22.7	34.8	49.4	13.1	120	10	Ci.-S.	N. SE	7	Ci.	Cu.
6	Calm	Calm	E	ENE	NNE	Calm	7.4	10.7	36.5	10	64.6	8	Ci.	N.	8	Ci.-S.	N. E
7	Calm	Calm	SE	S	Calm	Calm	10.5	44.5	38.6	21.2	114.8	4	Ci.	Cu.	8	Ci.	Fr.-N. S
8	Calm	Calm	Calm	NNW	SSE	Calm	4.8	33	64.1	16.7	118.6	4	Ci.	Cu.	6	Ci.	Cu.
9	Calm	Calm	SSW	NNE	S	Calm	12.1	27.6	37.5	17.1	94.3	9	Ci.-S.	N.	7	Ci.	N. SE
10	Calm	Calm	WSW	W	Calm	Calm	11.9	44.1	41.3	9.9	107.2	10	Ci.-S.	N. W	9	Ci.-S.	N.
11	Calm	Calm	W	NE	Calm	Calm	7	28.4	31.9	13.7	81	7	Ci.-S.	N.	9	Ci.-S.	N.
12	Calm	Calm	NNW	NNW	NW	Calm	4.8	26	65.2	23.8	119.8	8	Ci.	N.	8	Ci.-S.	Cu.
13	Calm	Calm	Calm	N	NW	Calm	9.1	21.9	49.9	33.5	114.4	8	Ci.-S.	N.	7	Ci.	Cu.
14	NW	NW	WSW	NW	SW	W	50.7	53.9	44.6	51.5	200.7	10	Ci.-S.	Fr.-N. NW	10	------	N. NW
15	W	SW	SW	SSW	SSW	Calm	76.4	75.6	44.5	17.2	213.7	10	------	N.	10	------	N.
16	Calm	Calm	Calm	SW	Calm	Calm	5.8	24.6	36.7	14.8	81.9	10	------	N.	10	------	N.
17	Calm	Calm	S	SW	S	Calm	20.4	52.8	70.2	37.3	180.7	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. sw
18	S	SSW	SW	W	S	Calm	72.9	58.2	61.2	20.6	212.9	9	Ci.-S.	N.	8	Ci.	Fr.-N. sw
19	Calm	Calm	Calm	Calm	SSW	S	15.9	34.6	30.6	31.9	113	9	------	N.	10	Ci.-S.	Fr.-N. sw
20	Calm	Calm	SSW	NW	SSW	Calm	8.9	29	45.9	25.2	109	8	Ci.-S.	Cu.	7	Ci.	N. SW
21	W	Calm	SW	NNW	Calm	SW	23.1	26.8	30	27.7	107.6	7	A.-Cu.	N.	8	Ci.-S.	Fr.-N. W
22	Calm	W	SSE	W	Calm	Calm	23.9	49.3	43.8	14.3	131.3	10	------	N. W	10	------	N.
23	SW	Calm	WSW	S	SW	SW	33	36.7	40.8	27.9	138.4	10	Ci.-S.	N.	10	Ci.-S.	N.
24	SW	Calm	Calm	SW	SSW	S	21.9	36.7	45.9	40.2	144.7	10	------	N.	10	Ci.-S.	N.
25	S	Calm	S	SW	S	W	42	40	40.2	35.4	157.6	8	A.-Cu.	N. SW	7	A.-Cu.	Cu. SW
26	SW	SW	NW	NW	SE	Calm	38.6	41.5	36.4	18.3	134.8	9	A.-Cu.	N.	8	Ci.-S.	Fr.-N. NW
27	Calm	Calm	Calm	NW	Calm	W	6.7	22.2	55	23.9	107.8	10	Ci.-S.	N.	10	Ci.-S.	N. NW
28	W	Calm	WSW	SSW	Calm	Calm	44.1	38.1	44.1	22.3	148.6	10	Ci.-S.	N.	10	Ci.-S.	N.
29	Calm	SSW	SW	SW	SW	S	23.1	68.1	73.7	61.2	226.1	10	Ci.-S.	N. SW	10	Ci.-S.	Fr.-N. sw
30	Calm	S	SW	SW	SSW	SW	50.9	59.7	75.4	54.5	240.5	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. SW
31	SW	S	SW	WSW	Calm	SW	65.8	58.7	17.2	21.9	163.6	3	Ci.	Cu.	8	Ci.-S.	Fr.-N. sw
Mean	------	------	------	------	------	------	25.2	37.9	44.7	24.5	132.2	8.5	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,099.6	------	------	------	------	------	------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.67	56.86	56.80	56.47	56.78	57.90	24.4	24	30.8	26.6	25.6	24	33.2	23.6	83	96	67	84	95	98	5.4
2	56.78	57.24	57.92	56.22	56.55	57.82	23.9	23.8	28.7	30.5	28.8	25.9	32.2	23.6	97	97	77	66	78	86	------
3	57.51	57.96	58.40	56.41	56.96	58.42	24.2	23.2	31.2	31.8	28.6	25.8	34.1	23	94	97	61	65	80	90	------
4	57.82	58.21	57.98	56.20	56.95	57.62	24.9	23.8	32.5	30.3	27.6	24.8	34	23.4	92	94	58	73	79	93	.8
5	56.87	57.79	58.22	57.07	57	57.62	24.7	24.5	26	25.2	25.8	24.9	27.5	23.8	94	95	88	92	88	97	9.2
6	57.08	57.90	58.40	57.03	56.52	57.54	24	23.7	25.7	25.7	24.7	24.3	27	23.7	97	97	89	92	95	96	6.2
7	57.44	57.26	58.62	56.96	58.34	58.61	24.2	24.1	28.2	28.6	23.5	23.2	31.6	22.6	94	92	83	78	98	98	44.7
8	57.90	58.11	58	57.64	57.41	59.45	23.5	24	30	25.2	26.4	25.5	31.5	23	97	97	73	97	91	94	10.5
9	57.95	58.20	58.86	57.33	57.46	58.73	23.8	23.6	29.8	31.7	28.2	24.8	33.6	23	97	98	71	64	73	89	------
10	58.34	58.60	58.42	56.84	57.21	58.49	23.9	23.7	30.6	31.8	28.8	25.2	33.4	23.6	96	96	65	62	71	88	------
11	57.45	57.71	57.91	55.84	56.19	58.22	24.5	23.7	30	29.7	25.1	25	33.2	23.5	89	91	69	69	87	92	------
12	56.98	57.18	57.45	55.56	56.54	58.32	23.8	23.6	30	31	26	25	33.3	23.1	97	97	75	68	85	89	------
13	56.88	57.15	57.68	56.03	56.48	57.50	24	23.7	27.4	28.1	26.8	24.5	29.9	23.4	97	97	81	83	86	89	------
14	56.85	56.85	57.37	56.18	55.69	55.99	23.7	23.5	25.8	28	27	24.7	29.5	23.4	96	97	90	79	72	91	1.8
15	54.94	55.06	55.41	53.66	54.25	55.55	23.7	23.1	29.6	28	24.8	23.7	32.8	23	96	98	75	81	93	92	1.3
16	54.96	55.20	56.04	55.04	57.03	59.14	23.5	24.5	29.7	30.4	24.6	24.5	33.6	23.4	94	92	72	72	98	97	6.1
17	58.16	58.37	59.34	57.95	58.46	59.98	23.6	22.7	28.7	28.7	27.6	25.8	31.4	22.6	97	97	75	78	84	98	------
18	58.93	59.05	59.74	57.69	57.96	59.05	25.5	25.6	30.3	29.6	27.7	26.7	32.4	25.5	97	95	76	74	84	94	------
19	57.57	57.61	57.85	55.72	56.05	57.84	26.4	26.2	29	30.8	28.4	25.7	32.6	24.5	93	93	81	73	80	94	3.8
20	56.85	56.97	57.12	55.27	56.68	58.11	24.4	24.6	29	30	23.8	24.4	31.5	23.4	95	96	81	73	97	99	20.3
21	57.44	57.24	57.75	56.51	56.93	58.05	24	23.8	29.3	24.5	24.7	24.2	33.3	23.5	97	97	72	93	97	95	10.2
22	57.64	57.39	57.06	55.85	56.99	58.09	23.6	23.5	29.7	29	24.4	24.5	32.8	23.1	97	97	73	75	97	97	8.2
23	57.21	57.36	58.23	55.88	56.79	58.39	23.8	23.4	25.7	28.4	26.5	24.7	30.5	22.9	97	96	90	75	90	97	6.7
24	57.79	58.15	58.38	57	57.57	59.49	23.8	23.6	27.7	29.6	27.5	24.8	32.2	23.6	98	98	76	72	79	87	1.6
25	58.95	59.24	60.23	58.24	59.09	60.02	23.8	23.6	28.1	29	27.6	24.4	31.9	23.5	94	95	77	74	81	87	1.3
26	59.51	58.81	59.02	56.92	56.96	58.42	23.5	23.2	29.5	30.6	27.4	24.6	32.3	23	94	98	66	67	82	90	1.5
27	57.04	56.20	56.34	54.45	54.71	56.04	23.7	23	27.5	29.3	26.6	24.5	31.7	22.9	94	98	67	72	86	89	1.8
28	55.61	55.15	56.54	54.39	55.20	57.49	23.2	23.7	29	29.2	26.7	25.1	31.8	23	97	95	71	71	79	88	------
29	56.94	57.50	58.75	57.12	57.88	59.77	25.2	23.5	29.5	30.9	28.4	25.3	32.3	23.5	88	96	68	63	78	89	.5
30	58.74	58.40	58.76	57.04	57.50	59.47	23.8	23.9	31	30.4	27.6	23.9	32.5	23.4	97	96	59	72	76	86	------
31	58.36	58.14	58.55	56.72	56.60	58.14	23	22.9	30.2	29.9	27.9	24.9	32.7	22.8	94	97	68	65	78	87	------
Mean	57.39	57.51	57.97	56.36	56.86	58.23	24.1	23.8	29	29.1	26.6	24.8	32	23.4	94.8	96	74	74.9	85.1	92.1	----
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	141.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	Calm	S	SSE	Calm	Calm	16.9	33	42.4	15.3	107.6	6	Ci.	N.	9	Ci.-S.	N. SW
2	Calm	Calm	N	SSE	NW	Calm	10.8	18.2	27.1	18.2	74.3	10	Ci.-S.	N.	7	Ci.	Cu. SW
3	Calm	SSW	WSW	NNE	Calm	Calm	12.9	30.9	49.7	6.1	99.6	7	Ci.-Cu.	Cu.	4	Ci.	Cu. W
4	SW	Calm	W	WNW	W	Calm	18.7	33.6	69.2	22.8	144.3	7	Ci.-S.	Cu.	9	Ci.-S.	Fr.-N. W
5	Calm	Calm	W	WSW	Calm	Calm	17.7	49.3	57.7	19.3	144	10	------------	N. W	10	------------	Fr.-N. W
6	W	W	W	Calm	Calm	Calm	32.4	36	26	10.7	105.1	10	------------	N. W	10	Ci.-S.	N.
7	Calm	SW	S	S	SW	Calm	17.7	43.7	58.2	15.3	134.9	9	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Fr.-N. SW
8	SW	SW	S	Calm	Calm	Calm	18.8	37.2	16.3	10.2	82.5	8	A.-Cu. SW	N.	10	------------	N.
9	Calm	Calm	S	NW	Calm	Calm	3.5	27.1	38.9	15.9	85.4	8	Ci.	Cu.	8	A.-Cu. W	N.
10	WSW	Calm	W	NNE	W	Calm	26.4	35.9	52.8	20.7	135.8	6	Ci.-Cu.	N.	9	Ci.-S.	N.
11	Calm	Calm	SW	NW	Calm	Calm	18.8	35.2	31.4	7.4	92.8	4	Ci.	Cu.	10	Ci.-S.	Fr.-N. SW
12	Calm	Calm	SW	NNW	SSW	Calm	11	30	48.3	17.9	107.2	8	Ci.	N.	8	Ci.-S.	N.
13	Calm	Calm	Calm	NW	Calm	Calm	5.6	10.3	20.7	8.2	44.8	9	Ci.-S.	N.	9	Ci.-S.	N.
14	Calm	Calm	WNW	W	W	Calm	7.2	20.1	55.7	15.8	98.8	10	Ci.-S.	N.	9	Ci.-S.	N.
15	Calm	Calm	W	SSW	SSW	W	11	26.9	41.2	33	112.1	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
16	SW	S	SW	SW	NNW	Calm	33	65.2	62.8	9.9	170.9	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
17	Calm	Calm	S	ENE	Calm	Calm	7.8	19.3	33.6	12.9	73.6	9	Ci.-S.	N.	9	Ci.-S.	N.
18	Calm	Calm	NNE	NNW	Calm	N	21.7	35.1	38.1	25.1	120	8	Ci.-S.	N.-cf. NE	8	Ci.-S.	Cu.
19	N	Calm	NW	NW	NW	Calm	25.7	39.7	38.9	14.7	119	6	Ci.	N.-cf. NE	5	Ci.	Cu. NW
20	Calm	Calm	S	NNW	S	Calm	24.6	39.1	31.2	18.5	113.4	8	Ci.-S.	N.	9	Ci.-S.	N. SW
21	Calm	Calm	S	SW	Calm	Calm	12.6	39.2	28	2.2	82	8	Ci.	N.	10	------------	N. SW
22	Calm	Calm	SW	SW	SW	Calm	6.4	46.7	37	16.6	106.7	8	Ci.	Cu.	9	Ci.	N. SW
23	Calm	SW	W	Calm	Calm	Calm	10.3	51	26.8	9.5	97.6	10	------------	N.	10	Ci.-S.	Fr.-N. SW
24	Calm	Calm	S	Calm	Calm	Calm	19.9	35.2	25.1	14.5	94.7	8	Ci.	N.	10	Ci.-S.	Fr.-N. SW
25	Calm	Calm	Calm	NNE	Calm	Calm	12.6	31.1	19.3	44.3	107.3	10	Ci.-S.	N. W	10	Ci.-S.	Fr.-N. SW
26	Calm	Calm	Calm	N	Calm	Calm	9.1	22	32.7	23.8	87.6	8	Ci.-S.	N.	9	Ci.-S.	N. SW
27	W	Calm	SSE	W	Calm	S	26.9	25.2	30.6	39.1	121.8	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SW
28	SW	Calm	SW	NNE	SSW	S	36.5	38.3	32.5	36.5	143.8	8	Ci.-S.	N.	9	Ci.-S.	Fr.-N. SW
29	SSW	Calm	SW	NE	S	Calm	29.8	31.2	24.7	16.6	102.3	9	Ci.-S.	Fr.-N. SW	8	Ci.-S.	N. SW
30	WSW	Calm	WNW	NNW	Calm	Calm	27.2	29.5	64.2	12.1	133	9	Ci.-S.	N. S	8	Ci.-S.	N. W
31	Calm	Calm	NW	NW	Calm	Calm	11.5	33.8	75.3	17.1	137.7	7	Ci.	Cu.	9	Ci.-S.	N.
Mean	------	------	------	------	------	------	17.6	33.8	39.9	17.7	109.1	8.3	------------	------------	8.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,380.6	---	------------	------------		------------	------------

CAPIZ.

[ϕ=11° 35′ N ; λ=122° 45′ E ; barometer above sea, 6.6 meters ; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.98	55.80	56.60	54.71	54.11	55.27	24.4	23.7	29.7	31.5	27.6	26.7	32.4	23.6	90	94	73	67	81	79	------
2	54.25	53.84	54.36	52.76	52.56	54.19	25.5	24.5	28.1	29	27.2	25.2	30.4	24.4	84	90	79	72	79	88	4.1
3	53.44	53.15	53.70	52.79	52.82	54.12	24.1	23.6	28.2	26.6	25.1	24.8	29.9	23.5	95	96	72	83	83	85	.3
4	54.10	54.42	55.17	54.10	55.07	57.39	24.7	25.6	29	29.7	26.8	24.8	32.7	24.7	87	84	68	70	74	92	.8
5	57.29	58.15	58.36	56.10	57.12	59.30	24.2	24.6	27.8	31.7	28.6	26.3	33.4	24.1	96	94	79	62	80	82	------
6	58.93	58.90	59.05	57.05	57.91	59.77	24.1	24.2	30.7	31.2	28.4	25.6	33.5	23.9	91	86	63	65	74	89	------
7	58.52	58.85	59.02	57.30	58.15	59.62	25	23.6	29.8	31.4	29.2	24.5	32.4	23.5	90	97	73	69	79	84	------
8	58.64	58.60	58.87	56.68	57.57	58.59	23.8	23.6	31.8	33.1	28	25.7	34.5	23.4	93	97	58	58	74	86	------
9	57.09	57.50	58.17	55.52	56.51	57.98	24.1	23.7	30	32.7	27.6	25.7	34.4	23.5	97	98	71	60	88	95	1.5
10	55.73	55.90	56.51	54.36	55.15	56.43	23.8	23.6	30.5	31.2	27.6	25.8	33.2	23.5	95	94	70	69	81	87	------
11	55.95	56.07	56.90	55.05	56.87	58.68	25.8	25.6	29.8	29.7	26.2	25.5	31.3	24.9	87	84	73	73	86	92	------
12	58.03	58.09	59.18	57.23	58.81	60.86	24.7	24.6	30.6	31	25.7	24.4	33.8	23.6	96	96	73	71	90	94	------
13	59.72	59.81	60.30	58.20	58.46	60.35	23.3	22.5	30.7	31.8	28.1	26.7	33.4	22.3	93	97	68	69	77	86	------
14	59.34	59.49	60.14	57.95	58.58	59.31	24	22.8	31.7	29.2	27.1	25.5	33	22.8	93	97	59	79	87	93	------
15	58.28	58.73	58.81	56.84	57.69	58.55	24.2	22.8	31.3	32.8	24.9	24.5	34.1	22.8	94	97	59	59	85	91	------
16	58.27	58.10	58.34	56.71	57.38	59.47	24.4	24.8	31	31.4	26.8	26.3	32.4	24.4	90	94	66	64	85	91	------
17	58.28	58.98	59.50	57.93	58.67	60.18	25.2	23.8	30.7	30.6	28.2	25.4	32.6	23.7	91	97	73	72	82	93	------
18	59.17	59.47	60.01	57.80	58.11	59.93	24.4	23.7	30	31.2	28.5	25.4	32.5	23.5	95	97	71	64	77	90	------
19	59.26	59.54	59.56	58.02	58.55	60.08	23.5	23.7	27.7	31.5	27.7	25.9	32.8	23.5	97	98	85	67	82	93	7.9
20	58.62	59.23	60.37	57.89	58.06	59.22	25.5	24.6	24	25.7	25.9	24.5	28.4	23.8	89	97	97	96	93	97	26.9
21	58.21	58.44	58.46	56.45	57.89	59	23.9	22.9	29.6	30.5	26.7	24.3	32.2	22.9	97	99	70	69	83	92	------
22	58.19	58.57	59.17	57.41	58.88	60.28	23.4	22.7	29.8	30.7	24.5	23.7	32.3	22.6	97	98	69	69	92	93	------
23	59.78	60.02	60.46	58.34	58.20	60.42	23.6	22.7	30.5	31.2	27.8	25.6	32.6	22.7	93	98	65	61	83	93	.3
24	59.18	59.51	60.39	57.87	58.21	59.50	24	23.9	29.3	30.7	27.7	26.4	32.8	23.9	97	97	79	71	82	89	20.4
25	58.84	59.13	59.85	57.54	57.85	59.80	24.6	23.9	28.5	30.5	27.5	25.7	32.2	23.8	95	97	83	69	85	95	14
26	58.74	58.98	59.49	57.40	57.97	59.88	24.8	24.5	30.5	30.7	27.5	25.2	32.4	23.7	98	98	75	69	81	92	6.1
27	59.15	59.45	60.72	58.83	58.92	60.51	24.2	23.3	30.2	30.7	27.7	26	32.3	23	96	97	73	70	86	94	------
28	59.15	59.33	60.18	58	59.21	60.11	25.4	24.8	30	30.9	25.8	25.6	32.8	24.7	93	95	75	72	93	95	28.2
29	58.87	59.64	60.18	58.54	58.30	59.66	24.2	23.9	25.6	25.5	25	23.9	27.3	23.7	97	97	95	96	97	99	5.3
30	58.69	58.84	59.60	57.65	57.90	59.17	23.5	22.9	27.8	30.5	27.3	24.8	32.2	22.9	99	99	82	68	85	93	------
Mean	57.96	53.15	58.71	56.77	57.38	58.92	24.3	23.8	29.5	30.5	27.1	25.3	32.3	23.6	93.5	95.3	73.2	70.1	83.5	90.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	115.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WNW	Calm	NW	NW	WNW	WNW	12.1	62.3	53.1	61.2	188.7	8	Ci.	Cu.	8	Ci.-S.	Cu. NW
2	W	W	W	W	W	Calm	36.4	40.8	50.5	11.6	139.3	10	Ci.-S.	N.	10	Ci.-S.	N.
3	Calm	SSW	SW	SSW	SSW	SSW	22.2	66.6	84.8	73.5	247.1	10	Ci.-S.	N. SW	10	Ci.-S.	Fr.-N. sw
4	SSW	SSW	SSE	S	S	S	68.7	97.7	90.9	61.8	319.1	10	Ci.-S.	Fr.-N. ssw	8	Ci.-S.	Fr.-N. SSW
5	Calm	S	S	S	Calm	SSE	29.8	47.3	50.9	44.1	172.1	10	Ci.-S.	N. S	7	------------	Fr.-N. SSW
6	Calm	Calm	S	N	Calm	Calm	17.2	38.9	38.6	10.7	105.4	3	Ci.	Cu.	4	Ci.	Cu.-N. sw
7	Calm	Calm	Calm	N	Calm	Calm	3.7	20.3	40	22.3	86.3	7	Ci.	Cu.	8	A.-Cu.	Cu.
8	Calm	Calm	WNW	NNW	Calm	Calm	2.6	32	64.4	8.2	107.2	8	Ci.	N.	5	A.-Cu.	Cu. SW
9	Calm	Calm	Calm	NNW	Calm	Calm	11.9	32.7	47	8.6	100.2	8	Ci.-S.	N.	8	Ci.	Cu.-N. sw
10	W	Calm	SW	WSW	S	S	17.7	25.7	34.8	39.4	117.6	10	Ci.-S.	N. S	10	Ci.-S.	Fr.-N. sw
11	S	S	S	S	S	Calm	53.9	63.4	56.8	26.2	200.3	9	Ci.-S.	N. SW	9	Ci.-S.	N.
12	S	Calm	SE	NE	Calm	Calm	29.2	33.5	28.4	2.7	93.8	7	Ci.	N.	9	Ci.	Fr.-N. S
13	Calm	Calm	NW	NW	Calm	Calm	1.9	28.4	48.3	15.5	94.1	3	Ci.	Cu.	1	------------	Cu.
14	Calm	Calm	W	NNW	NW	Calm	7.4	31.7	62.2	29	130.3	3	Ci.	Cu.	9	Ci.-S.	N.
15	NW	Calm	SW	NW	Calm	Calm	15.9	30.6	54.1	12.1	112.7	8	Ci.-S.	N.	8	Ci.-S.	Cu. SW
16	Calm	S	WSW	NE	S	Calm	15.9	40.5	37.5	19.1	113	9	Ci.-S.	N.	9	Ci.	Fr.-N. S
17	S	Calm	S	SSE	Calm	Calm	23.1	35.6	27.7	14.3	100.7	7	Ci.	Cu.	8	Ci.	N.
18	Calm	Calm	Calm	N	Calm	Calm	4.8	20.4	32.4	3.7	61.3	7	Ci.-S.	N.	8	Ci.-S.	Cu.
19	Calm	Calm	Calm	N	Calm	Calm	5.6	14.5	42.3	-----	-------	9	Ci.-S.	N.	7	Ci.	Cu.-N.
20	Calm	Calm	Calm	Calm	Calm	Calm	-----	-----	-----	-----	-------	9	Ci.-S.	N.	10	Ci.-S.	N.
21	Calm	Calm	NE	N	Calm	Calm	17.4	28.8	33.6	26.2	106	8	Ci.	N.-cf.	3	Ci.	Cu.
22	Calm	Calm	Calm	N	Calm	Calm	18.7	29	45.6	11.9	105.2	4	Ci.	N.	3	------------	Cu.-N. sw
23	Calm	Calm	SW	N	Calm	Calm	10.8	22	44.1	3.2	80.1	4	Ci.	Cu.	4	Ci.	Cu.-N.
24	Calm	Calm	Calm	N	Calm	Calm	4.5	22.2	42.4	16.4	85.5	4	Ci.	Cu.	7	Ci.	Cu. N
25	Calm	Calm	Calm	NE	Calm	Calm	11.1	23.1	42	5	81.2	10	------------	N.	7	Ci.	Cu.-N. SE
26	Calm	Calm	NE	NE	Calm	Calm	11.3	28	49.1	4	92.4	7	Ci.	N.-cf.	3	Ci.	Cu.
27	S	Calm	ENE	E	Calm	Calm	22.2	30	42.1	7.7	102	9	Ci.-S.	N.	4	Ci.	Cu.
28	Calm	Calm	NE	NNE	Calm	Calm	14.2	47	45.1	1	107.3	4	------------	N.-cf. NE	5	Ci.	Cu. NE
29	Calm	Calm	Calm	Calm	Calm	Calm	15.5	17.5	16.3	4.8	54.1	9	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
30	Calm	Calm	Calm	NE	Calm	Calm	6.2	15.9	32.4	3.8	58.3	8	Ci.-Cu.	N. NNE	3	Ci.	Cu.
Mean	------	------	------	------	------	------	17.7	35.4	46.1	19.6	120	7.4	------------	------------	6.8	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, −1.81 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.46	58.85	59.81	57.77	58.15	59.37	23.8	23.4	30.5	30.7	27.6	24.8	32.7	23.2	98	98	72	73	83	93	0.5
2	58.57	58.80	59.06	57	57.21	59.11	23.8	23.6	30.8	31.5	27.8	25.6	33.8	23.5	98	98	70	72	84	95	------
3	58.24	58.46	59.12	57.29	57.63	59.58	24.6	23.8	29.2	29.4	26.9	25.3	33.7	23.8	97	98	80	78	89	94	------
4	59.10	59.40	60.06	58.09	58.72	60.12	24	23.9	28.8	25.9	25.8	24.2	32.9	23.7	98	98	79	85	91	94	.5
5	58.66	58.93	59.59	57.67	58.18	59.40	23.5	23.7	28.7	30.9	25.5	24.9	32.8	23.3	97	98	80	67	91	96	3
6	57.94	58.21	58.98	56.85	58.33	59.57	23.7	22.8	28.7	30.7	24.9	24.2	32.2	22.7	97	98	76	70	88	95	------
7	58.99	59.22	59.86	57.56	58.90	59.74	23.2	22.5	29.2	30.2	24.5	23.8	32.2	22.3	97	97	74	70	92	95	------
8	58.56	58.87	59.90	57.45	58.18	59.08	22.7	22.5	29.8	30	27.1	25	31.8	22.3	97	98	73	71	87	92	------
9	57.56	57.90	58.29	55.78	56.28	57.67	23.8	23.6	27.8	29.3	27	26.2	30.6	23.3	97	95	82	75	80	90	3.3
10	55.82	56.05	57.18	55.18	55.66	57.02	24.9	23.7	25.7	28	26.8	24.9	30	23.6	91	98	96	88	84	96	2.8
11	54.76	55.19	55.57	53.13	54.42	55.23	23.6	22.9	28.6	28.7	25.9	24.6	30.4	22.9	97	98	78	80	86	97	4.1
12	54.22	54.53	55.11	53.44	54.54	55.56	23.7	22.9	27.8	27.5	24.7	24.5	32	22.7	97	97	80	78	97	93	38.3
13	54.42	54.65	55.36	53.47	53.72	55.20	23.4	23.7	24.8	26.7	23.7	25.1	29.3	23.2	97	97	92	83	96	90	17.6
14	54.38	54.69	55.52	53.76	53.99	55.28	23.9	24.6	27.5	27.8	25.8	24.5	31	23.5	92	91	81	83	79	91	11.4
15	53.69	55.73	56.98	55.44	56.10	58.50	25.2	23.9	28.6	30.7	26.9	24.8	32.4	22.5	90	95	77	65	81	87	2.8
16	57.96	58.27	59.64	57.62	58.36	59.82	23.9	22.9	30	28.9	25.6	24.4	33.7	22.7	92	97	68	76	87	94	.5
17	58.94	59.04	59.77	58.65	58.74	60.49	24.3	23.8	29.5	28	24.4	23.8	32.8	23.4	94	97	76	71	97	97	3.3
18	59.94	60.12	60.80	58.53	59.30	60.57	23.3	22.9	28.5	28.4	24.5	24.7	31.9	22.8	97	98	78	77	97	97	7.3
19	60.12	60.42	61.16	58.88	59.53	60.59	24	23.8	27.6	30	25.7	24.1	31.4	23.6	97	97	83	69	90	96	48
20	60.04	60.37	61.08	59.01	60.17	61.12	23.7	23.7	27	29	26.1	24.7	30.6	23.5	98	98	88	76	94	97	11
21	59.97	60.18	60.81	58.91	59.03	60.21	24	22.8	29.7	29.5	26.5	24.6	31.4	22.8	97	98	73	75	84	92	------
22	59.40	59.50	60.06	58.05	58.58	59.47	23.4	23.3	29.5	29.9	26.9	24.9	31.7	23.2	97	97	72	68	82	92	------
23	58.90	59.07	59.71	57.70	58.63	60.10	23.4	22.9	30.3	29.1	26.3	26.2	31.8	22.8	97	98	71	77	88	86	2.8
24	59.02	59.22	60.71	58.91	60.02	61.68	25.9	25.9	29.7	29.3	26.7	26	31.8	25.7	85	81	65	66	72	81	------
25	60.62	60.97	61.92	59.81	60.31	61.27	24.9	23.9	29	29.3	26	25.5	31.4	23.4	87	85	62	65	75	79	------
26	60.20	60.48	60.90	58.71	58.93	60.26	25.4	25.3	28.8	29.7	25.5	24.4	31.5	22.8	74	69	61	58	73	85	------
27	59.67	59.92	60.64	58.46	59.33	61.07	22.5	22.1	29.7	29.6	25.8	24	31.9	22	96	96	62	64	78	89	------
28	60.18	60.47	61.20	59.17	59.97	61.57	23.1	21.8	29.5	30.2	27	25.5	32.4	21.6	90	96	68	68	82	92	1.6
29	60.27	60.92	61.72	59.14	59.83	61.06	25.5	25.3	29	29.4	26.9	26.2	32.4	25	88	87	74	71	82	90	.3
30	59.90	60.32	61.27	58.82	58.93	60.27	26.3	25.8	30	30	27	27	32.4	25.3	89	89	71	67	84	86	.3
31	58.64	58.85	60.45	58.41	59.38	60.48	25.8	24.9	26	27.8	26.5	25.5	29.4	24	89	90	92	82	85	88	27.7
Mean	58.29	58.63	59.43	57.38	58.03	59.37	24.1	23.6	28.7	29.2	26.1	25	31.8	23.3	93.8	94.4	75.9	73.2	85.7	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	187.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a.m.			2 p.m.		
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	6 a.m.	Noon.	6 p.m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	WNW	Calm	Calm	Calm	2.4	30.8	43.8	6.4	83.4	8	Ci.-S.	N.	6	Ci.	Cu.
2	Calm	Calm	NW	NNW	Calm	Calm	3.7	25.1	38.6	4.5	71.9	9	A.-Cu.	N.	4	Ci.	Cu.
3	Calm	Calm	Calm	N	Calm	Calm	7.7	18	30.3	2.9	58.9	8	Ci.	N.	8	Ci.-S.	N.
4	Calm	Calm	Calm	S	Calm	Calm	7	25.7	25.2	6.6	64.5	8	Ci.-S.	N.	9	Ci.-S.	N. S
5	Calm	Calm	NW	NW	Calm	Calm	6.2	26.9	34.4	8.7	76.2	9	------------	N.-cf. W	8	Ci.	N. S
6	Calm	Calm	Calm	N	Calm	Calm	7.4	21.7	35.1	4.3	68.5	5	Ci.	N.	4	Ci.	Cu.-N.
7	Calm	Calm	SSW	NW	Calm	Calm	2.1	15.3	33	6.6	57	7	Ci.	Cu.	7	Ci.	Cu. N
8	Calm	Calm	N	NE	Calm	Calm	1.3	20.9	33.3	11.1	66.6	3	Ci.	Cu.	7	Ci.	Cu.
9	Calm	E	WNW	NNW	Calm	Calm	11.1	35.4	41.8	18.5	106.8	10	------------	N. E	10	Ci.-S.	N.
10	Calm	Calm	Calm	Calm	NNW	NW	16.6	10.3	23.3	33.6	83.8	9	Ci.-S.	N. NW	10	Ci.-S.	N. NW
11	Calm	Calm	NW	WNW	NW	WNW	1.8	25.7	75.4	44.3	147.2	9	Ci.-S.	N.	9	Ci.-S.	N.
12	W	Calm	S	SSW	SSW	S	38.3	22.2	44.3	56.9	161.7	10	Ci.-S.	N.	10	Ci.-S.	N. W
13	Calm	SSW	SW	SW	SW	S	34.9	62.5	92.5	81.1	271	10	------------	N. S	10	Ci.-S.	N. SW
14	S	S	S	S	S	S	77.7	85.9	86.9	29.5	330	10	------------	N. SSW	10	------------	N. S
15	S	W	SW	SW	W	Calm	91.1	76.6	30.3	22	220	10	------------	N. W	8	Ci.-S.	N.
16	Calm	Calm	Calm	Calm	Calm	Calm	5.8	23	26	2.1	56.9	7	Ci.	N.	8	Ci.-S.	N.
17	Calm	Calm	Calm	S	Calm	Calm	8.9	32	42.3	12.7	95.9	9	Ci.-S.	N. W	10	------------	N.
18	Calm	Calm	Calm	NW	Calm	Calm	4.8	22.2	38.9	4.6	70.5	9	A.-Cu.	N.	8	Ci.-S.	N. W
19	Calm	Calm	Calm	N	Calm	Calm	5.9	21.4	29	7.7	64	10	Ci.-S.	N. S	7	Ci.	N. S
20	Calm	Calm	NW	NE	Calm	Calm	19	21.5	31.4	4.3	76.2	10	------------	N. NE	10	Ci.-S.	Fr.-N. NE
21	Calm	Calm	NE	NNE	Calm	Calm	5.1	33.2	43.7	6.9	88.9	8	Ci.	N.-cf. NE	8	Ci.	Cu. N
22	Calm	Calm	W	W	Calm	Calm	15.6	36.8	47.5	2.6	102.5	7	Ci.	N.	7	Ci.	Cu. W
23	Calm	Calm	W	Calm	N	N	3.4	44.8	31.9	84	164.1	7	Ci.	N.-cf. NW	7	Ci.	Cu.
24	NNE	NNE	NNE	NNE	N	N	91.9	83.2	87.9	69.2	332.2	9	A.-Cu.	Fr.-N. NNE	7	Ci.	Cu.
25	N	Calm	NE	N	Calm	N	35.6	45.6	51	28.4	160.6	6	Ci.	Cu.	6	Ci.	Cu.
26	N	N	N	N	Calm	Calm	53.7	65.2	56.9	7	182.8	9	------------	Fr.-N. NW	3	------------	Cu.
27	Calm	Calm	N	NNE	Calm	Calm	4.3	26.6	43.5	3.8	78.2	4	Ci.	N.	0	------------	Cu.
28	Calm	Calm	NE	N	NNE	N	3.4	34.3	66.3	62.5	166.5	3	Ci.	Cu.	2	Ci.	Cu.
29	NE	NE	NE	N	N	N	52.5	65.7	52.1	47	217.3	8	Ci.-S.	N. NE	8	Ci.	N. NE
30	NE	NE	NE	NE	NE	N	48.8	64.2	46.7	46.7	206.4	8	Ci.	Fr.-N. NE	6	Ci.	Cu. NE
31	NE	NE	SE	E	E	Calm	41.3	53.7	59.5	33.6	188.1	10	------------	N. NE	10	Ci.-S.	Fr.-N. SE
Mean	------	------	------	------	------	------	22.9	37.9	45.9	26.1	132.9	8	------------	------------	7.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,118.6	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, −1.81 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.40	59.64	60.65	58.46	59.37	60.80	24.3	23.7	28.5	29	26.9	26.4	30.8	23.6	96	97	79	78	88	88	------
2	59.63	59.86	60.59	58.66	59.16	60.72	25.6	24.9	29.4	30.5	27.6	26.5	31.9	24.6	91	93	74	72	84	88	------
3	59.60	59.81	60.64	58.49	59.21	60.40	26.2	25.2	28.5	31.7	27.6	25	32	25	89	93	78	60	81	96	12
4	59.80	60.01	60.79	58.80	59.88	60.77	25.2	24.7	29.1	30.1	27.2	26	31.7	24.5	94	97	79	73	87	94	3
5	59.62	60.16	61.25	59.12	59.77	61	24.7	25	29.2	26.3	26.5	26	31.7	24.5	94	98	76	90	89	90	3.3
6	60.03	60.16	61	58.75	58.88	60.77	25.5	25.5	29.2	29.8	27.2	26.9	32	25.1	95	96	77	76	90	89	5.1
7	59.37	59.47	60.35	59.15	59.27	61.02	26.3	25.8	28.2	28.6	26.5	26.2	29.8	25.5	90	90	80	78	90	92	.5
8	59.60	60.16	61.38	58.96	60.07	61.52	25.2	24.7	27.5	29.3	25.3	25.1	30.8	24.4	97	97	89	79	93	92	12.9
9	59.77	60.22	61.21	58.42	59.05	60.17	25.8	25.3	28.4	29.3	26.6	26.3	31.3	25.1	89	90	79	73	91	86	2.3
10	59.60	59.89	61.04	58.56	58.91	60.73	25	24.2	29	28.7	26.4	25.8	31.2	23.8	92	95	80	75	85	94	5.1
11	59.28	59.49	60.90	58.95	59.60	61.08	24.8	24.6	29	29.5	26	25.2	31.2	23.9	95	91	75	72	92	94	------
12	60	60.59	61.55	59.37	59.80	61.17	25.3	24.8	29	30.2	27	26.2	31.8	24.7	91	89	71	70	82	86	3
13	60	60.53	61.84	59.35	59.23	60.86	25.3	23.9	28.7	29.4	26.2	26	31.3	23.7	90	90	69	64	79	73	------
14	60.02	60.33	61.56	59.54	59.58	60.83	24.6	24.3	28.6	29.3	27	25.8	31	23.7	79	73	57	59	67	70	------
15	59.87	60.30	61.87	60.34	60.47	61.72	24.8	25.6	27.9	24.5	25.4	26	29.6	23.5	77	78	74	89	70	73	5.3
16	61.10	61.17	62.05	60.27	60.38	61.31	25.2	25.1	29.1	29.7	26.1	26.2	31	24.2	79	80	66	67	79	79	------
17	60.50	60.74	61.66	59.69	60.02	61.61	24.8	24.4	28.8	29.2	26.3	25.8	30.8	23.5	87	88	69	70	78	84	------
18	60.70	61.62	62.29	60.54	60.86	61.78	25.5	24.9	29.1	29.5	26.8	26.5	31.5	24.6	87	91	72	71	82	86	------
19	60.75	61.26	62.20	60.31	61.22	62.20	25.6	25.5	28.5	29.6	26.5	26.3	31	25	90	89	79	70	92	86	3
20	61.27	61.82	62.84	60.67	60.76	61.82	25.4	24.4	28.5	29.3	26.4	24.4	31.6	23.8	90	92	74	72	84	97	12.2
21	60.89	61.13	61.95	59.82	60.30	61.12	24	23.9	28.3	28.9	25.8	26.2	31	23.7	97	97	75	74	88	89	------
22	59.83	59.88	60.90	59.20	59.76	61.23	26	25.9	28.5	26.7	26.7	25.7	30.6	25.1	89	88	78	90	83	86	6.3
23	60.71	61.07	62.21	60.55	60.98	62.62	25	24.7	26.7	28.5	25.7	25.5	30.5	23.8	92	94	91	78	88	88	2
24	61.62	61.51	62.87	60.97	61.48	62.65	25	24.8	27.2	26.3	24.9	25.5	29.5	23.2	89	88	81	85	84	80	6.9
25	61.36	61.33	62.71	60.36	60.26	61.39	24.6	24.5	28	28.5	25.9	24.8	30.2	23.5	79	75	67	67	81	89	2.5
26	59.82	59.81	60.58	58.38	58.24	59.12	23.1	24.6	28.8	29.4	26.7	26	30.7	23	89	79	67	65	77	82	------
27	57.62	57.58	58.75	57.10	57.74	58.87	25.5	24.9	29.7	29.8	26	24.5	32	24.3	85	89	68	67	85	92	------
28	58.56	59.09	59.96	58.02	58.19	59.58	24.2	23	27.4	29.3	26	26	31.2	22.7	92	97	84	72	86	92	4.4
29	59.07	59.19	60.06	58.02	58.54	59.87	25.5	24.1	28.5	29.6	26.5	24.6	31.3	23.7	88	96	78	75	85	95	.3
30	59.18	59.19	60.61	58.98	59.61	60.25	24.5	24.2	28.7	27.3	26.3	25.8	30.8	24.2	96	97	80	81	86	86	.5
Mean	59.95	60.23	61.28	59.26	59.69	60.97	25.1	24.7	28.5	28.9	26.4	25.8	31.1	24.1	89.6	90.2	75.5	73.7	84.2	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	90.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Nocn.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	NE	Calm	NE	1.1	46.9	48.9	24.7	121.6	8	Ci.	Fr.-N. E	8	A.-Cu.	Cu. NE
2	NE	Calm	NE	NE	Calm	Calm	31.2	51.7	44	24.1	151	4	Ci.	N.-cf. NE	4	Ci.	Fr.-Cu. NE
3	NE	Calm	NE	NE	NE	Calm	37	62.2	48.1	10.8	158.1	4	Ci.	N.-cf. E	1	------------	Cu.
4	Calm	Calm	NE	NE	NE	NE	16.6	44.9	54.7	23.5	139.7	8	Ci.	Fr.-N. E	8	Ci.-S.	Cu. NE
5	Calm	Calm	E	E	NE	Calm	3.8	60.4	42.1	35.2	141.5	8	Ci.-Cu.	Fr.-N. NE	10	------------	N.
6	Calm	NE	NE	NE	Calm	NE	26.4	70.8	54.1	54.2	205.5	8	Ci.	Fr.-N. NE	7	Ci.	Cu. NE
7	Calm	NE	NE	NE	Calm	NE	37.6	51.5	53.4	27.1	169.6	10	------------	N.	10	Ci.-S.	N. NE
8	Calm	Calm	E	E	NE	NE	7.5	45.9	41	29.5	123.9	10	------------	N. NE	9	Ci.-S.	N. E
9	NE	NE	NE	NE	Calm	NE	51.2	68.4	41.8	41.3	202.7	10	------------	N. NE	8	Ci.-S.	N.-cf. NE
10	NE	Calm	NE	NE	Calm	NE	25.4	53.3	29.8	41.5	150	8	Ci.	N. NE	8	Ci.-S.	N. NE
11	Calm	NE	NE	NE	Calm	Calm	20.3	53.1	47.8	13.7	134.9	7	Ci.	Cu.	8	Ci.-S.	N. NE
12	NE	NE	NE	NE	Calm	NE	39.2	60.9	37.8	38	175.9	7	Ci.	Fr.-N. NE	6	Ci.	Cu.
13	NE	Calm	NE	NE	NE	NE	39.1	59.8	73.4	69.2	241.5	9	Ci.-S.	N. NE	7	Ci.	N. NE
14	NE	NE	NE	NE	N	NE	51.3	78.4	88.3	99	317	6	Ci.	N.-cf. NE	6	Ci.	Cu. NE
15	NNE	N	N	NNW	N	N	71.8	81.5	68.6	62.5	284.4	9	Ci.-S.	N. N	10	Ci.-S.	N. N
16	N	N	N	N	NE	N	56.3	66.3	63	55.7	241.3	8	Ci.	N.-cf. N	8	Ci.	N.
17	N	N	N	N	Calm	N	37.2	61.7	63.6	30.9	193.4	5	Ci.	Cu. N	3	Ci.-Cu.	Cu. N
18	Calm	Calm	N	N	NNE	N	26.2	51.3	68.9	54.2	200.6	5	Ci.	N.	4	------------	Cu. N
19	Calm	NE	N	NE	Calm	NE	38.8	52.3	40	33.2	164.3	8	Ci.	N. NE	3	------------	Cu. NE
20	Calm	Calm	NE	NE	Calm	Calm	30.6	44.9	44.8	27.6	147.9	3	------------	Cu. NE	5	------------	Cu. NE
21	NE	Calm	NE	NE	Calm	N	42.4	48	38.4	31.4	160.2	7	Ci.	N.	8	Ci.-S.	N. NE
22	NE	NE	NE	NE	NE	NE	54.7	70.5	60.6	60.2	246	8	Ci.	Fr.-N. NE	4	Ci.	Cu.-N. NE
23	NE	NE	NE	N	NE	NE	36.4	66.6	96.6	86.6	286.2	7	Ci.	N.-cf. NE	8	------------	Fr.-N. N
24	NE	NE	NE	NE	NE	NE	63.4	67.3	74.2	54.2	259.1	8	Ci.	Fr.-N. NE	10	------------	N. NE
25	NE	NE	NE	NE	NE	NE	68.9	81.1	91.7	79.4	321.1	6	A.-Cu. NE	N.	7	------------	Fr.-N. NE
26	NE	NE	NE	N	N	Calm	53.3	55.7	66.3	47.5	222.8	10	Ci.-S.	N.	2	------------	Cu.
27	N	NW	NW	NW	Calm	Calm	62.2	64.2	50.1	2.2	178.7	9	Ci.	Fr.-N. NW	4	Ci.	Cu.
28	Calm	Calm	N	NE	Calm	NE	5	24.1	39.7	23.3	92.1	9	------------	N. NE	3	------------	Cu. NE
29	NE	Calm	NE	NE	Calm	Calm	12.6	30.6	42.6	4.8	90.6	4	Ci.	Fr.-N. NE	3	------------	Cu. NE
30	Calm	Calm	NE	N	NNE	NNE	9.7	27.6	44.3	54.5	136.1	5	Ci.	N.-cf. NE	8	Ci.-S.	N. NE
Mean	------	------	------	------	------	------	35.2	56.7	55.3	41.3	188.6	7.3	------------	------------	6.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,657.7	----	------------	------------	----	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.72	59.98	61	59.06	59.23	60.35	25	24.8	29	28.7	26.1	25.8	30.9	24.6	90	89	71	72	86	89	3.6
2	59.67	60.22	61.47	59.55	60.18	60.89	24.5	24.2	28	29.2	25.9	23.8	30.7	23.5	92	91	70	70	81	93	------
3	60.27	60.83	62.12	60.47	61.13	61.97	23.2	24	27.5	29.4	26.1	25	30.8	23.2	93	94	78	70	85	88	------
4	61.02	61.63	63.08	61.31	61.35	62.70	24.9	24	28.5	28.6	26.4	26.3	31.3	23.7	87	89	67	70	81	76	5.8
5	61.47	61.57	62.87	60.81	61.07	62.51	25.8	24.7	27.5	29.6	26.6	25.8	31.3	22.5	79	90	75	67	80	85	------
6	61.71	61.92	62.56	60.55	60.72	62.08	25.1	24.7	28	28.7	26.4	25.4	30.8	24.2	87	85	67	73	75	80	------
7	61.03	60.92	61.98	60.07	60.47	61.61	24.6	24.9	27.9	28.1	25.7	25.7	29.9	23.8	87	88	75	85	86	86	15.8
8	60.67	60.24	61.08	58.90	59.97	61.25	24.6	24.2	27.4	28.8	25.9	25.7	30.3	23.4	93	94	78	72	85	86	4.6
9	60.10	60.29	61.35	59.22	59.96	61.02	25.4	24.3	27.5	30.1	26	25.7	31	24.2	84	89	78	69	78	86	2.6
10	60.36	60.37	61.62	59.56	59.81	61.32	24.6	24.5	28.3	29	26.3	25.9	30.9	22	93	92	76	68	88	88	3.8
11	60.53	60.02	60.93	58.47	58.99	60.32	24	24.5	28	29.4	26.2	24.9	30.7	22	93	92	82	72	86	94	------
12	59.32	59.83	60.65	58.11	58.87	60.01	25.1	24.5	28.7	29.5	26.6	25.9	31	24.2	92	96	77	75	80	88	.5
13	59.09	59.43	60.50	58.65	59.17	60.18	25.4	24.8	28.6	29.5	26.6	26.5	31.4	24.5	90	93	78	75	83	84	10.7
14	58.89	58.67	59.86	58.32	58.78	59.91	24.9	25	26.8	27.8	25.9	24.6	30.6	24	92	92	88	79	89	94	2.8
15	59.02	59.04	59.71	57.70	58.95	60.52	25.3	24.7	28	29.2	25.9	25.8	31	24.3	89	94	90	80	92	93	.3
16	59.38	59.99	60.86	58.52	59.21	60.72	25.3	24.8	28.9	29.6	26.6	25.6	31.2	24.6	96	97	76	69	87	90	------
17	59.86	60.19	60.75	59.01	59.83	61.10	24.5	24.7	27.8	29	25.9	25.5	31.3	24	92	91	78	74	88	89	------
18	59.88	60.09	60.81	59.51	60.08	61.46	24.2	24.6	27.9	29.5	26.3	26.4	30.8	24	93	92	79	74	86	87	------
19	60.55	60.84	61.81	59.87	61.26	62.49	25.6	24.9	28	28.8	24	24	30.5	23.2	90	92	78	79	95	96	32.5
20	61.54	61.42	62.39	60.16	60.97	62.40	23.2	23.4	25.4	28.2	25.6	25.5	29.7	23	97	97	93	80	90	88	12.2
21	60.76	60.92	61.78	59.52	59.97	60.87	24.5	24.4	26.6	26.8	25.9	26.1	29.2	24.2	91	91	84	86	86	87	------
22	59.60	59.49	60.56	58.01	58.92	59.91	25	24.5	27.1	29	26.9	24.5	30.7	23.8	93	95	83	71	86	96	17.3
23	59.30	59.44	60.53	58.97	59.52	60.58	24.3	23.8	28	28.5	25.8	25.4	30.4	23.7	97	98	82	78	84	84	------
24	59.72	59.68	60.83	58.20	58.49	59.66	24.4	25.5	26.5	28.1	25.6	24.5	30.1	24.2	91	85	90	80	90	96	5.4
25	58.78	58.83	60.06	58.11	58.64	59.52	24.5	24.8	27	28.4	26.1	26	30.8	24.4	96	93	85	77	86	88	4.1
26	59.07	59.22	60.38	58.39	58.47	59.73	24.9	24.8	28.7	29.8	26.9	26	31.2	24.5	94	94	78	69	86	92	------
27	58.94	59.31	59.97	58.53	59.07	60.11	24.6	23.5	28.4	27.4	25.9	25.7	30.6	23.4	92	97	81	85	89	85	11.5
28	59.49	59.83	61.37	59.35	60.10	61.16	24	24.1	27.2	28.4	25.5	24.7	29.9	23.7	93	91	77	73	88	83	1.5
29	61.19	61.86	62.27	60.41	61.13	62.62	24.3	24.3	27.5	27.9	25.5	25.5	30.2	23.9	82	81	73	78	93	92	1.8
30	61.51	61.81	62.91	61.60	62.27	63.87	25	24.6	27.9	28.5	25.1	24.2	29.8	23.7	95	97	84	85	92	98	8
31	62.73	63.32	64.02	62.26	62.98	64.87	23.5	23.6	25.9	27.4	24.9	24.3	29	23.1	97	93	85	81	92	91	17.5
Mean	60.17	60.36	61.36	59.39	59.99	61.22	24.7	24.5	27.7	28.7	26	25.4	30.6	23.7	91.3	92	79.2	75.4	86.2	88.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	162.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	NE	NE	Calm	N	29.8	57.4	31.4	23.1	141.7	8	------	Fr.-N. NE	8	Ci.	Fr.-N. NE
2	Calm	Calm	NE	NE	Calm	Calm	23.9	48.6	38	5.3	115.8	4	------	N.-cf. NE	2	------	Cu. NE
3	Calm	NE	NE	NE	Calm	Calm	16.6	49.9	50.9	19.9	137.3	8	Ci.-S.	N. NE	2	------	Cu. NE
4	NE	NE	NE	NE	Calm	NE	37.8	53.9	37.2	33.6	162.5	2	------	N. NE	3	A.-Cu.	Cu. NE
5	Calm	NE	NE	NE	E	E	38.3	82.1	66.3	77.9	264.6	9	Ci.-S.	N. NE	4	------	Cu. NE
6	ENE	ENE	ENE	Calm	ENE	E	46.2	65.5	39.1	49.4	200.2	7	------	N.-cf. NE	8	Ci.-S.	Fr.-N. NE
7	ENE	ENE	ENE	ENE	NE	NE	48.3	59.5	53.7	57.3	218.8	9	------	N. ENE	9	Ci.-S.	N.
8	NE	NE	NE	NE	ENE	NE	31.1	82.4	96.4	48	257.9	10	------	N. NE	7	A.-Cu. NE	Cu. NE
9	NE	NE	ENE	NE	NE	NE	37	80.2	98.2	82.9	298.3	4	------	Cu. ENE	9	Ci.-S.	N. NE
10	NE	NE	NE	ENE	Calm	NE	69.5	84.2	46.5	47.3	247.5	3	------	N.-cf. NE	4	------	Cu. ENE
11	NE	ENE	ENE	ENE	Calm	Calm	34.4	68.6	62.8	14	179.8	8	Ci.	Fr.-N. NE	3	------	Fr.-cu. ENE
12	NE	Calm	NE	NE	Calm	NE	17.7	52.5	43.5	32.8	146.5	4	Ci.	N.-cf. NE	3	------	Fr.-cu. NE
13	NE	Calm	ENE	N	Calm	NE	38.6	60.9	42.8	54.9	197.2	4	Ci.	N.	8	------	Fr.-N. NE
14	NE	NE	NE	NE	NE	Calm	42.1	68.1	59.5	33	202.7	8	Ci.	N. NE	8	Ci.-S.	N.
15	NE	Calm	NE	NE	Calm	Calm	40.8	43.7	48.3	19.3	152.1	8	Ci.	Fr.-N. NE	4	------	Cu. NE
16	Calm	Calm	ENE	ENE	Calm	Calm	18.7	56.9	56.3	16.1	148	9	Ci.-S.	Fr.-N. ENE	6	Ci.	Cu. ENE
17	Calm	NE	NE	NE	NE	Calm	17.7	59.8	76.4	31.7	185.6	7	Ci.	N.-cf. NE	9	------	N. N
18	Calm	Calm	NE	NE	NE	NE	11.8	48.5	71.1	71.8	203.2	9	------	Fr.-N. NE	8	------	Fr.-N. NE
19	NE	NE	NE	NE	E	Calm	52.1	63.3	60.7	23.3	199.4	8	------	Fr.-N. NE	7	Ci.	Fr.-N. NE
20	Calm	Calm	NE	NE	NE	NE	17.9	46.5	52.3	56	172.7	8	------	N. NE	9	------	N. NE
21	NE	NE	NE	NE	Calm	NE	30.6	38.9	44.8	26	140.3	8	Ci.	Fr.-N. NE	10	Ci.-S.	N. NE
22	Calm	Calm	NE	NE	Calm	Calm	16.4	48	44.1	18.2	126.7	6	Ci.	N.-cf. NE	6	Ci.	Cu.
23	Calm	Calm	NE	NE	NE	NE	15.9	31.2	63.4	32.5	143	9	Ci.	N.	7	Ci.-Cu.	Fr.-N. NE
24	Calm	N	NNE	NW	Calm	Calm	31.9	74.6	52.6	38.3	197.4	10	------	N. NE	7	A.-Cu.	Cu.-N. NW
25	NW	WNW	WNW	WNW	NW	W	34.9	73.2	82.9	52.1	243.1	9	Ci.-S.	N. NW	8	Ci.-S.	Fr.-N. NW
26	WNW	W	NW	NW	NNW	Calm	50.4	60	69.2	14.8	194.4	10	Ci.-S.	N. WNW	3	Ci.	Cu.
27	Calm	Calm	NE	N	NNE	NNE	2.6	37.6	65.7	81.1	187	8	Ci.	N.	9	Ci.-S.	N. NE
28	NE	NE	NE	NNE	Calm	NE	55.7	56.3	48.8	31.7	192.5	10	------	N. NE	8	Ci.	Fr.-N. NE
29	NE	NE	NNE	NNE	N	Calm	40.2	53.9	69.4	19.9	183.4	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	N. NNE
30	NNE	NE	NE	N	NE	Calm	41.8	49.9	71.9	41.8	205.4	8	------	Fr.-N. NE	10	Ci.-S.	N. N
31	NE	NE	NE	NE	NE	NE	74.5	78.9	63.8	71.4	288.6	10	------	N. NE	9	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	34.4	59.2	58.3	39.5	191.4	7.6	------	------	6.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,933.0	------	------	------	------	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.46	59.72	60.20	57.78	59.25	60.51	24	23.8	28.8	31.7	24.5	23.4	32.1	23.3	95	96	76	64	92	95	26.7
2	59.33	59.33	59.69	57.23	58.12	59.25	22.6	22.1	29	30.5	26.5	24	32.2	21.9	96	96	74	59	76	94	.5
3	58.33	58.91	59.55	57.75	58.49	59.99	23.8	22.7	29.9	27	26.6	25.1	30.2	22.6	95	96	70	84	86	94	7.3
4	58.66	59.33	61.44	59.22	59.99	60.54	24.8	24.3	25	27.3	25	24.3	27.7	23.8	95	96	96	87	94	95	25.7
5	59.27	59.58	60.25	58.68	59.09	60.65	23.8	23.7	27.8	25.3	24.5	23.9	29.1	23.4	96	97	84	88	90	93	10.5
6	59.28	59.33	59.75	57.48	57.99	59.10	23.1	21.6	28.1	30.2	25.6	24.2	31.1	21.4	96	97	78	65	83	92	------
7	58.18	58.77	59.79	57.85	58.50	60.05	24	23.5	25.4	25.4	24.9	23.2	26.6	23	93	94	92	93	93	95	13.7
8	58.93	59.07	59.93	58.56	59.26	60.12	23	22.3	27.5	27	25.1	23.9	28.9	22	96	96	85	84	94	94	29.5
9	59.07	58.68	59.58	57.90	58.51	59.27	23.6	23.1	27.5	25.7	25.7	24.7	29.2	23	95	97	84	93	92	94	16
10	58.74	58.91	59.85	57.53	58.33	59.51	23.4	22.4	27.1	28.7	26.4	23.3	29.7	22.2	96	97	83	76	83	96	------
11	58.98	59.74	60.49	58.49	59.14	60.15	21.9	20.9	28.4	28.9	26.6	23.7	31.9	20.7	96	97	68	69	81	95	------
12	59.74	60.35	60.94	58.70	59.68	61	21.6	20.5	27.4	28	26.1	23	28.9	20.3	96	97	73	71	83	95	------
13	60.38	60.91	61.90	59.33	59.58	60.74	21.5	19.8	26.8	28.3	26.1	23.5	30.1	19.7	96	97	81	74	86	95	1.3
14	59.91	60.67	61.64	59.53	60.63	61.98	21.2	19.8	27.9	30.2	26.6	24.7	30.7	19.6	96	97	73	71	87	93	------
15	60.84	61.07	62.33	60.15	61.46	62.77	23.1	22.5	27.7	28.5	24.6	22.8	29.4	22	95	96	70	70	88	96	------
16	61.46	62.40	63.15	60.20	60.90	61.80	21.6	20	26.7	28.8	26	23.2	30.1	19.9	96	97	77	73	86	95	------
17	61.22	61.37	61.86	59.65	60.46	60.99	20.9	19.9	27	29.4	24.7	24.1	30.7	19.7	96	97	77	71	93	95	3.3
18	60.37	61.24	62.28	59.47	60.20	61.70	23.4	22	28	29.9	26.8	23.8	30.7	21.8	96	97	77	70	85	95	------
19	60.77	61.11	61.70	60.03	61.01	61.92	22	21	26.2	26.5	24.8	24	29	20.8	96	96	79	85	92	95	17.8
20	61.27	62.31	62.63	59.78	60.50	61.91	23.8	21.5	27.5	28.8	26.7	24	29.6	21.3	96	97	78	73	83	95	.5
21	61.22	61.53	62.58	60.52	60.29	61.44	22.3	20.9	28	29.2	26.7	24.9	30.1	20.7	96	97	75	71	79	92	------
22	60.85	61.61	62.81	60.84	60.94	62.17	22.7	21	28.5	30	27	23.7	31.1	20.8	95	97	73	71	82	95	------
23	61.84	62.28	62.79	60.37	61.01	61.65	22.3	21.4	28.9	31.5	25.9	23.7	32.5	21.2	96	97	74	60	85	95	------
24	61.32	61.80	62.33	59.88	61.18	62.29	22.5	21.5	29.4	29.7	25.8	23.7	31.3	21.4	96	96	67	75	81	94	.8
25	61.56	62.67	62.99	60.81	62.31	63.25	21.8	20.7	28.9	31.6	24.5	23.9	33.1	20.6	96	96	69	59	89	93	11.4
26	62.54	63.27	63.73	61.30	62.14	63.66	23.2	21.5	28.9	29.9	25.6	23.2	30.9	21.4	96	96	73	68	81	91	5.3
27	62.87	63.68	63.98	61.48	62.52	63.57	22.8	22	27.1	28.8	23.8	22.6	29.4	21.7	92	93	71	56	76	84	------
28	62.31	62.83	63.21	61.50	62.48	63.06	22.3	21.8	27.7	28	24.8	23.2	29.3	21.7	88	93	70	69	79	89	.3
29	61.89	62.47	63.44	61.36	62.34	63.65	23	23	26.1	26.9	25	23.9	27.5	22.2	90	90	82	77	88	93	17.1
30	62.55	62.42	63.77	62.16	62.55	63.57	23.3	22.8	24.7	25.8	24.1	23.2	27	22.6	96	97	92	86	91	95	2.8
31	62.90	63.40	63.91	61.75	62.26	63.76	22.7	22.6	26.9	28	24.6	23.6	29.6	21.8	96	96	79	73	87	94	------
Mean	60.52	60.99	61.76	59.59	60.36	61.48	22.8	21.8	27.6	28.6	25.5	23.8	30	21.6	95.1	96.1	77.4	73.7	86	93.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	190.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NNE	NE	ENE	ENE	NNE	29.2	47.7	48.9	30.6	156.4	4	A.-Cu.	S.-Cu. ENE	7	Ci.-S.	Cu.-N. ENE
2	NNE	Calm	NE	E	NE	NE	27.4	41.2	54.1	37.2	159.9	3	Ci.	S.-Cu. ENE	5	------	Cu. E
3	NNE	Calm	ENE	Calm	NNE	Calm	19.9	42.4	32.2	30.3	124.8	3	Ci.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. E
4	Calm	Calm	Calm	Calm	NNE	NNE	24.4	14.2	23.5	32.7	94.8	10	Ci.-S.	N. E	10	Ci.-S.	S.-Cu. E
5	Calm	Calm	ENE	E	Calm	Calm	25.9	49.1	48.6	20.4	144	9	Ci.-S.	N. E	9	Ci.-S.	N. E
6	Calm	Calm	NE	ENE	NE	Calm	20.6	45.7	62.2	20.1	148.6	9	Ci.-S.	S.-Cu. ENE	6	Ci.	S.-cf. ENE
7	Calm	NE	NE	NNE	Calm	N	28.2	35.2	23.1	31.4	117.9	7	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Fr.-N. ENE
8	N	N	Calm	SE	Calm	Calm	33.6	29.3	27.1	15.8	105.8	4	Ci.	Fr.-S.	9	Ci.-S.	N. ESE
9	Calm	Calm	S	Calm	Calm	Calm	23	32	36.2	15.3	106.5	10	Ci.-S.	S.	10	Ci.-S.	N. E
10	Calm	Calm	S	S	Calm	NNE	16.1	39.6	51	25.4	132.1	2	------	S.-Cu.	6	Ci.	S.-cf. NE
11	Calm	N	NE	S	Calm	Calm	23.6	41.6	42.6	27.4	135.2	0	Ci.	S.-Cu.	2	------	S.-cf. NE
12	N	N	ENE	SSW	Calm	Calm	25.4	38.3	46.4	26.2	136.3	6	Ci.	S.-Cu. ENE	6	Ci.	S.-cf. NE
13	Calm	Calm	Calm	S	N	Calm	26.9	29.6	34.8	21.5	112.8	3	Ci.	------	6	Ci.-S. ESE	S.-Cu. ENE
14	Calm	N	NE	SW	NNW	N	26.6	34.8	50.2	22.5	134.1	0	------	------	7	------	S.-cf. E
15	Calm	NNE	S	S	N	N	24.4	40.8	50.5	32	147.7	8	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. E
16	Calm	Calm	S	SW	Calm	N	19	35.6	51	27.6	133.2	0	Ci.	------	8	Ci.-S.	S.-Cu. NE
17	N	N	SSE	SW	NNW	Calm	23.9	42.3	59.8	25.1	151.1	0	------	------	1	------	Cu.
18	N	N	NNE	SW	N	Calm	17.1	30.3	------	21.5	------	4	Ci.	S.-Cu.	5	Ci.	Cu. NE
19	N	N	S	SW	Calm	N	29.3	41	42.3	29.8	142.4	2	Ci.	------	6	Ci.-S.	Cu.-N. NE
20	Calm	Calm	S	SSW	NE	Calm	18.5	32.8	47.8	29.8	128.9	6	Ci.-S.	S.-Cu.	0	------	Cu.
21	N	N	SSE	SSW	Calm	Calm	32.7	34.8	45.7	24.1	137.3	0	------	S.-Cu.	0	------	Cu.
22	Calm	N	SSE	SW	N	Calm	25.7	38.9	52.6	19.6	136.8	0	Ci.	------	5	Ci.	Cu. ENE
23	Calm	N	N	NNE	N	Calm	18.2	38.8	66	20.3	143.3	0	------	S.-Cu.	3	------	Cu. NNE
24	Calm	Calm	NE	SW	N	Calm	20.7	33.8	47.5	28	130	2	Ci.	------	7	Ci.	S.-cf. ENE
25	N	Calm	NE	NNE	NNE	N	24.4	44.9	66.2	26.9	162.4	1	Ci.	------	3	Ci.	Cu. NE
26	Calm	N	NNE	NE	N	Calm	26.8	53.6	81.9	24.9	187.2	4	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
27	NNE	Calm	NE	N	N	N	39.4	87.5	114.3	46.5	287.7	8	Ci.-S.	S.-Cu. ENE	3	Ci.	Cu. NNE
28	N	N	N	NNE	N	Calm	37	73.4	87.2	14.2	211.8	2	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu. NNE
29	NNE	Calm	NNE	NE	NNE	N	30.3	57.4	57.9	35.4	181	8	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
30	Calm	N	NE	NE	NE	Calm	29.5	59.5	71.6	28.7	189.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	S.-Cu. NE
31	NNE	NNE	NE	NE	NE	Calm	31.7	70	111.5	34.1	247.3	10	Ci.-S.	N. NE	6	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	25.8	43.1	54.5	26.6	150.9	4.4	------	------	6.1	------	------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.74	62.83	63.89	62.34	62.94	63.96	22.2	21	28.3	29.2	24.6	22.9	29.7	20.7	96	96	70	70	90	94	------
2	62.18	62.55	63.15	61.05	61.33	62.35	22	22.6	27.3	27.2	25	23.8	29.7	21.8	96	97	71	73	87	93	4.8
3	60.96	60.77	61.83	59.72	60.29	61.75	23.7	23.1	27.8	27.1	25.3	23.8	29.5	22.8	93	95	68	76	88	93	.8
4	60.26	60.42	61.06	59.26	59.81	60.35	22.9	22.4	27.4	26.9	24	23.2	29.7	21.9	95	95	79	87	94	95	7.4
5	59.94	60.77	61.65	59.64	60.23	61.44	23.1	23	28.1	26.5	25.3	24	30.4	22.8	96	97	77	86	92	93	5.9
6	60.10	60.66	61.64	60.01	60.75	62.10	23.1	22.9	26	26.7	25.6	22.8	29	22	96	97	81	87	91	93	4.6
7	61.15	61.36	61.85	59.84	59.98	61.55	22	20.5	28.4	31.3	26.5	22.2	32	20.3	96	96	72	55	74	95	------
8	60.91	60.71	61.41	59.50	60.23	61.50	21	20.6	28	30.2	25.5	22.3	32	19.6	96	97	74	66	86	95	1
9	60.91	61.28	62.01	59.78	59.98	61.19	21.1	20	26.9	29.2	27	23.5	30.4	19.8	96	97	78	74	80	94	------
10	60.33	60.98	61.93	60.24	60.56	61.86	21.6	21.3	27.6	26.2	25.5	24	28.4	20.9	96	97	76	90	88	94	15
11	61.01	61.36	62.58	60.75	61.31	62.17	22.7	21.7	28.4	26.9	24.5	22.8	30.9	21.5	96	96	76	83	92	95	6.6
12	61.44	62.33	63.15	61.42	61.46	62.69	22.2	22	24.6	23.7	22.7	22.6	25.1	21.8	96	97	95	97	96	96	40.4
13	61.51	61.76	63.31	61.22	62.10	63.36	22.4	22.3	24.2	24.7	23.2	22.6	25.3	22.1	96	96	93	95	95	96	37
14	62.21	62.98	64.09	61.90	63.01	64.49	22.4	22.5	27.3	30.4	25.3	23.9	30.9	22	96	96	78	66	80	88	1.5
15	63.32	63.41	64.03	61.75	62.68	64.22	21.7	20	26.8	29.5	25.9	22.6	30.9	19.8	96	96	78	63	74	94	------
16	63.95	63.96	64.71	61.92	62.27	63.21	21	20.2	28.8	31.6	26.6	23.8	32.4	20	95	96	70	58	77	93	1.3
17	62.30	62.36	63.30	60.69	61.43	62.31	22.8	21.9	28.2	30.5	25.1	21.7	30.7	20.8	95	96	74	66	80	94	------
18	61.41	61.42	62.13	59.59	60.08	61.49	19.9	18.8	28.1	31	25.4	21.6	32.1	18.7	96	97	68	51	70	95	------
19	59.84	60.37	61.21	59.16	59.98	60.66	20.7	20.1	29.2	29.7	26.3	24.9	31.7	19.9	96	97	67	68	82	91	------
20	59.47	59.39	60.05	57.22	58.61	60.28	23.8	22.7	27.8	29.8	25.2	23.9	30.7	22.5	92	96	83	74	96	96	15.2
21	59.27	59.54	60.21	58.05	59.01	60.26	22.8	21.7	29.2	29.9	26.8	24.8	32.6	21.5	95	97	74	70	82	94	------
22	59.21	59.08	59.53	57.75	58.29	59.79	23.9	22.7	29.5	29	26.8	24.3	31.6	22.6	95	97	73	78	77	93	------
23	58.79	59.29	60.23	57.69	57.95	59.57	22.6	21.3	29	29	27.3	23	32.9	21.1	95	96	65	69	76	94	------
24	58.61	59.25	60.03	58.56	59.21	60.59	22.5	22.7	28	27.5	25.8	23.9	30.3	21.6	96	96	79	85	90	94	.5
25	59.52	60.15	61.19	59.04	59.40	60.57	23.2	23	30	29.5	27.1	23.1	32.4	22.2	95	97	69	63	80	95	.5
26	59.69	59.59	60.43	58.31	58.31	59.85	21.2	19.9	29.4	29.4	26.2	23.8	32.9	19.7	96	97	67	73	90	93	------
27	58.92	59.57	60.61	58.10	58.27	59.57	22.1	22	26.7	26.6	25.6	23.9	30.4	21.8	96	96	83	84	91	94	12.5
28	58.79	59.07	59.98	58.13	59.06	60.65	22.9	22	28.6	27.9	26.1	24.3	32.4	21.8	96	97	78	83	90	94	1
Mean	60.67	60.97	61.83	59.74	60.30	61.56	22.3	21.6	27.8	28.5	25.6	23.4	30.6	21.2	95.5	96.4	75.6	74.6	85.3	93.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	156

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	NE	NE	NE	N	35.1	91.4	130.7	46.9	304.1	3	Ci.	S.-Cu.	6	Ci.-S.	S.-cf. NE
2	N	N	NE	NE	NE	Calm	63	60	72.4	31.1	226.5	6	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
3	NNE	N	NE	NE	NNE	NNE	25.9	77.4	87.2	24.1	214.6	5	Ci.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
4	Calm	Calm	NNE	Calm	NNE	N	14.2	43.1	45.9	30.6	133.8	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
5	Calm	Calm	NE	S	N	N	20.7	44.5	45.4	25.7	136.3	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. ENE
6	Calm	Calm	S	SW	Calm	Calm	16.7	30.8	49.6	19.3	116.4	10	Ci.-S.	N. NE	8	A.-Cu.	S.-Cu. ENE
7	N	N	E	ENE	NE	N	28.2	47.3	60.7	30.9	167.1	0	------	S.-Cu.	2	------	Cu. NE
8	Calm	Calm	ENE	ENE	N	Calm	23.5	43	52.1	21.5	140.1	7	Ci.-S.	S.-Cu. ENE	3	Ci.	Cu. E
9	Calm	N	S	SW	Calm	N	21.2	39.7	52	22.7	135.6	0	Ci.	S.-Cu.	3	------	Cu. E
10	N	Calm	S	SW	Calm	Calm	26.6	34.6	39.9	21.2	122.3	7	------	S.-Cu. NE	8	A.-Cu. SE	S.-Cu.
11	Calm	N	NNE	SW	Calm	N	24.9	42.4	30.8	24.9	123	4	Ci.-S.	S.-Cu.	9	Ci.-S.	N. ENE
12	Calm	Calm	Calm	NE	NE	NE	19	25.7	49.6	37.8	132.1	8	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. ENE
13	Calm	NNE	NE	Calm	Calm	Calm	25.2	47.7	27.6	19	119.5	10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
14	Calm	NE	NE	ENE	NE	Calm	21.2	44.1	51.7	19.3	136.3	9	A.-Cu.	S.-Cu. ENE	7	A.-Cu.	S.-cf. E
15	N	N	NE	ENE	NE	Calm	29.5	40	61.5	23.6	154.6	3	Ci.	S.-Cu.	7	A.-Cu. SSE	S.-Cu.
16	Calm	Calm	NE	ENE	NE	NE	24.1	49.9	66.3	29.5	169.8	0	------	------	4	------	Cu. NE
17	Calm	N	NE	NE	NE	Calm	19.6	59	84.5	25.7	188.8	7	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu. NE
18	Calm	Calm	NE	ENE	NE	Calm	25.7	59	75.3	37.8	197.8	3	Ci.	S.-Cu.	1	------	Cu. NE
19	NNE	NNE	NE	ENE	NE	NNE	27.1	68.7	66.8	36.7	199.3	2	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu. ENE
20	NNE	NNE	Calm	NE	Calm	Calm	25.4	39.2	46.5	24.7	135.8	8	A.-Cu. SE	S.-Cu.	9	Ci.-S.	S.-Cu. NE
21	Calm	NNE	NE	ENE	NE	Calm	24.1	49.1	43.8	21.2	138.2	3	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu. ENE
22	Calm	NNE	NE	SSW	Calm	NNE	16.1	40.4	57.3	25.5	139.3	3	Ci.	S.-Cu.	5	------	Cu. E
23	NE	Calm	ENE	SSW	ENE	Calm	27.7	43.5	46.7	25.5	143.4	0	------	------	3	------	Cu. E
24	Calm	Calm	NE	ENE	Calm	NE	21.1	54.7	46.9	25.5	148.2	10	Ci.-S.	Fr.-S.	9	Ci.-S.	S.-Cu. ENE
25	Calm	NE	NE	ENE	Calm	Calm	24.9	55.3	39.9	28	148.1	5	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	S.-cf. ENE
26	Calm	N	E	SW	N	N	23.9	39.1	62.2	36.7	161.9	0	------	------	4	------	Cu. E
27	Calm	Calm	NE	N	N	N	15.9	34.8	38.3	35.4	124.4	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
28	NNE	Calm	NE	S	ENE	Calm	27.2	59.5	49.3	29.3	165.3	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	24.9	48.7	56.5	27.9	158	5.2	------	------	6.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,422.6	------	------	------	------	------	------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.02	60.72	61.64	59.35	59.93	61.52	23.4	21.8	30	29.1	27	24	32.9	21.6	95	97	69	79	75	93	------
2	60.49	60.90	61.25	58.83	59.15	60.58	22.2	21.2	29.5	32.3	26.1	25	33.1	21	96	97	68	56	85	91	------
3	59.50	59.58	60.49	58.61	58.77	60.68	22.9	21.5	29.7	28.5	25.5	24.3	30.9	21.3	96	97	70	84	96	96	6.6
4	59.59	59.95	60.66	57.97	58.38	60	22.5	21.6	28.5	32	27.1	24.8	32.8	21.2	96	97	78	61	75	88	------
5	59.32	59.29	60.43	57.78	58.36	59.88	23.1	22.2	28.6	29.5	27.5	24.8	31	22.1	96	96	77	72	78	95	------
6	58.76	59.20	60.02	57.80	58.41	60.13	23.8	22.5	29.5	28.5	26.5	24.3	31.2	22.3	96	97	71	83	81	94	8.7
7	58.79	58.98	59.58	58.81	58.08	58.96	22.9	21.9	28	25.6	25.3	24.1	29.7	21.7	96	97	79	94	95	96	19.1
8	57.63	57.85	58.85	56.53	57.20	58.35	23.1	22.3	27.4	31	27.4	25.1	31.5	22.1	96	97	81	72	87	92	------
9	57.57	57.67	58.44	56.27	56.79	58.16	23.8	22.5	27.8	28.8	28.3	24.4	30.2	22.4	94	96	80	77	86	91	2.5
10	57.62	58.24	59.59	57.83	58.51	60.10	21.9	20.8	27.7	29.3	26	22.9	30.1	20.7	95	97	78	74	86	94	2.5
11	58.53	59.12	59.98	57.90	58.24	59.79	21.9	21.9	28.7	28.5	26.5	23.7	30.7	21.7	96	97	75	82	89	95	4.5
12	59.22	59.30	59.85	57.27	57.40	58.88	22	21.3	28.2	31	27	24.5	31.9	21.1	96	97	79	72	86	92	3.8
13	58.34	58.74	59.55	57.25	57.59	58.95	22.9	22	28.8	30.9	28	24.7	32.2	21.9	96	97	79	73	82	94	------
14	58.58	59.30	60.25	57.73	58.64	60.79	23.1	22.6	29.3	32.7	27.8	25	33.6	22.2	96	97	77	64	81	92	------
15	59.71	60.10	60.47	58.57	58.86	60.21	22.9	21.5	30.5	32.5	27.3	24.5	33.9	21.4	96	97	71	58	77	94	------
16	59.23	59.46	60.34	57.85	58.41	60.05	23.3	22.5	30	33.1	27.6	24.3	34	22.4	96	97	69	61	79	94	------
17	59.60	59.77	60.39	57.82	57.93	60.01	23.9	22.1	30.6	30.5	28.1	23.7	34.4	22	96	97	69	74	79	94	------
18	59.37	59.54	60.49	58.50	58.20	60.03	22	21.8	30.9	30.7	27.6	24.1	33.8	21.6	96	96	59	66	81	95	------
19	58.87	58.77	59.83	58.17	58.52	60.03	23	23.6	31	33.5	27.9	23.2	33.9	22.5	96	91	58	47	65	95	------
20	59.67	59.84	61.09	58.65	58.68	60.81	21.7	21	30	29.4	28.1	22.7	32.5	20.8	96	96	62	66	71	96	------
21	59.59	59.50	59.74	57.63	57.30	59.02	20.9	19.5	28.8	29.5	27.2	23.8	30.6	19.3	95	95	66	63	77	95	------
22	57.93	58.38	59.63	57.41	57.69	59.32	21.7	20	29.5	33	27	24.8	33.5	19.8	96	95	64	55	78	92	1.5
23	58.38	58.44	59.35	57.33	57.69	59.53	22.2	20.7	30.9	30.3	27.7	23.6	33.7	20.5	95	96	56	63	78	95	------
24	59.29	59.35	60.88	59.13	59.13	60.94	21.9	20.3	30	30.3	27.6	22.9	33.1	20.1	96	95	55	60	74	94	------
25	60.47	60.62	61.37	58.97	59.17	61.01	21.6	21.2	30.4	34.9	27.6	24.1	35.6	21	95	95	66	42	70	94	------
26	60.37	60.05	61.13	59.16	59.72	61.49	22.7	21	31.6	34	26.7	21.7	35.2	20.8	95	95	49	39	59	93	------
27	60.62	60.72	61.23	58.80	59.39	61.75	20.2	20	30.2	33.7	28.4	23.4	34.9	19.6	94	94	66	43	64	93	------
28	60.70	60.91	61.57	59.45	59.65	61.23	21.6	22.5	31	30	26	24	33.5	21.3	95	92	64	73	94	94	12.7
29	60.85	60.81	61.53	59.20	59.39	61.34	22.1	21.2	28.4	29.5	28.1	24.1	33.2	20.9	96	96	71	70	70	94	------
30	60.43	60.63	61.54	59.28	59.53	61.54	21.9	20.5	30	32.3	27.3	24.3	33.3	20.1	96	95	60	57	73	90	1.5
31	60	60.45	61.09	58.73	59.33	61.19	22.9	21	30.4	30.3	26.8	22.9	31.4	20.9	94	96	66	64	67	93	------
Mean	59.32	59.55	60.40	58.21	58.52	60.20	22.5	21.5	29.5	30.8	27.2	24	32.7	21.2	95.6	95.9	68.8	65.9	78.6	93.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	63.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	SW	NE	NE	20.3	43	56.9	24.7	144.9	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-cf. N
2	Calm	N	NE	NE	NE	Calm	16.3	56.5	65.4	30.9	169.1	1	------	S.-Cu.	3	------	Cu. NE
3	Calm	N	ENE	SW	Calm	NNE	16.6	42.1	36	29.3	124	0	------	S.-Cu.	6	------	Cu.-N. ENE
4	Calm	NNE	ENE	E	ENE	NE	23	42	61.2	30.6	156.8	5	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. E
5	NE	NNE	SSE	SW	NE	NE	26.2	48	48	32.5	154.7	2	Ci.	S.-Cu.	5	Ci.	Cu. E
6	NNE	NNE	E	SW	NNE	Calm	25.7	46.2	45.4	17.5	134.8	4	Ci.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. E
7	Calm	N	SSW	SSW	Calm	Calm	26.8	40.5	43.2	22.3	132.8	4	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. E
8	N	N	SSW	SW	NE	Calm	25.5	35.4	56.1	26.9	143.9	4	Ci.	S.-Cu.	5	Ci.	Cu. E
9	Calm	N	SSE	SSW	Calm	Calm	19.1	37.3	38.8	21.1	116.3	5	Ci.-S.	S.-Cu.	6	Ci.-S. SE	S.-cf. ENE
10	N	N	S	SW	Calm	Calm	28.8	37.6	57.3	24.7	148.4	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. E
11	N	Calm	ENE	SW	Calm	Calm	29	41	41.8	22.7	134.5	8	Ci.-S.	S.-Cu. NE	4	------	S.-cf. ENE
12	N	N	S	SW	NE	Calm	34	42.8	53.9	25.2	155.9	3	Ci.	S.-Cu.	1	------	Cu.
13	N	N	S	SW	NNE	Calm	30.6	45.4	56.8	24.3	157.1	0	Ci.	S.-Cu.	1	------	Cu.
14	N	N	S	NNW	NE	Calm	28.8	35.6	57.4	26.2	148	9	Ci.-S.	S.-Cu. NE	3	------	Cu. NNW
15	Calm	Calm	ENE	ENE	NE	Calm	17.9	66	88	31.4	203.3	2	------	S.-Cu. NE	4	------	Cu. NE
16	N	N	NE	ENE	NE	N	39.2	46.5	60.4	43.1	189.2	2	Ci.	S.-Cu.	3	Ci.	Cu. NE
17	N	Calm	ENE	SW	NE	Calm	28.8	50.5	51.5	25.7	156.5	3	Ci.	S.-Cu.	6	Ci.	Cu. NE
18	N	Calm	E	SW	Calm	NE	27.1	47.2	54.1	28.8	157.2	2	Ci.	S.-Cu.	6	------	Cu. E
19	NNE	NE	ENE	E	E	Calm	35.4	78.9	74.6	25.2	214.1	4	------	S.-Cu. ENE	2	------	Cu. E
20	N	N	E	SSW	NNE	N	34.3	51.2	44.6	27.7	157.8	2	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. E
21	Calm	N	S	SW	N	Calm	29.5	41.2	70.6	25.9	167.2	0	Ci.	------	0	Ci.	Cu.
22	N	N	SSE	SW	NE	Calm	30.3	39.2	58.4	26.2	154.1	0	------	------	2	Ci.	Cu.
23	N	N	ENE	SW	NNE	Calm	26.2	42.3	61.5	24.1	154.1	0	------	------	1	------	Cu.
24	N	N	SSE	SW	Calm	N	25.1	49.1	56.8	27.9	158.9	0	------	------	1	------	Cu.
25	Calm	N	ENE	ENE	NNE	Calm	30.4	54.4	72.6	31.6	189	2	------	S.-Cu.	2	Ci.	Cu. E
26	Calm	Calm	ENE	E	ENE	N	22.5	56.1	81.8	34.8	195.2	0	Ci.	Cu.	4	------	Cu. E
27	N	Calm	NE	ESE	Calm	Calm	33.6	52.3	63.4	30.1	179.4	2	Ci.	S.-Cu.	5	Ci.	Cu. E
28	N	N	E	SW	Calm	N	25.4	52.9	46.2	16.6	141.1	8	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. E
29	N	Calm	SSE	SW	NNE	N	23.1	39.2	61.2	45.9	169.4	4	Ci.	S.-Cu.	3	------	Cu. E
30	N	Calm	ENE	ENE	NE	NE	27.2	53.9	51.5	28.5	161.1	2	Ci.	S.-Cu.	6	Ci.-S.	S.-cf. E
31	Calm	NNW	S	SW	ENE	N	24.9	40	52.9	32.4	150.2	2	Ci.	Cu.	4	Ci.	Fr.-Cu. ENE
Mean	------	------	------	------	------	------	26.8	46.9	57	27.9	158.7	2.9	------	------	4.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,919	----	------	------	------	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.98	60.21	60.79	58.59	58.93	60.55	22.2	21.4	31.1	29	27.3	23.1	33.7	21.3	95	97	63	74	73	94	------
2	59.74	60.12	60.13	57.56	57.99	59.75	21.3	20.5	29.5	29.3	26.6	24.1	30.5	20.3	95	96	65	68	86	94	------
3	58.97	59.16	60.03	57.49	58.44	59.98	21.8	20.5	27.5	30.5	27	24.2	33.1	20.3	95	95	66	63	67	86	------
4	59.32	59.42	60.34	58.23	58.83	60.84	23.8	23.6	29.5	32	28	23.8	32.7	22.1	88	88	68	62	77	95	------
5	59.83	59.94	60.28	58.35	59.07	60.87	21.3	20.3	30	26.8	24	23.6	32.2	20.1	95	95	59	80	96	96	6.8
6	59.38	59.30	60	58	58.18	59.91	22.7	21.4	29.7	26.3	24.1	23.9	31.8	21.2	96	96	68	87	92	92	11.4
7	58.67	58.60	59.45	57.54	58.15	59.92	23.2	21.7	29	29.3	27.7	23.8	30.3	21.5	95	97	69	72	80	95	------
8	59.36	58.94	60.29	53.25	58.47	60.02	21.2	20.4	30.1	29.5	28.3	22.9	32.6	20.3	96	96	62	69	70	94	------
9	59.63	59.55	59.94	58.20	58.82	60.07	20.4	20.2	29.6	30.7	26.4	23.5	31.6	20	96	96	66	65	86	95	1.8
10	58.99	59.45	60.03	58.17	57.79	59.76	22.7	21.5	30	33	28.1	25.8	34.3	21.3	97	97	65	46	72	86	------
11	58.77	58.76	59.22	57.74	58.56	59.89	24.7	23.8	30	25.3	25	24.4	33.7	23.6	92	95	72	94	95	96	44.7
12	58.58	58.02	59.47	58.37	58.26	59.95	24	23.8	24.9	28.8	27.6	25.2	29.3	23.5	96	97	96	78	84	90	1
13	59.27	59.91	60.85	58.33	59.26	60.81	24.9	24.8	28.9	29.5	26.1	25.2	30.8	24.5	90	90	78	76	90	93	1.3
14	59.79	59.76	60.97	59.45	59.54	60.05	24.6	23.6	29	25.8	25	23.7	30.2	23.2	95	97	77	96	93	95	3.8
15	59.34	59.32	60.10	57.90	58.73	59.91	23.1	22.8	29.4	28.6	24.9	24	30	22.6	96	97	79	81	95	95	5.1
16	58.82	58.69	59.64	56.99	57.77	59.83	23.1	22.7	28.7	30	28.3	26	31.2	22.5	96	97	77	72	79	90	------
17	59.16	59.42	60.22	57.78	57.96	60.31	24.6	23.7	29.6	30	27.3	25.4	31.2	23.4	94	96	70	72	81	92	------
18	59.60	59.64	60.49	58.43	59.38	61.40	23.7	22.8	29.9	30.2	25.6	24.2	32.4	22.6	95	97	69	74	88	94	------
19	60.20	59.58	60.13	58.05	58.82	60.95	22.8	21.9	27.7	28.2	26.3	24.6	30.5	21.7	96	96	76	84	90	93	6.1
20	60.12	59.78	60.42	58.53	58.95	60.90	22.2	22	30.9	31.5	27.2	25.3	33.5	21.8	96	96	64	62	86	93	4.1
21	59.87	59.79	60.67	58.25	58.72	61.03	23.8	23.2	31.6	32.4	27.5	23.7	34	22.6	95	95	64	60	74	94	------
22	60.22	60.10	60.34	58.44	58.20	60.05	22.5	22.2	31.2	30.7	27.5	24.8	33.4	22	95	96	65	78	78	92	------
23	59.27	58.82	59.49	57.41	57.42	58.70	23.7	23.8	30.4	33.9	28.1	24.9	34.6	23.1	97	96	70	59	77	92	------
24	58.04	57.93	58.63	56.54	56.80	58.80	22.4	21.9	28.8	27.1	27.5	25.1	30.6	21.6	94	96	77	88	79	92	6.6
25	58.01	58.04	58.40	56.95	57.46	59.34	23.2	22.4	30.7	26.8	27	24.4	32.1	22.3	94	96	68	91	83	95	10.4
26	58.54	58.47	59.07	56.83	57.51	59.17	22.7	22.6	30.6	32.4	27.7	25.3	33.6	22.4	96	97	73	64	78	93	.5
27	58.07	57.99	59.02	56.65	57.69	58.87	23.6	22.7	30.8	33.5	28.4	25.1	34.2	22.5	94	97	70	57	75	93	------
28	57.91	57.87	58.09	56.48	57.24	59.05	24.6	24.1	30.5	27.7	26.8	25.1	31.1	23.8	94	97	74	91	91	92	11
29	58.31	58.26	58.53	56.55	57.15	58.37	24.2	23.1	29	30.3	26.9	25.2	31.1	22.8	95	97	81	74	85	93	2.5
30	57.64	57.95	58.30	55.75	56.50	58.12	24.4	22.8	31	30	28.5	25	34.5	22.6	95	97	66	69	78	92	------
Mean	59.11	59.09	59.78	57.73	58.22	59.91	23.1	22.4	29.7	29.6	26.9	24.5	32.2	22.1	94.8	95.8	70.6	73.5	82.6	92.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	117.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	ENE	SSW	N	Calm	27.4	48	58.2	29.3	162.9	4	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. E
2	Calm	N	SE	SW	N	N	32.8	49.3	50.4	30	162.5	5	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. ENE
3	Calm	N	S	SW	NNE	N	27.2	38.3	52.5	38.3	156.3	3	Ci.	S.-Cu.	7	Ci.-S.	S.-cf. E
4	Calm	NNE	S	SW	Calm	Calm	21.5	45.3	56.3	22.8	145.9	9	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu. ENE
5	Calm	Calm	E	W	Calm	Calm	28	50.9	48.9	14.5	142.3	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N. ENE
6	Calm	N	E	Calm	Calm	Calm	24.3	43	39.6	24.4	131.3	6	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. ENE
7	Calm	Calm	SE	SW	Calm	Calm	21.4	40.2	56.5	22.3	140.4	4	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-cf. ENE
8	N	N	S	SW	Calm	Calm	32.8	42	62	28.5	165.3	2	Ci.	S.-Cu.	1	------------	Cu.
9	Calm	N	E	SW	Calm	Calm	26	47.2	48.1	24.4	145.7	2	Ci.	S.-Cu.	6	Ci.	Cu. ENE
10	Calm	N	ENE	ENE	NE	Calm	20.7	54.4	57.7	23.3	156.1	3	Ci.	S.-Cu.	7	Ci.-S.	Cu. NNE
11	Calm	Calm	NE	SW	NE	Calm	18.7	40.7	44.6	27.9	131.9	8	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N.
12	NE	Calm	Calm	SE	SE	Calm	22.7	24.3	33	37	117	10	Ci.-S.	Fr.-N.	9	Ci.-S.	S.-Cu. ESE
13	Calm	E	SE	SSE	SE	NE	23.1	55.3	63.6	27.1	169.1	8	A.-Cu.	S.-Cu. SE	8	A.-Cu.	S.-Cu. SE
14	Calm	Calm	S	N	N	Calm	23.1	31.9	37.3	24.6	116.9	5	A.-Cu. SE	S.-Cu.	10	Ci.-S.	N.
15	N	Calm	SSE	Calm	Calm	Calm	26.2	36.8	40.5	19.9	123.4	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
16	N	Calm	SSE	SSW	Calm	Calm	28.5	31.7	36.7	19.6	116.5	8	Ci.-S.	S.-Cu.	4	Ci.	Cu.
17	Calm	Calm	S	SW	N	Calm	21.7	53.6	52.5	21.9	149.7	7	Ci.-S.	S.-Cu.	5	Ci. SE	Cu.
18	Calm	NE	S	Calm	Calm	Calm	27.9	41	39.2	18.8	126.9	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
19	N	N	S	SW	Calm	Calm	29.3	34.3	42.8	27.4	133.8	3	Ci.	Cu.	5	Ci.-S.	Cu.-N. E
20	Calm	N	ESE	SE	SE	Calm	27.1	40.2	41.3	24.7	133.3	2	Ci.	S.-Cu.	6	Ci.	Cu. E
21	Calm	Calm	SE	SE	SE	Calm	19	44.8	55.3	27.1	146.2	2	------------	S.-Cu.	4	------------	Cu. E
22	Calm	N	E	SW	Calm	NE	25.4	46.1	50.9	26.8	149.2	0	------------	Cu.	3	------------	Cu.
23	Calm	Calm	E	E	ENE	Calm	25.9	44.3	64.6	32.2	167	0	------------	S.-Cu.	4	------------	Cu. E
24	Calm	Calm	S	W	Calm	Calm	17.7	46.7	30.1	29.5	124	3	Ci.	S.-Cu. NE	7	Ci.-S.	Cu.-N. ENE
25	Calm	Calm	SE	SE	Calm	Calm	15.8	39.7	34.4	22.8	112.7	3	Ci.	S.-Cu.	9	Ci.-S.	N. E
26	NNE	Calm	E	E	ENE	Calm	24.6	50.1	42.4	27.1	144.2	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
27	Calm	Calm	E	E	ENE	Calm	20.4	57.1	83.9	31.7	193.1	2	Ci.	Cu.	4	Ci.	Cu. E
28	Calm	Calm	ESE	W	Calm	Calm	31.1	35.1	51	21.9	139.1	6	------------	S.-Cu. ENE	6	Ci.-S.	Cu.-N. ENE
29	Calm	Calm	ENE	E	ENE	Calm	18.7	47	52.3	29.6	147.6	5	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. ENE
30	Calm	Calm	NE	W	NE	Calm	21.7	49.4	53.1	19	143.2	4	Ci.	Cu.	7	A.-Cu.	Cu.-N. ESE
Mean	------	------	------	------	------	------	24.4	43.6	49.3	25.8	143.1	4.7	------------	------------	6.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,293.5	----	------------	------------	----	------------	------------

CALBAYOG.

[$\phi=12°$ 04′ N ; $\lambda=124°$ 36′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.80 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.83	57.17	57.90	55.99	56.63	58.40	23.5	23	31.4	31	28	24.6	33.6	22.1	96	97	63	71	77	87	------
2	57.19	57.32	57.74	55.99	57.18	58.65	23.2	22.3	29.4	31	25.8	24.9	32.9	22	94	95	73	67	89	92	9.7
3	57.83	58.31	58.92	57.91	57.66	58.68	24.3	24	27.4	24.7	24.6	23.5	28.8	23.2	96	97	82	94	95	96	24.9
4	57.67	56.97	57.41	55.51	55.67	56.77	22.7	24	29.5	27.4	26	23.6	29.7	22.7	97	96	77	87	88	91	11 2
5	54.97	53.74	52.69	47.27	42.95	49.03	24	24.1	24.7	24	23.8	23.6	25	23.1?	91	91	92	92	-----	-----	94.3
6	52.65	54.24	56.20	55.06	56.91	58.61	24.4	24.5	26.6	28.7	25.6	24	29	23.8	-----	92	91	80	91	96	5.1
7	57.28	57.72	58.55	56.77	57.78	59.20	23.6	23.1	28.5	29.5	25.7	24.6	29.9	22.5	95	97	77	73	93	95	4.3
8	58.09	58.30	58.20	56.40	57.33	59.16	23.2	22.7	28.7	30.5	28.5	26.5	31	22.7	97	97	80	76	81	85	------
9	57.58	57.32	58.27	56.57	56.97	58.45	26	25.5	30.1	30.1	28.6	25.5	30.5	24	84	85	74	71	78	93	------
10	57.75	57.84	58.87	57	57.28	58.92	25.5	27	29.8	30.3	29	25.5	31	24.9	94	91	75	71	74	92	.3
11	58.15	59.15	59.31	57.74	58.52	60.13	24.8	25.8	30.6	30.6	29	26.1	31.8	24.6	95	86	74	72	80	91	------
12	59.80	60.14	60.22	58.28	58.74	60.35	26.6	25.5	31.4	31.2	29.5	26.8	32.5	25.2	87	89	68	75	79	86	------
13	58.95	59.56	59.92	57.16	57.58	59.20	25.1	23.5	31.2	31.4	30.6	27.6	32	23	91	93	68	71	71	84	------
14	57.95	58.62	58.92	56.71	57.23	58.90	25.5	24.5	31.5	32.4	30.5	27.1	32.8	24	89	91	68	64	68	87	------
15	57.95	58.62	59.41	57.73	57.64	59.96	25	23.6	31.4	31	29.5	25.1	32	23.1	88	92	68	66	68	91	------
16	59.17	59.42	59.98	57.52	58.77	60.75	24	23.7	31	31.5	30.6	25.2	32.5	22.5	94	95	71	66	72	87	------
17	59.75	60.09	60.63	58.93	58.90	60.53	23.8	23.5	30.7	30.4	27.4	25	32	22.7	93	93	70	67	81	92	------
18	59.63	60.13	60.39	58.97	59.06	60.98	23.3	22.7	30.5	28.5	27.5	25.1	32	22.1	92	95	68	84	88	91	1.1
19	59.42	59.57	60.17	58.73	58.65	60.23	24.4	24.2	30.4	28.6	27.5	25	33	23.8	92	94	72	80	90	93	7.3
20	59.23	59.40	60.08	58.71	58.45	60.05	23.8	23	28.1	27	26.1	24.1	30.9	22.5	93	96	80	86	90	94	17.2
21	58.74	58.98	59.06	57.38	57.85	59.51	23.8	23.5	28.7	28.6	27.8	25.5	30.3	23.2	95	96	76	76	79	93	6.9
22	58.52	58.58	58.24	56.69	57.52	59.50	23.7	23.8	29.5	30.5	26	25.3	31.5	23.5	96	96	71	67	89	93	8.2
23	57.77	57.78	57.83	56.29	56.84	58.31	24.3	24.1	28.9	31	27.7	25.6	31.7	23.4	94	95	73	69	79	91	1
24	57.47	57.62	58.05	56.39	56.98	58.76	24.5	24.1	28.7	29	25.5	24.7	31.2	23.9	94	95	75	78	93	94	------
25	58.44	58.72	59.63	57.88	58.26	59.73	23.9	23.5	28.8	30	28	26.6	31.5	23	95	95	74	66	77	86	------
26	58.91	59.37	59.54	58.34	59.12	60.40	25.3	24	30.5	29.4	26.6	25	31.2	23.6	94	95	68	75	84	93	9.9
27	59.18	59.77	59.74	57.79	57.79	59.38	24	23.5	29.5	30.2	28.8	26.3	31.4	22.9	95	96	72	67	76	89	1
28	58.54	58.73	59.07	57.08	57.28	59.03	24.3	23.3	29.5	30.3	26.5	24.6	32.5	22.7	94	96	71	71	85	94	------
29	58.24	58.57	59.05	57.53	57.71	59.38	23.2	22.5	30.1	28.5	25.6	24.6	31.3	22.3	96	96	71	80	90	94	2.1
30	58.72	59.18	59.42	57.42	57.69	59.75	23.1	22.9	30	31	28	25.3	32.6	22.6	96	97	71	69	82	94	------
31	58.81	59.22	59.39	57.81	58.82	58.85	24	23.9	32.1	31.1	26.1	25	35.5	23.4	95	95	64	70	85	92	2.5
Mean	58.10	58.39	58.80	56.95	57.28	59.02	24.2	23.8	29.7	29.7	27.4	25.2	31.4	23.2	93.4	94	73.5	74.2	82.4	91.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	207

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NNE	NE	WSW	NNW	Calm	25.5	44	52.8	18.7	141	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NE
2	Calm	Calm	N	NNE	N	Calm	15.1	40.7	49.9	25.9	131.6	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
3	Calm	Calm	NNE	Calm	Calm	Calm	17.2	37.3	15.6	12.9	83	9	Ci.-S.	Cu.-N. NE	10	------------	N.
4	Calm	Calm	NNW	NNW	Calm	NNW	18.8	47.5	53.9	30.8	151	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NNE
5	N	NNW	NNW	NNE	NNE	E	55.7	104.4	246.2	290.9	697.2	10	------------	N. NEbyN	10	------------	N.
6	E	ESE	SE	ESE	Calm	Calm	126.3	63.8	43.7	24.7	258.5	10	------------	N. SSE	9	Ci.-S.	Cu.-N.
7	Calm	Calm	SE	S	Calm	Calm	21.1	50.2	44.9	19.1	135.3	5	Ci.-S.	Cu.-N.	1	A.-Cu.	Cu.
8	Calm	Calm	SSE	SSW	Calm	Calm	23.3	38.4	31.7	15.9	109.3	5	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.
9	Calm	Calm	ESE	WSW	Calm	Calm	23.1	44.6	36.5	19.3	123.5	3	Ci. NWbyN	Cu.	3	Ci.-S.	Cu.
10	Calm	SSE	SSE	SW	Calm	Calm	26.8	43.3	55.5	20.7	146.3	7	Ci.	Cu.-N. S	2	A.-Cu.	Cu.
11	Calm	Calm	SE	SW	Calm	Calm	21.9	39.9	34	19.1	114.9	9	------------	Cu.-N. S	1	Ci.-S.	Cu.
12	Calm	E	ESE	SW	Calm	Calm	29.8	50.2	32.7	23.1	135.8	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
13	Calm	N	SE	SSW	Calm	E	27.6	39.7	35.6	24.7	127.6	0	Ci.	Cu.	0	Ci.	Cu.
14	Calm	Calm	ESE	WSW	Calm	E	20.6	52.5	38.6	26	137.7	0	Ci.	Cu.-N.	0	Ci.	Cu.
15	Calm	Calm	SSE	SSW	W	N	21.7	45.1	37.8	29.2	133.8	0	Ci.	Cu.	0	Ci.	Cu.
16	NE	E	SE	WSW	Calm	Calm	33.6	42.3	46.2	27.7	149.8	1	Ci.	Cu.-N.	0	Ci.	Cu.
17	E	Calm	SSE	Calm	Calm	E	33.3	48.9	59	28.5	169.7	0	Ci.	Cu.	8	Ci.-S.	Cu.-N.
18	ENE	N	ENE	N	Calm	Calm	36	38.3	43.7	23.6	141.6	0	Ci.	Cu.	10	------------	N.
19	NE	Calm	NNE	Calm	Calm	Calm	30.1	37.8	24.7	22.5	115.1	8	------------	S.-Cu.	9	------------	N.
20	Calm	N	S	Calm	N	N	28.5	41.8	39.2	31.4	140.9	0	Ci.	Cu.	10	------------	N.
21	N	Calm	S	SW	Calm	N	30.6	36.7	34.1	29.3	130.7	0	------------	S.-Cu.	9	Ci.-S.	Cu.-N. E
22	N	Calm	S	WSW	Calm	Calm	21.4	44.6	44.5	26.9	137.4	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E
23	Calm	Calm	S	SW	Calm	N	19.9	40.4	36.5	29.6	126.4	5	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
24	N	Calm	S	SE	N	N	24.1	40.2	47.5	31.2	143	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ESE
25	N	Calm	S	SSW	Calm	Calm	30.1	34.4	42.6	18.5	125.6	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
26	Calm	Calm	S	N	N	Calm	22.2	42.3	45.4	23.9	133.8	7	A.-Cu.	S.-Cu. ESE	8	Ci.-S.	Cu.-N. ESE
27	N	N	S	Calm	Calm	Calm	31.6	43.5	36.5	29	140.6	0	------------	Cu.	6	Ci.-S.	Cu.-N.
28	N	N	S	Calm	N	N	25.5	45.9	34	35.2	140.6	2	Ci.	Cu.	5	Ci.-S.	Cu.-N.
29	N	Calm	S	Calm	N	Calm	29.6	34.9	30.3	28	122.8	0	------------	Cu.	7	Ci.-S.	Cu.-N. E
30	N	Calm	S	S	NNE	Calm	35.1	35.4	43.7	19.6	133.8	0	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
31	N	N	ENE	S	E	Calm	27.1	63.1	57.1	27.2	174.5	0	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	30.1	45.6	47.6	33.3	156.5	3.8	------------	------------	5.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,852.8	----	------------	------------	----	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.13	58.19	58.64	57.38	57	58.46	24.1	24.2	31.7	26.7	28.8	26.4	33.1	23.7	95	95	65	83	76	89	2.5
2	57.90	58.13	58.35	56.27	57.30	58.81	24.9	24.2	31.7	31.3	28	26	33.4	23.7	94	95	64	71	82	92	11.7
3	57.95	58.28	58.49	56	56.53	58.50	25	24.9	28.6	28.6	27.3	25.6	29.9	24.6	93	94	75	73	85	88	2.8
4	57.14	57.24	57.90	56.13	56.67	58.79	24.2	23.7	28.6	30.4	27	26.2	31.1	23.4	95	97	76	73	87	89	5.8
5	57.47	57.07	57.03	55.33	55.78	57.85	24.7	24.2	29.5	30.5	28.9	26.3	31.8	23.9	94	96	72	68	77	90	------
6	57.10	57.41	58.09	56.71	56.71	58.37	24.7	23.9	30	26	28	25.4	30.5	23.6	94	95	71	89	86	93	3
7	57.64	57.79	57.60	56.18	57.05	58.30	24	23.3	30.4	29.7	26.4	24.9	32.8	23	94	96	67	71	89	94	3.8
8	57.74	57.95	58.35	57.38	57.31	58.97	23.8	23.3	29	26.2	28.1	24.9	31.1	23.1	95	95	74	88	80	94	1.5
9	58.27	59.08	59.10	56.84	57.22	59.34	23.8	22.8	29.5	31	28.4	25.5	32.1	22.4	96	96	71	67	79	94	------
10	58.81	59.25	59.34	57.14	57.81	60.13	24	22.8	30.5	30.8	26.5	25.2	31.7	22.6	95	97	68	68	88	95	1.8
11	58.72	59.20	59.49	57.83	58.11	58.91	24	23	30.5	31.2	28.4	24.8	32.7	22.7	96	97	69	60	74	93	------
12	58.84	59.04	59.30	57.26	57.39	59.39	23.8	23	30.3	31.1	30.4	27.3	32.1	22.5	96	97	65	60	64	81	------
13	58.65	59.04	59.28	57.33	58.90	59.76	24.8	23.9	31	31	25.1	24.6	33.2	23.5	93	95	66	65	91	93	------
14	59.27	59.31	59.34	57.35	57.80	59.85	24.1	23.8	30.6	29.7	29.4	26.7	31.7	23	95	96	68	77	77	86	------
15	58.82	59.14	58.97	57.34	57.25	59.53	24.8	24	30.6	29.5	27.6	25.8	32.1	23.6	93	95	68	66	86	93	.5
16	57.92	58.06	58.66	57.27	57.90	59.66	24.8	24.2	29.1	29.3	26	25.2	31.6	23.5	94	95	74	75	90	94	------
17	58.16	58.91	59.43	57.72	58.10	60.14	24.1	24	29.5	30.7	28.6	26	31.7	23.3	95	95	75	69	78	92	------
18	59.60	59.95	60.11	58.34	58.67	60.33	24.9	24	30.6	30.1	26.2	24.9	31.7	23.8	94	96	68	69	88	94	------
19	59.80	60.87	60.89	59.01	59.49	60.53	23.9	23.8	30.7	30.4	25.3	25.1	33.4	23.2	96	97	67	72	94	94	2
20	59.81	60.29	60.20	58.19	58.61	60.06	24	23.2	30.5	31.9	27	26.4	32.4	22.7	96	97	72	65	89	90	1.3
21	59.52	59.69	59.23	58.43	58.21	59.41	24.9	24.3	29.7	30.5	27.6	25.7	32.1	23.8	95	97	78	71	84	93	------
22	59.33	59.51	59.33	57.72	58.74	60.50	24.3	23.5	30.6	31	29.9	27.1	32.1	22.9	94	97	73	70	75	85	------
23	59.85	60	59.83	58.18	58.87	60.05	25.4	24.2	30.9	31.8	29.1	25.4	33.3	23.6	95	96	71	67	78	94	------
24	59.07	59.77	60.09	58.26	59.28	60.14	23.9	23.8	30.8	31.5	25.3	24.2	32.7	23.2	96	96	72	61	91	94	1.8
25	59.72	59.96	59.99	59.25	58.79	60.36	23.7	23	30.3	26.6	27.5	25.2	31.7	22.7	96	97	64	87	83	94	11
26	59.75	59.05	59.49	58.47	59.39	60.65	23.3	23.1	29.1	29.1	24.6	24.2	30.7	22.8	96	97	71	75	92	94	.3
27	59.07	59.23	59.14	57.19	58.92	59.82	23	22.9	30.5	30.6	24.5	24.2	31.6	22.2	97	97	70	70	93	95	1
28	59.31	60.06	60.58	58.99	59	61.18	24	23.9	30	30	26.5	25.4	32.4	23.4	96	97	67	74	86	92	------
29	60.27	60.30	60.94	59.21	59.04	60.31	23.9	23.3	29.9	26.7	29	25.6	30.7	22.8	94	95	74	90	83	93	4.3
30	59.07	59.19	58.64	57.76	57.71	58.97	24.5	23.5	29.7	27.2	27.3	24.9	30.7	23.2	95	97	79	85	87	94	5.6
Mean	58.76	59.03	59.19	57.55	57.98	59.57	24.2	23.7	30.1	29.7	27.4	25.5	31.9	23.2	94.9	96.1	70.5	72.6	83.7	91.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	60.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	E	N	Calm	N	24.3	41.6	33.3	27.6	126.8	7	A.-Cu. SE	S.-Cu.	8	Ci.-S.	N. E
2	N	N	E	SW	Calm	Calm	29.3	45.6	46.9	32.2	154	2	Ci.	Cu.-N.	7	------	Cu.-N. E
3	NE	NE	S	Calm	Calm	Calm	25.7	36.8	20.4	15.1	98	9	Ci.-S.	S.-Cu. ESE	9	Ci.-S.	S.-Cu.
4	N	N	S	S	N	N	25.7	42.6	49.1	28	145.4	0	Ci.	Cu.	6	Ci.-S.	Cu.-N.
5	Calm	Calm	S	SSW	ENE	Calm	24.4	33.6	54.2	23.1	135.3	7	Ci.-S.	S.-Cu.	7	Ci.-S. SE	Cu.-N.
6	NE	NNE	SE	N	Calm	Calm	24.3	35.1	32.4	24.7	116.5	3	Ci.	Cu.	9	A.-Cu.	S.-Cu.
7	N	N	E	Calm	Calm	Calm	28	47.5	36.5	26.6	138.6	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
8	NE	N	S	N	Calm	NE	29.5	41	27.6	30.8	128.9	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
9	N	N	SSE	S	N	Calm	33.6	40	49.7	23.5	146.8	0	Ci.	Cu.	2	------	Cu.-N.
10	N	Calm	SSE	SSW	NNE	NNE	33.5	42.1	49.9	30.1	155.6	0	------	S.-Cu.	4	Ci.	Cu.
11	N	N	S	SW	Calm	N	36.2	45.6	43	27.7	152.5	4	Ci. NNW	Cu.	6	Ci.-S.	Cu.-N.
12	N	N	S	SW	Calm	Calm	33.2	41.2	45.7	21.9	142	0	------	Cu.	0	------	Cu.
13	N	NNE	S	S	N	N	35.2	42.1	46.4	29	152.7	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
14	NNE	NNE	S	SSW	S	Calm	32.8	46.7	51	31.9	162.4	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
15	Calm	NE	S	Calm	Calm	NE	27.1	45.7	32	23.3	128.1	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
16	Calm	NNE	Calm	SSW	Calm	Calm	29.8	26.6	36.8	22.3	115.5	7	Ci.-S.	S.-Cu. ESE	8	Ci.-S.	Cu.-N.
17	Calm	NNE	S	SSW	Calm	Calm	27.2	31.9	39.4	22.2	120.7	4	Ci.	Cu.	6	Ci.	Cu.
18	NNE	NNW	S	Calm	Calm	N	31.6	41.5	34.4	27.4	134.9	0	Ci.	Cu.	8	Ci.-S.	Cu.-N.
19	N	NNW	S	NW	Calm	Calm	35.7	40.5	35.4	21.9	133.5	0	Ci.	Cu.	7	Ci.-S.	Cu.-N.
20	N	N	S	SSW	NNW	NE	33.5	36.7	47.2	29.8	147.2	0	------	Cu.	3	Ci.	Cu.
21	N	NNE	S	SSW	Calm	Calm	28.4	30.4	43.7	20.6	123.1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
22	N	NNE	SSE	SSW	Calm	Calm	30.6	43.1	43.3	24.6	141.6	0	------	Cu.	2	Ci.	Cu.
23	Calm	N	S	SW	Calm	Calm	32	36.7	48.1	24.6	141.4	0	------	Cu.	2	------	Cu.
24	N	N	S	SSW	NE	N	36.4	39.4	55.2	25.5	156.5	0	------	Cu.	7	Ci.-S.	Cu.-N.
25	N	N	S	Calm	Calm	N	35.6	34.1	27.9	23.3	120.9	4	Ci.	Cu.	9	Ci.-S.	Cu.-N.
26	Calm	N	S	ENE	NE	Calm	25.1	36.4	48.3	28.8	138.6	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.ENE
27	NNW	N	S	SSW	NNW	N	27.4	43.7	52.1	36.5	159.7	0	------	S.-Cu.	6	Ci.-S.	Cu.-N.
28	Calm	N	SE	SW	N	Calm	25.7	34	44.5	26.6	130.8	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
29	N	N	S	ENE	Calm	NNW	32.4	40.5	32.4	23.1	128.4	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
30	Calm	N	S	NNE	Calm	Calm	24.1	39.7	29	23.8	116.6	0	------	Cu.	9	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	29.9	39.4	41.2	25.9	136.4	2.8	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,093	------	------	------	------	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.57	58.52	59.11	57.08	57.56	59.41	23.9	23.4	29.2	31.1	25.2	24.9	31.7	23	95	97	76	69	92	93	0.5
2	58.84	59.19	59.78	58.21	58.45	59.88	23.2	22.9	29.7	28	28.1	25.4	31.2	22.7	96	97	71	82	83	94	.8
3	58.74	58.79	59.45	58.42	58.75	59.78	23.9	23.3	29.5	27.1	26.8	24.9	30.1	22.9	95	97	81	87	89	94	2.8
4	58.44	58.37	58.55	57.18	57.63	58.98	24	23.7	30.6	29.8	25.8	24.7	31.7	23.3	96	97	72	73	90	94	.8
5	58.26	57.65	58.09	57.29	57.02	58.49	23.4	23.3	29.1	28	25.4	24.2	30.7	23	97	97	81	81	94	95	2.8
6	57.52	57.60	58.76	57.19	57.97	59.01	23.5	23.3	28.6	30	26.1	25.6	31.3	22.9	97	97	85	72	89	89	------
7	58.35	58.53	58.80	56.98	57.83	59.24	24.1	23.3	30	32.9	29.4	26.8	33.7	22.9	96	97	77	64	79	86	------
8	58.31	58.35	58.31	56.50	57.26	58.96	25.4	24.6	30.1	31	28.5	26.3	31.9	24.2	95	96	75	72	83	91	2.5
9	58.02	58.03	58.24	56.65	56.92	58.51	25.6	25.4	30	30.4	28.1	27.2	32	25.1	95	96	74	76	82	84	------
10	57.81	58.03	58.33	57.39	56.45	57.97	26.3	25	29.3	29.4	28.4	25.9	30.6	24.6	90	95	78	72	80	93	5.6
11	57.71	57.77	58.40	56.71	56.91	58.50	25.5	25.7	30	31	28.7	26	32.1	25	94	95	77	75	80	93	------
12	58.06	58.54	58.23	57.63	57.96	59.30	25.8	25.5	30.2	29.1	26.3	25.9?	31.2	24.7	93	95	75	77	90	93	------
13	58.45	58.50	58.39	56.45	56.61	57.17	24.1	23.6	30.2	31.4	28.7	25.6?	32.6	23.3	95	97	74	69	84	94	3.5
14	55.84	55.09	55.25	52.87	52.09	52.63	25.2	24.7	27.4	25.7	25.2	24.4	28.9	23.8	95	96	86	95	97	96	128.9
15	49.89	49.38	51	50.61	51.19	53.41	25	24.8	25	26.2	26.1	26	26.7	24.2	93	93	94	91	89	85	52.2
16	52.37	53.72	54.77	53.67	54.15	56.69	26.8	27	27.6	27.5	27.1	25.2	28.2	24.4	86	87	84	83	84	91	1.8
17	55.81	55.83	56.99	56.06	55.79	57.55	26.2	26.6	28.3	30	28.2	28.2	30.4	25.5	84	81	77	69	79	78	------
18	56.35	56.29	56.95	55.65	55.86	57.65	27	27.7	29.4	30	28.8	28.6	30.6	26.6	81	78	68	71	78	76	------
19	56.25	56.24	56.48	55.83	56.23	57.71	27.8	27.5	29.4	30.9	28.6	28.5	31.4	27.2	79	77	70	67	78	78	------
20	56.75	56.84	57.75	56.21	56.64	57.59	28.3	27.8	29.2	30	28.8	27.9	30.6	27.6	76	77	72	67	77	80	------
21	56.80	56.88	57.66	56.30	56.39	57.41	27.7	27.5	29.6	29.7	28.7	27.6	30.4	24.4	81	82	72	72	78	81	1.3
22	56.46	56.17	56.91	55.35	55.96	56.31	25.4	26.8	27.2	28.6	26.1	26.9	28.9	24	89	83	76	78	84	84	1.5
23	54.82	54.71	55.22	53.96	54.49	55.95	26.9	27	28.5	28.6	27.4	26.7	30	26.2	85	85	76	78	80	83	2.8
24	54.93	55.05	56.18	55.42	55.79	56.94	26.9	26.7	27.3	28	28.2	27.4	29.1	26.4	82	83	86	75	74	78	.5
25	56.72	56.86	57.30	56.28	56.89	58.69	27.1	27.5	29.4	29.4	28.6	27.2	30.9	26.6	78	76	72	74	75	83	------
26	57.54	56.90	57.85	57.06	57.16	58.30	27.8	27	30.7	29.4	28.7	27.8	31.8	26.8	80	82	67	76	78	82	------
27	56.91	56.22	56.57	55.41	54.87	55.60	27.5	27.4	28.3	28.6	27	26.9	28.9	25.2	83	84	79	76	83	83	21.1
28	54.98	54.32	54.83	54.07	54.06	54.66	24.8	25.9	27	25.2	27.2	27	28.1	23.9	94	86	82	88	78	78	6.2
29	53.65	54.44	55.10	54.04	54.70	56.51	26.6	27.4	28.1	28.6	28.4	27.8	29.5	25.6	80	78	76	71	75	79	------
30	55.81	55.95	57.18	56.10	56.46	58.15	27.7	27.6	29.2	30.5	28.8	27.8	30.9	27.4	77	76	72	72	76	80	------
31	56.84	57.09	57.95	56.64	56.64	57	27.2	27.4	29.4	30.9	28.8	27.7	32.6	27	81	78	73	70	73	79	------
Mean	56.64	56.64	57.24	55.97	56.22	57.55	25.8	25.7	29	29.3	27.6	26.5	30.6	24.9	88.3	88.2	76.7	75.5	82.3	86	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	235.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NNW	NNW	S	SSW	N	N	28.8	32.4	57.4	30.9	149.5	1	------------	S.-Cu.	7	Ci.-S.	Cu.-N.
2	N	N	S	Calm	Calm	Calm	37.8	36.7	38.4	12.7	125.6	0	------------	Cu.	7	Ci.-S.	Cu.-N.
3	N	N	S	Calm	Calm	Calm	29.2	38.6	19.9	21.7	109.4	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
4	Calm	N	Calm	E	N	Calm	28	43.1	39.7	25.1	135.9	7	Ci.-S. SE	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
5	Calm	Calm	S	Calm	Calm	N	25.2	32.7	32.4	30	120.3	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
6	N	N	Calm	SSW	N	Calm	35.2	30	45.4	28.4	139	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
7	Calm	N	S	W	Calm	Calm	30.1	42.1	48.3	23.5	144	2	Ci.	Cu.	2	Ci.	Cu.
8	NNW	NNW	S	SW	Calm	NW	35.7	35.9	37.2	23	131.8	8	Ci.-S.	S.-Cu. SW	6	Ci.	Cu. SW
9	NW	Calm	SW	WSW	SW	Calm	49.9	46.9	65.7	46.5	209	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
10	W	Calm	WSW	WSW	Calm	Calm	42.6	86.6	64.9	15.5	209.6	8	Ci.-S.	S.-Cu. WSW	7	Ci.-S.	S.-Cu. WSW
11	W	WNW	WSW	WSW	WNW	Calm	30.1	60.9	62.8	22.3	176.1	8	A.-Cu.	S.-Cu. W	6	Ci.-S.	Cu. W
12	WNW	Calm	WSW	WNW	NNW	N	35.4	46.7	47	32.2	161.3	7	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu.-N. W
13	NNW	NNW	Calm	WSW	Calm	Calm	30.3	38	42.8	16.7	127.8	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
14	Calm	NW	Calm	Calm	NW	WNW	23.9	30	38.3	27.7	119.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. NW
15	W	SW	S	S	S	S	128.9	463.4	369.3	337.1	1,298.7	10	------------	N.	10	------------	N. SSW
16	S	S	S	SSW	SSW	SSW	291.3	255.5	203.9	242.2	992.9	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SW
17	SSW	SSW	SSW	S	S	S	248.6	190.7	142.4	157.2	738.9	10	Ci.-S.	S.-Cu. SSW	7	Ci.-S.	S.-Cu. SSW
18	S	S	SSW	SSW	SSW	SSW	139.7	------	159	156.1	------	7	Ci.-S.	S.-Cu. SSW	5	Ci.	S.-cf. SSW
19	SSW	SSW	SSW	SW	SW	SW	157.5	159.3	114.1	126.6	557.5	5	------------	S.-Cu. SW	6	Ci.-S.	S.-cf. SW
20	SW	SSW	SSW	SW	SW	SW	153.1	137.9	87.5	111.5	490	5	------------	S.-Cu. SW	6	Ci.-S.	S.-Cu.
21	SW	SW	SW	SW	SW	SW	97.4	112.7	121.5	120.5	452.1	6	A.-Cu.	S.-Cu. SW	7	A.-Cu.	S.-Cu. SW
22	WNW	SW	WSW	WSW	W	W	60.7	113.7	131.7	107.8	413.9	9	Ci.-S.	S.-Cu. SW	8	A.-Cu.	S.-Cu. WSW
23	W	SW	SW	SW	SW	SW	93.3	160.9	132.6	170	556.8	9	Ci.-S.	N. WSW	8	Ci.-S.	S.-Cu. SW
24	SSW	SSW	SSW	SSW	SSW	SSW	157.7	149.5	153.1	154.5	614.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
25	SSW	SSW	SSW	SW	SW	Calm	135	120.9	93.3	34.6	383.8	9	A.-Cu. W	S.-Cu.	6	A.-Cu.	S.-Cu. SW
26	W	WSW	W	W	W	W	83.4	65	64.9	99.8	313.1	9	A.-Cu.	S.-Cu. WSW	8	A.-Cu.	S.-Cu. W
27	W	W	W	W	W	W	85.3	85.5	121.2	102.4	394.4	10	Ci.-S.	N. W	10	Ci.-S.	S.-Cu. W
28	W	WSW	WSW	W	SW	SW	152.7	126.5	150.5	225.1	654.8	10	Ci.-S.	N. W	10	Ci.-S.	N. W
29	SSW	S	S	SSW	SSW	S	236.8	250	210	207.1	903.9	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SSW
30	S	S	S	SSW	SSW	SSW	188.8	188.3	115.9	85.5	578.5	10	Ci.-S.	S.-Cu. SSW	7	Ci.-S.	S.-cf. SSW
31	SSW	SSW	SSW	SW	SW	SW	110.8	129.5	100.6	108.6	449.5	2	Ci.	S.-Cu.	7	A.-Cu. E	Cu. SW
Mean	------	------	------	------	------	------	96.2	110.3	100.4	93.6	395.1	7	------------	------------	7.5	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57	56.30	56.95	56	56.67	57.29	27.7	27.2	28.5	30.1	24.6	25.7	30.9	23.6	79	80	79	75	93	88	6.6
2	56.78	57.02	57.52	56.29	56.79	58.02	26.1	26.9	28.9	28.8	28.3	27.2	30.2	26	89	86	80	79	77	84	------
3	57.25	57.28	58.36	57.13	56.59	57.52	26.6	27	29.5	30	28.8	26.9	31.2	25.2	86	84	76	76	73	85	------
4	57.25	57.21	58.16	56.46	56.55	57.70	27.5	27.2	30.4	30	27.7	25.8	31.1	25.6	85	87	74	74	83	93	1.8
5	56.81	56.84	57.35	56.26	56.71	57.55	26.9	27.3	28.7	29.7	27.9	26.5	31	26.2	86	85	80	74	79	87	2.5
6	56.76	56.82	57.95	56.57	56.84	57.75	27	26.9	28.3	28	27.5	27.3	29.4	26.4	84	83	79	81	82	83	1.5
7	57.02	57.21	58.56	57.23	57.29	58.53	27.2	27.2	28.5	29	28.1	25.1	31	24.9	83	82	78	77	82	94	------
8	57.73	58.02	58.26	57.11	57.49	59.33	26.2	27	29.5	30.6	28.9	27.9	31.3	25.3	90	83	76	72	77	79	1.3
9	57.74	57.97	58.59	57.79	57.56	58.80	27.6	25.7	29.5	30	28.5	27.7	31.6	25.6	80	90	77	75	81	81	------
10	57.63	57.72	58.30	56.81	56.91	58.27	27	27.3	29.2	29.5	28.4	27.9	31.2	26.4	83	81	77	76	78	79	------
11	57.11	57.22	58.12	56.28	56.22	57.82	27.5	27.4	29.5	30	28.2	25.8	33	24.2	81	81	78	75	75	88	------
12	56.88	56.86	57.20	55.96	56.30	57.89	24.3	27.2	31.6	30.5	28.4	27.8	33.6	23.8	93	87	68	72	79	80	2.5
13	56.63	56.78	57.42	56.18	56.04	57.57	26.5	26	26.6	26.7	25.7	25.5	27.4	25	88	91	89	87	93	93	8.4
14	55.88	56.13	56.62	54.77	54.79	55.75	25.2	24.4	27.5	28.1	25.3	26.3	29.8	24	93	91	79	77	88	85	4.8
15	54.27	54.57	54.82	53.32	53.92	55.09	26.3	26.2	27.8	28.7	27.4	26.3	28.9	25.6	86	86	82	73	83	85	1.3
16	54.75	55.46	56.82	56.45	57.40	59.91	26.9	26.9	28.1	29.7	26.5	24.9	30.3	24.2	81	80	80	75	81	91	.8
17	58.76	59.02	59.38	58.17	58.59	60.07	23.9	23.4	28.5	30	25.5	24.6	31.8	23.1	94	95	79	70	93	94	.5
18	58.77	58.93	59.09	57.88	57.70	58.75	23.5	23.3	29	27	26.2	24.4	30.2	22.8	96	97	78	90	93	94	17
19	58.10	57.48	57.61	55.26	55.79	56.99	23.3	23	28.4	30.6	28.7	27.8	31.5	22.8	96	97	82	74	78	79	------
20	56.65	56.68	57.04	55.63	56.55	57.82	25.9	26.3	28.6	31.3	28.3	27.3	32.9	25.5	88	86	80	64	79	82	3.6
21	57.03	57	57.76	56.27	56.75	57.90	26.8	26.5	28.4	28.8	27.8	26.9	30.2	24.6	84	86	81	80	80	85	6.4
22	57.41	56.72	57.36	56.09	56.31	57.74	26.8	26.7	29.2	30.2	28.5	27	30.7	25.9	85	84	78	72	78	86	3.6
23	56.71	56.68	57.87	56.30	56.71	58.04	26	26.6	29.3	30	27.4	27.2	30.6	25.2	91	85	74	70	82	83	------
24	57.05	57.66	58.20	57.09	57.81	58.80	27.2	27.1	30	29.2	27.7	27.5	31	26.6	82	82	71	76	84	84	18
25	58.36	58.85	59.85	57.95	58.76	60.11	27.3	26.4	29.6	30.9	28	24.9	31.9	24.2	84	89	72	65	78	93	1.5
26	58.66	58.28	58.85	57.13	57.05	58.06	25.7	26.6	29.5	29.2	27.7	27.4	30.3	24.8	90	81	72	74	80	81	------
27	56.78	55.93	56.30	54.84	54.82	56.35	24.8	26.8	28.4	29	27.5	27.1	30.7	23.8	93	83	77	76	78	81	.8
28	55.31	55.86	56.55	55.23	55.95	57.65	26.8	26.6	28.3	29.4	27.7	27.4	29.7	25.7	81	81	73	73	81	82	------
29	57	57.31	58.69	57.40	57.85	59.59	27	26.9	28.4	29.1	27.9	27.1	30.2	26.7	84	81	80	77	81	84	13.2
30	58.27	58.14	58.95	57.51	57.59	58.95	24.6	24	28.7	29.2	28.2	26.7	30.6	23.7	95	97	80	74	77	86	4.1
31	57.45	57.44	58.10	56.49	56.46	57.34	26	25.6	29.1	28.4	25.6	24.7	30.4	23.7	90	93	79	78	87	92	.8
Mean	57.09	57.14	57.83	56.45	56.73	58.03	26.2	26.2	28.9	29.4	27.5	26.5	30.8	24.9	87.1	86.3	77.7	75.2	81.7	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	101

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	WSW	W	wnw	W	90.6	83.7	71.4	76.9	322.6	7	Ci.-S.	S.-Cu. W	9	Ci.-S.	S.-Cu. W
2	SW	SW	SW	SW	SW	WSW	88.7	92	111.5	73.7	365.9	10	Ci.-S.	N. SW	7	Ci.-S.	S.-cf. SW
3	WSW	WSW	WSW	SW	SW	W	71.8	92	100	52	315.8	8	Ci.-S.	S.-Cu. wsw	7	Ci.-S.	Cu.
4	SW	SW	SW	SW	SW	SW	57.4	104.1	110.7	71.8	344	6	A.-Cu. NW	S.-Cu. SW	6	Ci.-S.	Cu. W
5	SW	SW	SW	SW	SW	SW	103	125.5	112.9	96	437.4	9	Ci.-S.	S.-Cu. SW	7	A.-Cu.	Cu. SW
6	SW	SSW	SSW	SW	SW	SW	148.6	141.1	138.1	108	535.8	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	S.-Cu. SW
7	SW	SW	SW	SW	SW	Calm	104.8	117.3	98.8	88.8	409.7	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
8	SW	SW	SW	SW	SW	W	75.8	85.9	88.3	78.9	328.9	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
9	SW	SW	SW	SW	SW	SW	88.5	87.7	98.8	79.2	354.2	9	Ci.-S.	N. SW	6	Ci.-S.	Cu. SW
10	SW	SW	SW	SW	SW	SW	85.9	89.1	91.1	77.5	343.6	6	Ci.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
11	SW	SW	SW	WSW	W	Calm	88.8	79.4	73.5	38.6	280.3	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-cf. W
12	Calm	WSW	WSW	WSW	WSW	WSW	37	64.9	89	86.7	277.6	8	Ci.-S.	S.-Cu. wsw	8	Ci.-S.	s.-cf. wsw
13	WSW	WSW	wnw	Calm	Calm	wnw	66.8	50.1	27.2	25.2	169.3	10	Ci.-S.	N. W	10	Ci.-S.	N.
14	Calm	wnw	W	wnw	W	W	22.7	66.5	86.7	95.8	271.7	10	Ci.-S.	N. WNW	10	Ci.-S.	s.-cu. wnw
15	W	WSW	WSW	SW	SSW	SSW	105.6	124.7	153.2	142.9	526.4	10	Ci.-S.	N. WSW	10	Ci.-S.	S.-Cu. SW
16	SSW	SSW	SSW	S	Calm	Calm	144.8	91.7	57.7	18.3	312.5	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	s.-cu. ssw
17	N	NNW	Calm	SSE	N	N	27.4	------	------	------	------	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
18	N	Calm	SSW	NW	Calm	Calm	------	------	20.7	14.3	------	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N. N
19	Calm	Calm	S	SW	SW	SW	17.9	------	------	------	------	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.
20	SW	SW	SW	SW	W	W	------	------	------	------	------	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
21	SW	SW	SW	SW	SW	SW	------	------	70.3	65.8	------	8	Ci.-S.	cu.-n. wsw	8	Ci.-S.	cu.-n. wsw
22	SW	SW	SW	SW	SW	SW	67.3	77.9	68.7	81.9	295.8	7	Ci.-S.	S.-Cu. SW	7	Ci.-S. E	Cu. SW
23	SW	SW	SW	SW	SW	SW	97.6	119.3	102.8	89.3	409	8	Ci.-S.	Cu.-N. SW	7	Ci.-S.	S.-cf. SW
24	SW	SW	SW	SW	SW	SW	79.1	111.6	106	------	------	9	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
25	SW	SW	SW	W	WSW	W	------	------	------	------	------	9	Ci.-S.	Cu.-N. SW	8	A.-Cu.	Cu. W
26	W	W	SW	SW	WSW	WSW	------	------	------	------	------	8	Ci.-S.	S.-Cu.	9	A.-Cu.	s.-cu. wsw
27	W	SW	SW	SW	SW	SW	------	------	------	------	------	6	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
28	SW	SSW	SSW	SSW	SSW	SSW	------	------	------	------	------	9	Ci.-S.	S.-Cu. SW	7	A.-Cu.	S.-cf. ssw
29	SSW	SSW	SSW	SSW	SSW	SW	------	------	83.5	86.1	------	7	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	s.-cu. ssw
30	Calm	Calm	W	WSW	Calm	NW	40	58.1	41.6	30	169.7	9	Ci.-S.	S.-Cu. W	8	A.-Cu.	S.-Cu. W
31	NW	NW	NW	W	wnw	Calm	54.4	44.1	56.9	17.4	172.8	9	Ci.-S.	N. WNW	10	Ci.-S.	s.-cu. wnw
Mean	------	------	------	------	------	------	76.7	90.8	85.8	69.4	332.2	8.2	------	------	7.7	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.25	54.91	55.71	53.76	53.31	54.49	23.3	23	28.4	27.5	25	24.6	30.7	22.5	94	97	79	83	91	92	16.8
2	52.89	51.84	53.53	51.02	52.02	53.08	25.4	26.1	24.9	26.7	26.7	26.9	27.6	24.1	94	91	94	88	87	85	11.9
3	52.43	52.44	54.02	53.14	53.43	54.69	26.6	26.4	26.8	26.5	26.9	27.9	28.6	24.6	86	86	84	86	84	79	3.3
4	54.35	55.31	55.51	54.40	55.49	57.64	27.1	27.5	29.5	28.2	27.8	27.7	29.9	25.6	82	80	68	75	79	79	------
5	57.35	57.61	58.34	57.28	57.73	59.79	27.6	27.6	29.5	29.4	28.3	25.4	30.2	24.8	80	81	75	78	80	94	------
6	58.99	58.62	59.36	57.50	58.05	59.82	25.1	25.5	29.6	30.6	28.8	25.5	31.4	24.3	96	93	72	69	77	94	------
7	58.50	58.49	59.15	57.52	58.26	59.23	23.7	23.1	29.4	31.4	28.7	27.9	33.6	22.8	96	97	76	62	71	79	------
8	57.92	57.94	58.44	56.86	57.38	58.06	25.4	27.6	30.3	29.8	29	27.7	32	24.8	93	86	70	77	76	83	------
9	56.94	57.17	58.01	55.81	56.37	57.50	27.4	27.5	29.3	30.4	28.5	28.1	30.8	26.7	83	84	77	75	79	79	------
10	55.76	55.62	56.70	54.96	55.57	56.77	27.9	27.5	29.3	29.3	28.5	28.1	30.7	27.3	81	83	74	73	78	79	------
11	55.99	56.25	57.35	55.99	57.18	58.59	28	27.9	30.1	30.8	29	25.6	32	25	79	79	68	67	76	94	------
12	58.21	58.34	59.61	57.65	58.85	60.51	24.5	24	30	30.4	28.5	25.1	33.2	23.7	95	97	77	72	80	95	------
13	59.16	59.31	60.05	57.47	58.09	60.29	23.7	23	30.6	33.5	29.2	25.9	34.4	22.8	96	97	74	61	74	94	------
14	59.08	59.03	59.70	58.06	58.32	59.01	24.4	23.5	29.4	27.5	25.8	25.2	32.4	23.3	95	97	75	87	93	95	.5
15	57.92	57.95	58.70	57.20	57.35	58.31	26.1	26.4	29.2	30.4	28.3	27.7	31.3	25	94	94	78	67	74	77	------
16	57.57	57.93	58.35	56.69	58.05	59.40	27.1	27	30.8	32.2	29.3	25.4	32.9	24.7	85	85	72	63	72	94	------
17	58.53	59.03	59.60	57.58	58.54	60.47	24.7	24.4	29.6	32.9	27.1	25.1	33.8	24	94	94	73	64	89	94	------
18	58.72	59.42	59.88	57.90	58.08	60.26	23.6	23.2	29.6	28.2	24.7	24.2	31.5	22.9	95	96	77	81	92	94	15.5
19	59.38	59.80	60.03	57.65	58.58	60.04	23.9	23.4	29.2	32	27.8	24.8	32.6	23.2	94	94	71	65	82	93	.5
20	58.98	58.59	59.10	57.38	57.58	58.68	24	23.5	30	26.4	26.1	24.2	31.5	23.3	93	94	72	88	87	95	6.1
21	57.65	57.86	58.05	56.04	57.74	59.13	23	22.8	28.8	28	25	23.8	31.6	22.5	96	97	77	85	91	95	7.3
22	58.40	58.36	59.24	57.76	58.69	60.26	22.7	22.9	29.3	30.9	27.3	25	31.5	22.4	97	97	75	70	84	94	2.8
23	59.46	59.62	60.59	58.39	58.65	60.26	24.1	23	28.4	31	28.4	24.4	32.1	22.4	95	97	80	71	79	94	------
24	59.13	59.26	60.14	58.02	58.35	59.72	23.6	23.4	29	26.5	25.8	24.4	32.7	23.2	96	97	76	86	91	94	20.4
25	58.75	58.95	59.26	57.51	57.76	59.97	23.4	22.8	29.8	29	26.1	25.1	30.9	22.6	95	97	77	74	91	94	------
26	58.82	58.91	59.57	58.06	58.46	60.22	23.6	22.5	30.4	26.7	26	24.3	31.6	22.3	95	97	71	86	88	95	4.1
27	58.83	59.87	60.53	59.14	58.58	60.21	23.3	22.4	28.5	29	27.7	24.7	31.6	22.2	96	97	79	71	82	94	2
28	59.08	59.08	59.55	57.57	58.21	59.94	23	22.4	29	31	26.6	25.1	33.8	22.2	96	97	77	67	87	94	3.3
29	58.62	58.63	59.19	57.71	57.83	59.40	24.1	23.9	27	26	25.8	23.5	27.3	23.2	97	97	-----	94	92	94	11.7
30	58.48	58.16	58.95	56.90	57.47	58.66	22.8	22.5	29.2	31.7	25.6	24.4	33	21.9	96	97	82	68	93	95	27.9
Mean	57.70	57.81	58.54	56.76	57.33	58.81	24.8	24.6	29.2	29.5	27.3	25.6	31.6	23.7	92.1	92.5	75.9	75.1	83.3	90.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	134.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	WNW	1	WNW	2	WNW	1	Calm	----	5	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NW
2	W	1	W	2	W	2	WSW	3	SW	2	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. W
3	SW	4	SSW	6	SSW	6	SSW	4	SSW	6	SSW	6	10	Ci.-S.	N. SSW	10	Ci.-S.	Fr.-N. SSW
4	S	6	S	4	S	4	S	3	S	4	S	4	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SSW
5	S	3	S	4	SW	2	SW	2	SW	1	NW	1	9	Ci.-S.	S.-Cu. SSW	1	------------	Cu.
6	Calm	----	Calm	----	SW	1	SW	1	Calm	----	N	1	7	A.-Cu.	S.-Cu. W	1	------------	Cu.
7	Calm	----	Calm	----	S	1	SW	1	SW	1	SW	1	4	Ci.	Cu.	7	A.-Cu.	S.-Cf. WSW
8	NW	0	WSW	2	SW	1	SW	2	SW	1	SW	2	8	A.-Cu.	S.-Cu. WSW	7	Ci.-S.	Cu. WSW
9	SW	2	SW	2	SW	2	SW	1	SW	2	SW	1	10	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
10	SW	2	SSW	2	SSW	2	SSW	2	SSW	2	SSW	2	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu.
11	SSW	2	S	2	S	2	S	2	W	1	N	0	9	A.-Cu.	S.-Cu. SSW	3	Ci.	Cu.
12	NNW	1	Calm	----	Calm	----	W	1	Calm	----	N	1	7	Ci.-S.	------------	6	Ci.-S.	Cu.
13	N	1	N	1	SW	1	SW	2	Calm	----	Calm	----	4	Ci.	S.-Cu. SW	1	------------	Cu.
14	N	1	Calm	----	SSW	1	NW	1	NW	1	NW	1	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
15	WNW	1	W	1	WSW	2	SW	2	W	1	SW	2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
16	SSW	1	SW	2	SW	2	SW	2	W	1	N	1	9	Ci.-S.	S.-Cu. SW	6	Ci.-S.	Cu.
17	N	0	N	0	S	1	SW	1	Calm	----	N	1	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
18	Calm	----	N	0	S	1	NNW	1	Calm	----	N	1	7	Ci.-S.	S.-Cu.	9	Ci.-S.	N. NNW
19	Calm	----	Calm	----	Calm	----	N	1	NNW	1	NNW	1	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. N
20	NNW	1	Calm	----	NNW	1	Calm	----	Calm	----	N	1	8	A.-Cu.	S.-Cu. NNW	9	Ci.-S.	Cu.-N.
21	N	1	N	1	S	1	W	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. N	8	Ci.-S.	Cu.-N. N
22	Calm	----	Calm	----	SW	1	SW	1	Calm	----	Calm	----	6	------------	S.-Cu. W	6	Ci.	Cu. W
23	WNW	1	NNW	1	S	1	SW	1	NW	1	NNW	1	5	Ci.	Cu.	2	------------	Cu.
24	N	1	Calm	----	S	1	Calm	----	Calm	----	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. NNE
25	N	1	Calm	----	S	1	W	1	N	1	N	1	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
26	N	1	N	1	S	1	NW	1	N	1	N	1	0	------------	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
27	N	1	NNW	1	S	1	N	1	Calm	----	Calm	----	0	------------	Cu.	8	Ci.-S.	Cu.-N. NE
28	N	1	N	1	S	1	NNW	1	Calm	----	N	1	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. N
29	N	1	N	1	S	1	N	1	Calm	----	Calm	----	9	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Fr.-N.
30	N	1	N	1	S	1	SW	1	Calm	----	N	1	2	Ci.	Cu.	2	------------	Cu.
Mean	-------	1.2	-------	1.2	-------	1.4	-------	1.5	-------	0.9	-------	1.2	6.5	------------	------------	6.8	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.78	58.23	59.16	57.24	58.05	58.94	23.2	23	28.9	31	27.7	24.5	31.7	22.7	97	97	78	72	79	94	------
2	58.20	58.31	58.84	56.96	57.30	58.76	23.9	22.9	29.1	28.5	27.5	25	31.4	22.7	96	97	81	78	85	93	0.3
3	58.04	58.28	59.14	57.02	57.33	59.29	23.9	23.5	29.3	31.2	27.9	26.1	32.4	23.2	95	97	79	72	83	91	------
4	58.71	59.05	59.85	57.70	58.38	59.69	24.3	23.2	29.5	30.9	28.2	25.1	32.2	22.9	94	96	79	71	81	93	------
5	58.50	58.70	59.28	57.48	57.75	59.45	23.9	23.2	28.9	28.7	26.9	24.8	32.5	22.9	95	96	75	75	86	94	------
6	58.10	58.14	58.84	56.54	57.85	59.52	23.8	22.7	29	31.7	26.9	24.6	32.6	22.6	96	97	77	62	86	94	------
7	58.53	58.80	59.53	57.29	58.86	59.83	23.1	22.6	29.4	31.5	25.1	23.9	32.7	22.4	95	97	75	65	92	94	33.6
8	58.48	58.71	59.39	57.34	57.82	58.37	23	22.7	28.9	29	26.6	24.2	31.7	22.5	96	97	79	76	91	95	1
9	57.15	57.21	57.42	55.08	55.85	57.04	23.2	22.7	27.1	30.1	26.9	25.2	30.4	22.4	97	97	86	68	84	94	2
10	55.61	55.42	56.50	54.37	54.82	55.99	24.1	23.8	30.4	27.6	26.9	25.2	30.9	23.6	97	97	70	87	86	92	16.2
11	54.63	54.66	55.15	52.92	53.39	54.11	27.1	27.3	28.4	26.8	26.2	26.9	28.7	24	83	84	82	86	86	86	25.2
12	53.08	53.69	54.38	52.67	53.72	55.16	25.6	25.1	27.7	27.8	26.7	26.8	29	24.2	93	94	86	85	86	84	21.7
13	53.83	54.76	55.38	53.70	54.10	55.60	26.7	24.7	26.9	25.2	27.4	27.3	27.9	24.5	85	96	83	92	80	81	3.6
14	54.15	54.80	55.30	53.58	54.24	55.61	27.3	27.2	28.3	28.5	27.9	28.2	28.9	23.7	81	81	79	75	77	77	3
15	54.05	54.40	56.50	55.69	56.22	58.40	27.8	27.5	27.8	28.2	27.7	27.2	29.4	24.9	76	75	82	80	82	83	4.6
16	57.44	58.05	59.34	57.56	58.24	59.59	27.2	27.1	28.9	29.5	28	26	30.2	25.7	83	83	80	76	83	92	16.3
17	58.72	58.72	59.98	57.90	58.65	60.17	24.6	25.9	24.5	29.9	27.1	26.1	30.4	23.1	95	91	96	76	89	91	45.7
18	59.62	59.72	60.36	58.01	59.60	60.10	25.4	25.5	30	29.3	25.1	25	31.6	24	92	92	73	81	95	95	------
19	59.53	59.96	60.69	58.47	59.44	60.23	23.9	23.9	29.7	26.7	25.2	24	30.2	23.3	97	97	73	86	93	95	2.3
20	59.68	59.90	60.35	58.48	60.21	60.93	23.8	23.5	26.9	29.3	25.5	24	29.7	23.4	96	97	89	79	93	95	4.8
21	59.78	60.02	60.02	58	58.51	59.80	23.2	22.7	29.4	30	26.2	23.9	31.9	22.5	97	98	75	71	87	94	------
22	58.91	59.41	59.31	56.75	57.95	58.75	23.7	22.8	30	31.6	26.6	24.3	32.9	22.6	95	98	74	59	82	96	1.8
23	57.91	58.15	58.63	56.78	58.55	59.96	24.7	23.7	30.5	31.7	26	24.9	32.9	23.5	94	97	72	61	87	93	2.5
24	58.46	58.80	59.98	58.39	59.90	61.43	24.1	23.7	29.4	30.8	25.7	23.9	31.7	22.8	96	97	73	62	79	91	------
25	60.57	60.76	61.21	59.38	60.07	61.21	22	20.9	30.8	30	25.3	22.7	32.1	20.6	96	96	62	56	78	93	------
26	60.22	60.49	60.38	57.89	58.69	60.15	21.7	20.6	29.8	31.7	25.7	22.9	32.2	19.7	96	98	56	48	77	94	------
27	59.48	59.82	59.96	57.99	59.09	61.01	22	20.5	27.8	30.7	26	24.1	31.6	20.3	96	96	74	71	76	89	------
28	59.86	60.21	60.65	58.53	59.77	61.26	23.9	23	28.8	30.6	26.4	24.3	31.4	22.8	90	96	73	66	82	94	5.8
29	60.03	60.38	61.02	58.45	59.66	61.02	24	23.5	26.7	28.4	26	24.6	30.7	23.4	96	96	83	76	88	93	1.8
30	59.98	60.61	60.88	57.99	58.73	60.16	23.2	22.8	30.8	31.8	27.1	25.3	32.3	22.2	95	97	64	65	83	93	15.2
31	59.18	59.72	60.47	58.80	59.48	61.20	23.7	23.5	26.1	25.6	24.1	22.8	27.6	22.2	96	97	89	94	95	96	12.7
Mean	58.01	53.32	58.96	56.93	57.81	59.12	24.3	23.7	28.7	29.5	26.5	25	31	22.9	93.1	94.3	77.3	73.3	84.9	91.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	220.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	S	1	SW	1	Calm	----	N	1	3	Ci.	Cu.	2	Ci.	Cu.
2	N	1	N	1	SW	1	N	1	Calm	----	N	1	0	------------	Cu.	7	Ci.-S.	Cu.-N.
3	N	1	N	1	S	1	SW	1	Calm	----	NNW	1	0	------------	Cu.	2	Ci.	Fr.-Cu. W
4	N	1	NNW	1	S	1	SW	1	N	1	N	1	3	Ci.	Cu.	7	Ci.-S.	Cu. WNW
5	NNW	1	NNW	1	S	1	Calm	----	Calm	----	N	1	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
6	N	1	N	1	SSW	1	WNW	2	N	1	N	1	5	Ci. NNW	Cu.	7	Ci.-S.	Cu.-N. WNW
7	N	1	N	1	S	1	W	1	Calm	----	N	1	0	------------	Cu.	6	Ci.	Cu. WNW
8	N	1	N	1	S	1	W	1	Calm	----	N	1	0	------------	Cu.	8	Ci.-S.	Cu.-N. NNE
9	N	1	N	1	W	1	WNW	1	NW	1	NW	1	7	Ci.-S. NNW	Cu.	9	Ci.-S.	Cu.
10	NW	1	NW	0	W	1	W	2	WSW	2	W	1	9	Ci.-S.	S.-Cu. WNW	9	Ci.-S.	N. W
11	SW	2	SW	2	SW	2	SSW	1	SW	2	SW	2	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	N. SW
12	SW	2	SW	2	SW	2	SSW	3	SSW	4	SSW	2	10	Ci.-S.	N. SW	10	Ci.-S.	S.-Cu. SW
13	S	3	S	3	S	3	S	4	S	3	S	3	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SSW
14	S	3	S	3	S	3	SSW	4	S	2	S	3	10	Ci.-S.	S.-Cu. SSW	8	A.-Cu. W	S.-Cu. SSW
15	SSW	4	SSW	5	SSW	3	SSW	3	SSW	2	SW	2	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	S.-Cu. SSW
16	SW	2	SW	2	SW	2	SW	2	W	1	WNW	1	9	Ci.-S.	S.-Cu. SW	7	A.-Cu. SSW	S.-Cu. SW
17	SW	2	SSW	2	Calm	----	SW	2	SW	2	W	1	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. SW
18	SW	1	SW	1	SW	1	SW	2	N	1	N	1	7	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.-N.
19	N	1	N	1	W	1	N	1	Calm	----	Calm	----	8	A.-Cu. W	S.-Cu.	9	------------	S.
20	Calm	----	Calm	----	NNE	1	NNW	1	Calm	----	Calm	----	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. N
21	N	1	N	1	NNE	1	NNW	1	N	1	Calm	----	8	Ci.-S. E	S.-Cu.	8	Ci.-S.	S.-Cu. N
22	N	1	NNW	1	S	1	WNW	1	NNW	1	NNW	1	5	Ci.-S. ENE	Cu.	5	Ci. ENE	Cu.
23	WNW	1	NW	0	WNW	1	NW	1	N	1	NNW	1	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. NW
24	NW	1	NNW	0	NNW	1	NNW	2	N	1	N	1	5	Ci. E	S.-Cu.	5	Ci.	Cu. NNW
25	N	1	N	1	NNW	1	NNW	1	N	1	N	1	5	Ci. ENE	------------	7	Ci.-S.	S.-Cu. NW
26	N	1	N	1	NNW	1	N	1	N	1	N	1	0	------------	------------	1	------------	Cu. NNW
27	N	1	N	1	S	1	SW	1	N	1	NNE	1	0	Ci.	------------	4	------------	Cu. NNW
28	NE	1	NNE	1	S	1	N	1	NNE	1	N	1	2	Ci.	------------	5	Ci.	Cu. NNW
29	NNW	1	NNE	1	NNW	1	WNW	1	N	1	Calm	----	7	Ci.-S. ENE	S.-Cu.	7	Ci.-S.	Cu.-N. N
30	Calm	----	Calm	----	E	1	SW	1	N	1	Calm	----	7	Ci.-S.	S.-Cu. ENE	5	Ci.	Cu. ENE
31	N	1	N	1	Calm	----	Calm	----	N	1	NNW	1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
Mean	-------	1.3	-------	1.2	-------	1.2	-------	1.5	-------	1.1	-------	1.1	5.8	------------	------------	7	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.33	59.88	60.71	58.23	59.37	60.90	22.2	22	29.2	30	25.7	23.9	31.7	21.8	96	97	76	69	88	94	4.6
2	59.71	59.95	60	58.33	59.27	60.88	23.4	22.9	31	28.7	24.8	24	32.2	22.7	96	97	65	84	93	94	12.9
3	59.74	60.33	60.33	58.56	59.22	60.27	22.8	21.7	29.8	27.7	25.6	24.2	31.7	21.6	97	98	71	86	93	95	13.4
4	59.53	59.90	60.71	59.21	59.75	61	23.3	23	29.3	24.8	24.7	24	30.1	22.9	96	97	75	93	94	96	28.7
5	59.86	60.15	61.18	58.99	59.47	60.75	23.4	23.1	25.4	27.4	25.9	24.1	27.9	23	97	98	96	85	94	95	2.3
6	59.68	59.97	60.38	58.08	59.62	61.04	23.6	23.9	30.5	30.8	25.6	25	32.2	23.5	97	97	74	67	92	94	8.1
7	59.62	60.12	60.54	59.43	59.72	61.13	24.1	24	29.2	27	24.6	24.1	31.5	23.8	96	96	76	91	92	95	6.1
8	59.75	60.40	60.30	58.81	59.91	61.22	24.2	24.5	30.9	26.7	26.1	24.6	32.1	24	96	97	72	90	92	95	9.9
9	59.71	60.10	60.99	58.12	59.20	60.07	24.2	23.3	30.5	31.3	26.5	24	32.8	23.2	96	97	68	59	86	96	------
10	59.22	60.11	60.54	57.89	59.05	60.69	23.4	23.2	27.5	30.5	25.9	23.5	32.1	22.8	97	97	82	68	85	95	.8
11	59.10	59.44	60.43	58.12	59.64	61.13	22.4	21.9	28.5	31.2	25.9	23.6	32	21.5	96	98	78	65	89	95	2
12	59.81	60.41	60.98	59.05	59.94	61	22.6	22.7	30.6	26.4	26.1	23.2	33.2	22.5	97	97	65	88	84	96	2.8
13	59.81	60.77	61.60	58.96	59.32	60.87	21.7	21.1	25.7	30.2	24.7	21.5	31.1	20.9	96	98	84	62	84	95	2.1
14	59.73	60.25	60.60	58.45	59.15	60.42	21.1	19.7	28.8	28.6	24.7	22.6	30.3	19.2	96	97	63	64	75	93	8.9
15	59.51	60.09	60.77	59.19	60.55	61.90	22.4	22.2	27.3	27.5	24.8	23.8	30.9	22	96	97	79	78	89	95	7.9
16	60.53	61.42	61.87	60.22	60.23	61.22	23.5	22.4	23.6	23.5	23.4	23.2	24.3	22.2	96	97	97	97	97	97	25.9
17	60.50	60.87	60.65	59	59.94	61.51	23	22.7	29.2	29.7	25.6	24	31.2	22.6	97	98	72	70	85	95	------
18	60.88	61.85	62.14	60.05	61.11	61.87	23	23	27.9	27.3	25	24.6	28.5	22.8	97	97	77	84	95	95	9.1
19	60.81	61.32	61.94	60.67	61.10	62.18	23.9	22.2	28	25.7	24.9	23.2	29.5	22.1	96	98	82	95	96	96	14.1
20	61.61	61.89	62.20	60.29	61.01	61.81	21.8	22.7	28.8	26.7	24.6	23.8	31.7	21.3	97	97	71	83	92	96	2.5
21	60.63	60.96	61.30	59.02	60.11	60.96	21.7	21.2	29.6	31	26.6	24.9	32.6	21	97	97	66	64	83	93	------
22	59.73	59.88	60.51	58.54	60.06	61.55	23.7	22	27.6	31.6	26.6	23.7	32.2	21.8	96	97	80	59	83	95	.8
23	60.66	60.93	61.29	59.83	61.20	62.45	22.3	22.2	28.9	30.9	25.9	22.8	32.4	21.8	96	97	75	69	81	96	------
24	61.59	61.56	61.81	60.60	61.37	62.35	21.9	21	29.5	26.5	24.8	23.6	31.4	20.8	96	96	69	77	87	95	2.5
25	61.31	61.33	61.66	59.55	60.05	60.85	21.9	20.5	28.5	30.9	25.5	24.1	31.8	20.4	96	96	62	57	82	92	1
26	59.32	59.67	59.64	57.41	57.64	58.06	23	22.4	29.1	28.3	24.7	24.2	31.6	22.2	95	96	68	75	93	95	9.2
27	56.61	57.52	58.65	57.29	57.73	58.89	24.8	23.9	28.4	28.4	26.6	24.4	29.2	23.4	93	96	81	77	86	94	------
28	58.33	59.16	59.68	57.72	58.54	59.27	22.5	21.3	28.5	28.1	26	24	30.9	21.2	96	97	75	80	93	95	19.8
29	58.70	59.14	59.65	57.48	58.60	59.37	22.9	22.1	29.2	30.9	26.1	24.7	32.1	22	97	98	78	72	94	94	5.1
30	59.15	59.35	60.21	58.63	59.55	60.41	24	23.5	28.9	27.7	25.8	23.1	31.3	22.6	95	96	80	86	91	96	6.8
Mean	59.82	60.29	60.78	58.86	59.71	60.87	23	22.4	28.7	28.5	25.5	23.8	31.1	22.1	96.2	97	75.2	76.5	88.9	94.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	207.3

Day.	Wind.												Clouds.					
	2 a.m.		6 a.m.		10 a.m.		2 p.m.		6 p.m.		10 p.m.		6 a.m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	N	1	N	1	N	1	Calm	----	NNW	1	10	Ci.-S.	Fr.-S.	7	Ci.-S.	S.-Cu. NNE
2	Calm	----	Calm	----	SE	1	Calm	----	N	1	N	1	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
3	Calm	----	Calm	----	E	1	NW	1	Calm	----	Calm	----	0	Ci.	Cu.	9	Ci.-S.	N. NE
4	N	1	Calm	----	Calm	----	NE	1	NNE	1	N	1	7	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
5	Calm	----	Calm	----	NW	1	N	1	NNE	1	N	1	6	Ci.-S.	S.-Cu.	10	------	S.
6	N	1	NNE	1	NE	1	ENE	1	NE	1	NNE	1	6	Ci.	S.-Cu. NE	9	Ci.-S.	Cu.-N. NE
7	ENE	1	Calm	----	NE	1	Calm	----	NE	1	NE	1	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	N. ENE
8	NE	1	Calm	----	E	1	NE	1	ENE	1	NNE	1	10	Ci.-S.	N. ENE	9	Ci.-S.	N. ENE
9	NE	1	NNE	1	NE	1	NE	1	NNW	1	NW	1	4	Ci.	Cu.	6	Ci. SEbyE	Cu.
10	NNW	1	N	1	NNE	2	N	2	N	1	NNW	1	1	------	S.-Cu.	6	Ci.	S.-cf. N
11	NNW	1	Calm	----	NE	1	NNE	1	NNE	1	NNE	1	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. NE
12	NE	1	NNE	1	NE	1	NNE	1	NNE	1	N	1	0	Ci.	Cu.	8	Ci.-S.	S.-Cu. NE
13	N	1	N	1	NNW	1	N	1	N	1	N	1	4	Ci.-S.	------	8	Ci.-S.	S.-Cu. NNE
14	N	1	N	1	N	1	N	2	N	1	NNW	1	7	Ci.-S.	S.-Cu. N	6	Ci. SE	S.-Cu. N
15	Calm	----	Calm	----	SSE	1	N	2	N	1	NNE	1	10	Ci.-S.	N. N	9	Ci.-S.	N. N
16	NNW	1	Calm	----	NNW	1	NNW	1	NW	1	NNW	1	10	Ci.-S.	N.	10	Ci.-S.	N. N
17	Calm	----	Calm	----	NNW	1	N	1	N	1	N	1	7	Ci.-S.	S.-Cu. N	7	Ci.-S.	Cu.-N. N
18	N	1	NNW	1	N	1	NW	1	NW	1	NW	1	10	Ci.-S.	S.-Cu. N	9	Ci.-S.	N. N
19	NNW	1	Calm	----	SE	1	Calm	----	N	1	N	1	4	Ci.	S.-Cu.	10	Ci.-S.	N. NE
20	Calm	----	Calm	----	NE	1	N	1	N	1	N	1	9	Ci.-S.	N. NNE	9	Ci.-S.	N. NNE
21	N	1	N	1	N	1	NE	1	N	1	N	1	0	------	S.-Cu.	6	Ci.	Cu. NE
22	N	1	NNW	1	NNE	1	NE	1	NE	1	N	1	0	------	S.-Cu.	7	Ci.-S.	Cu.-N. NE
23	N	1	NNE	1	S	1	SW	1	N	1	N	1	3	------	S.-Cu. E	4	------	Cu. ENE
24	N	1	N	1	N	1	N	2	NNE	1	N	1	0	------	Cu.	10	Ci.-S.	N. N
25	N	1	N	1	N	2	N	1	N	1	N	1	0	------	------	3	------	Cu. N
26	N	1	N	1	NNW	1	NW	1	NW	1	NW	1	1	------	S.-Cu.	8	Ci.-S.	S.-Cu. NNW
27	WNW	1	Calm	----	SSE	1	SW	1	SSE	1	N	1	5	Ci.-S.	Cu.-N.	7	Ci.-S. SSE	Cu.-N.
28	N	1	N	1	S	1	WSW	1	NNE	1	N	1	0	------	Cu.	4	Ci.-S.	Cu.-N.
29	NNW	1	Calm	----	NNE	1	W	1	NNW	1	N	1	1	------	S.-Cu.	5	Ci.	Cu.-N. NE
30	NNW	1	N.	1	S	1	NW	1	N	1	N	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NNE
Mean	------	0.8	------	0.5	------	1	------	1	------	0.9	------	1	4.8	------	------	7.7	------	------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.68	59.99	60.49	58.59	59.52	60.37	21.9	21.1	29.3	28.3	25	22.1	31.4	20.9	97	98	70	79	87	95	2.6
2	59.66	60.11	60.92	59.14	60.24	61.22	20.9	21.3	28.7	27.9	25.4	22.6	31.3	20.5	97	97	75	81	92	96	2.6
3	60.41	61.22	61.56	60.12	61.15	62.41	21.6	20.9	29.6	28.9	25.7	22.7	32.4	20.7	97	98	70	74	81	96	-----
4	61.44	61.94	62.38	60.83	61.82	62.83	20.8	20.5	29.1	28.1	24.8	23.8	30.9	20.3	96	97	70	76	91	93	2.8
5	61.58	61.97	62.79	60.60	61.90	62.88	22.9	22.7	28.9	30.9	25.9	22.9	32.5	22.5	93	94	69	55	80	94	-----
6	61.61	62.06	62.19	60.33	60.97	62.01	22.2	20.5	29.1	30.7	25.7	23.8	32	20.3	96	96	64	52	76	89	-----
7	60.71	60.70	62.10	59.76	60.47	61.72	23.7	23.5	27.3	28.3	25.6	24.8	29.7	23.3	90	90	76	73	85	88	5
8	60.46	60.57	60.96	58.98	59.90	61.07	23.7	23.3	28	29.2	26.1	24.6	30.3	23.2	95	96	81	74	81	87	.8
9	60.07	60.29	61.01	59.35	60.01	61.11	22.3	21.3	27.5	25.7	24.2	23.9	29.7	21.2	96	96	75	90	91	93	5.1
10	60.06	60.41	61.25	59.34	59.80	61.43	23.2	22.7	28.3	30.8	26.4	23.6	32.1	21.7	97	97	79	65	83	94	7.6
11	60.48	60.52	61.11	58.81	59.11	60.33	22.3	23.1	28.3	28.2	26.1	23.3	30.4	22.1	97	97	80	81	87	95	3
12	59.50	59.67	60.48	58.22	59.05	60.10	23.6	22.5	29.4	28.1	25.2	24.5	32.7	22.3	95	97	75	82	94	95	7.3
13	59.18	59.55	60.28	58.23	59.19	60.51	23.5	23.5	28.5	30.6	26.4	25.4	32.4	22.7	97	97	79	65	86	90	4.8
14	58.51	58.63	60.07	58.29	59.01	60.02	24.3	23.6	26.9	28.3	25.6	24.4	30.3	23.4	95	96	84	80	90	94	1.8
15	58.50	58.65	59.23	57.86	58.96	59.80	23	22.6	28.9	27.2	25.1	23.7	29.8	22.4	97	97	77	89	93	95	10.4
16	59.20	60.17	60.74	58.35	59.50	60.55	23.3	23.1	28.5	30.5	26.4	24.1	31.7	22.8	97	97	79	69	86	96	1.3
17	59.30	60.03	60.12	58.65	60.10	60.86	24	23.9	28.8	30.4	24.2	23.7	31.5	23.1	97	97	80	70	96	96	5.6
18	60.02	60.22	60.69	58.60	60.26	61.26	22.7	21.5	27.9	30.6	25.5	24.7	32.1	21.4	97	98	82	71	90	93	2
19	60.35	61.17	61.18	60	61.43	61.92	23.9	23.2	29.4	27.7	23.9	23.7	30.8	23.1	96	97	76	72	91	92	2.3
20	61.55	61.62	62.05	60.04	61.26	62.02	23.6	23.4	26.3	29.5	25.3	23.8	30.6	23	96	97	86	63	86	96	1
21	60.83	61.43	61.36	58.71	60	60.63	22.4	22.7	25.3	30.5	25	24.1	31.1	21.7	97	97	92	71	91	96	20.8
22	59.43	59.37	60.34	58.25	59	60.16	23	22.6	28.7	25.6	25.3	23.8	29	22.4	97	97	80	93	95	95	19.3
23	59.26	59.52	59.91	58.20	59.55	60.22	22.2	21.7	27.1	28.8	25.8	24.7	30.5	21.5	96	98	83	73	86	92	.8
24	58.93	59.12	59.70	56.68	57.17	57.84	23.9	23.3	24.8	26.5	24.8	24.6	26.8	22.7	95	96	90	87	94	94	60.4
25	57.18	57.65	58.70	56.92	57.98	58.91	24.2	24.1	27.3	28.1	25.8	25.8	29.2	23.9	97	97	87	80	93	93	3.3
26	57.72	58.77	59.79	57.96	58.21	59.47	24.8	24.7	27.5	28.9	26	25.6	30.2	24.6	97	97	88	81	94	93	.8
27	58.59	59	59.62	57.70	58.57	60.01	24.8	23.8	26.6	28.2	25.4	24.3	28.7	23.7	94	97	89	80	86	90	-----
28	59.57	59.88	60.95	58.98	59.77	61.08	24.1	23.4	29	29.6	25.2	24.4	30.7	23.3	90	90	65	65	85	90	-----
29	60.46	61.26	61.76	59.91	61.21	62.42	23.6	23.4	23.7	27.7	25.7	24.7	30.2	23.3	96	97	97	84	93	94	8.6
30	61.37	62.03	62.94	61.89	62.67	64.44	23.8	23.5	28.4	26	25	23	30	22.9	97	97	84	94	93	97	55.3
31	63.18	63.30	63.89	61.87	63.17	64.46	22.9	22.8	28.4	26.9	24.9	23.7	30.3	22.6	97	97	78	89	89	95	6.6
Mean	59.96	60.35	60.99	59.07	60.03	61.10	23.1	22.7	27.9	28.6	25.4	24	30.7	22.4	95.8	96.4	79.4	76.1	88.5	93.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	241.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	NNE	1	W	1	N	1	N	1	0	------	S.-Cu.	7	Ci.-S.	Cu.-N. NNE
2	N	1	N	1	NE	2	NNE	1	NE	1	N	1	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. NNE
3	NNW	1	NNW	1	NE	1	SW	1	N	1	N	1	0	------	Cu.	4	------	Cu. NE
4	N	1	N	1	NE	2	NE	1	NE	1	NNE	1	0	------	S.-Cu.	7	Ci.-S.	Cu.-N. NE
5	NNE	1	NNE	1	NE	2	ENE	1	NE	1	N	1	6	Ci.-S.	S.-Cu. NE	6	A.-Cu. SW	Cu.
6	N	1	N	1	NE	2	NE	2	NNE	1	N	1	0	------	S.-Cu.	3	------	Cu. NE
7	NE	1	NE	1	NE	1	NE	2	NE	1	NNE	1	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. NE
8	NE	1	NNE	1	NE	2	NE	1	NE	1	N	1	9	A.-Cu.	N. NE	7	A.-Cu. E	S.-Cu. NE
9	N	1	NNW	1	NE	2	NNE	1	N	1	N	1	0	------	S.-Cu.	9	Ci.-S.	N. NE
10	N	1	NNE	1	NE	1	NE	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. NE	6	------	Cu. NE
11	NNE	1	NNE	1	NE	1	SE	1	Calm	----	N	1	9	Ci.-S.	N. ENE	8	Ci.-S.	Cu.-N. NE
12	NE	1	N	1	NE	1	SE	1	N	1	N	1	0	------	Cu.	9	Ci.-S.	N. NE
13	N	1	N	1	NE	1	ENE	1	NE	1	NE	1	0	------	S.-Cu.	7	Ci.-S.	Cu. NE
14	NE	1	NE	1	NE	1	ENE	1	NE	1	NNE	1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	S.-Cu. ENE
15	NNW	1	Calm	----	NE	1	Calm	----	N	1	N	1	2	Ci.	S.-Cu.	9	Ci.-S.	N. ENE
16	NNE	1	N	1	ENE	1	ENE	1	NNE	1	NNE	1	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
17	NE	1	Calm	----	NE	1	NNW	1	NNW	1	N	1	10	Ci.-S.	N. ENE	7	Ci.-S. SE	Cu.-N.
18	N	1	N	1	S	1	SW	1	N	1	NNE	1	3	Ci.	S.-Cu.	5	Ci.	Cu. ENE
19	N	1	NNW	1	NE	1	ENE	2	N	1	N	1	7	Ci.-S. SE	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
20	Calm	----	Calm	----	NE	1	ENE	2	NE	1	NNE	1	10	A.-Cu.	S.-Cu. ENE	4	Ci.	S.-cf. ENE
21	N	1	N	1	N	1	NE	1	N	1	N	1	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	Cu.-N. ENE
22	NNE	1	N	1	NE	1	Calm	----	ENE	1	NE	1	3	Ci.	S.-Cu.	9	Ci.-S.	N. ENE
23	N	1	N	1	NE	1	NE	1	N	1	N	1	7	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu. ENE
24	N	1	N	1	NW	1	NW	1	NW	1	WNW	1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. N
25	WNW	1	WNW	1	W	1	W	2	W	1	W	1	10	Ci.-S.	Fr.-N. WNW	9	Ci.-S.	S.-Cu. W
26	W	1	W	1	SW	2	WSW	1	W	1	Calm	----	9	Ci.-S.	N. W	9	Ci.-S.	S.-Cu. W
27	Calm	----	Calm	----	NW	1	N	1	NW	1	N	1	7	Ci.-Cu. E	S.-Cu.	8	Ci.-S.	S.-Cu.
28	NW	1	N	1	N	1	N	2	N	1	NW	1	2	Ci.	S.-Cu.	6	Ci.	S.-Cu. N
29	NW	1	Calm	----	N	1	NW	1	N	1	N	1	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NE
30	N	1	N	1	SE	1	SSE	1	N	1	N	1	7	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. E
31	N	1	N	1	NE	1	NE	1	NE	1	NNE	1	7	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. NE
Mean	------	0.9	------	0.8	------	1.2	------	1.1	------	1	------	1	5.6	------	------	7.6	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.17	60.45	61.05	59.02	59.89	61.35	24.3	24	26.4	26.7	25	23.9	28.5	22.2	91	92	88	87	92	93	33.5
2	59.43	59.56	60.55	58.45	58.62	59.82	24.2	24.9	27	28.2	26	25.5	29.5	22.1	92	88	82	72	85	93	6.4
3	59.36	59.22	60.06	58.61	58.91	60.62	24.7	24.5	25.9	27.6	26.4	25.8	30.5	23	93	94	87	83	84	92	14.2
4	59.72	59.96	61.62	60.02	60.54	61.02	26	26	26.5	26.3	24.7	24.7	28.8	22.8	91	88	88	86	94	94	17.5
5	60.12	60.05	61.06	59.15	59.70	60.77	25	24.8	27.5	29.4	26.3	25.8	30	22.6	94	94	80	72	80	79	12.4
6	59.73	59.58	60.45	58.43	58.77	59.60	24.9	24.5	27.4	30	26.5	25.8	30.4	21.9	83	83	71	68	80	82	2.3
7	59.15	59.51	60.17	58.66	58.66	60.25	25.6	23.8	26.8	27	24.6	25.1	28.5	22	81	91	74	83	89	89	10.2
8	59.61	59.45	60.44	58.81	59.65	60.16	25.1	25	28.9	27.4	25.7	25.5	30	23.4	88	88	77	78	85	88	21.9
9	59.40	59.07	59.98	58.40	58.67	59.60	25.1	24.9	28.3	27.4	26.5	25.4	31	22.5	90	91	80	84	87	95	41.2
10	58.87	58.97	59.89	58.29	58.56	59.61	24.3	25.3	27.8	28.6	26.8	25.7	29.5	22.4	96	92	81	79	84	88	.8
11	58.92	59.60	60.78	59.25	59.76	60.40	25.4	25	29.2	29.9	26.9	23.5	31.1	21.5	84	86	75	65	77	87	------
12	59.78	60.47	61.33	59.27	60.13	61.06	21.9	21	29.9	31	26.5	25.7	31.9	19.7	93	95	64	60	81	84	6.1
13	60.69	61.12	62.05	59.98	60.26	61.01	24	22.9	27.6	30	26.8	25.1	30.7	21.4	91	95	76	69	80	89	------
14	60.12	60.98	62.14	60.08	61.03	62	23.6	22.3	28.6	30.5	27.2	26.3	31.4	20.6	89	96	73	65	78	82	2.3
15	61.19	61.85	62.70	60.92	61.66	62.75	24.6	24	24.9	25.1	26	25.6	29.5	21.6	92	95	92	89	82	86	8.1
16	61.92	62.50	63.19	60.99	61.19	62.20	23.8	21.2	28	30.5	26.7	22.7	31.4	19.9	93	94	75	65	78	93	------
17	61.13	61.49	62.26	60.28	60.23	61.30	20.7	20.4	27.8	31	27	23.7	31.5	18.9	96	96	77	65	79	94	------
18	61	61.65	62.30	59.90	60.55	61.35	22.7	22.2	28.4	29.5	26.1	25.3	31.5	20.2	95	96	76	68	80	84	------
19	61.11	61.31	62	60.33	61.09	62.01	20.6	19.7	27.9	30.4	26.7	25.7	31.2	18.4	94	94	71	63	75	80	------
20	61.90	62.06	62.66	60.58	60.89	61.80	24.2	23.5	28.2	31.5	26.9	26	32	22	82	88	71	60	75	76	------
21	61.68	61.58	62.90	60.78	60.68	61.72	23.4	22.4	28.4	31.4	27.2	25	31.9	19.9	83	86	70	60	75	87	------
22	61.36	61.97	63.13	61.67	61.59	62.42	23.2	22.3	28.6	31.5	27.1	25.6	32	20.6	91	95	73	60	79	85	------
23	62	62.61	62.98	61.29	61.54	61.94	25.1	24.8	28.1	29.3	26.1	25.3	31.1	23.1	84	83	70	64	83	88	------
24	61.71	62.05	63.20	61.13	61.65	62.67	24.4	24.5	26.9	29.4	26	25	30	22.6	91	91	80	71	84	83	8
25	62.20	63.01	63.73	61.97	62.39	63.61	24.7	22.7	27.9	30	26.1	25.8	31.1	21	84	94	72	65	81	82	------
26	62.70	63.62	64.35	62.35	62.74	64.10	25.7	25.1	28	28.9	24.3	23.8	30.2	21.9	79	81	67	67	82	86	8.6
27	63.63	64.02	65.03	63	63.05	64.32	23.6	24.4	25.7	26.5	25	24.1	28.4	21.9	79	74	67	65	64	68	------
28	63.67	63.65	64.35	62.43	63.01	63.87	23.5	23.6	26.9	28	25.1	24.8	28.5	22	72	76	67	58	72	77	------
29	62.91	63.12	64.21	62.12	63.47	63.75	24.7	24.8	26.8	29.6	24.9	25.2	30.7	22.9	77	79	69	60	83	80	3.8
30	62.57	63.51	64.52	62.96	62.91	63.79	25.4	23.5	25.3	28.7	26.1	25.8	29.1	21.7	82	94	80	59	70	72	6.1
31	63.91	63.90	65.09	62.99	62.97	64.40	23.7	24.3	26.6	27.5	26	24.2	28.8	21.3	84	82	68	69	76	86	22.9
Mean	61.02	61.35	62.26	60.39	60.80	61.78	24.1	23.6	27.5	29	26.1	25.1	30.3	21.5	87.5	89.4	75.5	69.6	80.5	85.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	226.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	Calm	NNE	NNE	NNE	57.3	54.7	52.1	29.2	193.3	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
2	Calm	Calm	NNE	NE	NE	NE	12.9	37.2	44.8	34.1	129	8	Ci.-S.	Cu.-N. E	1	------	Cu.
3	Calm	NNE	NNE	NE	NNE	NE	37.6	50.2	40.7	24.3	152.8	10	Ci.-S.	Fr.-N. ENE	8	Ci.-S.	Fr.-N. E
4	NNE	NE	NNE	Calm	NE	ENE	55.3	47.7	36.7	52	191.7	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. ENE
5	NE	NE	NE	NE	NE	Calm	59.2	71.6	71.6	30.3	232.7	10	Ci.-S.	N. ENE	4	------	Cu. ENE
6	Calm	Calm	NNE	ENE	Calm	Calm	20.9	53.6	53.3	33	160.8	4	Ci.	Cu. NE	4	Ci.	Cu. ESE
7	NE	ENE	NNE	ENE	Calm	NE	36	43.5	31.4	32.2	143.1	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. ENE
8	Calm	Calm	NNE	N	N	NE	28.2	32.8	36.5	32.2	129.7	3	Ci.	Cu. E	3	Ci.	Cu.
9	Calm	Calm	Calm	Calm	NNE	Calm	2.9	37.8	38	16.1	94.8	3	A.-Cu.	Cu. ENE	9	Ci.-S.	Fr.-N. ENE
10	Calm	Calm	Calm	ENE	Calm	Calm	6.7	17.2	29.2	5.8	58.9	6	Ci.	Fr.-N. ENE	4	------	Cu.-N. ENE
11	Calm	Calm	Calm	ENE	Calm	Calm	5.3	24.3	40.8	1.4	71.8	2	------	Cu. E	2	A.-Cu.	Cu.
12	Calm	Calm	NE	ENE	NNE	NE	.8	27.1	52.9	37.8	118.6	1	Ci.	Cu. ENE	2	Ci.	Cu.
13	Calm	Calm	NNE	NE	NE	Calm	7.4	21.5	64.4	5.3	98.6	8	A.-Cu. ENE	Cu.	4	Ci. E	Cu. ENE
14	Calm	Calm	NE	ENE	Calm	Calm	.8	31.7	38.1	25.4	96	5	Ci.	Cu. ESE	2	------	Cu.
15	Calm	Calm	Calm	Calm	Calm	Calm	.8	.8	5.3	.5	7.4	10	Ci.-S.	N.	10	Ci.-S.	N.
16	Calm	Calm	Calm	E	Calm	Calm	.5	13.1	12.9	.6	27.1	2	Ci.	Cu.	5	Ci. E	Cu.
17	Calm	Calm	Calm	Calm	Calm	Calm	.6	6.4	15.1	.5	22.6	1	Ci.	Cu.	2	Ci.	Cu.
18	Calm	Calm	Calm	Calm	Calm	Calm	.5	5.6	11	.6	17.7	9	A.-Cu. NNE	Cu. E	6	A.-Cu. W	Cu.
19	Calm	Calm	NE	Calm	Calm	Calm	.6	13.1	33.6	14.7	62	2	Ci.	Cu.	2	Ci.	Cu. E
20	Calm	Calm	Calm	ENE	Calm	Calm	2.6	18.3	45.1	6.4	72.4	3	Ci.	Cu. ESE	2	A.-Cu.	Cu.
21	Calm	Calm	Calm	ENE	Calm	Calm	1.1	12.3	34.4	1	48.8	0	------	------	1	------	Cu.
22	Calm	Calm	Calm	ENE	Calm	ENE	.8	12.4	27.1	24.6	64.9	3	Ci.	Cu.-N. E	3	Ci.	Cu.
23	Calm	Calm	NNE	NE	Calm	Calm	21.2	47.2	23.9	13.4	105.7	1	Ci.	Cu.	4	------	Cu.-N.
24	Calm	Calm	Calm	Calm	Calm	Calm	3.7	10.8	15.9	3.4	33.8	6	------	Cu.-N. ENE	5	Ci.	Cu. ENE
25	Calm	Calm	Calm	NNE	N	NNE	1.8	22.8	43.5	45.1	113.2	4	------	Cu.-N. E	3	------	Cu. ENE
26	NNE	Calm	NNE	NNE	NNE	NNE	46.4	54.7	58.5	51	210.6	2	------	Cu. ENE	3	------	Cu. ENE
27	NNE	NNE	NNE	NNE	NNE	NNE	64.2	72.7	80.8	67.1	284.8	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N.
28	NNE	NNE	NNE	NNE	NNE	NNE	53.3	116.7	99.3	53.1	322.4	3	------	Fr.-Cu. NE	1	Ci.	Cu.
29	Calm	NNE	NNE	NE	Calm	NNE	24.9	75	58.4	86.3	244.6	6	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
30	NNE	NNE	NNE	NNE	NE	NNE	58.5	76.4	------	110.5	------	10	Ci.-S.	N. NE	7	Ci.-S.	Cu.
31	NNE	NE	NNE	NE	NNE	NE	91.4	89.1	116.9	73.4	370.8	7	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu. NE
Mean	------	------	------	------	------	------	22.7	38.7	43.7	29.4	129.4	5.4	------	------	4.7	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.55	64.03	65.26	63.76	63.61	64.78	23.7	23	26.3	28	25.7	24.8	28.6	21	88	91	70	61	67	71	3.8
2	63.55	63.52	64.40	62.10	62.11	62.97	24.2	23.1	27	28.5	25.7	25.5	30	21.7	74	80	67	67	75	74	------
3	61.95	61.85	62.89	60.88	60.81	61.97	25.2	25	27.4	28.4	26.5	25.3	29.9	23.5	75	76	66	68	74	77	------
4	61.25	61.06	61.89	59.97	60.20	61	24.7	24.5	27.4	29.4	26.5	25.6	31.2	23	80	81	68	64	76	79	19.9
5	60.85	61.22	62.35	60.62	60.69	61.85	24.8	23.8	24.8	25.3	24.9	24.2	27.4	22	83	90	92	93	92	91	40.5
6	60.97	61.15	62.33	60.88	61.19	62.63	23.9	23.8	23.9	25.3	24.9	23.3	25.3	21.7	93	93	93	88	85	93	24.2
7	61.76	61.70	62.41	60.75	60.66	61.75	23.2	23.9	26.9	30	26.8	24.5	30.5	21.3	91	91	79	65	77	86	------
8	61.03	60.92	61.99	60.46	60.56	61.71	24.2	24	26.9	28.9	26.4	25	29.7	22.2	82	83	74	64	81	86	2.3
9	61.05	61.26	62.48	60.53	60.59	61.40	24	23.6	28.9	29.9	26.8	24.8	31	21.9	87	90	74	66	80	89	------
10	60.63	61.12	62.45	60.54	60.85	62.07	21.8	20	28.7	31	26.7	25.6	31.8	18.4	94	94	72	65	83	83	3
11	61.36	61.45	62.60	61.11	61.27	62.85	24.8	24.3	28.5	27.8	25.1	23.4	29.9	21.8	85	87	78	81	93	95	30.9
12	62.35	62.92	63.97	62.09	62.06	63.20	23.2	23.2	23.7	24.9	24.2	22.8	25.3	21.2	94	93	92	87	83	94	25.3
13	62.51	62.69	63.71	61.97	62.29	63.45	22.6	23.2	26	26.5	24.6	24.8	27.7	20.9	90	87	72	76	87	81	1
14	62.81	63.12	64.65	63	63.37	64.45	24.7	24.8	26.7	29.7	25.4	25.1	30.3	22.9	82	81	72	63	79	80	------
15	63.46	63.37	64.56	62.64	63.10	64.63	24.2	23.5	27.7	30.8	26.1	23	31.3	21.7	83	84	70	57	73	90	------
16	63.80	64.16	65.27	63.05	62.59	63.62	22.8	24	28.2	30.5	26.4	25	31.1	21.5	89	85	63	62	76	80	------
17	62.55	62.57	64	61.90	61.49	62.32	24.5	24.4	27.6	29.5	26.1	25.4	30.6	22.3	80	82	68	64	77	79	------
18	61.37	61.18	62.69	60.55	60.39	61.31	25.2	25.1	28.9	30.8	26.5	25.6	31.4	23.1	79	80	67	60	75	78	.5
19	60.69	60.05	61.95	60.08	60.10	61.15	25	24.4	28.6	30.7	26.9	25.7	31.5	22.8	80	82	68	58	77	79	------
20	60.76	59.85	61.01	58.68	58.72	60.49	25	24.8	24.3	28.2	26	25.5	29.5	21.9	83	84	91	78	91	91	20.1
21	60.33	59.85	61.07	58.74	59.21	60.36	23.5	22.7	26.5	30.5	27.3	25.9	31	21.1	93	98	90	72	78	85	------
22	59.42	59.17	60.25	58.48	58.71	59.66	25.6	25.4	28.4	30.2	26.9	26	31	23.6	84	84	77	67	83	86	.8
23	59.12	59.26	60.18	58.20	58.50	59.90	25	24.7	28.9	30	26.7	25	30.5	22.9	90	87	73	64	75	82	------
24	59.30	59.45	60.53	59.14	59.62	60.86	24.1	24.2	29.1	28.9	24.6	24	31.5	22.3	82	82	69	71	93	87	10.3
25	60.55	60.80	62	59.58	59.40	60.41	24.1	24.4	26.4	30.4	26.9	26	31	22.1	86	91	83	66	83	80	------
26	59.75	59.81	60.71	58.98	58.90	59.79	24.3	23.7	29.3	31.1	26.7	25.4	31.6	22.1	90	90	64	61	77	84	------
27	59.25	59.50	60.76	58.51	58.62	59.62	24.7	24.5	29.2	31.4	26.4	25.5	31.9	23	83	79	64	57	77	82	------
28	59.26	59.22	60.78	58.88	59.65	60.72	24.6	24.7	28.9	31.1	26.8	25.8	32	22.9	82	83	67	61	78	83	------
Mean	61.26	61.29	62.47	60.57	60.69	61.82	24.2	24	27.3	29.2	26.1	24.9	30.2	22	85.1	86	74.4	68.1	80.2	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	182.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NNE	NNE	NE	NE	59.7	84.5	107.6	77.7	329.5	10	Ci.-S.	Fr.-N. ENE	6	------	Cu.-N. ENE
2	NE	Calm	NE	NE	NE	NE	52.5	44.9	66.5	69.5	233.4	2	------	Fr.-Cu. ENE	5	------	Cu.-N. ENE
3	NNE	NE	NE	NE	NE	NE	56.1	79.2	68.9	43.3	247.5	4	------	Fr.-Cu. ENE	6	------	Cu. NE
4	NNE	NNE	NNE	NNE	NNE	NE	44.8	57.7	42.4	47.5	192.4	1	------	Cu.	7	Ci.	Cu.
5	Calm	Calm	Calm	Calm	Calm	Calm	38.4	19.1	22.2	16.3	96	10	Ci.-S.	N. ENE	7	A.-Cu. SE	Cu.
6	Calm	Calm	Calm	NNE	Calm	Calm	16.1	26.9	46.5	15.8	105.3	10	Ci.-S.	N.	8	Ci.-S.	Cu.-N. ENE
7	Calm	Calm	NNE	E	Calm	Calm	9.4	38.6	36.2	22.2	106.4	6	------	Cu.-N. ENE	1	------	Cu. ENE
8	Calm	Calm	NNE	Calm	Calm	Calm	21.1	32	40	13.2	106.3	0	------	------	8	Ci.-S.	Cu.
9	Calm	Calm	Calm	Calm	Calm	Calm	4	12.6	30.6	9.4	56.6	1	------	Cu.	1	Ci.	Cu.
10	Calm	Calm	Calm	ENE	NE	NE	.8	6.9	55.8	40.5	104	0	------	------	1	------	Cu.
11	Calm	Calm	ENE	E	Calm	ENE	16.6	31.9	39.7	50.5	138.7	8	Ci.-S.	Fr.-N. NNE	6	Ci.-S.	Fr.-N. NE
12	NE	NE	NNE	NE	NE	NE	67.6	66.6	90.9	79.4	304.5	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. NE
13	NE	NNE	NE	NE	NE	NE	54.1	102.8	81.3	54.1	292.3	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
14	NNE	NNE	NNE	ENE	NE	Calm	53.9	59	60.2	26.2	199.3	7	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Cu. ENE
15	Calm	Calm	NNE	E	Calm	Calm	1.4	25.5	42.6	1.4	70.9	7	Ci.-S.	Fr.-N. ENE	2	Ci.	Cu. ENE
16	Calm	Calm	NNE	ENE	Calm	NE	1.3	42.6	40.2	32.7	116.8	1	Ci.	Cu. NE	2	------	Cu. NE
17	NE	NNE	NNE	ENE	NE	Calm	31.7	56	55.7	21.7	165.1	1	------	Cu.	5	Ci. S	Cu. NE
18	Calm	Calm	Calm	E	NE	Calm	1	30.3	53.1	9.4	93.8	7	------	Cu.-N. ENE	1	------	Cu. ENE
19	Calm	Calm	NNE	E	Calm	Calm	9.2	27.4	26.9	10.7	74.2	1	Ci.	Cu.	1	------	Cu.
20	Calm	Calm	Calm	NNE	Calm	Calm	5.6	------	------	------	------	10	Ci.-S.	N.	7	Ci.-S.	Cu. NE
21	Calm	Calm	Calm	ENE	NE	NE	------	------	------	------	------	3	Ci.	Cu. ENE	5	Ci.-S.	Cu.-N.
22	NE	Calm	NNE	NE	ENE	Calm	------	------	------	------	------	7	------	Fr.-N. E	3	------	Cu. ENE
23	NE	Calm	ENE	Calm	ENE	Calm	------	------	------	------	------	5	------	Cu.-N. E	2	------	Cu.
24	Calm	Calm	NNE	ENE	NE	NE	------	------	------	------	------	1	Ci.	Cu. ENE	9	Ci.-S.	Fr.-N. ENE
25	Calm	ENE	NE	ENE	NE	Calm	------	------	------	------	------	9	Ci.-S.	N. ENE	1	------	Cu.
26	NE	Calm	NNE	ENE	ENE	NNE	------	------	------	------	------	1	Ci.	Cu.	1	------	Cu. E
27	Calm	Calm	NNE	E	NE	NE	------	------	73.2	74.3	------	0	------	------	1	Ci.	Cu.
28	NE	NNE	NNE	E	ENE	NE	64.9	73.8	77.4	62.8	278.9	1	Ci.	Cu.	3	Ci.	Cu. NE
Mean	------	------	------	------	------	------	29.1	45.9	55.1	37.1	165.6	4.8	------	------	4.5	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.41	61	62.10	60.27	60.68	61.75	25.5	24.8	28.9	31.1	26.9	25	32.1	22.7	83	85	69	62	80	88	2.8
2	60.52	61.16	62.05	59.79	59.62	60.67	24.4	24.5	26.6	27.9	26.1	25.2	28.6	22	93	83	75	68	76	80	5.8
3	59.96	59.90	61.20	59.09	59.26	60.70	23.4	22.9	27	30	27.4	25.9	31	21.5	91	95	74	67	76	81	------
4	59.94	60.09	61.36	59.03	59	60.41	24.9	24.9	28.1	29.9	27.1	25.9	30.7	23.2	84	85	74	69	76	84	4.2
5	59.46	59.74	61.01	58.86	58.96	60.69	24.7	24.5	27.5	28.5	26.5	26	30.9	23.1	91	92	78	70	80	82	8.1
6	59.45	59.47	60.74	58.94	59.06	60.17	25.8	25.3	28.8	29.2	26.4	25.4	30.5	23	83	86	74	72	84	87	15
7	59.35	59.25	60.24	58.06	58.17	59.05	24	23.8	27.4	29.1	27.5	24.8	30.5	22.3	96	95	83	74	81	92	22.9
8	58.02	57.92	59.14	57.06	57.50	58.22	24.4	24	29.3	30.6	27.4	26.3	31.5	22.6	94	96	78	71	81	86	2
9	57.66	57.89	58.45	56.74	56.99	58.42	26	25.4	29.4	30.9	27.3	26.4	31.1	23.4	86	90	77	69	80	84	3.3
10	57.46	58.58	59.88	58.73	58.84	59.95	25.3	25.4	30	30.8	27.3	26.6	32	23.5	85	85	65	65	79	83	------
11	59.50	59.54	60.36	58.55	58.86	59.87	25.4	25.1	29.9	30.5	26	25.5	31.4	23.1	87	83	67	66	88	88	2.3
12	59.06	59.63	60.05	57.80	57.98	58.86	23.3	22.4	29.3	31.5	28	25.7	31.7	20.9	93	96	68	65	77	86	------
13	58.52	59.02	59.91	57.84	57.74	59.05	23.1	21.9	30	32.3	27.9	25.6	32.6	20.4	92	96	71	62	77	87	------
14	58.71	59.51	60.80	58.45	58.83	60.70	23.9	22.4	30.6	31.9	27.9	26.6	32.6	20.9	91	95	70	62	77	82	------
15	59.95	60.32	60.70	59.55	58.93	60.22	25.5	25.4	30.3	30.9	27.6	26.5	31.8	23.6	86	85	66	63	75	76	------
16	59.47	59.99	60.88	58.72	58.89	60.40	26.3	26.2	30.3	31.9	27.1	26.3	32.6	24.5	76	74	59	57	73	76	------
17	59.44	59.82	61.04	58.55	58.65	60.74	24.7	25.3	30.2	31.3	27.9	26.5	32.4	22.6	84	83	71	64	75	81	.3
18	59.60	59.74	60.94	59.08	58.79	60	25.8	25	28.6	30.5	28	26.3	31.2	23.4	83	86	74	62	77	82	1.8
19	59.30	59.59	60.50	59.17	59.03	60	25.9	25	30.4	30.5	27.3	26.3	31.9	23.5	81	83	64	59	73	76	.5
20	59.59	60.19	61.45	59.37	59.33	60.52	26	25.8	30.4	31.1	27.3	26	32	23.5	76	81	62	61	71	78	------
21	59.24	59.19	59.90	58.13	57.85	59.02	25	22.9	30.3	30.6	27.3	24	32.2	20.3	78	90	62	58	68	80	------
22	57.85	58.38	60.18	58.14	57.78	59.05	21.4	20.3	30	31.9	27.8	26.2	32.8	18.7	90	95	62	59	71	79	------
23	58.16	58.47	59.63	58.08	58.40	59.67	23.3	22	29.6	31.5	27	24.8	32.3	20.5	90	94	67	60	73	82	------
24	59.18	59.35	61.15	59.82	59.89	61.05	24.4	24.3	30.3	31.5	27.4	23	32	18.6	83	84	65	62	70	87	------
25	60.77	61.03	62.24	60.32	59.91	61.10	19.8	18.9	28.8	31.9	27.4	26.1	32.5	17 ?	94	95	64	58	73	78	------
26	60.24	60.15	61.76	60.03	59.98	61.05	25.6	25.5	29.3	31.3	26.5	26.3	32	23.4	80	80	64	63	80	70	------
27	60.58	61.21	61.93	59.97	60.28	61.95	22.4	20	28.9	31.5	27.6	26.4	32.2	18.6	81	91	71	59	76	79	------
28	61.39	61.26	62.30	60.23	60.18	61.45	24.1	22.9	26.9	29.7	27.6	25.9	31.8	21.4	82	86	84	72	79	83	4.1
29	60.86	61.14	62	59.99	60.23	61.50	25.1	24.9	30.2	31.5	27.4	26.1	32.1	22.4	88	88	66	64	76	80	2.3
30	60.50	60.77	62.25	60.54	60.43	61.70	25.8	24.9	30	29.3	27.4	26.5	32	23.1	81	84	61	72	76	81	7.1
31	60.31	60.54	61.93	59.67	59.78	61.42	25.3	24.4	28.3	30.7	27.1	26	31.4	22.3	88	93	72	69	79	80	9.4
Mean	59.50	59.80	60.91	58.99	59.03	60.30	24.5	23.9	29.2	30.7	27.3	25.8	31.7	21.9	86.1	88.2	69.6	64.6	76.7	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	91.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	NNE	ENE	NE	NE	66.2	71.3	70.3	89.8	297.6	4	Ci.	Cu.-N.	4	Ci.	Cu. ENE
2	NE	NE	NNE	NNE	NE	NE	112.9	119.3	122.6	63.9	423.7	9	Ci.-S.	N. NE	9	Ci.-S.	N.
3	NE	Calm	ENE	ENE	ENE	NE	46.7	38.9	69.8	64.6	220	5	Ci.-S.	Fr.-N. NE	2	Ci.	Cu.
4	NE	NNE	NNE	ENE	ENE	NE	57.1	73	71.8	67.4	269.3	2	Ci.	Cu.	3	Ci.	Cu.
5	NE	NE	NNE	NE	NNE	NE	59.7	59.5	71.6	63.1	253.9	6	Ci.	Cu. ENE	8	Ci.-S.	Cu.
6	NE	NE	NE	NE	ENE	ENE	77.4	83.5	71.9	61.2	294	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. ENE
7	Calm	NE	NE	NE	ENE	Calm	35.2	61.8	80.3	23.3	200.6	8	Ci.-S.	N. E	7	Ci.	Cu.
8	Calm	Calm	NE	ENE	NE	NE	17.4	34.1	56.5	43.1	151.1	8	Ci.-S.	N.	9	Ci.-S.	Cu.
9	NE	ENE	ENE	ENE	ENE	NE	32	56.1	91.7	66.5	246.3	10	Ci.-S.	N. E	5	Ci.	Cu. ENE
10	NE	NNE	NE	ENE	ENE	ENE	46.4	53.1	76.9	72.1	248.5	4	Ci.-S.	Cu.-N. E	5	Ci.	Cu. ENE
11	NE	NE	NNE	NE	E	ENE	60	63.3	64.7	44.1	232.1	0	------	------	7	Ci.-S.	Cu. ENE
12	Calm	Calm	ENE	E	ENE	Calm	13.2	36.4	60	34.6	144.2	0	------	------	2	------	Cu.
13	Calm	Calm	ENE	E	NNE	Calm	9.4	34.3	72.4	30.4	146.5	0	------	------	1	------	Cu.
14	Calm	Calm	ENE	E	NNE	NE	10	41.2	89.1	64.9	205.2	1	Ci.	Cu.	3	Ci.	Cu.
15	NE	NE	NE	ENE	NNE	ENE	48.8	92.8	102.2	100.3	344.1	1	Ci.	Cu.	2	Ci.	Cu. ENE
16	E	ENE	E	ENE	ENE	ENE	103.6	75.9	76.6	63.1	319.2	3	A.-Cu.	Cu. ENE	2	Ci.	Cu. E
17	Calm	NNE	NE	ENE	ENE	ENE	40.8	78.3	81.5	63.9	264.5	4	Ci.	Cu. E	4	Ci.	Cu. E
18	E	NE	E	ENE	ENE	NE	52.6	85.9	62.6	71.3	272.4	5	------	Cu.-N. ENE	6	Ci. NE	Cu. E
19	NE	NNE	NNE	ENE	NE	NE	73.8	86.7	90.6	66.2	317.3	1	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. E
20	E	ENE	ENE	E	NE	NE	38.4	74.3	83.4	50.7	246.8	4	Ci.	Cu.-N. E	2	Ci. W	Cu.
21	NE	Calm	NE	ENE	E	Calm	23.9	33.8	66.5	32	156.2	1	Ci.	Cu.	1	Ci.	Cu.
22	Calm	Calm	E	E	E	NE	10.5	33	62	45.9	151.4	1	Ci.	Cu.	1	------	Cu.
23	Calm	Calm	E	E	E	Calm	9.5	51.2	98.2	43.7	202.6	1	Ci.	Cu. ENE	1	------	Cu.
24	Calm	Calm	NE	E	NE	Calm	20.6	57.4	85	34.9	197.9	3	------	Cu.-N. E	1	Ci.	Cu.
25	Calm	Calm	NNE	ENE	NE	ENE	12.3	43.7	64.2	82.1	202.3	0	------	------	1	------	Cu.
26	E	NE	NNE	E	NE	ENE	83.9	99	108.1	73	364	7	------	Cu.-N. E	1	------	Cu.
27	Calm	Calm	NE	ENE	NNE	ENE	15.9	59.5	86.1	57.7	219.2	0	------	------	1	------	Cu.
28	Calm	NNE	NE	ENE	NNE	NE	35.6	61.8	87.4	55.5	240.3	1	Ci.	Cu.	3	Ci.	Cu. NE
29	E	NE	NNE	ENE	NNE	NE	38.6	59	78.1	62.6	238.3	8	Ci.-S.	N. E	2	------	Cu. E
30	NE	NNE	ENE	ENE	NE	NE	65.8	76.7	86.6	64.7	294.8	3	Ci.	Cu.-N. ENE	7	Ci.	Cu.-N. ENE
31	NE	Calm	NNE	E	NE	NE	56.6	60.9	81.5	67.6	266.6	8	Ci.-S.	N. E	5	Ci. W	Cu.
Mean	------	------	------	------	------	------	44.4	63.1	79.7	59	246.2	3.7	------	------	3.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,630.9	------	------	------	------	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.85	60.72	61.47	59.60	59.68	60.66	25.3	25.9	30.2	31.2	27.4	26.4	32.1	23.4	83	79	69	68	86	75	0.3
2	59.85	60.33	60.71	58.54	58.74	59.66	24.2	22.9	28.9	31.4	27.2	25.4	32	21.5	86	91	65	57	73	82	-----
3	59.08	59.34	60.33	58.38	58.65	60.25	25.1	25.2	30.4	31.5	27.3	25.8	32.7	22.7	83	83	57	61	74	82	18
4	59.39	60	60.88	59.33	59.39	61.12	24.1	22.5	29.1	31.5	27.3	25.6	31.9	21	84	94	72	68	78	83	.5
5	59.89	60.05	60.86	58.87	59.03	60.70	24.8	23.9	28.9	31.5	27.3	26	32	22.2	80	83	70	66	79	82	.5
6	59.08	59.37	60.53	58.05	58.12	59.65	25.1	23.3	28.7	31.3	27.5	26.5	31.8	21.6	82	91	68	60	76	79	-----
7	59.03	58.76	59.75	58.18	58.62	60.20	25.8	25.6	31	31.4	27.5	26	32.4	23.1	98	83	62	62	74	76	-----
8	59.24	59.17	60.71	58.83	58.88	60.42	24.1	24	29.7	32.1	28	25.5	32.4	22.6	87	87	61	63	77	84	-----
9	59.85	59.75	60.57	58.95	58.91	60.50	25	25.1	30.5	32.1	28.4	26.5	32.7	23.1	85	86	71	68	78	84	.5
10	59.29	59.37	60.54	58.62	58.12	59.80	26.2	25.9	31.2	31.5	27.5	26.4	32.5	23.7	85	86	62	70	77	81	-----
11	59.08	58.97	59.70	57.89	58.52	59.69	26.2	26.3	29.7	28.1	26.4	25.4	33.7	23.5	80	78	65	80	88	88	5.5
12	58.99	58.81	60.24	58.59	58.78	60.30	25.2	24.8	25	28.4	27	26	29	22.3	88	90	92	77	83	89	31.5
13	59.71	59.72	60.56	58.62	59.06	60.70	25.6	25.5	28.3	27.1	25.9	24.9	30.1	23.2	90	90	77	85	88	93	12.5
14	59.56	59.92	61.11	59.63	59.47	60.52	25.8	25.9	29.4	26.1	24.4	25.7	30.4	22.8	91	91	67	92	96	90	22.1
15	59.30	59.13	59.85	57.98	58.64	59.68	24.6	23.6	30.2	25.1	25	24	31.5	21.9	95	97	70	92	95	97	25.2
16	58.67	58.59	59.74	57.55	58.16	60.07	23.3	22.9	28.2	27.3	27.4	27	31.9	21.5	97	97	79	88	84	88	.8
17	59.06	59.35	60.21	58.01	58.33	60.07	25.9	24.5	30.1	32.3	27.9	27.4	33	22.8	93	96	73	73	85	84	-----
18	59.67	59.75	60.85	59.11	59.40	61.15	25.7	24.6	30.4	28.9	27.6	26.8	32.2	22.5	93	95	82	80	86	90	7.9
19	59.61	59.75	60.27	58.83	59.59	60.91	25.3	23.8	29.9	29.8	27	26.9	32.4	22.1	94	97	75	69	83	81	3.8
20	59.89	60.01	60.98	59.13	59.63	61.05	26.3	26	29.9	31.6	27.6	26.9	32.2	23	84	85	73	75	87	86	-----
21	59.99	59.87	60.99	59.02	59.18	61.05	26.7	26.4	30.6	31.5	28.3	27	32.1	24.5	87	89	70	67	78	86	1.8
22	60.20	60.10	60.91	59.25	59.21	60.34	26.3	25.8	30	31.7	28.5	26.8	32.5	22.8	90	91	71	64	75	81	3.3
23	59.46	59.16	60.26	58.20	57.76	59.02	25.7	25.3	28.5	30.9	28.2	27	32	22.7	87	88	72	66	74	81	16.8
24	58	58.14	59.25	57.38	57.71	59.05	26.2	25.9	30.9	32	28	27.2	32.5	24	85	87	67	65	77	84	.5
25	58.30	58.15	59.13	57.39	57.94	59.10	26.2	25.9	29.1	31.5	28.1	27.4	32.1	23.9	85	86	74	63	77	81	5.1
26	58.78	58.70	59.85	58.09	58.27	59.30	26.7	26.5	30.1	31.5	27.7	26.7	33.1	24.3	84	83	68	68	84	85	4
27	58.48	58.34	59.55	58.15	58.34	59.29	26	25.7	29.4	31.9	28.3	27.1	32.2	23.5	85	85	72	73	82	81	3
28	58	58.03	59.06	57.38	58	59.10	26.1	25.3	28.3	29.2	27	26.8	30.2	23.8	86	92	84	80	87	87	18.4
29	58.83	58.71	59.18	57.39	57.32	58.62	26.1	25.9	28.8	31.4	28.2	27	32	23.4	91	91	83	68	76	82	.3
30	57.87	57.89	58.70	56.54	56.91	58.14	25.9	26.1	31	32	28.1	26.8	33	24.4	86	86	66	64	77	82	-----
Mean	59.23	59.26	60.22	58.38	58.61	60	25.5	25	29.5	30.5	27.4	26.4	32	22.9	87.5	88.6	71.2	71.1	81.1	84.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	182.3

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	NE	ENE	NE	NE	55	78.4	68.6	68.2	270.2	1	-----	Cu. ESE	3	Ci. W	Cu.
2	NE	Calm	NE	ENE	NE	NE	28.8	62.2	68.2	58.9	218.1	6	-----	Cu.-N. E	7	Ci.-S.	Cu. E
3	NE	NE	ENE	ENE	NE	NE	46.5	64.6	79.2	64.4	254.7	6	Ci.	Cu. ENE	7	Ci.-S.	Cu.
4	Calm	Calm	NE	E	NNE	NE	48.3	54.2	74.5	55.5	232.5	10	Ci.-S.	Fr.-N. ENE	2	Ci.	Cu.
5	NE	NE	NNE	E	NE	NE	40.2	73	68.7	56	237.9	6	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
6	E	Calm	NNE	NE	E	ENE	53.4	56	62.8	46.1	218.3	10	Ci.-S.	Cu.	4	Ci.	Cu. ENE
7	NE	NE	ENE	ENE	ENE	NE	46.7	72.4	91.1	58.4	268.6	5	Ci.	Cu. ENE	2	-----	Cu.
8	NE	Calm	NNE	ENE	ENE	NE	37.8	50.4	66.3	41.8	196.3	3	Ci.	Cu. E	2	Ci.	Cu.
9	NE	NE	ENE	E	ENE	NE	43.8	68.1	76.2	64.7	252.8	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
10	NE	ENE	ENE	E	ENE	NE	48	74.6	89.8	62.5	274.9	3	Ci.	Cu. E	5	Ci.-S.	Cu. ENE
11	NNE	NNE	NNE	ENE	NNE	NE	59.8	70.2	68.6	65.5	264.1	5	A.-Cu. ENE	Cu.	9	Ci.-S.	Cu.-N. ENE
12	NE	NNE	NNE	NE	NE	NE	60.9	61.4	91.7	67.9	281.9	9	Ci.-S.	N. ENE	9	Ci.-S.	Fr.-N. ENE
13	Calm	Calm	E	ENE	E	Calm	23.9	55.3	92.5	49.7	221.4	10	Ci.-S.	N. ESE	10	Ci.-S.	Fr.-N.
14	E	E	NNE	ESE	Calm	E	27.2	46.9	42.6	20.3	137	9	Ci.-S.	Cu.	10	Ci.-S.	N.
15	Calm	Calm	SE	E	Calm	Calm	5.4	29.6	30.9	10.2	76.1	6	Ci.	Cu. ENE	10	Ci.-S.	N.
16	Calm	Calm	ESE	Calm	Calm	NE	10.8	26.9	23.6	44.3	105.6	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
17	Calm	Calm	SE	ENE	NNW	Calm	18.2	35.1	59.8	24.4	137.5	6	Ci.-S.	Cu.	6	Ci.	Cu. E
18	Calm	Calm	NE	E	E	NE	11.3	42	69.7	49.6	172.6	7	Ci.	Cu. E	10	Ci.-S.	Cu.-N. E
19	Calm	Calm	NNE	NE	NE	NE	20.6	-----	73.4	57.7	-----	1	Ci.	Cu.	2	-----	Cu.
20	NE	NE	NE	NE	NNE	NE	39.7	61.8	76.9	59.7	238.1	3	Ci.	Cu. ENE	2	Ci.	Cu.
21	NE	NNE	NE	ENE	ENE	NNE	64.7	78.1	94.4	64.7	301.9	2	-----	Cu. ENE	1	-----	Cu.
22	NE	NE	ENE	E	ENE	NE	47	74.6	76.2	70.3	268.1	7	-----	Cu.-N. ESE	1	-----	Cu.
23	NE	NNE	E	NE	NE	NE	66.6	75.8	89.9	80.7	313	3	-----	Cu.-N. E	4	-----	Cu.-N. E
24	NE	NNE	ENE	ENE	NE	NE	72.7	80.2	78.9	79.5	311.3	2	-----	Cu.-N.	1	-----	Cu.-N. E
25	NE	NE	NE	ENE	NE	NE	68.1	77.7	93.1	83.5	322.4	8	-----	N. ENE	1	-----	Cu.
26	NE	NNE	ENE	NE	ENE	NE	77.4	85.1	98	73.4	333.9	5	Ci.	Cu. ENE	5	Ci. SW	Cu. E
27	NE	NNE	ENE	E	NE	NE	83.4	87.9	73	76.1	320.4	5	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
28	NE	NNE	NNE	NNE	N	NE	88.7	90.7	91.7	76.9	348	9	Ci.-S.	Fr.-N. ENE	8	Ci.-S.	Cu.-N.
29	NE	NE	NE	NE	ENE	NE	79.2	84	81.6	59.5	304.3	4	Ci.	Cu.-N. ENE	5	Ci.	Cu. E
30	NE	NNE	NE	ENE	E	NE	64.6	65.7	69.8	50.4	250.5	3	Ci.	Cu.-N. ENE	1	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	48	64.9	74.1	58	245.9	5.5	-----	-----	4.9	-----	-----

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.06	57.37	58.55	56.79	57.21	58.56	25.5	25.8	30.1	31.6	27.7	26.8	31.9	24.1	89	88	70	61	76	84	------
2	57.37	57.24	58.36	56.74	57.51	58.97	25.9	26	29.4	33.1	27.1	24.9	33.4	23.2	85	83	69	59	81	92	49.3
3	58.39	58.59	60.06	57.77	57.97	59.41	24.7	24.6	24.5	27.4	27.2	25.8	27.5	22.5	93	93	91	77	82	88	28.2
4	58.02	57.69	58.13	56.74	56.42	57.57	26	25.8	29.2	30.5	27.9	27.4	31.5	24.1	85	87	72	68	79	81	43.5
5	56.18	56.42	57.41	54.27	53.64	54.36	26.9	25.7	24.6	25.5	24.9	26.1	27.4	21.9	77	84	91	88	94	90	97.7
6	52.94	53.44	55.71	55.16	56.25	58.09	25.9	25.7	25.6	26.6	26.4	26	26.8	23.2	86	89	93	90	90	90	14.5
7	56.82	57.28	58.24	56.86	57.70	59	24.7	24	29.6	30.1	28	25.5	31.6	22.5	93	97	74	72	81	92	.8
8	57.83	57.73	58.18	56.50	57.18	58.77	24.1	23.9	30.1	31	28.5	26.5	32.5	22.1	97	95	71	71	83	93	------
9	57.45	57.14	57.98	56.28	56.49	58.07	25.7	25.3	29.7	31.5	28.9	26.8	33.1	23	91	93	71	65	76	86	------
10	56.78	57.33	58.48	56.63	56.68	58.42	25.4	25.1	29.6	31.9	28.8	26.3	32.8	23.6	93	93	72	63	75	82	------
11	57.86	58.83	58.99	57.55	58.25	60.10	25.6	25.9	30.9	33.4	28.9	25.6	34.4	23.5	86	93	67	59	78	89	------
12	59.11	59.82	60.02	58.32	58.44	60.01	24.6	24.1	31.1	32.5	29.5	28	33.4	22	92	93	68	71	83	85	------
13	59.21	59.20	59.63	57.07	57.61	58.99	25.2	24	31.8	33.2	29.4	27.8	34.1	22.5	95	95	64	68	81	86	------
14	58.17	58.22	58.73	56.42	57.35	58.56	25.9	24.5	31.7	34.3	28.8	27.8	34.8	22.5	87	95	62	52	82	86	------
15	57.73	58.27	59.03	57.31	57.45	59.69	26.5	24.8	31.7	33.1	29.9	25.2	34.5	23.4	90	96	65	59	74	92	------
16	58.88	59.25	59.52	57.43	58.09	60.53	24.6	24.4	32.4	33.6	30.9	26.7	34.8	22.6	95	95	61	57	69	84	------
17	59.67	59.95	60.34	58.52	58.73	60.53	25.3	23.4	31.9	32	29.8	27.7	35	21.7	84	92	65	66	78	84	------
18	59.76	60.25	60.72	59.24	58.90	61.05	27	26.5	30.9	32.4	29	27	33.2	24.1	85	86	68	64	76	83	1
19	59.89	60.05	60.66	59.12	58.80	60.44	26.7	26.3	30.4	30.9	28.5	26.7	32.2	24.4	83	86	76	71	80	88	25.1
20	59.51	59.49	60.54	58.65	58.83	60.30	25.8	25	30.2	31.5	29	26.3	32.5	23.5	92	95	66	63	71	86	1
21	59.15	58.77	59.83	58.40	58.39	59.59	26.6	26.7	29	31.9	29.8	27.4	32.8	24	86	86	77	61	69	81	1.5
22	58.57	58.51	59.25	57.79	57.92	59.10	26.4	26.3	28.2	29.5	28	27	31.4	24	82	81	83	76	84	86	11.5
23	58.06	57.98	58.30	57.24	57.26	58.50	26.7	26.4	29.4	29.8	28.6	27.2	32.8	24	86	87	74	73	77	83	3.1
24	57.46	57.80	58.51	56.86	57.11	58.70	26.7	25.4	27.9	29.8	27.7	26.9	30.5	23.9	83	91	83	72	82	85	1.3
25	58.53	59.01	59.53	58.35	58.47	59.88	26.6	26.8	30.9	30	28	27	32.4	25	86	87	67	74	82	85	------
26	59.17	59.30	59.75	58.46	59.11	60.01	26.6	26.7	31.5	31.8	28.7	27.5	33	25.1	87	86	68	69	80	84	------
27	59.76	59.72	59.93	58.07	58.11	59.59	27.2	26.9	31.3	32.9	29.3	27.4	33.4	25.4	83	86	68	63	77	83	1
28	58.71	58.92	59.28	57.34	57.65	59.21	26.3	25.8	31.2	32.3	29.2	27.5	32.9	24.3	87	88	67	64	76	83	------
29	58.31	58.51	59.42	57.96	57.85	59.46	27.1	27	31.2	32.4	29.1	27.3	33.3	24.6	83	84	64	60	71	81	24.1
30	59.03	59.35	59.84	58.47	58.26	59.90	26.2	25.8	30.9	32.3	29.4	27.6	33	22.6	85	86	72	66	77	84	.6
31	59.06	59.90	60.12	58.43	58.58	59	26.9	26.8	30.8	32.2	29.3	27.8	32.8	24.4	83	84	74	68	75	83	10.4
Mean	58.21	58.43	59.13	57.44	57.68	59.17	26	25.5	29.9	31.3	28.6	26.8	32.4	23.5	87.4	89.5	72	67.4	78.7	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	314.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	NNE	ENE	NE	NE	47.7	59	49.3	54.9	210.9	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
2	NNE	NNE	NNE	NE	N	NE	55.5	65.7	80	70.6	271.8	7	Ci.-S.	Cu.	3	Ci.	Cu. E
3	NNE	Calm	ENE	NNE	NE	NE	38.8	47.5	61.2	53.3	200.8	10	Ci.-S.	N.	10	Ci.-S.	N.
4	NE	NNE	NNE	NNE	NNE	NE	56.1	107.8	94.8	88	346.7	2	Ci.	Cu. E	8	Ci.-S.	Cu.-N. ENE
5	NE	NNE	NNE	NNE	N	NE	66.5	103	154.7	200.9	525.1	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
6	NE	ENE	E	E	ENE	E	248.6	161.9	47.5	61.7	519.7	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. SE
7	Calm	Calm	NE	S	Calm	Calm	9.1	29.8	44	11.5	94.4	9	Ci.-S.	Cu.	7	Ci.-S.	Cu. S
8	Calm	Calm	S	E	E	Calm	17.7	30.4	42	20.9	111	7	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. SSW
9	Calm	E	SW	SSW	S	SSW	22.2	70.5	74	29.3	196	7	A.-Cu. S	Cu.	4	Ci.	Cu. SW
10	Calm	Calm	SW	SSW	SW	SW	25.1	66.5	81.8	48.6	222	7	Ci.	Cu. SSW	3	Ci.	Cu. WSW
11	SW	SW	SSW	SW	SSW	Calm	27.4	70.6	63.9	19.8	181.7	6	A.-Cu.	N. WSW	3	Ci.	Cu. SW
12	Calm	SSW	SW	E	Calm	E	17.2	39.4	46.5	36.2	139.3	3	Ci.	Cu.	3	Ci.	Cu. S
13	Calm	Calm	SW	ENE	NE	Calm	8.7	33.6	51.8	27.9	122	1	Ci.	Cu.	1	Ci.	Cu.
14	Calm	Calm	S	SSE	SW	Calm	10.8	40.2	35.9	16.9	103.8	1	Ci.	Cu.	1	------	Cu. SSE
15	Calm	Calm	SSW	S	SSE	Calm	12.3	52.1	62.8	13.2	140.4	1	Ci.	Cu.	2	Ci.	Cu. SW
16	Calm	Calm	S	SSW	Calm	Calm	9.7	48.9	61.2	9.7	129.5	1	Ci.	Cu. SW	1	Ci.	Cu. WSW
17	Calm	Calm	SSE	E	Calm	Calm	16.1	30	46.4	34.3	126.8	0	------	------	7	Ci.-S.	N. S
18	Calm	Calm	NE	NE	ENE	NE	25.1	48.8	81.5	48.9	204.3	3	Ci.	Cu. ENE	3	Ci. WSW	Cu.
19	NE	NNE	NE	NE	NE	Calm	46.7	59.7	62.6	45.4	214.4	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
20	Calm	Calm	NE	NE	ENE	NE	15.6	46.9	81.3	57.1	200.9	3	Ci.	Cu. ENE	3	Ci.	Cu.
21	NE	NNE	NE	ENE	ENE	NE	53.4	72.1	69.2	59.8	254.5	3	------	Cu.-N. ENE	1	------	Cu.
22	NE	NNE	NE	NNE	ENE	NNE	44.9	56.3	53.6	48.5	203.3	1	Ci.	Cu.	8	Ci.-S.	Cu. E
23	NNE	NNE	NE	NNE	ENE	NE	30.6	51.7	71.3	54.2	207.8	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
24	Calm	NE	ENE	NE	NNE	NE	39.2	40.2	56.6	52.3	188.3	9	Ci.-S.	Cu. ENE	9	Ci.-S.	N.
25	NE	NE	Calm	E	E	NE	47.7	31.9	57.1	45.7	182.4	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
26	NE	Calm	NE	ENE	ENE	NE	49.4	39.2	71	50.5	210.1	5	A.-Cu. W	Cu.	6	Ci.-Cu. W	Cu. S
27	NE	NE	NE	NNE	NNE	NE	49.1	56.9	68.6	43.8	218.4	1	Ci.	Cu.	4	Ci.	Cu.-N. ENE
28	NE	NE	NNE	NE	ENE	E	37	48.5	85.5	46.4	217.4	1	------	Cu. E	1	------	Cu.
29	Calm	NE	NE	ENE	NE	NE	35.1	61.2	83.7	45.7	225.7	2	------	Cu. ENE	1	------	Cu.
30	Calm	Calm	NNE	NE	NE	NE	14.3	55.8	71.8	61.7	203.6	1	Ci.	Cu.	4	Ci.-S.	Cu.
31	NE	NNE	NNE	NE	NE	ENE	52	66	85.3	55.8	259.1	9	Ci.-S.	N. ENE	4	Ci.	Cu. E
Mean	------	------	------	------	------	------	39.7	57.8	67.6	48.8	213.9	4.9	------	------	5.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,632.1	------	------	------	------	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.06	58.39	59.53	57.69	57.35	58.93	27.3	27.4	27.5	32	28.7	27.5	32.1	24.7	85	84	85	65	79	86	8.7
2	58.02	58.13	58.91	57.24	58	59.13	26.9	26.3	29.2	33	29.7	27.5	33.3	24.5	86	88	77	67	77	85	.3
3	58.57	58.13	58.88	56.34	57.01	58.47	27	26.8	29.8	31.1	28.9	27.4	32	25.2	86	87	74	67	77	85	------
4	57.60	57.52	58.15	56.47	56.65	58.65	27	26.8	31.5	33.1	29.7	27.5	33.5	24.9	86	87	72	66	79	85	------
5	57.56	56.91	57.45	55.97	55.59	57.78	26.7	25.8	31.8	33.1	29.4	28.4	33.7	24	88	93	70	60	79	82	------
6	56.96	57.13	58.39	56.61	56.68	58.59	26.8	25.6	31.4	31.5	29.6	27.4	33.9	23.8	86	93	62	66	71	81	------
7	57.41	57.66	57.74	56.97	57.16	58.35	27.2	27.4	30.7	31.8	29.3	28.1	33.7	24.7	81	81	70	65	76	82	------
8	57.90	58.12	58.55	57.19	57.39	58.79	27.6	27.4	31.4	33	29.6	27.5	33.6	25.2	82	83	68	60	76	84	------
9	58.38	59.14	59.24	57.52	57.56	59.21	25.8	23.9	31	33	29.4	28.1	33.5	22.1	87	93	65	59	76	79	------
10	58.96	59.12	59.15	57.58	57.96	59.91	27.1	26.3	31.8	33.3	29.4	28.1	34	24.8	82	86	65	61	77	79	------
11	58.71	59.24	59.74	57.67	58.05	58.98	26.3	24.3	31.1	33	29.4	28.1	33.7	22.8	85	91	67	61	72	81	------
12	58.67	59.13	59.40	57.57	57.50	59.33	25.4	23.4	29.7	33	29.8	27.8	33.9	22	88	95	71	57	74	79	------
13	58.79	58.92	59.37	57.65	58.32	59.65	25.3	24.4	32.3	33.6	29.3	26	34.5	22.9	91	93	62	58	81	91	------
14	59.34	59.48	59.57	57.34	57.95	59.73	24.9	23.8	31.7	33.6	29.4	27.9	34.2	22.3	87	93	67	60	79	83	.8
15	58.91	59.17	58.92	57.32	57.44	59.35	25.9	25.1	32.1	32.9	29.9	28.5	33.6	23.6	91	95	64	61	76	80	------
16	58.16	58.06	58.63	57.20	57.91	59.05	26.4	26.2	31.3	33.7	26.7	25.4	34.5	24	90	90	66	59	88	91	------
17	58.72	58.66	59.05	57.57	57.85	59.93	24.7	24.8	30.2	32.5	29.4	27	33.6	22.9	95	95	68	59	75	89	------
18	59.65	59.74	60.27	58.52	58.34	60.13	25.4	25	31.4	34.1	29.7	26.6	34.8	23	91	93	68	59	75	90	------
19	60.32	60.62	61.09	59.44	59.38	60.45	25.4	24.5	31.4	32	29.9	26.5	34.2	23	91	94	68	66	70	87	------
20	59.61	60.30	60.18	58.53	58.72	59.98	24.9	24	31.9	33.9	29.4	26.8	34.8	22.5	89	94	66	59	78	88	------
21	59.37	59.52	59.17	58.32	58.51	58.95	25.3	24.7	32.7	34.3	29.2	26	35	23	95	96	60	55	72	91	------
22	59.16	59.08	58.89	57.72	58.27	60.13	24.2	23.7	32.3	34.8	30.5	26.3	35.3	21.6	92	94	59	50	69	86	------
23	59.92	59.87	59.75	57.89	58.87	59.73	25	24.6	33	34.1	29.9	26.5	35.6	23	93	95	55	53	73	90	------
24	59.69	59.80	59.92	58.57	58.64	59.49	24.4	23.9	31.7	31	30.2	24.7	34.7	22.5	96	95	68	67	70	88	.8
25	59.87	60.06	60.71	59.18	58.91	60.54	23.5	23.3	29.5	28	27.3	27	29.9	21.9	95	95	69	74	78	77	9.4
26	60.45	59.75	59.69	58.34	59.23	60.32	24	23.3	27.9	31.9	27.7	26.2	32.8	22	95	97	80	65	79	85	1
27	58.88	59.24	59.57	57.94	59.19	60.35	25	23	30.4	32	27.4	23.9	32.9	21.4	87	97	72	64	81	92	31.7
28	59.89	60.01	60.59	59.36	59.46	61.52	25	25.2	29.8	24.9	26.4	25.2	31.1	22.1	92	92	77	90	86	92	3.3
29	60.78	60.80	61.40	59.12	58.85	60.31	24.4	23.3	30.4	32	29.4	27	32.9	21.6	94	96	74	67	76	84	------
30	59.33	59.17	59.03	57.31	57.96	58.93	26.2	25.3	30.8	33.9	29.4	27.5	34.3	23.8	89	93	71	63	77	85	------
Mean	58.92	59.03	59.36	57.74	58.02	59.49	25.7	25	30.9	32.5	29.1	26.9	33.7	23.2	89.2	91.9	68.7	62.8	76.5	85.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	56

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NNE	NE	58.9	41.3	62.2	58.1	220.5	6	Ci.-S.	Cu.-N. ENE	4	Ci.-S.	Cu. ENE
2	NE	NNE	NNE	ENE	E	NE	48.1	51.5	58.2	55.5	213.3	2	------	Cu. ENE	2	Ci.	Cu. E
3	NE	Calm	Calm	NE	ENE	NE	40.5	33.8	50.7	42.3	167.3	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu.
4	NE	Calm	ENE	ENE	NNE	NE	35.4	45.6	72.9	19.3	173.2	2	Ci.	Cu.	2	Ci.	Cu.
5	Calm	Calm	NNE	NE	E	Calm	7	40.2	78.9	36	162.1	6	Ci.	Cu. E	3	Ci.	Cu. E
6	Calm	Calm	Calm	ENE	NE	Calm	6.1	27.4	66.3	39.2	139	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.
7	ENE	ENE	NNE	NE	NNE	NE	43.1	67.1	74.2	54.5	238.9	3	Ci.	Cu. E	5	Ci. WNW	Cu.
8	NE	ENE	NE	ENE	NE	NE	51.8	59.3	86.7	34.6	232.4	3	Ci.	Cu. E	2	------	Cu. E
9	Calm	Calm	NE	ENE	NNE	NE	10	32.4	66.5	45.9	154.8	1	Ci.	Cu.	1	------	Cu.
10	NE	Calm	NE	ENE	NNE	NE	43.3	60.6	73.4	56.5	233.8	0	------	------	3	Ci.	Cu.
11	Calm	Calm	NE	ENE	ENE	NE	16.4	29	67.8	62.2	175.4	2	Ci.	Cu.	6	Ci.-S.	Cu.
12	Calm	Calm	NNE	NE	NE	NNE	11.9	27.7	63.3	47.2	150.1	0	------	------	1	------	Cu.
13	Calm	Calm	NNE	NE	Calm	Calm	8.7	30.1	62.5	14.7	116	1	------	Cu.	3	Ci.	Cu.
14	Calm	Calm	NE	ENE	NE	Calm	14.5	41	71	39.6	166.1	2	Ci.	Cu.	2	------	Cu.
15	Calm	Calm	ENE	NE	ENE	ENE	3.7	37.5	80	31.2	152.4	1	Ci.	Cu.	3	Ci.	Cu.
16	Calm	Calm	NE	ENE	Calm	Calm	10.8	31.6	50.5	9.5	102.4	3	Ci.	Cu. E	8	Ci.-S.	Cu. E
17	Calm	Calm	S	S	Calm	Calm	23.9	41.2	55.5	11.6	132.2	4	Ci. NE	Cu.	5	Ci.	Cu. S
18	Calm	Calm	NE	ENE	E	Calm	13.2	19.8	56.1	18.3	107.4	6	Ci.-S.	Cu.	3	Ci.	Cu.
19	Calm	Calm	Calm	Calm	NE	Calm	14.7	26.6	38	14.3	93.6	3	Ci.	Cu.	6	Ci.-S.	Cu.
20	Calm	Calm	ENE	E	Calm	Calm	8.5	34.4	42.4	13.2	98.5	1	------	Cu. E	3	Ci.	Cu.-N.
21	Calm	Calm	E	E	Calm	Calm	11.1	34	45.7	11	101.8	3	Ci. E	Cu.	5	Ci.-S.	Cu.-N.
22	Calm	Calm	WSW	SW	W	Calm	16.7	41.5	58.2	16.1	132.5	0	------	------	3	------	Cu.-N. WSW
23	Calm	Calm	Calm	SSW	Calm	Calm	14.7	29.5	57.1	8.9	110.2	0	------	------	3	------	Cu.
24	Calm	Calm	NNE	Calm	SE	Calm	12.6	33.6	41.6	34.9	122.7	0	------	------	9	Ci.-S.	Cu.
25	Calm	Calm	NE	ENE	NE	NE	13.9	47.8	58.7	41.2	161.6	3	Ci.	Cu. E	10	Ci.-S.	N.
26	Calm	Calm	NE	ENE	NE	ENE	14.8	18.3	59.3	48.1	140.5	4	Ci.	Cu.	6	Ci.-S.	Cu. E
27	Calm	Calm	NNE	NE	WSW	Calm	9.2	33.8	52.3	17.1	112.4	1	Ci.	Cu.	6	Ci.-S.	Cu.
28	NE	Calm	Calm	Calm	Calm	Calm	41.3	24.9	30.9	12.4	109.5	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	N.
29	Calm	Calm	NNE	NE	NE	NE	10.8	26	40	37.6	114.4	3	Ci.	Cu.	5	Ci.	Cu. NE
30	Calm	Calm	NNE	NE	NE	Calm	7.7	36.8	64.4	23.8	132.7	1	Ci.	Cu. ENE	2	------	Cu.
Mean	------	------	------	------	------	------	20.8	36.8	59.5	31.8	148.9	2.8	------	------	4.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,467.7	------	------	------	------	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.67	58.78	59.08	57.56	57.69	59.23	26	25.8	31.3	34	29.4	27.4	34.4	24	94	93	70	65	77	89	------
2	58.85	59.27	60.18	58.46	58.65	59.95	26	24.9	31.2	32.8	29.3	26.2	33.5	23.6	87	87	75	72	86	94	------
3	59.01	58.94	59.79	58.43	58.53	59.95	25.2	24.6	30.6	33.5	27.9	26.1	34.2	23.3	95	95	74	61	79	88	7.9
4	58.93	58.98	59.24	57.70	57.36	58.76	25.6	25.4	30.2	31.1	28.9	28	32.9	23	89	90	74	71	76	81	2.5
5	58.05	57.95	58.71	57.34	57	58.31	25.8	26	29.4	30.5	27.2	26.7	33	23.8	91	90	74	71	90	86	1.3
6	57.68	57.94	58.82	57.69	57.66	58.32	25.2	24.9	28.1	30.3	28.8	26.3	31	24.6	93	95	83	73	78	92	------
7	58.16	58.34	58.56	56.77	57.61	59.10	24.6	24.3	30.7	31	29.3	25.8	32.6	23.6	96	97	70	65	74	93	1
8	58.43	58.17	58.10	56.27	57.01	59.18	24.2	23.9	31.8	31.1	28.9	26.7	33.1	23.3	97	95	68	71	78	85	7.1
9	57.75	57.81	57.89	56	56.34	57.87	22.9	22.7	30.4	31.2	28.4	26.5	32.6	22.2	92	92	74	69	80	90	------
10	56.86	57.50	57.78	56.31	56.27	57.35	24.5	24.3	31.2	26.9	26.8	25.8	33.1	24.1	94	94	65	91	88	92	5.6
11	56.88	57.48	57.75	56.84	56.94	58.15	25.1	24.2	30.3	28.2	28.1	25.8	31	24	92	94	72	82	84	90	------
12	58.07	58.40	58.29	56.77	58.01	59.20	25	24.9	30.1	33.6	26.4	26	33.9	24.4	92	92	70	62	86	88	------
13	58.38	58.42	58.14	56.56	57.05	57.37	24.8	23.9	30.9	33.7	28.5	26.5	34.4	23.4	91	95	72	61	76	86	------
14	55.98	55.89	55.11	52.98	52.82	53.61	25.5	24.8	28.7	30.5	26.4	24.9	30.8	24	90	93	78	65	90	96	95.1
15	50.17	49.11	47.24	45.29	45.16	49.29	24.8	25.3	25.7	26.7	25.9	24.9	26.8	23.8	94	88	92	86	88	92	57
16	49.61	51.74	53.36	52.93	53.13	54.94	24.6	24.5	25	25.9	25.4	24.5	26.3	23.4	92	94	94	90	89	91	62.6
17	54.24	54.20	55.67	54.89	54.99	56.40	25.6	24.9	27.7	30.4	28.2	26.2	31.1	24.6	88	92	77	64	74	85	4.1
18	55.79	55.78	55.99	54.69	55.34	56.61	25.5	25.2	29.7	31	28.2	27.8	31.8	24.7	85	84	69	59	72	75	4.3
19	55.97	55.37	55.46	55.02	55.33	56.62	25.7	25.3	28.4	31	27.9	27.5	31.7	24.6	88	92	80	65	80	77	5.6
20	55.92	56.17	56.79	55.74	55.93	56.87	25.9	25.2	29.6	29	28.7	27	31.6	24.5	85	88	70	80	72	77	1.3
21	56.17	56.37	56.97	55.70	56.69	56.41	25.9	26	27.9	30.5	26.1	24.7	31.6	23.5	84	92	86	68	79	88	2
22	55.79	55.44	55.49	54.51	54.99	55.62	24.6	25.4	29.4	30	27.3	24.6	30.5	23.4	88	91	70	71	79	87	4.1
23	54.45	54.13	54.06	53.11	53.53	54.58	24.8	24.9	28.3	28.8	26.3	25.9	30.5	23.6	90	91	77	72	85	87	6.4
24	53.93	53.89	55.06	54.25	54.93	55.99	25.6	25.8	27.6	27.9	26.3	25.4	28.9	24.4	87	87	82	79	85	88	2
25	55.24	55.97	56.41	55.68	56.10	58.25	25.2	25.5	29.9	29	27.9	26.1	31.9	24.3	87	85	67	74	76	84	------
26	56.87	56.62	57.31	56.38	56.61	57.89	25.6	25.4	30.2	30.4	28.5	27	32.3	24.6	87	88	65	65	75	83	------
27	56.28	56.12	55.93	54.81	54.62	55.89	26.5	26	29.1	29.2	26.9	25.4	30.4	24.8	85	87	71	72	85	92	20
28	53.85	53.71	53.63	52.47	52.60	53.31	24.8	24.4	26.2	26.2	25.8	24.9	27	23.7	92	94	92	89	89	85	28.9
29	52.06	52.62	53.37	52.57	53	55.17	25.3	24.8	27.2	27.2	25.9	25.6	27.8	23.5	88	92	82	83	90	89	24.5
30	54.57	54.94	56.12	55.10	55.79	57.22	25.6	25.3	26.9	30.5	28.2	26.4	30.9	24.6	91	93	90	68	77	86	1.3
31	56.18	56.40	57.36	55.82	55.76	56.82	25	24.9	29.9	31.4	28.4	26.3	31.9	24.5	92	92	68	63	77	86	------
Mean	56.09	56.21	56.57	55.31	55.59	56.91	25.2	24.9	29.1	30.1	27.6	26.1	31.4	23.9	90.2	91.4	75.8	71.8	81.1	87.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	344.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NNE	NE	ENE	Calm	9.9	30.6	52	19	111.5	5	Ci.-S.	Cu. E	6	Ci. SW	Cu.-N. ESE
2	Calm	Calm	NE	NE	NNE	Calm	7.7	24.6	47.3	11.6	91.2	3	Ci.	Cu. E	4	Ci.-S.	Cu. ENE
3	Calm	Calm	NNE	ENE	NE	NE	3.7	36.4	64.6	33.6	138.3	1	Ci.	Cu. E	3	Ci.	Cu. E
4	Calm	Calm	NNE	Calm	ENE	Calm	5.9	------	41.8?	31.7	------	10	Ci.-S.	Fr.-N. E	6	Ci.-S. WNW	Cu. E
5	Calm	E	Calm	NE	NNE	Calm	10.7	34.1	47	15.9	107.7	5	Ci.	Cu. E	9	Ci.-S.	Cu. ENE
6	Calm	Calm	Calm	NNE	Calm	Calm	2.7	9.1	------	------	------	7	Ci.-S.	N. E	10	Ci.-S.	Cu.-N. NE
7	Calm	Calm	NNE	Calm	Calm	Calm	------	------	------	------	------	8	Ci.-S.	Fr.-N. E	4	Ci.	Cu.-N.
8	Calm	Calm	Calm	Calm	WSW	Calm	------	------	------	31.2	------	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. WSW
9	Calm	Calm	SW	SW	Calm	Calm	19.5	49.6	64.9	21.9	155.9	2	Ci.	Cu.	6	Ci.-S.	Cu. W
10	SW	SW	WSW	Calm	Calm	Calm	44.3	63.8	57.3	25.4	190.8	1	Ci.	Cu.	10	Ci.-S.	Fr.-N.
11	Calm	SSW	WSW	WSW	WSW	Calm	31.4	44.5	54.4	19.6	149.9	10	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu.
12	Calm	Calm	Calm	NNE	Calm	N	23.1	20.7	44.8	20.6	109.2	5	Ci.-S.	Cu. W	4	Ci.-S.	Cu.-N.
13	Calm	Calm	NNE	NNE	NW	Calm	18.7	28	45.4	18.8	110.9	1	A.-Cu.	Cu.	3	Ci.-S.	Cu.-N.
14	Calm	Calm	Calm	NNE	NNW	NE	16.3	38.6	91.7	43.3	189.9	10	Ci.-S.	N.	10	Ci.-S.	Cu. NNW
15	WNW	WNW	WNW	WSW	WSW	SW	51.5	151.5	163.1	282.4	648.5	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	Fr.-N. WNW
16	SW	SW	WSW	SW	SSW	WSW	180.5	146.2	125.7	127.9	580.3	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SSW
17	SSW	SW	SW	WSW	WSW	SSW	115.9	108.9	115.3	93.5	433.6	10	Ci.-S.	N. SW	7	Ci.-S.	Fr.-Cu. SW
18	SW	SW	SW	SSW	WSW	WSW	50.9	110.4	131.7	84	377	7	Ci.-S.	Cu.	5	Ci.-S.	Fr.-Cu. SW
19	WSW	WSW	WSW	WSW	WSW	SW	70.8	115.7	121.2	71.1	378.8	4	------	Fr.-Cu. WSW	3	Ci.	Fr.-Cu. WSW
20	SW	SW	SSW	WSW	WSW	SW	79.5	126.3	138.7	78.6	423.1	3	A.-Cu.	Cu. WSW	4	Ci.	Cu. WSW
21	SW	SSW	W	WSW	W	WSW	94.8	88.3	132.8	83.9	399.8	10	Ci.-S.	Fr.-N. W	8	Ci.-S.	Cu.-N. WSW
22	SW	SW	SW	WSW	WSW	WSW	34.4	91.1	103.2	53.9	282.6	9	Ci.-S.	Fr.-N. WSW	9	Ci.-S.	Fr.-N. W
23	SW	Calm	SW	SW	SW	SW	39.7	68.1	88.7	68.6	265.1	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
24	W	SSW	SSW	SSW	SW	SW	92.2	107.5	113.7	49.7	363.1	8	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. SW
25	SW	WSW	WSW	WSW	WSW	WSW	53.7	------	------	50.1	------	8	Ci.-S.	Fr.-N. WSW	8	A.-Cu. NNW	Cu. WSW
26	W	WSW	WSW	WSW	WSW	WSW	69.5	108.1	87.9	38.3	303.8	2	Ci.	Cu.	8	Ci.-S.	Fr.-N. W
27	WSW	WSW	W	W	W	WSW	39.9	112.9	84.3	68.4	305.5	8	A.-Cu. NE	Cu.	10	Ci.-S.	Cu. NNW
28	W	WSW	WSW	SW	WSW	WSW	117.2	92.3	105.7	132	447.2	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. WSW
29	W	WSW	SSW	WSW	WSW	WSW	119.9	108.1	129.3	82.6	439.9	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
30	W	WSW	WSW	WSW	WSW	WSW	67.1	93.9	109.4	57.4	327.8	10	Ci.-S.	Fr.-N. SW	5	Ci.-S.	Cu.-N. SW
31	W	WSW	WSW	W	WSW	WSW	65	111	115.7	57.7	349.4	2	A.-Cu.	Cu. SW	3	Ci.	Fr.-Cu. WSW
Mean	------	------	------	------	------	------	53	78.5	91.8	61.1	295.4	6.5	------	------	7.1	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.38	56.22	56.33	55.57	55.69	57.06	25.7	24.9	30.4	26.1	25.6	25	30.6	24.4	88	93	72	94	93	94	34
2	55.93	57.12	57.01	55.54	56.36	57.48	25.2	25.4	28.9	29.4	27.4	25.7	30	24.5	92	92	78	74	84	90	6.1
3	57.06	57.22	58	56.52	56.59	57.37	25.3	25.4	28.9	32.4	27.8	25.8	32.9	24.6	92	90	74	57	79	89	------
4	57.01	57.11	57.55	56.08	56.11	57.07	24.8	25.1	28.4	27.4	27.8	26.1	31.9	24.3	87	97	71	84	76	87	3.3
5	56.01	56.01	57.15	55.37	56.10	56.73	26.1	25.6	25.8	28.6	26.2	25	29.6	24.7	88	90	91	76	86	88	13.3
6	56.19	56.57	57.36	55.81	55.77	57.04	25	25.1	25.2	26.6	25.9	25.5	26.9	24.3	87	94	93	88	91	91	15.5
7	56.51	56.87	58.11	56.20	56.55	57.46	25.6	25.1	26.7	30.3	27.7	25.5	31	24.4	91	92	80	66	81	92	1
8	57.33	57.43	57.49	56.49	56.93	58.57	25.4	25.4	30	31.2	28.9	26.9	32.2	24.9	92	92	65	64	75	88	------
9	57.42	57.47	57.93	56.78	57.06	57.90	26.1	24.9	30.3	31.9	27.8	25.6	32.1	24.3	91	91	69	63	74	88	------
10	57.36	57.27	57.54	56.18	56.44	57.42	25.2	25.1	30.2	31.4	28	26.5	33	24.4	90	90	66	63	80	88	------
11	56.72	56.76	57.39	55.76	55.87	57.51	25.7	25.1	29.9	29.5	27.3	25.9	31.1	24.7	88	91	71	75	83	87	------
12	56.38	56.24	56.81	55.11	56.06	57.43	25.1	25	31	29.9	26.8	25.6	31.9	24.5	91	91	63	71	92	88	17.5
13	56.42	56.38	56.93	55.54	55.33	56.96	24.6	24.4	30.2	29	26.3	25.6	30.9	23.9	89	90	71	76	91	95	31.6
14	56.14	55.90	56.98	54.22	54.59	55.06	23.1	24.2	26.3	27.1	25.8	25.1	27.4	22.6	98	93	85	80	84	92	5.4
15	53.63	53.53	54.12	52.47	52.36	53.82	25.2	25.3	26.6	29.2	27.5	26.9	29.2	24.6	92	93	90	75	76	78	2.1
16	53.30	54.19	55.78	55.53	57.20	58.49	26	25.9	30.3	31.4	26.2	24.5	33.5	23.9	84	84	66	61	87	91	3.8
17	58.37	58.88	59.75	58.24	58.54	59.92	24.1	24	28.1	30.3	28.4	25.1	30.6	23	93	93	77	72	78	93	------
18	58.45	58.92	59.45	57.47	57.61	58.86	25.9	24.5	31.4	32.8	29.3	26.1	33.9	24	88	89	68	64	79	90	.3
19	57.27	57.21	57.33	54.99	55.75	56.62	25.7	25	31.4	32.2	27.3	26.7	33.8	24.4	90	91	65	65	90	94	13.9
20	56.53	56.82	56.65	55.72	56.07	57.41	25.7	24.7	27.4	27	26.1	25.4	30.1	24.2	93	94	84	87	86	92	1.3
21	56.75	56.62	57.11	55.93	56.20	57.36	25	24.5	30.7	28.7	27.6	26	31.6	23.6	88	91	67	78	82	87	1.5
22	56.63	56.43	57.05	55.75	56.05	57.21	24.8	24.6	27.6	30.3	27.3	25.6	31.7	24	92	93	83	70	85	88	1.1
23	56.64	56.65	57.16	55.84	56.48	57.43	24.7	24.5	28.4	28.1	26.3	25.2	29.7	24	92	93	80	83	89	92	10.2
24	57.17	57.40	57.77	56.18	57.05	58.71	24.8	24.9	29.3	30	25.9	25.6	30.6	24.5	93	92	74	73	83	84	22.9
25	57.88	58.58	59.59	57.33	58.69	59.27	25.2	24.9	29.5	30.1	27.8	25.6	31.8	24	86	87	70	68	74	84	5.6
26	58.19	57.95	58.35	56.65	56.58	57.27	25.1	25	29.8	28.3	27.7	25.5	31.6	24.5	87	88	72	80	79	88	2.6
27	56.13	55.54	55.66	54.01	54.19	55.24	24.8	24.9	29.4	29.3	26.8	25.5	29.9	24.2	92	92	72	69	80	84	1.3
28	54.92	54.88	55.88	54.16	55.01	56.70	25	24.4	26.8	30	27.4	25.6	30.8	23.6	88	91	85	62	77	87	------
29	56.63	57.14	58.36	56.95	57.45	59.21	24.9	24.7	29.2	29.9	27.2	25.4	31.7	24.4	92	92	72	69	86	87	------
30	57.94	57.77	58.44	57.13	57.55	58.67	24.7	25.2	30.6	31.9	25.3	25.1	32.9	24.2	85	83	67	64	93	92	.8
31	57.46	57.20	57.79	55.68	56.23	57.62	24.5	24.5	30.4	28.9	25.4	24.5	32.6	23.6	93	92	68	74	88	92	------
Mean	56.67	56.78	57.38	55.85	56.27	57.45	25.1	24.9	29	29.7	27.1	25.6	31.2	24.2	90.1	91.1	74.5	72.4	83.3	89	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	195.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	W	WSW	WSW	WSW	WSW	W	48.8	97.9	83.1	58.5	288.3	2	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.-N. WSW
2	W	WSW	WSW	WSW	WSW	Calm	73.4	63	106.8	40.4	283.6	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Cu. WSW
3	Calm	WSW	W	WSW	W	WSW	29.3	65.8	99.6	31.4	226.1	4	------------	Cu. WSW	3	------------	Fr.-Cu. WSW
4	W	Calm	W	WSW	WSW	WSW	38.4	69	96.9	63.3	267.6	7	A.-Cu. W	Cu. WSW	5	------------	Cu.-N. W
5	WSW	WSW	WSW	WSW	WSW	WSW	72.7	79.5	105.2	49.4	306.8	6	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Fr.-N. W
6	W	WSW	WSW	WSW	WSW	W	48.8	68.9	107.2	64.4	289.3	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. WSW
7	W	Calm	WSW	WSW	WSW	WSW	55.2	91.9	101.1	80.8	329	7	A.-Cu.	Cu. SW	6	A.-Cu.	Cu.-N. WSW
8	W	WSW	WSW	W	WSW	W	60.4	95.2	111.3	60.9	327.8	6	A.-Cu.	Cu. WSW	7	Ci.-S.	Cu. WSW
9	W	W	WSW	WSW	WSW	W	69.2	119.6	132	42.1	362.9	4	Ci. NE	Cu. WSW	4	Ci.	Cu. WSW
10	W	WSW	W	WSW	W	Calm	50.1	103.2	101.9	46.1	301.3	8	Ci.-S.	Cu. WSW	9	Ci.-S.	Cu. W
11	W	WSW	WSW	WSW	WSW	WSW	48.6	78.1	75.4	43.3	245.4	7	Ci.-S. ENE	Cu. WSW	9	Ci.-S.	Cu. W
12	W	WSW	W	WSW	WSW	W	41.6	82.9	62.8	55.5	242.8	3	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.-N. WSW
13	W	WSW	WSW	WSW	SW	Calm	65.8	71.6	68.1	25.2	230.7	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NW
14	W	WSW	W	WSW	W	W	68.6	111.8	103	98.4	381.8	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. NW
15	W	WSW	WSW	WSW	W	WSW	68.1	57.7	100.1	105.9	331.8	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. WSW
16	W	WSW	W	WSW	W	WSW	99.5	106.7	86.6	42.4	335.2	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Cu.-N. SW
17	Calm	Calm	W	W	Calm	Calm	26	16.7	26.6	10.7	80	8	A.-Cu. SE	Cu.	9	Ci.-S.	Cu.
18	N	Calm	N	NNE	NNE	Calm	40	35.1	60.7	39.4	175.2	4	Ci.	Cu.	2	Ci.	Cu.
19	Calm	Calm	Calm	NE	Calm	Calm	17.1	31.4	34.9	13.4	96.8	4	Ci.	Cu. NNE	2	------------	Cu.-N.
20	W	WSW	WSW	WSW	Calm	Calm	55.3	78.1	65.4	22.2	221	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. WSW
21	W	WSW	WSW	WNW	WSW	WSW	38.6	70.5	68.6	40.2	217.9	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. WSW
22	W	WSW	WSW	WSW	Calm	WSW	48	74	58.5	41.8	222.3	1	Ci.	Cu.	7	Ci.	Cu.-N. SW
23	W	WSW	WSW	W	WSW	W	41.3	65.8	62.8	61.4	231.3	3	------------	Cu.-N. WSW	7	Ci.-S.	Cu. WSW
24	W	WSW	WSW	WSW	W	WSW	36.4	65.4	67.4	70	239.2	6	------------	Fr.-N. WSW	7	Ci.-S.	Cu.-N.
25	Calm	WSW	WSW	WSW	WSW	W	51.2	93.9	104.4	52.6	302.1	9	Ci.-S.	N. WSW	8	A.-Cu. W	Cu.
26	W	W	WSW	W	WSW	Calm	36.4	75.4	92.5	36.2	240.5	3	Ci.	Cu. W	5	Ci.-S.	Cu.-N. SW
27	Calm	WSW	WSW	WSW	WSW	W	42.1	98.4	108.8	59.8	309.1	4	A.-Cu.	Fr.-Cu. WSW	8	Ci.-S.	Cu.-N. WSW
28	W	WSW	W	WSW	WSW	Calm	44.9	84.8	101.6	34.1	265.4	4	Ci.-S.	N. WSW	4	Ci.	Fr.-Cu. SW
29	Calm	SW	WSW	WSW	WSW	WSW	38.4	82.1	86.9	43.3	250.7	8	A.-Cu. S	Cu.	10	Ci.-S.	Fr.-N. WSW
30	W	WSW	WSW	WSW	Calm	SW	46.1	91.5	55	30.6	223.2	7	A.-Cu. ENE	S.-Cu.	7	Ci.-S.	Cu.-N. NW
31	SW	Calm	W	W	Calm	Calm	28.5	76.4	58.9	14.2	178	9	Ci.-S. E	Cu.	9	Ci.-S.	Cu.-N. NE
Mean	------	------	------	------	------	------	49.3	77.5	83.7	47.7	258.2	6.4	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,003.1	----	------------	------------	----	------------	------------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.78	55.13	55.73	54.28	53.76	54.20	23.9	23.6	30.4	28.1	25.8	24.8	31.5	23.2	93	95	69	79	90	90	1
2	52.98	52.59	52.63	50.27	50.88	52.09	25	25	25.4	26.1	25.7	25.9	26.2	24.4	90	91	93	91	89	92	22.4
3	51.08	50.20	51.33	50.48	51	52.49	25.2	26	26.4	27.6	25.9	26	28.2	24.6	89	84	82	76	85	79	21.3
4	52.53	53.81	54.29	53.07	54.26	56.82	24.9	25	27.1	27.9	25.3	25.1	28.3	24.1	87	90	78	79	93	90	21.9
5	56.64	57.38	57.51	56.29	57.10	58.90	25.2	24.5	27.9	30.5	27.3	25.5	31.1	24.2	90	90	78	63	78	88	------
6	58.21	58.35	59.10	56.97	57.60	59.34	24.8	24.6	30.7	32.4	28.7	26	33	24	92	93	66	58	72	87	------
7	57.72	58.04	58.56	57.16	57.48	58.77	25.3	25.2	31.3	32.4	28.1	26.1	33.1	24.4	89	89	66	60	77	85	------
8	57.74	57.64	57.61	56.23	56.93	57.07	25.5	25.9	31.4	32	28.2	26.7	33	24.9	89	90	68	61	78	86	------
9	56.47	56.59	56.99	55.10	55.71	56.29	25.8	25.9	30.2	30.1	27.6	23.4	31.6	22.3	88	88	66	71	85	91	14.3
10	55.18	54.72	55.67	54.16	54.60	55.95	25.3	26.2	27.8	28	27.2	26.3	28.4	23.8	87	86	83	81	81	86	2.3
11	55.23	55.34	56.44	55.50	56.29	58.03	26.2	26.3	29.4	28.7	27.4	26.5	29.8	25	87	88	74	80	87	88	------
12	57.86	58.07	58.92	57.31	58.35	60.47	25.2	24.9	31.6	33.4	29.2	25.5	33.6	24	92	89	66	57	75	88	------
13	58.81	59.23	59.89	57.63	58.21	60.14	23.8	23.3	30.9	33	28	25.4	34	22.9	91	92	67	60	84	91	------
14	59.21	58.87	59.19	58.10	58.09	58.13	25.2	24.9	31.8	26.4	25.4	24.9	33	23.8	92	93	69	89	89	87	19.6
15	57.53	57.52	57.59	56.23	56.62	57.63	25	25.3	29.9	29.1	27.7	26.3	31.5	24.1	88	90	74	76	82	89	.8
16	57.28	57.23	57.86	56.49	57.20	58.80	26.2	26.4	30.2	31.8	27.8	26.4	32	25	87	85	70	65	82	89	------
17	58.46	58.86	59.09	57.53	58.33	59.70	24.8	25.4	31.9	33.4	28.7	26.4	33.7	24.4	95	93	62	56	77	89	------
18	58.68	59.31	59.95	57.67	58.18	59.68	25	24.4	30.4	32.8	29.4	26.6	33.3	23.8	92	95	70	61	78	90	1
19	59.49	59.81	60.31	58.09	58.91	59.79	24.2	23.4	28.8	31.4	28.1	26	32	22.6	97	96	79	66	80	90	1
20	58.75	58.86	59.28	57.13	57.76	58.91	24.8	24.4	29.9	31.5	29	26.4	33.5	24.1	94	95	69	65	74	88	------
21	57.41	57.62	58.06	56.14	57.21	58.52	24.5	22.4	31.3	33.4	29.6	25.2	33.7	21.9	89	94	63	59	67	91	------
22	58.13	58.22	58.94	57.55	58.24	59.92	24.5	23.9	31.4	28.6	27.3	25.1	34.1	23.5	93	93	64	71	78	91	------
23	59.03	59.58	60.15	58.48	59.22	60.25	23.9	23	31.4	33	28.9	27.4	34.3	22.6	95	96	65	55	75	82	------
24	59.11	59.32	60.15	57.98	58.70	59.54	24.7	22.6	31.3	33.9	29.2	28	34	22.4	88	95	64	57	76	79	------
25	58.42	58.75	59.69	58.23	57.93	59.70	26.7	26.5	30.1	29	28.2	26.4	32.2	24.6	86	87	72	77	81	89	5.4
26	58.73	58.79	59.83	57.87	58.46	60.74	25.3	25.4	31.4	33	29.3	27.9	33.8	24.1	91	91	68	61	75	83	------
27	59.04	59.57	60.67	58.89	58.94	60.60	27	26.5	31.9	33.4	28.5	25.9	33.8	25.1	88	91	63	60	76	85	------
28	59.45	59	59.78	57.67	58.21	59.81	25.7	25.5	31.4	33.6	28.7	25.4	34.5	24.5	86	87	63	57	75	93	8.1
29	58.56	58.63	59.55	57.57	57.75	59.20	25	26.1	30.4	32.4	26.6	25.6	33	24.6	93	90	73	63	90	91	.3
30	57.98	57.93	58.95	56.96	57.53	58.69	24.3	23.4	31.4	34	27.9	27.7	34.2	22.9	95	96	70	58	84	79	------
Mean	57.38	57.50	58.12	56.43	56.98	58.34	25.1	24.9	30.2	31	27.8	26	32.3	23.9	90.4	91.1	70.5	67.1	80.4	87.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	119.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	Calm	E	W	Calm	W	24.1	39.6	67.6	42.6	173.9	4	Ci. E	Cu.	10	Ci.-S.	Cu.-N. NW
2	W	W	WSW	W	WSW	WSW	89	85.3	93.3	103.5	371.1	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. W
3	W	SW	SSW	SSW	SW	SSW	132	172.5	156.9	147.9	609.3	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
4	SW	SSW	S	SW	SW	SW	96.6	121.2	116.5	98.5	432.8	10	Ci.-S.	N. SW	9	Ci.-S.	Fr.-N. SSW
5	SW	SW	SW	SSW	SW	Calm	88.7	119.6	120.2	28	356.5	9	Ci.-S.	N. SW	4	A.-Cu.	Fr.-Cu. SW
6	Calm	Calm	SW	SW	SW	WSW	21.9	63	84.5	32.4	201.8	3	A.-Cu. NE	Cu.	1	------	Fr.-Cu. WSW
7	SW	WSW	SW	WSW	W	WSW	47.7	83.7	65.7	43.1	240.2	1	Ci.	Cu.	8	Ci.-S.	Cu. W
8	Calm	WSW	SW	W	SW	SW	45.3	88.7	103.5	60.6	298.1	9	A.-Cu. NNE	Cu.	6	Ci.	Cu. WSW
9	SW	SW	SW	SW	SW	SW	------	------	------	------	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. WSW
10	SW	WSW	WSW	WSW	WSW	WSW	------	85.3	78.9	59.7	------	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. WSW
11	SW	WSW	SW	SW	SW	Calm	62.8	90.9	50.2	35.1	239	7	Ci.-S.	Cu. WSW	10	Ci.-S.	Fr.-N. SW
12	Calm	Calm	WSW	SW	Calm	Calm	27.4	58.2	62.5	11	159.1	7	Ci.-S.	Cu.	3	Ci.	Cu. WSW
13	Calm	Calm	E	ESE	Calm	Calm	8.5	33.8	34.4	9.2	85.9	0	------	------	1	------	Cu.
14	Calm	Calm	W	WSW	SW	WSW	10.2	26.4	50.2	39.9	126.7	7	------	Fr.-N. WSW	8	Ci.-S.	N. NNE
15	SW	SW	SW	WSW	SW	SW	68.9	97.1	105.2	51.5	322.7	9	Ci.-S.	Cu. W	9	Ci.-S.	Fr.-N. W
16	SW	SSW	SW	SW	SW	Calm	68.6	90.7	89.5	14.5	263.3	9	Ci.-S.	Fr.-Cu. SW	9	Ci.-S.	Cu. SW
17	Calm	Calm	SW	SW	SW	Calm	16.4	46.4	63.6	12.4	138.8	5	Ci.	Cu.	3	Ci. E	Cu.-N. SW
18	Calm	Calm	Calm	N	Calm	Calm	9.1	16.6	31.9	------	------	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
19	Calm	Calm	Calm	NE	NE	NE	------	------	46.7	37.8	------	8	A.-Cu. SW	Cu.	7	Ci.-S. ESE	Cu.
20	Calm	Calm	NNE	NNE	NE	Calm	17.1	50.5	47.7	26.8	142.1	10	Ci.-S.	N. NE	4	Ci. E	Cu.
21	Calm	Calm	NE	E	E	Calm	8.3	39.9	45.7	15.6	109.5	1	Ci.	Cu.	1	Ci.	Cu.
22	Calm	Calm	Calm	SW	Calm	Calm	19.9	26.2	40	7.4	93.5	0	------	------	3	------	N.
23	Calm	Calm	NE	NNW	NE	NE	4	22	47.2	28.2	101.4	2	Ci.	Cu.	2	------	Cu. NNE
24	Calm	Calm	NNE	ENE	NNE	Calm	6.6	25.4	52.1	30.3	114.4	3	Ci.	Cu. NE	2	Ci.	Cu. NE
25	Calm	Calm	NE	ENE	Calm	Calm	24.1	28.4	42.8	6.1	101.4	3	Ci.	Cu. E	6	Ci.	Cu.-N. E
26	Calm	Calm	NNE	ENE	E	NE	1.9	34.8	51.2	38.6	126.5	2	Ci.-Cu.	Cu. ENE	1	------	Cu. ENE
27	Calm	Calm	E	ENE	E	Calm	14.7	40	63	23.6	141.3	2	------	Fr.-Cu. ENE	3	------	Cu. E
28	NE	Calm	NE	NE	NE	Calm	36.8	57.3	63.4	20.3	177.8	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
29	Calm	NE	NNE	NE	Calm	Calm	27.6	31.2	44.1	9.1	112	10	Ci.-S.	N. NE	5	Ci.-S.	Cu. NE
30	Calm	Calm	E	Calm	Calm	E	6.4	25.4	27.1	6.1	65	1	Ci.	Cu. E	1	------	Cu.
Mean	------	------	------	------	------	------	36.5	60.7	67.1	37.1	204	5.8	------	------	5.6	------	------

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[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum. (a)	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.05	58.33	59.35	57.28	57.71	58.81	24.3	22.8	30.9	32.3	28.3	25.5	33.8	22.4	94	94	66	60	77	92	4.1
2	58.18	58.22	58.41	56.69	56.85	58.41	24.2	23.1	31.7	30.1	27.4	25.6	33.5	22.6	91	96	68	71	88	92	------
3	58.17	58.19	59.09	56.81	57.39	59.22	24.8?	23.3	32.2	32.7	26.7	25.1	34	22.6	87	95	63	62	86	93	13.5
4	58.28	58.93	59.94	57.65	58.21	59.67	24.7	23.7	30.8	30.4	26.7	25	31.9	23.3	94	97	71	72	84	97	3
5	58.14	58.44	59.31	57.08	57.71	59.14	23.5	22.6	30	31	26.6	24.7	32.4	22	95	95	67	65	86	93	------
6	58.02	57.98	58.74	57.22	57.84	59.27	23.1	22.5	31.4	26.3	26.9	24.5	32.4	22.1	97	96	68	87	86	92	------
7	58.53	58.60	59.50	57.94	58.76	59.57	22.9	22.4	31.4	29.4	26.3	24.4	34.2	22	95	96	69	70	89	94	------
8	57.88	58.61	59.57	57.07	57.68	58.35	23.2	22.4	31.3	32.7	27.3	24.8	34.2	22	95	96	66	60	80	92	------
9	57.12	57.22	57.38	55.14	55.50	56.95	23.5	23	30.4	29	27.1	25.1	30.9	22.4	94	96	68	78	84	94	13.7
10	55.58	55.38	56.19	54.30	54.36	54.84	24.5	23.9	29.9	26.7	25.5	24.6	30.8	23.4	96	93	73	90	91	89	14.6
11	53.33	53.10	53.07	49.26	49.16	50.46	25.1	25	26.2	24.9	24.4	24.4	26.5	23.7	88	89	88	91	92	92	227.1
12	49.97	51.01	52.20	51.45	52.72	53.50	23.8	23.5	23.5	25	23.9	25.1	25.9	23	93	93	95	87	89	94	118.6
13	52.29	52.64	53.73	52.30	52.70	54.38	25.3	24.9	26.9	26.4	25.4	24.6	28.2	24	93	89	85	84	91	92	32.1
14	53.26	53.45	54.12	52.14	52.94	54.22	24.4	25.1	28.3	29.2	25.9	25.6	31.1	24	92	90	78	73	92	89	14.8
15	53.23	53.28	55.53	54.50	55.30	57.15	25.5	25	27.2	27.6	26.9	26.5	31.1	24.3	89	92	84	84	83	87	1.8
16	56.74	57.77	59.06	57.31	57.57	58.95	26.2	25.5	28.4	29.5	27.2	25.4	31	24.6	86	90	80	74	85	91	------
17	58.24	58.33	59.15	57.37	57.87	59.77	24.7	24.1	30.7	29.7	26	25	32.5	23.6	95	94	67	70	86	89	------
18	59.65	59.86	60.58	58.78	59.40	60.10	24.4	24	29.7	28.1	27.4	26.6	31.7	23.5	92	94	72	76	78	81	------
19	59.30	60.11	60.95	59.33	59.51	60.52	23.9	23	28.7	29	26.5	25.5	30.5	22.5	94	94	71	74	82	88	8.6
20	59.51	60.15	60.76	58.73	59.65	61.10	25.4	25.8	29.7	30.9	27.2	26.4	32	24	88	86	69	67	78	76	------
21	59.76	59.96	60.73	58.39	58.50	59.87	26.2	22.6	29.7	30.6	27.5	26.1	32.8	22	76	93	69	65	76	84	------
22	58.82	59.30	59.59	56.73	57.24	58.78	23.2	22	30.4	30.1	27.7	25.6	33.7	21.6	95	96	68	67	78	89	------
23	58.07	58.27	58.61	57.41	57.70	59.66	25	24.7	30.7	28.7	25.8	26.3	31.5	24	91	91	62	73	88	80	------
24	58.63	59.02	59.96	58.95	60.16	61.42	26.2	25.9	29.4	28.5	26.5	25.6	31	23.6	85	88	77	79	82	83	------
25	60.78	60.42	61.86	59.64	60.14	61.18	22.5	25.4	28.7	29.6	26.5	22.1	30.2	20.1	96	77	64	61	74	90	------
26	60.43	60.37	60.36	58.08	58.89	60.10	19.7	19.4	29.3	30.4	26.1	25.5	32.3	18.4	97	93	70	72	80	80	------
27	59.26	59.74	60.49	58.39	59.50	60.81	21.1	19.5	29.7	30.4	26.9	26.6	33	18.7	91	95	66	66	75	74	------
28	59.86	60.27	61.15	59.53	60.01	61.82	26	25.8	30.4	27.2	24.9	23.9	31.8	23.2	77	84	68	79	90	91	7.1
29	60.89	60.82	61.01	59.13	59.83	61.10	24.2	25.9	28.2	29.4	27.1	26.6	30.8	22.9	90	81	75	70	80	82	.8
30	60.44	60.55	61:16	58.75	59	60.06	25.4	25.6	28.4	29.7	27.6	26.6	32.4	24	88	87	75	74	79	84	24.1
31	59.69	60.12	60.79	59.18	60.25	60.59	25.2	25.1	25.9	26.5	25.3	25.2	30.2	23.5	93	93	88	86	93	88	11.5
Mean	57.75	58.02	58.79	56.86	57.42	58.70	24.3	23.8	29.4	29.1	26.5	25.3	31.6	22.7	91.2	91.7	72.6	73.8	83.9	88.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	495.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	Calm	Calm	Calm	Calm	Calm	Calm	2.4	18	17.1	3.2	40.7	0	------	------	2	------	Cu.-N.NNE
2	Calm	Calm	NE	Calm	Calm	Calm	2.6	16.9	21.5	7.2	48.2	2	Ci.	Cu.	5	Ci.-S.	Cu.-N.NE
3	Calm	Calm	Calm	NE	Calm	Calm	2.2	10.7	23	11	46.9	2	Ci.	Cu.	3	Ci.-S.	Cu.-N.NE
4	Calm	Calm	Calm	Calm	Calm	Calm	1.3	9.9	28.4	6.2	45.8	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.NE
5	Calm	Calm	Calm	Calm	Calm	Calm	1.1	4.5	25.4	2.9	33.9	4	Ci.-S.	Cu.	6	Ci.	Cu.-N.NE
6	Calm	Calm	Calm	WNW	Calm	Calm	1	16.4	16.6	1	35	0	------	------	7	Ci.-S.	Cu.-N.NE
7	Calm	Calm	Calm	NE	Calm	Calm	7.2	15.6	32.2	.8	55.8	0	------	------	10	Ci.-S.	N. NNE
8	Calm	Calm	NE	NNE	N	Calm	1.4	27.6	60.2	7	96.2	1	Ci.	Cu.	1	------	Cu. NE
9	Calm	Calm	Calm	Calm	Calm	Calm	5.3	29	7.7	8.2	50.2	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.NNE
10	Calm	Calm	Calm	Calm	WSW	WSW	11.3	11.5	28.5	73.5	124.8	3	Ci.	Cu.	10	Ci.-S.	N. N
11	SW	Calm	WSW	SSW	SW	SW	57.6	119.3	196.3	131.4	504.6	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
12	SW	SW	SW	SW	SW	SW	156.4	129.3	95.2	77	457.9	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.WSW
13	SW	SSW	SW	SW	SSW	SSW	128.2	130.7	117.5	96.3	472.7	10	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	Fr.-N. SW
14	SW	SW	SSW	SW	SW	SW	121.2	110.8	108.1	69.7	409.8	9	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	Fr.-N. SW
15	SW	SW	SSW	SW	SW	SW	93.9	99	120.5	49.7	363.1	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Fr.-N. W
16	Calm	Calm	WSW	W	Calm	Calm	24.9	38.6	67.9	.6	132	8	Ci.-S.	Cu. WNW	8	Ci.-S.	Cu.-N. W
17	Calm	Calm	WSW	WSW	WSW	Calm	.6	36	58.5	14.3	109.4	3	Ci.	Cu.	4	Ci.-S.	Cu.-N.WSW
18	Calm	Calm	NNE	NE	NNE	Calm	14.3	36.5	56.6	14.3	121.7	3	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N.NE
19	Calm	Calm	NE	E	Calm	Calm	.8	25.1	36.4	6.7	69	5	A.-Cu. ESE	Cu.	9	Ci.-S.	Cu.-N.NE
20	Calm	Calm	NNE	NNE	Calm	Calm	18	40.5	52.6	7.8	118.9	9	Ci.-S.	N. NE	2	Ci.-S. ESE	Cu. NNE
21	Calm	Calm	NNE	NE	NE	Calm	1.8	19.6	48.9	10	80.3	4	Ci.	Cu.	8	Ci.-S. SE	Cu. NE
22	Calm	Calm	Calm	Calm	Calm	Calm	.8	9.4	7.5	.5	18.2	5	Ci. SE	Cu.	10	Ci.-S.	Cu.-N. W
23	Calm	Calm	Calm	N	Calm	Calm	.5	21.2	51	10.7	83.4	7	Ci.-S.	Cu. NNE	8	Ci.-S.	Cu.-N.WNW
24	Calm	Calm	NE	NE	Calm	Calm	17.2	57.4	51.5	4	130.1	2	Ci.	Cu.	9	Ci.-S.	Cu. W
25	Calm	Calm	NE	NNE	NE	Calm	.8	38.6	105.7	28	173.1	5	Ci.-S.	Cu.	4	Ci.-S.	Cu. ENE
26	Calm	Calm	NE	NE	NE	NNE	15.5	48.1	96.9	39.6	200.1	0	------	------	1	A.-Cu.	Cu.
27	Calm	Calm	NNE	NNE	NE	NE	17.7	28.4	79.2	74.5	199.8	0	------	------	2	A.-Cu. NNE	Cu.
28	NE	NNE	NNE	NNE	NNE	NNE	55.8	68.6	93.6	79.9	297.9	1	A.-Cu.	Cu.	10	Ci.-S.	Fr.-N. NE
29	N	NNE	NNE	NNE	NNE	NNE	91.1	80.7	86.9	87.5	346.2	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. ENE
30	NE	Calm	NNE	Calm	NNE	NE	------	------	------	45.4	------	8	Ci.-S.	N.	2	Ci. S	Cu.
31	NE	ENE	NNE	NE	NE	NE	27.4	63.1	51.5	62.5	204.5	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	N. E
Mean	------	------	------	------	------	------	29.3	45.4	61.4	33.3	169	4.7	------	------	7	------	------

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[a] The maximum temperatures for October 2 to 7 are taken from a self-registering apparatus.

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.03	60.20	61.29	59.08	59.70	60.91	24.9	23.8	25.7	28.4	26.5	26.7	29	23.3	89	97	89	77	84	86	------
2	60.72	60.11	60.40	58.89	59.31	60.80	26.3	26.6	30	30.1	27	26.4	31.2	25.1	86	86	74	74	85	87	0.3
3	60.45	60.57	60.75	59.12	59.31	60.21	26.1	26	30.7	30.1	26.5	25.6	34.4	24.9	87	87	74	71	91	92	16.6
4	59.77	60.42	61.29	59.49	60.09	60.71	25.6	25.4	26.6	27.5	26.4	26.1	28.5	24.6	91	88	90	83	89	89	5.6
5	59.76	60.62	61.84	59.17	60.01	60.89	25.7	25.3	25.3	25.4	25.3	26.4	26.5	24.4	91	93	93	93	91	84	24.4
6	59.81	60.35	61	59.12	59.51	60.64	26.3	26.5	29.7	28.9	26.9	27.4	32.3	25.4	84	84	76	84	87	87	2.5
7	59.86	61.11	61.40	59.35	59.45	61.09	26.5	26.6	28.4	31.4	27.6	27.5	32	25.7	91	90	83	72	87	85	5.8
8	59.82	60.55	61.36	59.36	60.20	61.60	26.9	27.1	28.3	25.7	27.5	26.9	29.6	24	89	87	85	94	85	85	25.1
9	59.80	60.31	61.52	59.20	59.51	60.70	26.3	26.4	29.9	29	26.9	26.3	32.4	25.6	87	86	72	76	86	89	.3
10	59.55	60.31	61.28	58.77	58.51	60.84	26.2	26.4	29.4	30	27.6	26.5	30.8	24.7	87	86	74	71	76	80	1
11	59.49	59.91	61.04	58.97	59.73	61.36	24.1	25	25.9	30.2	27.2	26.1	30.5	22.7	93	93	90	66	82	88	5.9
12	60.17	60.60	61.49	59.69	60.34	61.25	25.6	25.4	29.7	31.6	26.8	26.4	32.5	24.8	87	84	69	66	94	94	------
13	60.44	60.70	62.08	59.50	59.40	60.94	25.6	25.8	26.3	29	26.4	25.9	29.3	23.6	79	79	79	64	69	66	.3
14	60.48	60.55	61.19	59.03	59.76	60.55	23.4	23.5	28.4	28.8	25.4	25.5	30.2	21.6	80	75	60	60	79	80	4.3
15	59.71	60.71	61.21	59.65	60.35	61.47	23.5	23.6	26.4	29.2	25.8	25.7	29.6	22.9	96	98	80	64	79	91	.3
16	60.68	61.03	61.38	59.88	60.52	61	25.6	25.5	29.3	29.1	26	25.5	30	24.8	77	76	64	67	76	78	------
17	59.83	60.76	61.21	59.45	59.91	61.21	24.8	24.4	28.9	30	26.4	25.9	30.8	20.6	78	73	67	64	83	84	------
18	61.02	61.82	61.96	60.49	60.70	61.65	22.2	22.8	28.9	29.9	26.4	25.6	31.2	21.5	96	95	74	69	85	89	2
19	60.65	61.37	61.96	60.70	61.17	62.11	25.8	25.4	29.4	28	26.3	25.9	30.3	24.7	89	96	78	85	94	93	15.9
20	61.50	61.74	62.96	60.87	60.94	61.92	26	25.8	28.9	30.2	27.4	26.2	31.1	23.6	91	88	74	68	82	85	4.6
21	60.95	61.16	61.88	59.87	60.14	61.02	25.5	23.9	27.9	30	25.8	25.4	31.3	23.4	88	92	79	73	93	93	13
22	60.14	60.26	61.10	59.63	60.19	61.67	24.9	25.4	27.9	29.9	25.3	25	31.2	24.1	94	92	79	68	93	90	19.9
23	60.92	61.17	62.41	61.23	61.85	63.07	24.5	24.4	24.9	24.6	24.5	24.2	26.3	23.4	89	89	92	94	88	84	66
24	61.85	61.87	62.80	61.14	61.15	62.45	24.3	24.5	26.8	27.2	26.2	26	28.1	23.5	91	95	78	73	75	76	------
25	61.62	61.42	62.52	60.58	60.30	61.06	24.8	25	27.2	25.7	24.6	24.7	28	23.3	83	83	77	84	83	86	2.5
26	59.96	59.52	59.98	57.75	57.51	57.41	25.2	24.5	28.3	27.9	26.3	24.4	30.3	23.5	83	79	66	68	79	91	16.3
27	55.98	56.29	58.57	57.22	57.76	59.10	24.3	24.4	25.4	27	24.9	24.6	27.8	23.7	97	97	93	90	97	95	37.5
28	58.37	59.30	60.24	58.26	58.66	59.75	24.9	24.4	27.3	28.9	27.1	25.6	31.6	23.9	94	96	85	76	85	90	2.8
29	59.06	59.34	59.98	58.15	58.79	59.95	24.2	22.4	29.9	30.1	27.3	25.5	31.1	22.1	93	98	73	73	85	92	10.4
30	59.55	59.96	61.15	59.12	59.82	60.29	25.4	24.4	24.5	26.8	26	25.6	27.4	23.6	91	92	94	89	88	86	35.8
Mean	60.06	60.47	61.31	59.42	59.82	60.92	25.2	25	27.9	28.7	26.3	25.8	30.2	23.8	88.4	88.5	78.7	75.2	85	86.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	319.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NNE	NNE	NNE	NE	11.5	52.5	72.2	64.9	201.1	10	Ci.-S.	N. E	8	Ci.-S.	Fr.-N. E
2	NE	NE	NE	NE	NE	Calm	65.2	72.1	55.2	42.9	235.4	9	Ci.-S.	Fr.-N. ENE	6	A.-Cu. NW	Cu. NE
3	NE	Calm	NNE	ENE	NE	NE	35.6	49.9	59	52.1	196.6	3	------	Cu. ENE	3	------	Cu. ENE
4	NE	Calm	Calm	NE	NNE	NE	21.5	26	53.3	73	173.8	9	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
5	NE	NE	ENE	NE	NE	NE	56.9	43.1	57.6	47.5	205.1	10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
6	NE	NNE	NNE	NE	NNE	NE	51.5	78.3	68.4	76.1	274.3	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
7	NE	NE	NNE	NNE	NNE	NE	54.5	59.5	68.4	101.9	284.3	8	Ci.-S.	Fr.-N. E	4	Ci.-S.	Cu.-N. ENE
8	NE	NE	NNE	ENE	ENE	NNE	96.6	96.6	103.6	74.8	371.6	8	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. ENE
9	NE	NE	NE	ENE	N	NNE	70	84.3	60.6	67.9	282.8	8	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. E
10	NE	NNE	NNE	NNE	NE	NNE	68.2	77.7	85.1	64.1	295.1	1	Ci.	Cu.	5	------	Fr.-Cu. ENE
11	Calm	Calm	E	NNE	NNE	NNE	14.5	57.9	80.2	42.1	194.7	9	Ci.-S.	Fr.-N. ENE	5	Ci. SSW	Cu. NE
12	NE	NNE	NNE	NE	NE	NE	71.3	65.2	56.1	72.4	265	2	Ci.	Cu.	3	Ci.	Cu. ENE
13	NE	NE	NNE	NNE	NNE	NE	58.5	71.9	97.9	96.8	325.1	7	Ci.-S.	Cu. NE	5	Ci.	Cu. NNE
14	NNE	NE	NNE	N	N	N	------	92.8	108.9	49.7	------	3	Ci.	Cu. NNE	6	Ci. E	Cu. N
15	NE	NNE	N	N	NE	NNE	65.4	83.4	96.4	71	316.2	10	Ci.-S.	Fr.-N. NNE	2	Ci.	Cu. NNE
16	NE	NNE	NE	NNE	N	NE	81.9	104.3	100	77.4	363.6	3	Ci.	Cu.	7	Ci.-S. S	Cu.
17	N	Calm	NNE	NNE	NNE	NNE	29.5	68.4	90.1	73	261	2	Ci.	Cu.	3	A.-Cu. NW	Cu.
18	Calm	Calm	NNE	NNE	NNE	NNE	12.7	51.7	114.9	80.8	260.1	9	Ci.-S.	N. NE	3	Ci.-Cu.	Cu. NNE
19	NE	NNE	NNE	Calm	Calm	NE	75.4	36.5	32	40.7	184.6	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NE
20	NE	NE	NNE	NNE	N	N	43.5	55.8	65.7	70.2	235.2	8	Ci.-S.	Cu.-N. ENE	3	------	Cu. ENE
21	NE	Calm	NNE	NNE	Calm	N	23.8	44.5	52.3	48.6	169.2	7	Ci.-S.	Cu. NE	5	A.-Cu.	Cu. NE
22	Calm	NNE	NNE	NNE	NNE	NNE	47.2	60.6	80.8	49.9	238.5	10	Ci.-S.	N. NE	2	------	Cu. ENE
23	Calm	Calm	NE	Calm	Calm	NNE	14.2	57.9	36.8	42.9	151.8	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
24	Calm	NNE	NNE	NNE	NNE	NNE	33.5	87.7	107	134.4	362.6	8	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N. NE
25	N	NNE	NNE	NNE	NNE	Calm	58.7	------	------	49.9	------	1	Ci.	Cu. NE	9	Ci.-S.	Fr.-N. NE
26	N	N	NE	NNE	Calm	Calm	48.5	67.9	67	7.2	190.6	0	------	------	9	Ci.-S.	Fr.-N. NE
27	Calm	SSW	Calm	Calm	Calm	Calm	29	4.3	.5	.5	34.3	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. SSE
28	Calm	Calm	Calm	NNE	NE	Calm	.3	10.7	19.1	18.8	48.9	1	------	Cu. ENE	5	A.-Cu. ENE	Cu.
29	Calm	Calm	Calm	Calm	NNE	Calm	1	12.3	32.2	15.6	61.1	0	------	------	6	A.-Cu. E	Cu.
30	Calm	NNE	Calm	Calm	NE	NE	21.1	11.8	34.8	36	103.7	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	43.5	58.1	67.5	58.1	224.5	6.2	------	------	6.3	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.60	60.12	60.69	58.98	59.18	60.46	25.2	24.8	29.2	30.8	26.5	25.5	31.4	24.2	86	85	70	64	82	86	------
2	59.74	60.23	61.16	59.75	59.86	61.07	25.3	25.3	28.7	31	25.8	25.1	31.5	23.6	85	85	70	65	84	87	------
3	60.20	61.10	62.01	60.68	61.28	62.60	25.2	25	30.3	31.6	27.3	25.6	32	24.1	87	88	64	60	76	86	------
4	61.49	62.11	62.91	61.33	61.75	62.82	25.4	25.4	29	31.2	27.3	26.3	31.6	24.6	87	87	67	60	76	80	4.8
5	62.07	62.31	63.06	61.54	61.77	62.91	24.6	24.9	28.7	28.4	26.4	25.5	29.8	23.2	87	89	71	77	84	83	5.4
6	62.13	62.03	62.74	60.99	60.95	62.16	25.3	25.4	28.8	29.6	26.8	26.6	31.1	24.7	81	80	75	71	81	81	.3
7	61.32	61.50	62.43	60.44	60.84	61.70	26.1	25.8	28.4	29.6	27.1	26.7	30.5	24.4	80	77	70	67	79	78	4.3
8	60.75	60.75	61.39	59.49	60.05	61.51	25.3	25	28.8	29.2	25.7	26.6	31.2	23.4	88	89	73	72	84	80	1
9	60.30	60.54	61.63	59.95	60.09	61.22	26.2	25.9	28.9	26.2	25.2	26.1	30.1	23.4	82	80	71	85	91	82	10.4
10	60.98	61.17	62.03	60.67	60.24	62.15	25.4	24.4	28	24.7	25.6	23.5	29.4	23	85	91	71	89	85	89	15.4
11	60.55	60.63	61.39	59.27	58.84	60.65	24.8	24.6	29.3	30.5	27.3	26.3	31.3	23.6	89	89	72	71	81	86	3.3
12	60.06	60.11	61.32	58.49	59.22	60.12	25.2	25	26.6	30.3	25.7	25.8	31.1	23.4	90	90	87	72	88	90	28.8
13	59.46	59.72	60.79	59.19	59.81	60.52	25.7	26.3	28.8	28.4	25.2	26.1	29.8	24.5	90	88	78	77	87	86	13.4
14	59.42	59.55	60.32	59.04	59.80	60	25.6	24.9	25.3	25.3	24.3	24.8	27.2	23.5	88	93	93	91	89	90	17.8
15	59.20	59.25	59.90	58.13	59.05	59.99	25.7	25.3	27.3	27.9	26.3	25.6	30.6	24.8	90	92	89	82	89	92	12.9
16	59.74	60.66	61.34	59.10	59.46	60.66	25.1	25	27.2	30.4	27	25.9	31.1	24.4	92	92	84	70	86	85	2
17	59.80	60.03	60.66	59.04	59.70	61.06	25.3	24.3	23.7	25.7	25.2	24	26.5	22.9	83	88	91	87	89	93	38.7
18	60	60.56	61.03	59.38	61.04	61.69	24.7	24.9	28.4	29.6	25.1	25	30.6	23.8	90	92	77	75	90	90	4.1
19	61.20	61.55	61.96	60.39	61.24	62.60	24	24.4	27.1	29.9	24.7	25	30.2	23.3	95	94	76	69	92	91	58.1
20	62.02	61.96	62.49	60.73	61.42	62.27	25	25.3	26.4	28.1	25.6	25.7	28.5	23.4	90	89	88	77	81	83	11.9
21	61.41	61.53	62.05	59.74	60.27	60.92	25.2	25.4	27.5	27.9	25.2	25.7	29.3	24.1	85	86	77	82	89	89	4.8
22	59.86	59.85	60.74	58.44	58.72	60.35	24.7	24.4	28	27.6	24.9	24.4	28.4	23.5	95	94	81	84	92	95	16.9
23	59.56	59.50	60.66	58.60	59.40	60.26	24.3	24.4	27.7	27.7	26.2	25.9	28.7	23.7	95	95	73	71	81	79	7.9
24	59.65	59.45	60.10	57.58	57.70	58.69	24.9	24	27.1	28.3	25.9	26	29.2	23.3	85	91	83	75	82	81	4.4
25	57.82	57.85	58.58	56.43	57.30	58.29	26	25.5	27.3	29.1	26.2	25.4	30.2	23.9	83	86	85	78	90	92	------
26	57.57	58.03	59.14	57.18	57.31	58.91	24.8	24.6	28.4	29	26.1	25.1	30.5	24	93	94	79	78	90	91	1.3
27	58.62	58.94	60.07	58.35	58.67	60.05	24.9	24.2	25.9	27.4	25.4	25.3	29.4	23.5	90	94	86	74	82	82	------
28	59.87	60.46	61.30	59.95	60.11	61.58	25	24.9	27.5	25.7	26	25.4	28.8	22.5	79	79	68	81	72	70	------
29	61.16	61.91	62.15	60.87	61.22	62.59	25	25.1	26.9	24.4	25.4	24.9	27.6	23.4	76	78	80	91	98	95	24.4
30	61.61	62.22	63.04	62.31	62.46	64.58	24.8	24.6	25.4	23.7	23.4	23.2	25.8	22.5	96	97	95	95	92	92	61.4
31	63.71	63.90	64.43	62.64	63.77	64.90	23.2	24.3	26.2	26.4	24.2	24.4	28	22.7	92	84	84	84	86	88	5.6
Mean	60.35	60.63	61.40	59.63	60.08	61.27	25.1	24.9	27.6	28.2	25.8	25.4	29.7	23.7	87.5	83.3	73.3	76.6	85.4	86.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	359.3

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NNE	NNE	NNE	Calm	19	37.8	48	7.7	112.5	1	------	Cu. NE	2	------	Cu.
2	Calm	NNE	NNE	Calm	Calm	Calm	2.7	50.5	6.2	1	60.4	1	------	Fr.-Cu. NE	1	------	Cu.
3	Calm	Calm	Calm	Calm	NNE	Calm	1.4	19.9	18.7	5.6	45.6	1	------	Cu. ENE	4	------	Cu.
4	Calm	Calm	NNE	NNE	NNE	NNE	8.9	84.5	82.9	85.5	261.8	1	------	Cu.	4	A.-Cu.	Cu. NNE
5	NE	NE	NNE	NE	NE	NNE	68.7	91.9	86.9	81.8	329.3	8	------	N. ENE	3	------	Cu.-N. ENE
6	NE	NE	NNE	NE	NE	NNE	86.3	95	101.2	94.4	376.9	1	------	Cu. ENE	2	------	Cu. ENE
7	NE	NNE	NE	ENE	NE	NE	83.5	103.6	103.5	114.5	405.1	2	------	Cu. NE	2	------	Cu. ENE
8	NE	NE	NNE	ENE	NNE	NE	89.8	109.6	102.7	94.4	396.5	9	Ci.-S.	Fr.-N. ENE	8	------	Cu.-N. ENE
9	NE	NE	NNE	NNE	NNE	NE	85	120.1	118.9	114.5	438.5	7	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
10	NE	NE	NNE	NNE	NNE	ENE	93.8	87.4	71.9	80.8	333.9	8	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	N. NE
11	N	NE	E	E	N	NE	51.5	63.9	78.9	62.3	256.6	2	A.-Cu.	Cu. E	3	------	Cu. E
12	NE	N	NNE	NE	NNE	NE	38.6	49.6	57.9	56.5	202.6	0	------	------	2	Ci.	Cu.
13	NE	NE	NNE	NE	NNE	NNE	52.5	69.8	97.2	86.4	305.9	7	------	Cu.-N. ENE	3	------	Cu. E
14	NE	NE	NE	NE	NE	NE	78.3	76.7	92.2	80.5	327.7	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. ENE
15	NE	NNE	NE	NNE	NNE	Calm	66.3	67.6	70	45.3	249.2	2	------	Cu. ENE	8	------	Fr.-N. ENE
16	Calm	ENE	NNE	NE	NE	NNE	27.7	49.7	60.6	50.7	188.7	1	------	Cu. ENE	4	Ci.	Cu. ENE
17	NE	NNE	WNW	ENE	NNE	NE	65.5	49.9	64.6	46.1	226.1	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
18	NE	Calm	NNE	NNE	NNE	NNE	44.3	33	81	101.7	260	8	Ci.-S.	Fr.-N. E	6	Ci.	Cu. ENE
19	NE	NE	NE	NE	NE	NE	86.3	84.2	74.2	73.2	317.9	10	Ci.-S.	N. ENE	8	------	Cu. NE
20	NE	NNE	NNE	NNE	NNE	NE	62	101.9	105.9	85.9	355.7	4	Ci.-S.	Cu. ENE	3	------	Cu.-N. ENE
21	NE	NNE	NNE	E	NNE	NNE	69.7	70.2	72.1	51.3	263.3	7	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Fr.-N. ENE
22	Calm	Calm	Calm	NE	NNE	NE	24.1	17.1	58.1	37	136.3	4	A.-Cu. SE	Cu. E	8	Ci.-S.	Cu. E
23	Calm	Calm	Calm	NNE	N	NE	31.7	69.2	86.1	87.1	274.1	10	Ci.-S.	N. ENE	7	Ci.-S.	Cu. NE
24	NE	Calm	NE	N	N	N	56	74.6	100.9	64.2	295.7	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N. NE
25	N	NE	W	W	WNW	Calm	47.5	39.9	57.6	25.7	170.7	10	Ci.-S.	N. NNE	10	Ci.-S.	Cu. NW
26	SW	SW	W	W	Calm	W	46.4	90.9	72.4	46.2	255.9	7	Ci.-S.	Cu. W	8	Ci.-S.	Cu.-N. W
27	Calm	Calm	NE	N	N	NNE	17.5	57.1	97.7	88.8	261.1	10	Ci.-S.	N. W	10	Ci.-S.	Cu.-N. NE
28	NE	NE	NNE	NE	NE	NNE	96	111.5	90.6	132.6	430.7	8	Ci.-S.	Fr.-Cu. NNE	8	Ci.-S.	Cu.-N. NE
29	NE	NNE	N	NNE	NNE	NE	106.8	104.9	103	90.3	405	5	A.-Cu.	Cu.	10	Ci.-S.	N. E
30	NE	NE	E	NE	NNE	NE	70	76.9	88.2	130.4	365.5	10	Ci.-S.	N.	10	------	N.
31	N	NNE	NNE	NNE	NE	NE	111.6	104.6	107.6	109.9	433.7	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	57.7	73	79.3	72	282	5.9	------	------	6.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,742.9	------	------	------	------	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.80	61.14	61.57	59.50	60.15	61.05	25.2	23.7	26	26.4	25.2	25.5	28.3	23.2	88	94	88	86	94	92	14.8
2	60.14	60.11	60.69	58.56	58.90	60.07	24	24.5	27.2	26.3	25.8	25.4	27.7	23	94	92	81	85	85	87	2.4
3	59.65	59.77	60.88	58.90	59.28	61	24.8	24.6	26.8	26.6	25.8	25.8	28	24	91	91	84	83	89	89	8.6
4	60.39	60.35	61.95	60.79	60.30	61.57	24.4	24.8	27.3	26.9	26	25.9	27.5	23.9	97	96	84	85	87	87	-----
5	60.74	60.33	61.65	59.66	59.79	61.07	25.4	25.5	26.9	27.4	26	25.2	28.4	24.5	88	85	81	81	87	89	.3
6	60.23	60.21	60.69	58.55	59.22	60.17	24.8	24.4	27	26	25.5	25.1	28.2	22.5	89	87	83	87	84	88	1
7	59.57	59.65	60.60	58.76	59.42	60.37	25	25.3	26.6	26	25.4	25.4	28	24.5	87	85	82	83	87	85	1.3
8	59.76	59.46	61.02	59.07	59.73	60.84	25	25	28	27.8	26.5	26.3	29.7	24.4	90	90	82	81	86	86	3.3
9	59.93	59.64	60.13	58.61	59.24	59.70	25.2	25	25.5	25.6	25.1	24.8	26.4	24.1	94	92	88	92	94	95	24.9
10	59.09	59	60.25	58.74	58.99	59.74	25.2	25.5	26.1	24.3	25.2	25.2	28.1	23.8	92	92	90	93	92	92	30.3
11	59.11	59.65	61.10	59.72	60.09	60.79	24.9	24.6	27	25.3	24.2	24.4	27.6	23.6	92	95	84	86	94	92	7.9
12	60.16	60.76	61.84	59.56	60.01	61.39	24.1	23.8	24.4	24.7	23.9	24.3	25.4	22.9	91	89	90	92	89	92	3.1
13	60.71	61.30	62.10	59.92	60.58	60.90	23.1	21.8	24.8	27	26	25.4	28	20.9	92	96	89	78	78	90	-----
14	59.91	60.64	62.27	60.09	61.12	62.05	25	22.5	26.4	27.5	26.1	25.5	28.3	22	90	96	83	80	88	88	-----
15	60.99	61.54	62.74	60.43	61.74	62.69	23.5	22.1	26.8	27.2	25.9	23.9	28.4	21.8	95	97	83	78	86	95	7.1
16	61.99	62.03	63.37	60.66	60.93	61.69	23.2	23	26.9	29.8	26.2	24	30.8	22.3	96	96	84	76	86	91	-----
17	61.19	61.37	62.28	60.23	60.33	61.28	22.9	23	26.2	27.9	26.2	24.5	29.8	22.2	97	96	89	79	85	92	16.8
18	61.08	61.45	62.83	59.86	60.54	61.50	24	23.2	25.6	27.4	26	25.4	28	22.9	95	97	85	79	85	86	3.6
19	60.81	61.17	62.43	60.52	61.60	62.17	24.4	22	26	28	26	25.5	29.3	21.4	88	96	79	72	81	82	3.8
20	61.85	61.99	62.70	60.33	60.95	61.84	25	24	25.7	25.4	24.8	24	26.5	23.3	84	91	88	87	88	91	5.1
21	61.13	61.89	62.77	60.77	60.62	61.26	23	22.1	26.9	27	26.2	24	28.9	21.6	96	96	87	77	86	91	-----
22	61.11	62.15	63.37	61.61	62.33	62.49	22.5	21.7	26.5	28.9	26.9	26	29.2	21	95	95	79	71	77	80	-----
23	61.93	62.80	63.83	61.63	62.02	62.37	25.7	25.5	28.3	28.8	25	25.3	29.4	24.1	84	84	75	71	91	88	6.1
24	62.48	62.65	63.55	61.96	62.53	63.51	24.1	23.9	24	23	23.2	23	25.2	21.8	94	92	92	94	95	96	73.8
25	63.03	64.05	65.20	63.21	63.57	64.50	23	22.7	22.5	24	23	24	25	21.4	93	94	96	88	96	87	17.5
26	63.55	64.20	65.37	63.33	64.23	65.19	24.7	24.5	24.8	23.5	23.5	23.5	25.3	22.1	86	87	84	91	88	90	10.7
27	64.20	64.43	65.26	63.17	63.68	65.08	24	23.4	25.7	25.9	25	24.7	26.8	22.6	81	80	68	67	68	65	.5
28	64.16	64.23	65.46	63.67	64.17	64.93	24.3	24	25.2	26	24.9	23.9	26.6	22.4	65	60	63	59	69	84	6.4
29	63.81	63.75	64.90	62.82	63.80	65.05	23.4	24.3	25.2	27	25.5	25.4	27.7	22.2	87	85	83	66	76	76	.5
30	64.35	64.39	65.52	63.89	64.04	65.22	24.9	24.9	26.4	26	24	23.4	27.2	22.6	77	76	71	76	82	91	6.6
31	64.66	64.75	65.98	64.01	64.50	65.59	24	24.2	25.9	25.2	24.4	23.6	26.3	22.4	84	82	76	77	80	86	12.4
Mean	61.37	61.64	62.72	60.73	61.24	62.18	24.3	23.9	26.1	26.4	25.3	24.8	27.7	22.8	89.4	89.8	82.9	80.6	85.6	87.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	268.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	N	NEbyN	Calm	NE	130.2	63.4	71.9	54.9	320.4	10	A.-Cu.	N. NEbyE	9	A.-Cu. E	N. E
2	NW	NW	NE	ENE	NE	NE	101.1	138.1	96.6	99.8	435.6	10	A.-Cu.	N. NE	10	Ci.	S.-Cu. NE
3	NE	NE	NE	NE	N	N	76.2	110.4	142.1	129.2	457.9	10	Ci.-S.	N. NE	8	Ci.-S.	S.-Cu. NE
4	NE	N	NE	NE	NE	NE	114.1	145.8	142.2	177.8	579.9	9	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
5	NE	NE	NE	NE	NE	NE	186.1	211.1	194.2	122.3	713.7	6	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
6	NE	Calm	NE	NW	NE	NE	44	57.7	142.2	118.9	362.8	8	Ci.-S.	S.-Cu. NE	9	Ci.	S.-Cu. NE
7	NE	N	NE	NNW	NNW	N	122.5	157.2	157.2	127.1	564	4	Ci.	S.-Cu. NE	8	A.-Cu. NE	Cu. NE
8	NE	NE	NE	NW	NE	NE	58.9	63	116.1	89.9	327.9	4	Ci.	S.-Cu. NE	7	A.-Cu. N	Cu. ENE
9	NE	N	N	NW	N	Calm	101.2	121.5	94.8	55	372.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. N
10	N	N	NE	E	NW	N	80.2	86.1	82.1	116.5	364.9	9	Ci.	S.-Cu. NE	10	Ci.-S.	N. E
11	NE	Calm	Calm	NW	NE	NE	36.2	29.2	208.2	184.6	458.2	10	Ci.-S.	S.-Cu. NE	10	Ci.	S.-Cu. N
12	NE	E	NE	NE	NE	NE	192	134.9	50.1	70.6	447.6	10	Ci.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
13	SW	SW	NW	NW	N	NE	55.5	47.3	73.5	69.7	246	3	Ci.	Cu. NE	4	Ci.	Cu.-N.
14	N	W	NW	NW	N	NE	49.4	49.9	107.3	71.3	277.9	8	Ci.	S.-Cu. NE	7	A.-Cu. SE	Cu.
15	NW	Calm	NW	N	N	Calm	-----	-----	127.6	77.4	-----	4	Ci.	S.-Cu. N	5	Ci.	Cu. NE
16	SW	SW	NW	NW	N	SW	41.6	38.9	-----	67.1	-----	4	Ci.	S.-Cu. SE	4	Ci.	Cu. SE
17	SW	SW	Calm	Calm	NW	W	67.4	34.4	-----	35.4	-----	10	Ci.	S.-Cu. E	9	A.-Cu. N	S.-Cu. NW
18	Calm	W	NW	NW	NE	NE	34.9	38	75.9	44.1	192.9	10	Ci.-S.	N. N	5	Ci.	Cu. NW
19	Calm	SW	Calm	NE	NE	N	-----	-----	-----	-----	-----	3	Ci.	Cu.	7	A.-Cu. NE	S.-Cu. NE
20	N	N	N	NW	NW	Calm	-----	-----	73.8	36.8	-----	10	Ci.	N. NE	10	Ci.	S.-Cu. SW
21	SW	SW	N	N	Calm	SW	53.4	47.8	35.9	56	193.1	8	A.-Cu. E	S.	8	A.-Cu.	cu., cu.-N.
22	SW	SW	NW	N	NE	NE	68.1	56.6	126.8	156.7	408.2	1	Ci.	Cu.	5	A.-Cu. NE	Cu. NE
23	NE	NE	NE	NE	E	NE	141.9	138.7	178.8	122.8	582.2	7	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
24	NE	Calm	NNE	NNW	N	NE	135.4	158.7	219.5	180.3	693.9	10	Ci.	N. NE	10	-----	N. NE
25	NE	NE	NE	NNE	Calm	N	106.4	86.9	-----	-----	-----	10	-----	N. NE	10	Ci.-S.	N. NNE
26	NE	N	NE	NE	NE	NE	198.8	215.7	322.9	314	1,051.4	9	Ci.	N. NE	10	-----	N. NE
27	NE	NE	NE	NE	NE	NE	272.5	294.8	268.8	206.8	1,042.9	9	Ci.	S.-Cu. NE	6	Ci.	Cu. NE
28	NE	NE	NE	N	NE	NE	227.2	250	241.7	198.2	917.1	3	Ci.	S.-Cu. NE	0	-----	Cu.
29	NE	NE	NE	NE	NE	NE	169.6	191.2	244.1	213	817.9	4	Ci.	S.-Cu. NE	7	Ci.-Cu. S	Cu. NE
30	NE	NE	NE	NE	NE	NE	224.2	268.3	260.9	244.4	1,004.3	8	A.-Cu. S	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
31	NE	NE	NE	NE	NE	NE	210.8	229.3	305.6	234.2	979.9	7	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
Mean	-----	-----	-----	-----	-----	-----	117.8	123.7	154.1	126.7	552.5	7.4	-----	-----	7.7	-----	-----

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.74 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.83	65.05	66.34	64.26	64.64	65.29	23	23	24.4	25.5	25	24.5	26	22.3	91	88	82	68	71	75	1.8
2	64.29	64.20	65.47	63.13	63.05	64.09	24.4	24.2	24.7	25	24.5	24.4	25.8	22.4	73	74	72	79	81	82	3.3
3	63.16	62.56	63.79	61.32	61.34	62.63	24.1	24.3	25	27.4	25.4	24.9	28	23	85	83	82	73	77	79	.8
4	61.78	61.81	62.60	60.23	60.94	61.97	24.1	24	28	28	25.6	25.3	28.9	23.9	82	83	71	66	79	82	------
5	61.40	61.69	62.53	60.71	61.02	62.32	24.5	24.7	26.7	27	26	25.3	28.8	23.8	87	83	75	77	82	89	4.1
6	61.96	62.01	63.25	61.27	62.09	63	24.1	23.1	24.6	24.5	24.3	24	26	22.7	91	95	81	86	89	91	4.9
7	62.23	62.01	62.71	60.78	61.27	62.11	23.4	23.9	25.4	25.5	25	24.8	27.6	22.7	91	87	85	86	88	88	6.6
8	60.98	61.04	62.11	60.16	60.24	61.90	23.8	22.7	25.5	27.5	26	25.5	28.2	21.9	90	94	76	70	78	84	------
9	61	61.33	62.67	60.58	60.61	61.69	23.8	22.8	27.5	27.2	26.1	25.6	28.9	21.9	91	93	81	78	83	84	------
10	60.90	61.08	62.87	60.87	61.24	62.29	24.9	24.6	26	26.1	26	23.5	27.4	22.8	87	90	79	82	82	91	.8
11	61.58	61.69	63.11	61.48	62.59	63.69	25.5	24.7	25.2	26.5	23.9	24	27.9	22.8	86	89	90	84	92	98	9.4
12	63.01	63.77	64.99	62.62	62.68	63.71	24.1	23.3	24.9	26.5	25	24.1	26.9	22.5	86	87	81	72	80	82	3.4
13	63.11	63.21	64.35	62.04	62.47	63.64	23.4	24	26.5	27.2	25.1	25	27.9	23	88	81	76	72	79	79	------
14	62.90	63.50	64.67	62.28	63.08	64.93	24.1	22.9	27	27.5	26.5	25	28.8	22.1	83	89	74	70	78	83	------
15	63.43	63.64	64.95	62.67	63.53	65.09	22	21	26.9	27.7	26	25	29.5	20.4	95	95	77	70	76	81	------
16	64.07	64.84	66.01	63.07	62.87	64.07	21.9	21.9	27	28.9	26.2	25.3	30	21.1	93	93	77	63	78	79	------
17	62.91	62.84	64.14	61.63	61.78	62.58	24.9	24.9	27.9	28.6	26	25.1	29.4	24.4	82	81	69	71	80	84	1
18	61.67	61.51	62.73	60.73	60.48	61.77	24.3	22.7	25.5	27.4	26.5	25.1	28.4	22.1	90	90	80	81	80	79	------
19	60.51	60.39	62.29	60.26	60.11	61.45	24	24	28.4	27.9	26.7	25.5	29.9	20.5	87	86	68	69	76	83	------
20	59.91	59.72	61.38	59.64	59.70	60.78	25.1	25.5	27.8	26.2	25.8	24.4	28.6	23.8	83	80	73	79	81	93	11.1
21	59.99	59.88	60.93	58.97	59.05	60.35	24	24.8	26	26.9	26.2	26	29.4	23.1	90	91	90	81	86	87	.3
22	59.38	59.29	60.50	58.52	58.80	59.84	25	22.7	26.5	28	26.5	26	28.4	22	94	96	82	76	82	87	5.8
23	59.07	59.57	60.28	58.03	58.37	59.84	24	24.1	27.9	28.8	26.9	25.9	29.5	22.9	97	94	78	73	77	83	------
24	58.68	59.57	60.83	59.43	59.52	60.74	24	22.4	27.6	28	27	26	29.8	22	97	96	71	69	74	80	------
25	60.12	60.66	61.97	60.04	59.98	60.70	25.9	24.6	26	29	26.9	25.5	29.9	23.6	81	91	85	74	78	84	------
26	59.87	60.05	61.29	59.07	58.97	60.07	25	24	26.6	28.5	26.9	25.9	29.2	23.4	84	87	77	67	74	80	------
27	59	59.83	61.02	59.25	58.91	59.95	25.4	24.4	25.9	24.9	25.8	25.4	27.9	23.7	81	89	88	83	79	84	8.1
28	59.05	59.42	61.27	59.35	60.30	61.18	25	24.6	25.8	26.4	25.4	25.3	26.6	23.3	86	86	92	81	84	86	2.8
Mean	61.46	61.65	62.89	60.80	61.06	62.20	24.2	23.7	26.3	27.1	25.8	25.1	28.3	22.6	87.5	88.2	79	75	80.1	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	64.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	217.3	210.8	291.9	227.5	947.5	10	Ci.	S.-Cu. NE	8	Ci.-Cu.	S.-Cu. NE
2	NE	NE	NE	NE	NE	NE	232.4	223.1	194.4	167.9	817.8	6	A.-Cu. NE	S.-Cu. NE	10	Ci.	S.-Cu. NE
3	NE	NE	NE	NE	NE	NE	151.8	174.8	208.9	149.2	684.7	10	Ci.-S.	S.-Cu. NE	8	A.-Cu. ENE	S.-Cu. NE
4	NE	NE	NE	NNE	N	N	92.3	110.7	156.9	114.5	474.4	4	Ci.	S.-Cu. NE	3	Ci.	Cu. NE
5	NE	N	N	N	NE	NE	86.7	111	147.8	124.4	469.9	4	Ci.	S.-Cu. NE	7	A.-Cu.	Cu. NE
6	NE	NE	NE	N	N	N	96.3	136.2	144	128.9	505.4	10	Ci.	N. NE	9	A.-Cu. ENE	S.-Cu. NE
7	NE	N	NE	N	N	N	123.7	80	------	107.6	------	10	Ci.-S.	N.	4	Ci.-S.	Cu. NE
8	NE	Calm	NW	NW	N	NE	------	------	98	73.5	------	9	A.-Cu. NE	S.-Cu. NE	3	Ci.	Cu.
9	NE	W	Calm	NW	N	NE	35.2	30.6	102.7	77.5	246	2	A.-S.	Cu.	4	A.-Cu. SE	Cu.
10	NE	N	N	N	N	Calm	54.2	63.3	100.4	36.7	254.6	9	Ci.	S.-Cu. NE	4	Ci.-S.	Cu.
11	N	NE	N	N	NE	NE	108.9	178.1	228.8	294.7	810.5	10	Ci.-S.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
12	NE	NE	NE	NE	NE	NE	301.5	265	261.8	174.9	1,003.2	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NE
13	NE	NE	NE	NE	NE	NE	148.7	154.7	185.6	112.4	601.4	9	A.-Cu. SE	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
14	NE	SW	Calm	NW	NE	NE	49.6	29	107.3	74	259.9	8	A.-Cu. NE	------	4	Ci.	Cu. NE
15	N	Calm	E	N	NE	NE	13.9?	29.2?	143	84	270.1?	4	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
16	W	Calm	NE	NE	NE	NE	------	------	162.4	114.6	------	4	A.-Cu. NE	------	2	Ci.	Cu.
17	NE	E	NE	NE	NE	NE	73.5	141.8	177.6	142.4	535.3	4	Ci.	S.-Cu. NE	4	Ci. S	Cu. NE
18	NE	Calm	N	NNE	NE	E	103.2?	27.4?	129.7	86.9	347.2?	10	Ci.-S.	S. NE	9	Ci.	S.-Cu. NE
19	Calm	NE	NE	N	NE	NE	49.3	95.3	158.2	96.9	399.7	4	Ci.	Cu. NE	7	------	Cu. NE
20	NE	NE	NE	NE	NE	N	107.8	132.5	165.8	100.8	506.9	10	A.-Cu. E	S.-Cu. N	10	Ci.-S.	S.-Cu., N. E
21	N	N	NE	NW	NE	NE	76.7	133.6	------	------	------	10	Ci.-S.	S.-Cu. NE	8	A.-Cu. SE	Cu.
22	Calm	NW	NW	N	N	NE	20.6	36.7	112.7	77.5	247.5	2	Ci.	S.-Cu. NE	4	------	Cu. N
23	Calm	Calm	Calm	NW	N	NE	------	------	------	68.1	------	8	A.-S.	S.-Cu. NE	4	------	Cu. NE
24	Calm	SW	SE	N	N	NE	------	------	126.8	111.6	------	8	A.-Cu. ENE	S.-Cu. NE	1	------	Cu. NE
25	NE	NE	NE	NE	NE	NE	102.7	81.5	114.5	71.1	369.8	10	Ci.-S.	S.-Cu. NE	8	A.-Cu. NE	Cu. NE
26	NE	Calm	N	N	NE	NE	38	53.3	88.5	88.3	268.1	7	A.-Cu. NE	S.-Cu. NE	1	------	Cu. NE
27	NE	Calm	NE	N	NE	NE	38.6	48.6	129.5	149.9	366.6	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
28	NE	NE	N	N	N	N	105.7	100.3	141.6	148.7	496.3	9	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
Mean	------	------	------	------	------	------	101.2	110.3	155.2	118.7	494.7	7.5	------	------	6.1	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.54	61.23	62.97	61.28	61.34	62.31	24.1	24.2	24.5	24.4	25.2	25	26.8	23.4	91	88	88	87	86	83	4.4
2	61.04	61.68	62.80	60.33	60.34	61.35	25.4	25.3	26.4	27	26	25.4	27.7	24.7	77	77	76	74	76	80	------
3	60.35	60.33	61.48	59.49	59.49	61.03	25	25.2	25.7	25	25	24.5	26.9	23.9	86	85	84	92	92	92	22.9
4	60.49	60.39	61.79	59.42	59.25	60.43	24.2	24.5	25.5	25.4	24.6	25	27.6	23.2	92	92	85	85	82	87	1
5	59.75	60.03	61.10	58.79	59.32	60.84	24.3	22.2	27	27	25	24	29.2	21.6	88	94	80	81	92	91	2.3
6	59.45	59.66	60.84	58.78	59.04	60.50	25	25.1	27	28.5	26.7	25.9	30	24.5	91	91	83	70	84	88	4.8
7	59.29	59.11	60.07	58.20	58.65	59.26	25.6	24.4	27	25.6	24	23.2	28.6	22.3	88	90	80	86	95	95	21.4
8	58.39	58.27	59.30	57.38	57.09	58.41	22.5	24	26	27.1	26.5	26	28.8	21.7	96	96	88	86	84	88	.3
9	57.78	57.42	58.33	56.58	57.08	58.34	25.7	25.2	27.8	29.2	27	26.9	30	24.9	90	94	82	73	83	88	------
10	57.64	58.16	59.67	58.43	58.46	59.78	26.5	25.6	28.4	29.5	27.6	26.8	30.8	24.7	85	90	82	70	84	85	------
11	59.42	59.42	60.47	58.65	58.56	59.90	26	24.5	28.5	30.5	27.1	26.5	31.3	22.8	91	87	71	64	72	80	------
12	59.05	59.27	60.44	57.92	57.46	58.91	26.5	25.2	25.9	27.7	26.8	24.6	28.5	23.3	86	91	88	78	83	92	.3
13	58.72	59.06	59.84	58.26	57.67	59.20	23.1	22.5	27.5	29.4	27.3	26.5	29.7	22	95	96	75	68	80	83	------
14	58.70	59.33	60.77	58.69	58.96	61.27	23.2	22.4	29	29.5	28	27	30	21.9	93	96	78	73	77	80	------
15	59.94	59.90	60.83	59.18	59.06	60.32	26.3	26	29	30	27.7	26.5	30.7	25.5	82	84	75	68	79	79	------
16	59.22	59.95	60.94	58.62	58.59	60.48	26	25.9	28	29	27.6	26.3	31.1	25.5	82	80	73	65	73	76	------
17	59.50	59.84	60.98	58.49	58.42	60.12	23.3	21.8	27.9	28	27	26.7	30.2	21	87	90	76	70	80	82	------
18	58.61	59.59	60.44	58.51	58.64	59.77	24.1	22.4	29	29.7	27.9	26.8	31.5	22	96	97	71	70	77	81	------
19	58.74	59.23	60.12	58.47	58.37	59.82	25	23	28.5	29	28	26.5	31.3	22.6	89	96	70	66	80	83	------
20	59.59	60.05	61.42	59.07	59.21	60.31	24.4	23.2	29	30	27.7	26.8	32	22.9	93	96	68	64	73	81	------
21	59.16	59.09	59.58	57.60	57.48	58.58	24	22.2	28.8	29	28	23.5	32	21.9	94	96	70	66	71	91	------
22	57.88	58.04	60.33	58.18	57.58	58.71	21.9	21	27.5	29.2	28	23	29.9	20.6	96	95	76	68	70	90	------
23	57.89	58.34	59.63	57.92	58.02	59.19	21.7	21	28.5	30.5	27.4	25	31.5	20.6	95	96	72	64	70	86	------
24	59.06	59.74	61.24	59.67	59.55	60.68	22.3	21.1	27.8	29	28	23.9	30.4	20.7	95	96	75	61	72	87	------
25	60.01	60.74	62.25	59.96	59.50	61.54	22	20.9	29.5	31.1	27.7	26.3	32	20.4	91	94	69	61	68	77	------
26	60	60.56	62.04	59.87	59.42	60.99	25.6	21.1	29.5	31	27.7	26.7	32.1	20.5	77	90	64	64	76	74	------
27	60.23	61.34	62.28	59.81	60.22	62.14	24.9	22.7	29	29	27.5	27	31.8	21.9	87	89	66	61	73	76	------
28	60.55	61.29	62.41	60.42	60.27	61.32	24.5	25.5	29.7	29.5	28	27	31.3	22	92	84	69	65	74	81	------
29	60.82	60.93	62.62	60.33	60.18	61.10	26	26	27	29.8	27.3	26.5	30.4	24.7	83	82	78	67	78	82	------
30	60.75	60.92	62.18	60.05	60.12	61.78	26.3	26.1	29.2	30.8	27.8	27	32.1	25.8	82	82	68	65	75	78	------
31	60.79	60.78	62.07	59.25	59.61	61.12	26.1	25.5	27.2	28.6	27.9	26.6	30.8	25.2	79	80	79	79	82	85	------
Mean	59.46	59.80	61.01	58.95	58.93	60.31	24.6	23.7	27.8	28.7	27	25.8	30.2	22.9	88.7	90.1	76.1	71.3	78.7	83.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	57.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	N	N	N	NE	116.1	86.7	143.8	225	571.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
2	NE	NE	NE	N	N	NE	255.7	252.4	236.4	179.2	923.7	7	A.-Cu. E	S.-Cu. NE	7	A.-Cu. NE	Cu. NE
3	N	N	N	NW	NNW	N	130.1	188.3	248.4	258.5	825.3	9	Ci.	S.-Cu. NE	10	Ci.-S.	N. NE
4	NE	N	N	NW	N	N	119.4	116.5	124.5	70.8	431.2	10	Ci.-S.	S.-Cu. NE	10	A.-Cu.	S.-Cu. NE
5	NW	W	NE	NW	N	NW	39.1	42.6	133.9	84.5	300.1	7	Ci.	S.-Cu. NE	10	A.-Cu. NE	S.-Cu. N
6	NW	NW	N	E	NE	NE	112.4	104.9	106.8	52.8	376.9	7	Ci.	S.-Cu. NE	9	A.-Cu. NE	Cu. NE
7	NE	Calm	Calm	N	Calm	W	44.5	45.7	43.8	32	166	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. E
8	W	NW	N	NW	NE	NE	39.6	110.2	125.2	95.3	370.3	10	Ci.	N. NE	9	A.-Cu. NE	S.-Cu. NE
9	N	Calm	N	N	N	NE	68.4	20.4	86.4	60.1	235.3	9	Ci.	S.-Cu. ENE	8	Ci.-S. SE	Cu. SE
10	N	Calm	Calm	N	NE	NE	52.6	21.1	89.9	121.7	285.3	8	A.-Cu. ENE	S.-Cu. ENE	4	Ci.-S. S	Cu. E
11	NE	Calm	E	NE	N	N	44.9	49.4	90.3	76.2	260.8	4	Ci.	S.-Cu. NE	1	Ci.	Cu.
12	N	N	N	N	N	NW	112	79.9	93.5	51.3	336.7	10	Ci.-S.	S.-Cu. NE	3	------	Cu.
13	W	W	NW	N	NW	N	58.2	75.1	107	68.6	308.9	9	A.-Cu. NE	S.-Cu. NE	2	Ci.	Cu. N
14	W	W	Calm	NW	NE	N	44.9	28.2	116.5	95	284.6	4	Ci.	S.-Cu. N	7	Ci. S	Cu. NE
15	NE	NE	Calm	NE	NE	NE	54.5	44.3	203.8	117.3	419.9	4	Ci. S	S. NE	4	A.-Cu. E	Cu.
16	N	E	E	NW	NE	E	86.3	64.1	100.3	105.7	356.4	4	Ci.	S.-Cu. NE	1	Ci. SE	Cu. NE
17	NE	SW	NW	N	N	NE	48.5	34.3	100	83.9	266.7	1	Ci.	Cu.	5	Ci.	Cu. NE
18	Calm	SW	SE	NW	NE	NE	39.9	39.9	93.6	63.6	237	1	Ci.	S.	4	Ci.	Cu. E
19	Calm	WSW	E	N	NE	ENE	27.6	42.3	108.4	79.4	257.7	5	Ci. S	Cu.	1	Ci.	Cu. NE
20	SE	SW	E	NW	N	NE	48.3	42.3	98.7	92.7	282	4	Ci. S	Cu.	3	Ci.	Cu. SE
21	NE	SW	E	NW	NE	SW	47.7	42.4	71.8	53.6	215.5	4	Ci. S	S.	1	Ci.	Cu.
22	SW	SW	NNW	NNW	NNW	WSW	86.1	49.6	75.1	------	------	7	Ci. SW	Cu.	6	Ci. SW	Cu.
23	SW	SW	Calm	NNE	NNE	NW	------	47.8	124.1	61.8	------	8	Ci. SSE	S.-Cu.	3	Ci.	Cu. NE
24	SW	SW	N	NNW	NE	SW	71.1	52.8	89	48.8	261.7	1	A.-Cu. NE	Cu.	1	------	Cu.
25	SW	SW	NE	NE	N	NE	68.9	62.2	140	108.9	380	3	Ci.	Cu. NE	1	Ci.	Cu.
26	NE	Calm	NE	NE	NE	NE	49.3?	56	165	94.4	364.7?	1	Ci.	S.	9	A.-Cu. NE	Cu. NE
27	Calm	SW	E	NW	NNE	NE	40.2?	38.3	130.7	104.3	313.5?	1	Ci.	S.	1	Ci.	Cu.
28	Calm	NE	NE	N	NE	NE	46.5?	81.8	148.7	89	366	3	Ci.	Cu. NE	5	Ci.	Cu. NE
29	NE	NE	NNE	NE	NE	NE	85.6	121.5	134.1	94.3	435.5	9	Ci.-S. E	S.-Cu. NE	9	A.-Cu. ENE	Cu.
30	E	NE	NE	NE	NE	E	74.3	85.8	196.3	99.2	455.6	3	Ci.	S.-Cu. NE	2	A.-Cu. E	Cu. NE
31	NE	NE	NE	NW	NE	Calm	57.4	54.2	110.7	63	285.3	9	A.-Cu. E	S.-Cu. E	9	A.-Cu. NE	Cu. SE
Mean	------	------	------	------	------	------	72.3	70.4	123.8	94.4	364.6	5.8	------	------	5.3	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.25	60.84	61.64	59.51	59.47	60.58	25	22	29	30	27.6	26.5	30.4	21.2	88	92	69	67	76	80	------
2	59.46	60.08	60.82	58.49	58.56	59.55	26.1	24	29.8	28.4	27.4	26.3	30.8	23	82	86	63	70	81	79	------
3	58.79	59.26	60.26	58.22	58.46	60.40	22.3	25	30	28.4	27.5	26.3	31.4	21.1	95	84	71	77	79	79	------
4	59.21	59.79	60.97	59.27	59.39	60.95	25.1	21	29.5	30	27.4	26.2	31.4	20.5	84	92	68	66	70	75	------
5	60.03	60.24	61.13	58.54	58.52	60.35	22	21	28.9	28.5	27.1	23.5	30.7	20.2	91	90	67	64	72	81	------
6	59.37	59.66	60.27	58.07	57.97	59.31	21	20.2	26.8	28.4	27.4	25.4	29.4	19.6	91	92	71	68	70	80	------
7	58.11	58.62	59.50	58.07	58.52	59.86	22.8	22	29	29.6	28.1	26.9	30.9	21.2	90	94	76	70	78	83	------
8	58.36	58.61	60.14	58.70	58.79	60.25	24.8	23.8	28.7	29	27.9	26.5	30.1	23	93	93	71	74	74	79	------
9	59.27	59.60	60.62	58.73	58.73	60.62	22.2	21.2	29.2	29.5	28	27	32.2	20.6	96	95	72	69	77	74	------
10	59.25	59.24	60.47	58.37	58.31	59.68	26.1	26	30.9	30	27.6	27	32	25.6	79	79	63	65	76	80	------
11	58.76	59.33	60.11	58.08	58.63	59.87	24.3	22	31	30.7	28.2	27.8	32.2	21.6	91	94	64	58	72	79	------
12	59.14	59.21	60.02	58.41	58.68	60.37	26.8	26.9	28	27.9	27.4	27	31	25.8	80	80	82	82	84	82	------
13	58.86	59.41	60.44	58.41	58.96	60.35	26.2	24.4	29.6	27	25.5	25	32.2	24	87	92	74	84	92	94	3.8
14	59.32	59.82	61.06	58.51	59.34	60.02	24.2	23.9	29.9	29.5	26.5	25.3	32.3	23.4	98	96	72	72	88	93	10.5
15	58.73	58.73	59.73	57.29	58.19	59.77	24.4	23.9	28.4	27.5	27	25.3	30.4	23.3	95	94	79	83	88	93	3.3
16	57.98	58.27	59.14	57.09	57.48	59.59	24.9	24.2	28.5	29.5	28	25.6	30.7	23.8	94	94	84	78	80	91	------
17	58.53	58.82	60.02	57.82	57.74	60.30	24.6	24	25.5	28.6	26.7	25.2	30.4	23.5	93	96	89	76	90	94	21.9
18	59.20	59.13	60.95	58.54	59.62	60.84	24.6	24.1	27.8	28.5	24.8	24.6	29.9	23.6	95	95	81	78.	93	93	37.9
19	59.35	59.29	60.47	58.66	59.50	60.58	23.9	23.2	27.4	29.2	26.8	27.3	30.2	22.8	94	96	82	73	82	82	4.1
20	58.98	59.87	61.48	58.91	59.24	60.81	24.9	24.2	28.5	30.6	28.5	27.7	31	23.8	94	95	74	68	78	82	------
21	59.75	59.90	61.03	58.86	58.78	60.62	26.7	24.4	30	31	28.5	27.9	31.4	24.3	84	93	69	66	79	82	------
22	59.75	60.16	60.87	58.86	58.75	60.26	25	24	29.5	30.5	28.5	28	31	23.5	94	96	70	64	78	80	------
23	59.21	59.37	60.13	58.07	57.69	59.02	26.6	24.2	30	29.7	28.7	27.2	32.3	23.5	83	91	68	71	75	81	------
24	58.15	58.41	59.31	57.11	57.45	59.28	26.9	24.5	30	32	28.7	27.9	32.4	23.9	77	87	67	66	79	79	------
25	58.48	58.41	58.91	56.88	57.35	59.35	27.2	27	29.4	30.7	28	27.7	31.2	25	83	84	74	71	82	79	14.8
26	58.78	58.89	59.84	57.74	57.96	59.44	27	27	29.7	31.4	28.2	27.6	31.8	26.4	81	80	75	66	80	78	------
27	58.49	58.59	59.72	58.27	58.37	59.52	26.9	27	30	28	28	27.3	31.2	26.2	79	80	71	80	79	82	.8
28	58.42	58.48	59.27	57.29	58.04	59.62	26.6	27	29.8	28.5	28	27.2	30.8	26.3	83	80	71	80	79	85	3.3
29	58.98	58.92	59.33	56.97	57.07	58.74	26.6	26.3	29.7	30.5	28.3	27.3	31.4	24.6	87	86	72	70	77	81	------
30	57.85	58.26	58.74	56.77	56.79	58.29	25.4	23.3	29.5	29.4	28.2	27.1	30.6	22.9	93	94	69	68	76	82	------
Mean	58.96	59.24	60.21	58.15	58.41	59.94	25	24.1	29.1	29.4	27.6	26.6	31.1	23.3	88.5	90	72.6	71.5	79.5	82.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	100.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	N	NE	NE	28.8	32.8	123.4	98.7	283.7	1	Ci.	Cu.	1	Ci.	Cu. NE
2	NE	Calm	NE	N	NE	NE	61.5	41.3	121.8	73.2	297.8	4	Ci. S	Cu. NE		Ci. S	Cu.
3	Calm	NE	NE	NNW	N	NE	46.9	65	140.3	79.9	332.1	7	Ci. S	Fr.-Cu. NE	4	Ci.	Cu. NE
4	NE	Calm	Calm	NNE	NE	NE	50.1	42.8	152.6	92.5	338	5	Ci. SE	Fr.-Cu. ENE	7	Ci. E	Cu. NE
5	SW	SW	NE	N	NE	Calm	------	59.7	107.8	------	------	6	Ci. S	Cu. NE	9	Ci.-S.	Cu. NE
6	SW	SW	NW	NW	N	Calm	------	48.3	89	57.4	------	8	Ci.-S. E	Cu.	10	A.-Cu. E	S.-Cu. E
7	S	SW	NE	NW	NE	NE	------	48	101.2	64.2	------	4	Ci. S	Cu.	8	A.-Cu. E	Cu. NE
8	Calm	SW	NE	N	N	NE	41.8	51.3	114.8	69	276.9	10	Ci.	S.-Cu. E	3	Ci.	Cu.
9	Calm	W	Calm	N	N	NE	------	34.8	103	106.5	------	1	Ci. S	Cu.	4	Ci.	Cu. NE
10	NE	NE	NE	NNE	N	NE	70.5	63.3	118.9	88.5	341.2	4	Ci. S	S.-Cu. NE	4	Ci.	Cu. NE
11	NE	Calm	NE	N	NNE	NE	------	70.6	126.5	116.1	------	1	Ci.	Cu.	1	Ci.	Cu.
12	NE	NE	NNW	NW	NE	NE	86.4	120.2	160.1	89.3	456	9	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
13	NE	NE	Calm	E	Calm	Calm	38.9	32.7	44.5	33.8	149.9	9	Ci.-S.	S.-Cu. SE	10	A.-Cu.	N. SE
14	SW	SW	E	S	Calm	SW	48.3	31.2	42.6	38.4	160.5	10	Ci.-S. W	S.	9	Ci.-S. SW	S.-Cu. SE
15	SW	SW	SE	Calm	Calm	SW	44.1	36.8	32.2	37.5	150.6	6	Ci. NW	Cu.	10	Ci.	S.-Cu. S
16	SW	SW	Calm	E	E	SW	41.8	36	38.6	39.9	156.3	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SE
17	SW	SW	E	NE	Calm	SW	49.1	37.5	25.1	45.9	157.6	8	Ci. W	S.-Cu. NW	9	Ci.-S.	S.-Cu. SE
18	SW	SW	NW	N	Calm	W	57.4	35.9	54.7	45.6	193 6	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
19	SW	WSW	N	N	N	E	49.1	70.5	123.3	82.6	325.5	5	Ci. W	S.-Cu. E	9	Ci.-S.	S.-Cu. NE
20	SW	SW	Calm	NW	N	NE	50.9	39.7	113.8	88.5	292.9	8	A.-Cu. W	S. E	6	Ci.	Cu.-N. S
21	E	E	E	NNW	NE	NE	42.9	39.6	107.2	68.7	258.4	4	Ci. E	Fr.-Cu. E	6	Ci.	Cu. N
22	NE	SW	Calm	NW	NE	NE	45.4	28.8	114	------	------	3	Ci. NW	Cu.	1	Ci. E	Cu. NE
23	E	Calm	Calm	NE	NE	E	37.5	27.6	130.2	83.7	279	1	Ci.	Cu.	9	A.-Cu. E	S.-Cu. ENE
24	NE	Calm	Calm	NE	NE	NE	46.4	27.9	152.9	130.6	357.8	1	------	Cu.	4	A.-Cu.	Cu. E
25	NE	NE	NE	NE	NE	ENE	------	------	153.4	112.7	------	2	------	Cu. ENE	6	A.-Cu. E	Cu.-N. SE
26	E	NE	NE	NE	NE	ENE	81.8	80	163.2	143.2	468.2	4	Ci. S	Cu. E	7	A.-Cu. E	Cu. E
27	NE	NE	NE	NE	NE	NE	71	100	176.7	108.9	456.6	4	Ci.	Cu. ENE	9	Ci.	S.-Cu. ENE
28	NE	ENE	NE	NE	NE	NE	81	134.2	203.9	127.9	547	4	Ci. SW	Cu. ENE	9	A.-Cu.	N. ENE
29	NE	N	NE	N	NE	NE	92.3	90.1	173.5	100.3	456.2	6	Ci. W	S.-Cu. ENE	3	Ci.	Cu. NE
30	Calm	NE	NE	NW	NE	NE	35.4	47	138.6	80.8	301.8	6	Ci. WSW	Cu.	4	Ci. W	Cu.
Mean	------	------	------	------	------	------	54.1	54.3	114.9	82.3	306	5.3	------	------	6.5	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.74 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.76	57.36	58.46	56.66	56.84	58.68	26.7	26.9	29.9	30	28.3	27.5	31.9	26.4	84	81	71	65	77	77	------
2	57.68	57.56	58.56	56.92	57.63	59.43	26.8	27	30	30.6	28.5	27.9	31.7	25.4	81	80	69	67	73	79	0.8
3	58.38	58.41	59.69	58.62	58.76	59.78	27	26.6	27.8	26	25	27.2	29.5	24.6	86	89	79	89	88	81	6.8
4	58.63	58.08	59.03	57.51	57.36	58.54	26.7	26.6	28.9	28.5	28	27.5	30.7	25.5	86	87	80	80	79	80	6.5
5	57.03	57.22	58.24	56.11	56.35	57.25	27.1	26.3	28.8	29.4	27	27.6	30.5	25.2	83	86	79	71	78	83	23.5
6	55.16	55.28	55.85	54.22	54.96	56.44	26.9	26.5	27.4	26.9	26.5	27.1	28	25.2	85	86	82	87	90	80	8.5
7	55.86	56.10	57.15	55.93	56.74	58.24	26.3	24.6	27	27	25.6	25.6	28	24.4	82	91	86	84	83	87	3.6
8	56.94	56.59	57.18	55.98	56.39	57.79	25.3	25.2	28.8	29.7	27.4	26.6	30.9	24.9	93	93	73	71	83	87	------
9	56.44	55.98	56.78	56.07	56.10	57.30	26	26.7	28.7	28.2	27	26.5	30	25.9	89	83	76	77	85	83	------
10	56.57	56.74	57.62	55.88	56.71	58.08	26	26.2	29.4	29.8	28.2	27	31.6	24.5	87	85	68	73	77	80	------
11	57.22	57.99	58.76	57.09	57.82	59.46	25.6	25	30.4	31.8	29	26.8	32.9	24.4	88	93	68	61	76	89	------
12	58.70	59.34	59.48	58.06	58.47	59.91	25.6	24.3	31.1	31.4	29.2	26.3	33.2	23.8	93	93	69	66	74	90	------
13	59.02	59.05	59.28	57.05	57.45	58.40	25.4	25.3	31	32.8	29.4	26.6	33.8	24.8	93	94	65	60	70	87	------
14	57.50	57.92	58.56	56.26	56.94	57.97	25.3	25.2	31.1	33	30	26.5	34.1	24.8	96	93	63	55	65	87	------
15	56.75	57.84	58.78	56.90	57.31	59.29	25.2	25.2	31	32.5	29.4	26.3	33.4	24	95	91	64	57	73	90	------
16	58.08	58.80	59.13	57.18	58.17	60.37	25	25	31.6	32.5	29.1	26.3	33.9	24.1	94	90	56	59	75	90	------
17	59.50	59.80	60.23	58.19	58.86	60.34	24.9	24.2	30.5	31.2	29.4	27.2	32.3	22.6	95	91	66	71	70	88	34.3
18	59.51	59.76	60.39	58.60	59.20	61	23.2	23.5	29	30.2	26	25.3	31	22.8	97	97	78	75	94	94	7.9
19	59.66	60.09	60.33	58.81	58.91	59.97	24.6	24.1	29	30	28.5	28.1	31.6	23.4	93	96	77	71	82	85	------
20	58.77	59.25	60.17	58.02	58.63	59.87	25.9	24.9	30	30.5	26.6	28	33	24.4	85	96	73	71	89	86	9.4
21	58.45	58.40	59.47	58.34	58.57	59.72	27.4	24.8	29.4	30.1	28.7	28	31.8	24	86	96	74	67	69	74	------
22	58.75	58.86	59.25	58.33	58.55	59.35	27	27	30	28	27.5	27	30.8	25	81	81	71	84	81	86	3.1
23	58.12	57.75	58.31	56.77	56.93	58.62	26	27	29.5	30	28.9	28.1	31.6	25.2	92	87	78	69	78	82	------
24	57.05	57.62	58.38	56.87	57.12	58.32	27	25.2	29.4	30.6	28.4	28	31.4	24.7	88	93	71	67	81	81	.8
25	57.61	58.75	59.18	57.83	57.94	59.78	25.9	24.7	30.9	28.7	27.8	25.6	32	24.5	94	95	67	80	82	95	3.3
26	58.91	59.36	59.39	58.47	59.32	60.34	25	24.5	28.4	31	24	24	31.7	23.6	96	97	81	71	96	96	14.1
27	59.57	59.37	59.58	58.26	57.96	59.35	23.9	24	28	29.9	28.4	28.1	30.5	23.4	96	97	85	71	82	83	------
28	57.94	58.56	58.96	57.17	57.49	58.92	25.4	24.3	29.2	29	27.1	24.8	33	23.8	91	95	78	75	87	93	9.6
29	57.80	57.87	58.63	57.10	57.36	59.12	24.1	23.6	29.7	31	29	28.5	32.3	23	96	97	78	69	75	81	1.3
30	58.16	59.21	59.56	58.21	58.26	60.02	26.5	24.5	29.7	31	29	28.4	31.4	24.1	94	97	75	67	79	81	------
31	59	59.72	60.11	58.06	57.88	59.59	28	27	30.1	30.5	29	28	31.9	26.3	81	83	72	72	81	81	------
Mean	57.92	58.21	58.85	57.27	57.64	59.07	25.9	25.4	29.5	30.1	27.9	27	31.6	24.5	89.7	90.7	73.3	71	79.9	85	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	133.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	Calm	N	N	NE	62	35.1	110.4	88.8	296.3	5	Ci.	Cu. NE	8	Ci. W	Cu. NE
2	NE	NE	NE	N	NE	NE	59.2	52	161.7	127.1	400	9	Ci.-S.	S.-Cu. ENE	5	Ci. SSW	Cu. NE
3	NE	NNE	ENE	NE	E	N	66.2	94.4	140.8	139.7	441.1	8	A.-Cu. E	S.-Cu. ENE	10	Ci.-S.	N. NE
4	N	NE	NE	N	NE	NE	135.8	135	184.1	128.1	583	8	Ci.	S.-Cu. NE	5	A.-Cu.	Cu. NE
5	NE	NE	NE	NNE	N	NNE	121.2	135.2	217.1	197.2	670.7	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
6	NNE	NE	NE	NE	NE	E	269	290.5	262.3	154.5	976.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. E
7	ESE	SE	SE	SSE	SE	SE	96.8	52.8	67.6	48.9	266.1	10	Ci.-S.	N. SSE	10	Ci.-S.	N. S
8	SE	SE	S	S	S	S	48.1	75	64.7	48.1	235.9	9	Ci.-S.	S.-Cu. SSE	10	Ci.-S.	S.-Cu. S
9	SSE	S	SSE	SW	SW	SSW	65.5	82.6	99.6	50.2	297.9	10	Ci.-S. WNW	S.-Cu. S	10	Ci.-S.	S.-Cu. SSW
10	SW	SW	S	SW	S	Calm	40.5	83.9	73.2	44.3	241.9	9	Ci.-S.	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
11	SW	Calm	SW	S	SW	Calm	37.2	54.4	74	37.8	203.4	7	A.-Cu.	S.-Cu. SSW	6	Ci.-S. NE	Cu.-N.
12	SW	SW	S	SW	S	SW	40.5	36.5	63.3	38.1	178.4	3	Ci.	------	5	Ci.	Cu. S
13	SW	SW	SW	SW	SW	SW	43.7	64.1	71.4	66.3	245.5	4	Ci.	Cu. SSW	4	Ci.	Fr.-Cu. SW
14	SW	Calm	SW	S	SW	SW	53.3	65.4	81.5	71.1	271.3	1	Ci.	Cu.	3	Ci.	Cu.
15	SW	SW	SW	SW	SW	SW	56.9	78.3	81.1	62.3	278.6	2	Ci.	Cu.	4	Ci.	Cu. SW
16	SW	SW	SW	SW	Calm	SW	38.4	70.2	79.7	57.4	245.7	3	Ci. SE	Cu.	4	Ci.	Cu. W
17	S	SW	Calm	NW	Calm	SW	72.6	38.1	70.3	61.2	242.2	1	Ci.	Cu.	5	Ci.-S. S	Cu.
18	SW	SW	NW	NW	SW	SW	59.3	50.2	71.1	39.7	220.3	7	Ci.	Cu.	7	Ci.	Cu.-N. SE
19	Calm	Calm	Calm	NW	NE	NE	32.4	27.7	106.4	73.7	240.2	4	Ci.	Cu. NE	8	Ci.	S.-Cu. SE
20	Calm	SW	E	N	NW	NE	33.8	29.3	61.8	65.4	190.3	6	Ci.	S.-Cu. NE	4	Ci.	Cu.-N. SE
21	S	SW	NE	N	NE	NE	47.8	37	136.2	116.1	337.1	1	Ci.	Cu.	2	Ci.	Cu.
22	NE	NE	NE	NE	N	NE	52.1	71.9	137	120.5	381.5	7	------	S.-Cu. NE	10	Ci.-S.	N. NE
23	NW	N	Calm	N	NE	NE	58.2	35.7	106.2	90.7	290.8	9	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu. NE
24	Calm	W	Calm	NW	NE	NE	29.6	28.4	63.4	68.2	189.6	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. SE
25	Calm	SW	S	Calm	Calm	S	42.1	46.4	42.6	35.6	166.7	8	A.-Cu. E	Cu. S	10	Ci.-S.	S.-Cu. SE
26	SW	SW	NNW	NW	SW	SW	51	40.5	67.6	56.9	216	8	Ci.-S.	S.-Cu. SE	8	A.-Cu.	Cu.-N. SE
27	SW	SW	Calm	S	Calm	N	64.2	32	34.1	56.1	186.4	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
28	W	W	E	SW	Calm	SW	42.3	37.2	54.2	60.2	193.9	4	Ci.	Cu.	8	Ci.	S.-Cu. SE
29	SW	SW	N	NW	N	NE	44.3	37	68.4	86.9	236.6	2	Ci.	Cu.	5	Ci.-S. E	Cu. SE
30	Calm	SW	Calm	NW	NE	NE	42	35.1	125.3	97.4	299.8	1	Ci.	Cu.	7	Ci.	Cu. SE
31	NE	Calm	NE	NE	NE	NE	73	82.4	150.8	71.4	377.6	7	Ci.	S.-Cu. ENE	10	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	63.8	65.6	100.9	79.4	300.7	6.2	------	------	7.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,601.1	------	------	------	------	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.74 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.05	58.62	59.48	57.49	57.47	59.32	26	28	30.6	31	27.9	28.1	31.8	25.5	92	81	72	92	84	85	1.3
2	58.23	58.49	58.92	57.19	57.52	59.38	27.7	28.7	30.4	31.4	29.7	28.3	32.6	27.5	83	78	72	67	75	84	1.5
3	57.73	57.77	58.29	56.45	56.49	58.26	28	26	30.9	31	29	28.7	31.8	25.3	85	90	70	65	78	80	------
4	57.46	57.09	57.66	55.79	56.36	58.38	25.9	25.5	32	32.4	29.9	26.2	33.5	24.8	94	93	60	55	72	88	------
5	56.76	56.85	56.73	55.01	55.16	57.54	25.5	25	30.8	31.5	30	27	33.2	24	95	92	71	68	75	86	15.5
6	56.71	57.85	57.95	56.27	56.97	58.12	26	25	28.5	30	28.2	25.4	31.4	24.4	91	94	81	73	80	92	.3
7	56.97	57.71	57.92	56.69	56.86	58.46	25	24.9	29.2	29	28	26	30.2	24.4	92	93	78	81	84	88	------
8	57.46	57.85	58.58	57.27	57.64	58.90	25	24.4	28.8	30	26.7	25	30.6	24	93	97	73	70	86	95	5.6
9	57.71	58.08	58.87	56.82	57.47	59.22	24.2	24	29.8	30	27.2	25.6	32	23.5	96	98	76	71	85	94	19
10	58.50	58.87	58.92	56.98	57.73	59.46	24.5	24	30.3	31.6	29	26	32.3	23.6	97	97	75	58	71	88	10.9
11	58.57	58.98	59.22	57.11	57.54	58.85	24.9	24	29.4	30.5	29	28.2	31.3	23.5	92	95	79	73	74	80	------
12	57.98	59.08	59.02	57.11	57.26	58.82	24.7	24.1	30	32.9	29.6	25.2	33.4	23.6	92	95	70	54	70	88	------
13	58.02	58.92	59.18	57.28	57.99	59.72	23.9	24.2	28	31	30.1	26	32.3	23	92	90	82	65	70	91	2.8
14	58.58	58.83	58.54	56.68	57.61	59.40	25	24.8	30	33.4	29.4	26	34.3	24	92	93	77	60	76	91	------
15	58.22	59.08	58.55	56.40	56.77	59.24	25.3	25	30.8	32	30	26.5	33.5	24.5	97	95	75	60	65	88	------
16	57.95	58.01	58.42	56.56	56.95	58.97	25.2	24.9	30.5	33.9	29.4	27.5	34	24.1	93	92	78	54	78	82	22.6
17	58.48	58.42	58.85	57.21	57.63	59.82	24	24	29.8	31.5	29	26.5	32.9	23.1	93	93	71	64	74	90	1.3
18	59.22	59.81	59.72	57.90	58.27	60.45	25.4	24.8	30	31.5	29.3	26.4	32.5	24.2	95	94	75	63	78	92	------
19	59.74	60.39	61.16	58.71	59.83	60.49	25.8	25.6	28.1	31.4	25	24	32.2	23.3	92	91	82	68	92	95	18
20	60.21	60.17	60.21	58.36	58.42	60.05	23.4	23.4	30.3	32.2	28.7	25.3	33.1	22.6	97	97	78	68	82	91	13.7
21	58.97	59.33	59.27	57.25	57.93	58.69	24	23.6	30.4	32.5	29.2	27.1	33.9	23	98	95	75	68	72	87	------
22	58.42	58.51	58.63	57.42	58.41	59.71	25.5	25	31.4	32.2	29.8	26.7	33.4	24	97	92	65	59	69	90	------
23	58.74	59.46	59.18	58.14	58.77	59.31	25.5	24.5	31.3	31	29	26.8	34	24	94	92	61	64	75	85	------
24	58.87	59.26	59.46	57.86	58.42	60.14	25.7	25	31	33	29.7	26.2	34.3	24.5	90	90	72	58	70	90	5.8
25	59.46	59.54	60.09	58.96	58.88	59.79	24.9	24.4	29.6	25.4	26.8	28	30.2	23.3	93	93	75	88	87	77	31.2
26	59.16	59.47	59.61	58.26	58.61	59.63	27.5	24	29.2	30.7	29	27	31.1	23.6	79	91	71	70	76	88	------
27	58.62	58.65	59.32	58.06	58.82	59.89	25	25	30	26.9	26.5	25.4	31.6	24	96	92	75	80	90	93	1.6
28	58.96	59.94	60.35	58.74	59.38	61.77	24.5	24.6	27	28.5	28	25	30.5	23.4	95	94	88	84	82	93	18.8
29	60.41	60.40	60.77	58.92	58.54	60.47	24	23.4	28.8	29.5	29.2	26	31.4	23	96	97	79	76	75	95	1.3
30	59.07	58.77	59.11	56.60	57.08	59	24.9	24.2	30	31.2	30.2	27	31.9	23.6	96	97	77	69	72	91	------
Mean	58.44	58.81	59.07	57.32	57.76	59.38	25.2	24.8	29.9	31	28.8	26.4	32.4	24	92.9	92.7	74.4	67.5	77.2	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	171.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NE	NE	NE	NE	NE	49.6	74.5	130.7	55.2	310	8	Ci.-S.	S.-Cu. ENE	8	A.-Cu. E	Cu. NE
2	NE	NE	NE	N	NE	NE	58.9	59.5	130.6	104.3	353.3	4	Ci.	Cu. ENE	5	Ci.-S. E	Cu. NE
3	NE	NE	Calm	NW	W	NE	39.7	26.3	107.3	45.3	218.6	5	Ci. SW	Cu. ENE	10	Ci.-S.	Cu.
4	W	W	SSE	S	Calm	SW	51.8	42.1	46.2	42.1	182.2	5	Ci. SW	Cu.	7	A.-Cu.	Cu. SE
5	SW	SW	SE	E	Calm	SW	52	31.2	29.2	43.5	155.9	9	Ci.-S. NW	Cu.	7	Ci.	Cu. SE
6	SW	Calm	S	E	Calm	SW	42.6	31.2	44.3	45.9	164	10	Ci.-S.	Fr.-N. SE	9	Ci.-S.	S.-Cu. SE
7	SW	SW	E	NW	N	SW	63.6	45.6	119.1	65.2	293.5	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu. NE
8	SW	SW	NW	N	Calm	SW	54.9	35.4	40.8	46.4	177.5	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. N
9	SW	SW	NE	N	Calm	SW	61.8	30.4	61	57.3	210.5	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SE
10	SW	SW	NW	S	Calm	SW	60.7	32.8	39.9	47.7	181.1	7	Ci. N	Cu.-N. E	5	Ci. N	Cu. SE
11	SW	SW	Calm	E	Calm	E	63.6	38.9	29.5	34.6	166.6	10	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu. S
12	SW	SW	SE	SSE	Calm	SW	68.2	37.8	48.6	56.8	211.4	10	Ci.-S. NNE	Cu.	5	Ci.	Cu.-N. E
13	SW	SW	E	E	Calm	SW	81	42.4	31.9	46.9	202.2	4	A.-Cu. S	Cu.	6	Ci.-S. E	Cu. SE
14	SW	SW	E	S	Calm	SW	55.2	57.6	50.7	37.5	201	7	Ci.-S.	S.-Cu. SE	7	Ci.	Cu. SSE
15	SW	SW	E	SSW	S	SW	50.1	50.4	63.4	43.2	207.1	9	Ci.-Cu. SE	Cu.-N. W	7	Ci.-S.	Cu. SE
16	SW	SW	E	S	E	S	64.6	40.2	61.8	47.5	214.1	10	Ci.-S.	Cu.	8	A.-Cu. SE	Cu.-N. E
17	SW	SW	S	SW	SW	SW	49.9	53.7	56.1	40.7	200.4	7	Ci.	S.-Cu. S	6	A.-Cu. S	Cu.
18	SW	SW	E	SW	Calm	SW	44.9	34	49.3	39.7	167.9	8	Ci.-S. ENE	Cu.	9	Ci.-S. E	Cu. SE
19	SW	SW	Calm	NW	SW	SW	55.8	31.6	63.1	72.1	222.6	10	Ci.-S.	S.-Cu. SSE	8	Ci.	Cu.-N. SE
20	SW	SW	SE	Calm	SW	SW	79.1	35.6	35.2	51	200.9	2	Ci.	Cu.	7	Ci.	Cu.-N. S
21	SW	SW	NE	NE	SW	SW	75.8	40.2	57.6	37.3	210.9	2	Ci.	Cu.	4	Ci.	Cu.-N.
22	SW	SW	SW	SW	SW	SW	59.8	76.6	77.9	40.2	254.5	2	Ci.	Cu.	4	Ci.-S.	Cu.-N.
23	SW	SW	SW	SW	Calm	SW	65.8	61	52.5	44.6	223.9	1	A.-Cu. S	Cu.	9	Ci.-S.	Cu.-N.
24	SW	SW	NE	SW	NW	SW	69.5	41.5	59.7	71.3	242	2	Ci.	------------	9	Ci.-S.	Cu.-N.
25	SW	SW	NNW	SW	Calm	E	69.4	56.5	54.4	77.9	258.2	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Fr.-N.
26	E	SW	NW	NNE	NE	Calm	51.7	43.2	113.5	46.2	254.6	7	Ci. NE	Cu.	7	Ci.	Cu. NE
27	SW	SW	E	SW	SW	SW	64.6	42	59.3	46.9	212.8	8	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.-N. SE
28	SW	SW	Calm	SE	Calm	Calm	51.2	31.7	48	32.4	163.3	9	Ci.-S.	S.-Cu. ESE	9	Ci.-Cu.	S.-Cu. S
29	SW	SW	Calm	NW	NW	SW	49.4?	34	62.5	55.7	201.6?	9	A.-Cu.	S.-Cu. SE	9	Ci.	S.-Cu. S
30	SW	SW	Calm	NW	NW	SW	63.1	30.9	83.5	44.9	222.4	4	Ci.	S.-Cu. NE	4	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	53.9	43	63.6	50.7	216.2	6.8	------------	------------	7.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,485	----	------------	------------	----	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.15	58.46	58.97	57.10	57.77	59.02	25.2	24.5	30.3	31	30	29	32.4	23.8	94	96	73	64	71	74	5.6
2	58.25	59	60.17	59.11	59.02	60.11	26	25.9	28.5	29.3	28	28	31	24.6	92	92	74	76	71	86	.5
3	58.05	59.35	59.80	58.37	58.76	59.57	27.7	25.9	30.4	30	28.1	29	31	24.6	86	95	73	77	77	81	------
4	58.43	58.36	59.63	57.64	57.75	58.97	28	26.8	26.5	28.8	28.6	28.2	30	25.5	89	86	86	72	82	85	1.8
5	58.33	58.20	58.65	56.87	57.19	57.92	28.1	27	30.8	30	29	28.9	32.6	26.2	84	90	72	75	82	79	6.4
6	57.38	58.28	58.60	57.33	57.43	58.66	27	26	27.4	30	28	26	30.3	25	90	91	83	74	85	97	2
7	57.86	57.63	58.01	57.01	57.59	59.04	25.5	25	29.4	30	26.7	25.2	31.6	24	95	97	77	80	88	97	1.8
8	58.48	58.03	57.95	56.32	56.48	58.63	24.2	24	30	31.4	29	27	32.4	23.2	98	97	73	66	74	84	3.8
9	57.49	57.41	57.66	55.61	56.42	57.60	25.8	25	30.4	31	27	25.9	33	24.1	92	96	73	71	84	92	------
10	57.02	57.27	57.57	56.13	55.89	57.71	24.6	24.2	30	29	30	25.4	32.8	23.5	95	94	69	71	72	86	------
11	56.66	56.89	57.22	56.31	56.67	58.30	24	23.4	30.1	31.5	28.5	25.6	33	22.4	94	91	66	59	76	88	------
12	57.25	57.72	58.17	57.50	57.33	59.12	24.4	23.9	29.4	27.9	29.3	25.2	31.7	23.1	95	95	70	80	72	92	22.9
13	57.88	57.84	58.34	57.01	56.97	57.80	24.1	23.9	29	30.2	28	26.4	31.4	22.9	95	95	71	70	85	93	14.7
14	56.16	56.15	56.38	54.62	53.84	54.39	25	24.4	28.9	29	28.3	25.4	30.5	24	92	96	83	80	80	94	152.7
15	53.75	52.70	51.95	50.67	50.23	51.71	24.8	25.5	26.4	27.4	26.5	24.8	27.8	23.6	96	95	88	82	83	92	106.2
16	50.94	51.54	52.88	51.96	51.96	53.55	24.6	24.7	24.4	26	26.4	26.5	26.6	23.8	93	93	91	86	83	82	15.7
17	52.88	53.33	54.66	54.30	54.14	55.34	26	25	26.2	27	26.6	25.5	27.5	24.2	85	84	85	80	84	85	------
18	54.37	54.71	55.27	54.12	54.52	56.15	25	25.9	29.4	30	27.7	26	31	24.5	92	85	73	67	79	82	------
19	54.75	54.31	54.52	54.28	54.92	56.20	26.1	26	29.5	28.7	27.9	26.1	32.2	25.4	82	82	64	77	76	88	3
20	55.39	54.66	56.32	55.09	55.88	56.41	25.9	25.5	28	30	27.7	26.5	30.5	25.2	82	83	74	65	73	73	------
21	55.70	55.51	56.53	55.88	55.97	56.05	26.5	26.5	28.7	25.5	25.5	25	31	24.1	80	80	75	90	84	83	12.7
22	55.15	54.43	54.94	53.94	54.15	54.95	24.4	25.4	29	30.6	25	25.3	31.7	23.9	88	87	71	64	88	85	3
23	53.43	53.32	53.84	52.26	52.51	53.81	25.5	25.5	28.9	30	27.5	26.3	30.9	25	81	80	69	65	70	76	------
24	52.70	53.18	54.16	53.79	54.02	55.14	26	26	27.8	26.6	26.2	26.3	27.9	24.6	83	80	78	80	81	84	1.8
25	54.28	54.94	55.89	55.04	55.32	57.30	24.5	25	26.7	29.5	28.2	27.1	31	23.9	91	88	87	70	70	76	1.3
26	56.54	56.45	57.02	55.98	56.43	57.68	25.7	25.8	29	31	29	26.4	31.8	24.4	83	81	71	61	74	73	------
27	56.37	56.23	56.19	54.82	55.02	56.22	24.1	23	29.7	29.5	27.5	24.6	31.4	22.6	91	93	63	74	73	92	30.3
28	54.08	53.49	54.21	52.63	52.12	52.21	24.4	25.7	25.6	26.1	25	25.2	26.6	23.4	87	78	88	85	87	88	7.1
29	50.89	50.93	51.03	51.32	50.04	52.97	24.5	24.8	25.4	24.9	23.6	26.5	26.5	23.1	86	89	87	90	91	85	20.9
30	52.37	53.02	54.59	54.20	54.11	56.16	25.9	25.5	28	26.6	27.3	25	29.9	24.2	84	88	79	89	81	92	14.2
31	55.11	55.20	56.58	55.15	54.98	56.65	24.6	25.8	29	30.5	28	26.4	31.2	23.9	96	90	76	68	81	84	------
Mean	55.68	55.76	56.38	55.24	55.34	56.62	25.4	25.2	28.5	29	27.6	26.3	30.6	24.1	89.4	89.3	76.2	74.5	79.3	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	428.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	N	N	N	N	56.1	34.9	76.1	71.6	238.7	5	Ci.	S.-Cu. ENE	4	Ci.	Cu. SE
2	W	Calm	NW	N	NE	NE	64.1	73	110.5	54.7	302.3	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Cu.-N. SE
3	NE	SW	NE	N	N	NE	41	71	109.6	54.5	276.1	9	A.-Cu. NE	Cu.	8	Ci.	Cu.-N. E
4	Calm	N	NW	N	N	N	35.4	80.3	93.5	95.3	304.5	8	Ci.	S.-Cu. NE	10	Ci.-S.	Cu.
5	E	Calm	Calm	N	NE	N	33.3	37.5	125	66.8	262.6	5	Ci. E	S.-Cu. NE	9	Ci.	Cu.-N. E
6	W	NW	N	N	N	W	72.2	67.9	67.4	37	244.5	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. E
7	SW	SW	E	WSW	Calm	SW	40.2	36	47.8	51	175	8	Ci.	S.-Cu. NE	9	Ci.-S.	N. SE
8	SW	SW	SSW	SW	SW	SW	67.3	57.7	89	49.1	263.1	2	Ci. E	Cu.	4	Ci. ENE	Cu. SSW
9	SW	SW	N	S	SW	Calm	52.6	34.6	85	75	247.2	8	A.-Cu. ENE	Cu.	6	Ci. ENE	Cu. SW
10	SW	SW	SW	N	Calm	SW	64.4	52.6	31.2?	52.3	200.5	8	A.-Cu. E	Cu.	9	Ci.	S.-Cu. W
11	SW	SW	SSW	SSW	SW	SW	72.4	52.6	73.4	35.9	234.3	8	Ci.-S. E	Cu.	9	Ci.-S. E	Cu.-N. ESE
12	SW	SW	SE	W	NW	SW	62.3	43.1	52.6	44.3	202.3	8	A.-Cu. E	S.	10	Ci.-S.	Cu.
13	SW	SW	N	NW	Calm	SW	63.3	58.1	62.6	36.4	220.4	6	Ci.-S.	------------	9	Ci.-S.	Cu.-N. ESE
14	SW	SW	NNW	N	NW	SW	54.9	86.7	170.8	72.2	384.6	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ESE
15	SW	NW	NW	NW	NW	SW	81.8	270.6	199.8	100.3	589.5	10	Ci.-S.	N. NNW	10	Ci.-S.	Fr.-N. NNW
16	SW	WSW	SW	SW	SW	SSW	106.8	147	113	112.5	479.3	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
17	SW	SW	SW	SW	SW	SW	97.9	153.9	88.5	39.2	379.5	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	S.-Cu. SW
18	Calm	SW	SSW	SW	W	SW	55	81.6	89.0	70.5	296.1	10	Ci.-S.	S.-Cu. SW	9	A.-Cu. SW	S.-Cu. SW
19	SW	SW	SW	SW	SW	SW	116.7	119.1	85.3	61.5	382.6	8	A.-Cu. SW	s.-cu. wsw	7	Ci.-Cu. SW	S.-Cu. SW
20	SW	SW	SW	SW	SW	SW	107	120.2	108.1	78.6	413.9	9	A.-Cu.	S.-Cu. W	9	A.-Cu.	S.-Cu. SW
21	SW	SW	SW	SW	SW	SW	74.2	88.8	118.5	157.9	439.4	7	Ci.	S.-Cu. W	10	Ci.-S.	N. W
22	SW	SW	SW	WSW	WSW	SW	104.6	79.4	111.2	94.8	390	9	A.-Cu. NW	S.-Cu. W	9	A.-Cu. NW	S.-Cu. W
23	SW	SW	SW	SW	SW	W	103.2	98.4	120.9	92	414.5	7	A.-Cu. W	S.	9	A.-Cu. SW	S.-Cu. W
24	SW	SW	SW	SW	S	S	69.2	83.5	75.4	65.2	293.3	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	N. W
25	SW	SW	SW	SW	S	SW	49.3	56.6	68.6	38.1	212.6	10	Ci.-S.	s.-cu. ssw	9	A.-Cu. SW	S.-Cu. SW
26	Calm	Calm	SW	WSW	Calm	SW	26.2	52.9	49.4	28.2	156.7	8	A.-Cu. E	------------	9	A.-Cu. ENE	S.-Cu. W
27	Calm	SW	NE	WSW	WSW	Calm	44.5	38.6	45.6	33	161.7	4	Ci. E	------------	10	Ci.-S.	S.-Cu. W
28	WSW	WSW	WSW	WSW	SW	SW	50.7	78.1	102.2	126.6	357.6	10	Ci.-S.	Fr.-N. wsw	10	Ci.-S.	Fr.-N. W
29	SW	SW	S	SW	SW	SSW	138.7	120.5	162.6	111	532.8	10	Ci.-S.	N. SW	10	Ci.-S.	S.-Cu. SW
30	SSW	SW	SSW	SW	SW	W	85.8	65.5	81.9	44.9	278.1	10	Ci.-S.	s.-cu. wsw	10	Ci.-S.	N. SW
31	SW	S	SSW	SW	SW	W	41.8	70.2	85.6	47.2	244.8	4	Ci.	S.-Cu. SW	5	Ci.	Cu. SW
Mean	------	------	------	------	------	------	68.8	79	93.6	67.7	309	8	------------	------------	8.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,578.5	------	------------	------------	------	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.66	55.75	56.53	55.15	55.72	56.94	25	25.2	28.5	28	27.6	25.5	29	23.9	92	89	83	75	76	92	------
2	56.22	56.19	57.30	56.04	56.36	57.30	25.9	25.5	28	29	27.7	25.5	30.2	24.7	84	87	69	67	68	80	------
3	56.70	56.64	57.51	56.47	57.06	57.23	25.2	26	29.5	30	24.2	23.2	31.1	22.7	85	76	64	69	87	93	7.7
4	56.58	56.86	56.71	55.50	55.86	56.46	25.2	24.6	29	26.4	26	26	30	23.3	89	87	71	86	85	88	4.4
5	55.41	55.93	56.56	55.34	55.36	56.56	24	23.1	27.5	27.9	26.1	25.2	28.6	22.8	86	94	78	77	85	85	------
6	55.56	55.06	56.31	55.29	55.84	56.80	25.1	25.2	28.5	28	26.8	26	29.4	24.7	87	87	74	77	82	80	------
7	55.04	55.37	56.38	55.64	55.74	57.10	25.2	26.2	28.6	28.7	27	26.4	30.6	24.8	88	75	72	69	79	78	------
8	56.75	56.40	57.09	55.87	56.86	58.38	26	24.5	30	30.2	28.4	26.5	32.2	23.9	82	90	71	66	75	79	------
9	57.05	56.92	57.54	56.52	56.40	57.51	26.1	26.2	30	31.3	29.1	27.6	32.7	25.6	81	80	68	64	66	73	------
10	56.78	56.71	57.18	55.55	56.28	57.09	27	26.6	31	33	28.3	26.9	34	25.6	77	80	59	56	68	77	------
11	56.14	56.02	56.73	54.72	55.36	57.25	25.1	26	29	30.5	28.4	26.1	31.2	24.4	91	85	69	66	70	82	------
12	55.60	55.81	56.52	54.91	55.90	57.56	25.1	24	30	30.3	26	25.4	32.4	23.5	86	87	65	68	87	86	12.5
13	55.91	56.12	57.13	55.25	55.46	57.19	24	23.2	28	28.9	26.3	25.2	30.7	22.8	91	95	76	82	92	94	14.4
14	56.51	56.75	57.62	55.34	54.89	54.97	24.2	25.8	25.6	27.5	26.9	25	28.9	23.5	97	87	88	84	88	92	2.8
15	54.07	53.61	54.15	51.60	51.65	52.78	25	26	29	31.8	28	27.1	32.3	24.2	84	80	73	61	75	78	13
16	52.07	52.46	54.21	54.94	55.65	58.19	26.9	25.1	26.5	26	25.8	24.9	27.2	24.3	83	91	84	86	85	90	1.8
17	57.36	57.47	59.57	58.41	59.18	59.88	26	26	27.8	28	26	26	30	25	88	89	82	85	92	92	11.1
18	59.23	59.22	59.87	58.07	58.29	59.19	26.9	26	27.7	29.2	28	27.5	30	25.2	90	94	84	77	85	87	3.6
19	57.74	57.34	57.45	55.47	55.57	57.01	26.9	25.1	28.8	31	28.8	25.3	31.8	24.4	87	92	73	62	76	97	------
20	56.09	56.11	56.69	55.29	55.53	57.11	25.1	24.4	27.9	28.3	27.3	25.9	28.9	23.8	95	92	82	79	86	95	1
21	56.75	56.33	56.64	55.71	56.15	57.54	24.7	23.9	29.6	28	24.9	24.2	32.3	23.1	97	96	70	82	92	96	12.2
22	57.04	55.82	56.59	55.54	55.89	57.04	23.5	23	28.5	27.8	27	24.7	31.4	22.3	98	97	71	79	81	91	------
23	56	56.23	56.98	55.25	55.74	57.22	24.2	23.3	29.4	30.6	27	25	31.9	22.9	95	97	71	65	80	90	------
24	56.36	56.69	57.44	55.72	56.81	58.79	24	23	29.4	32	25.9	24.9	33.2	22.5	92	96	68	58	88	95	1.5
25	57.22	57.82	59.93	57	57.98	58.86	24.2	24.4	23.5	29.4	26.6	26	30.7	23.1	97	91	94	68	75	77	30.7
26	57.77	57.30	57.72	56.03	55.75	56.59	25.5	25	29.8	30	27.5	25	31.3	24.4	82	87	67	71	78	83	.8
27	55.27	54.50	54.49	52.50	52.84	54.57	24.3	23.5	29.6	30	28	26.3	32.7	22.7	87	91	68	71	75	90	------
28	53.43	53.67	54.71	53.29	54.31	56.12	25.2	25	27	27.1	26.8	25.4	30.1	24.4	95	97	91	83	88	92	19
29	55.92	56.27	57.40	57.04	57.10	58.94	24.6	24.4	28	26.9	25.2	24.8	31.2	23.8	96	96	79	83	94	96	1.3
30	57.91	58.09	58.20	56.47	57.14	58.94	23.6	23	28	29.5	27.2	25	31.5	22.5	97	96	77	69	84	94	------
31	57.41	57.34	57.85	55.87	55.80	58.42	23.9	23	29	30.7	29.6	24.2	31.8	22.3	96	96	68	70	79	96	63.5
Mean	56.24	56.22	57	55.54	55.95	57.28	25.1	24.7	28.5	29.2	27	25.6	30.9	23.8	89.5	89.6	74.5	72.7	81.3	87.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	201.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	W	W	SW	W	W	28.2	49.3	63.9	38.6	180	7	A.-Cu. S	S. SW	10	Ci.-S.	S.-Cu. W
2	SW	SW	W	SW	W	Calm	32.5	66.5	103.8	34.4	237.2	9	A.-Cu.	S. W	10	Ci.-S.	S.-Cu. W
3	Calm	W	W	SW	Calm	SW	29.3	80.8	82.9	44.1	237.1	10	A.-Cu.	S. W	9	A.-Cu.	S.-Cu. W
4	SW	SW	SW	W	W	W	96.4	85.9	69.5	41.8	293.6	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. WNW
5	SW	SW	SW	SW	SW	SW	53.1	107	122.5	79.7	362.3	9	Ci.-S.	S.-Cu. NW	9	Ci.-Cu.	S.-Cu. WSW
6	SW	SW	SW	SW	sbyw	SW	109.4	94.8	101.6	79.7	385.5	10	Ci.-S.	S.-Cu. W	9	A.-Cu.	S.-Cu. WSW
7	SW	SW	SSW	SW	SW	SW	82.1	111	76.2	49.4	318.7	9	A.-Cu. SW	S.	9	A.-Cu. SW	S.-Cu. W
8	Calm	Calm	SW	SSW	S	W	35.1	55.5	91.2	44	225.8	9	A.-Cu. NW	------------	5	Ci.-S. NE	Fr.-Cu. SW
9	SW	SW	SW	SW	SW	SW	52.6	90.3	96.3	77.2	316.4	3	Ci. E	------------	5	Ci. NE	Cu. W
10	WSW	SW	WSW	WSW	SW	Calm	68.7	104.9	109.9	49.6	333.1	8	A.-Cu. NE	S.	9	A.-Cu.	S.-Cu. W
11	SW	SW	SW	SW	SW	SW	54.1	100.9	97.2	51.3	303.5	10	Ci.-S.	S. W	10	Ci.-S.	S.-Cu. W
12	Calm	Calm	SW	N	SW	SW	30.4	60.7	66.3	34.9	192.3	7	A.-Cu. E	Cu.	7	Ci.	Cu. W
13	SW	SW	NE	Calm	SW	SW	52.1	36.7	42	53.1	183.9	8	Ci.-S. E	S.	8	Ci.-Cu.	S.-Cu. W
14	SW	W	Calm	Calm	SW	SW	57.9	29.8	28.4	26	142.1	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	S.-Cu. NW
15	SW	SW	SW	NNW	SW	SW	41.3	40.8	81.3	112.9	276.3	10	Ci.-S. NE	S. W	10	Ci.-S.	S.-Cu. W
16	SW	SSW	SSW	SW	S	Calm	113	122.9	75.1	34.9	345.9	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
17	S	SE	E	Calm	NE	NE	51.7	48.3	41	41.5	182.5	10	Ci.-S.	S.-Cu. SSE	10	Ci.-S.	S.-Cu. SE
18	NE	Calm	NE	N	NE	N	59.3	60.7	113.2	104.6	337.8	7	A.-Cu. E	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NE
19	NW	W	Calm	NW	N	SW	78.6	34.3	53.4	44	210.3	1	Ci.	S.-Cu. NE	8	A.-Cu. E	Fr.-Cu. N
20	SW	SW	Calm	SW	Calm	SW	43.8	30	57.6	35.9	167.3	10	Ci.-S., A.-S. E	S.-Cu. SW	10	Ci.-S.	S. W
21	SW	SW	SW	NW	SW	SW	53.6	56	91.9	40.2	241.7	4	Ci.-S.	Cu.	9	Ci.	N., Cu.-N. NW
22	SW	SW	S	NW	SSE	SSW	52.5	69.4	66.2	41	229.1	2	Ci.	Cu.	9	Ci.	S.-Cu. W
23	Calm	SW	SSW	S	W	Calm	36	76.7	84.8	36.8	234.3	2	Ci.	Cu. W	8	Ci.-Cu. NW	Cu. SW
24	SW	SW	SSW	SSW	Calm	SW	48.5	47.8	62.3	47.7	206.3	7	A.-Cu. W	S.	6	Ci.	Cu. SW
25	SW	Calm	S	W	SW	S	49.3	-----	58.4	58.4	------	5	Ci. WNW	S. W	9	A.-Cu. NW	S. W
26	Calm	SW	SW	SW	Calm	SW	52.3	48.6	57.3	52.5	210.7	5	Ci. NE	S. W	6	A.-Cu. W	S.-Cu. W
27	SW	SW	S	Calm	SW	Calm	48.3	40.2	41.2	31.1	160.8	4	Ci.	S.-Cu. SW	7	A.-Cu. W	Cu.
28	SW	Calm	SW	SW	Calm	Calm	34.9	52.5	57.1	24.4	168.9	9	A.-Cu.	S.-Cu. SE	10	Ci.-S.	S.-Cu. SW
29	SW	SW	Calm	WNW	SW	SW	28	29	-----	-----	------	8	A.-Cu. S	S.-Cu. S	10	Ci.-S.	N. W
30	SW	SW	W	NE	W	SW	58.5	34.3	42	47	181.8	9	Ci.	S.-Cu. SE	8	Ci.	Cu. W
31	SW	SW	Calm	NW	Calm	Calm	65.7	45.7	67.8	40.4	219.6	8	Ci.-S. E	S.	9	Ci.-S. SE	Cu. NW
Mean	------	------	------	------	------	------	54.7	63.7	73.4	49.9	244.3	7.4	------------	------------	8.6	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.16	55.59	56.27	54.43	54.01	54.89	24	23.1	28.9	30.2	28.1	25	31	22.7	93	95	71	66	77	88	------
2	53.65	53.13	52.86	51.39	51.13	52.90	24.6	24.9	28.5	29	27.5	25.9	30.3	23.7	92	87	74	78	76	84	2.8
3	51.49	50.21	50.94	49.41	50.08	50.81	24.9	26	27	27	26	26	27.5	24	90	84	81	83	90	82	18
4	50.09	51.20	52.73	52	53.02	54.95	26.4	25.5	26.5	27.1	25	24.8	28	23.7	82	89	79	78	90	87	26.9
5	55.11	55.50	56.54	55.39	56.54	58.36	24.1	24.7	28.7	30	26.1	25.5	30.7	23.5	91	92	73	65	87	91	10.4
6	57.47	57.47	58.57	56.67	57.56	59.21	25	24	29.6	30.8	28.6	25.9	31.7	23.1	96	91	75	65	80	95	------
7	57.91	57.92	58.49	56.75	57.26	58.20	24.6	24.6	30	32	28.3	26.1	32.9	24	97	96	63	55	75	89	------
8	57.45	57.32	57.56	55.66	56.49	56.74	25	24.5	30.5	31	28.4	26.6	33	23.9	92	92	67	72	74	76	------
9	55.76	55.75	56.36	54.46	55.59	55.34	27	26.9	30	27.1	24.1	25.4	31.2	23.6	77	78	66	81	92	84	16.5
10	54.36	54.33	55.04	53.15	53.83	54.94	26.3	26.6	26.1	26	25.3	25.2	26.6	24.2	85	83	83	85	91	92	7.7
11	54.52	54.55	55.16	54.87	55.82	57.76	24.9	23.9	24.7	26	25.1	24.2	26.2	23.2	94	95	88	84	93	94	3.8
12	56.90	57.24	58.34	57.13	58.34	60.18	24	23.9	29.5	30.2	28.5	26	31.8	23.1	92	92	78	72	80	87	------
13	59.05	59.18	59.62	57.76	57.85	60.14	24.8	24	29.8	31.9	29.5	25.8	33.1	23.3	97	97	67	62	85	85	------
14	59.47	59.06	60.20	58.28	57.91	58.52	25	25	25.5	26.5	26.4	25.6	27.9	24.6	89	88	92	90	86	93	7.1
15	57.21	57.16	57.25	55.87	55.84	57.21	24.6	24.4	29	30	27.4	26.7	31.1	23.7	93	92	78	74	80	83	------
16	56.16	56.11	56.88	55.55	56.74	57.87	26.7	26.5	29.6	31.5	28.2	27.1	32.2	26.2	81	84	69	65	74	76	------
17	57.78	58.24	58.64	57.35	58.13	59.53	26.5	26	30.4	32.1	29	26.4	33.2	24.9	90	90	69	62	80	94	------
18	58.32	58.94	59.67	57.66	58.69	59.45	24.7	23.7	29.9	31.6	28	26	32.4	23	92	94	68	62	85	95	------
19	59.12	59.35	60.46	58.43	58.77	60.21	24.9	24	28.1	29.8	28.4	28	30.8	23.5	92	96	82	75	80	82	1
20	58.72	58.97	59.92	57.71	57.91	59.11	26	24	27.8	28.7	26	24.5	29	23.4	85	95	80	77	87	96	3
21	57.68	57.63	58.29	56.43	57.24	58.46	24.4	23.6	28	29.4	28	25.4	30.8	23	95	96	79	76	80	87	------
22	57.78	57.88	58.87	57.38	58.29	60.14	24.1	23.5	29	30.9	28	26	31.4	22.9	95	95	76	65	82	94	------
23	59.15	59.78	60.24	58.42	59.25	60.28	24.2	23.2	29	30	28.5	28	30.9	22.8	95	97	74	71	78	84	2
24	59.55	59.47	60.42	58.61	58.98	59.77	24.9	24	27.9	28.2	28	28	29.8	23.5	92	96	82	82	82	81	1.8
25	58.71	58.96	60.19	58.24	58.92	59.94	27	26.5	27	25.9	26.1	26.6	27.8	24.4	81	82	84	93	91	87	18
26	58.95	58.86	59.69	57.68	58.58	60.19	26.8	26.8	29.2	29.7	28.5	28	31	26.2	86	87	79	75	81	84	8.1
27	59.21	59.72	60.58	59.03	59.27	60.46	27.2	26.4	29.5	30	28.4	28	30.8	24.4	83	86	75	75	82	83	------
28	59.24	59.25	60.43	58.31	58.63	60.29	27.3	27.3	26.8	28.5	28	27.5	30.5	26.3	84	83	86	76	81	82	3.8
29	58.90	58.86	59.81	57.88	58.22	59.39	27.3	26.7	27.6	28.1	24.4	24.1	29.2	23.4	82	86	81	78	94	91	19.5
30	58.63	58.18	59.34	57.35	57.59	58.68	23.9	27.1	28	30	28.2	27	30.4	23.6	97	87	80	75	82	88	21.3
Mean	57.15	57.19	57.98	56.31	56.88	58.13	25.4	25	28.4	29.3	27.3	26.2	30.4	23.9	89.7	90.2	76.6	73.9	83.2	87.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	171.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	NW	N	NW	SW	52.3	89.6?	70	48	259.9	3	Ci.	Cu.	9	Ci.-S. SE	Cu. NW
2	SW	SW	SW	SW	SW	Calm	58.1	75.1	42.1	42.6	217.9	10	Ci.-S.	S.	10	Ci.-S.	Fr.-N. NW
3	SW	SW	SW	SW	SW	SW	71.1	135.8	149.9	163.1	519.9	10	Ci.-S.	S. W	10	Ci.-S.	S.-Cu. WSW
4	SW	S	S	S	S	S	131.5	131.8?	122.5	98.5	484.3	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	N. SW
5	S	S	S	S	W	SW	39.4	85.8	69.2	42	236.4	10	Ci.-S.	N. SW	10	A.-Cu. SW	Cu. WSW
6	Calm	Calm	SSW	SSW	SW	SW	31.6	57.1	74.8	32.5	196	7	A.-Cu. SW	S.-Cu. SW	4	A.-Cu. W	Cu.
7	SW	Calm	SW	SW	Calm	SW	40.8	57.4	57.7	43.8	199.7	2	Ci.-Cu. NE	------	8	A.-Cu. E	Cu.
8	SW	SW	SW	Calm	SW	WSW	52.5	69.2	61.5	101.2	284.4	10	A.-Cu. NE	S.	8	Ci.	S.-Cu. W
9	WSW	SW	SW	SW	SW	SW	75.1	122.6	103.8	108.8	410.3	10	Ci.-S.	S. W	10	Ci.-S.	N. W
10	SW	WSW	SW	SW	SW	SW	93.5	140.5	86.3	64.7	385	10	Ci.-S.	S.-Cu., N. W	10	Ci.-S.	N. SW
11	SW	Calm	SW	SW	Calm	SW	35.1	86.9	52.5	39.6	214.1	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. SW
12	SW	SW	S	SW	Calm	SW	49.9	62.8	62.3	30.6	205.6	10	Ci.-S.	S.	5	Ci.-S. ENE	Cu. SW
13	SW	SW	NW	Calm	Calm	SW	51.5	39.4	20.4	51.7	163	1	------	S.	5	Ci.	Cu. SW
14	NW	SW	E	Calm	SW	SW	64.7	44.6	32.7	50.5	192.5	8	Ci.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
15	SW	Calm	SW	NW	SW	SW	37.2	30.6	60.4	92.7	220.9	10	Ci.-S.	S.	10	Ci.-S.	S.-Cu. WNW
16	SW	SW	SW	SW	Calm	SW	127.1	105.1	84.8	74.5	391.5	10	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	Cu. SW
17	Calm	SW	SW	SW	Calm	SW	43.2	50.2	53.6	24.4	171.4	8	A.-Cu. SW	Cu.	9	Ci.-S.	Cu. SW
18	SW	SW	SW	Calm	SW	SW	50.2	33.2	31.9	54.1	169.4	9	Ci.-S. NE	Cu.	9	Ci.-S.	S.-Cu. SW
19	SW	SW	NW	NW	N	NE	61.2	37	92	73.5	263.7	8	Ci.-S. ENE	S.-Cu. NE	8	A.-Cu. E	Cu.
20	NE	SW	N	N	Calm	NW	47.8	99.8	76.2	32.5	256.3	9	A.-Cu.	S.-Cu. NNE	8	Ci.-S.	Cu. NE
21	W	SW	NW	NW	NNW	W	40.2	48.1	96.3	39.2	223.8	8	Ci.	S.-Cu. NE	4	Ci.	Cu. N
22	SW	SW	Calm	N	Calm	SW	74.2	37.8	32.8	51.2	196	3	Ci.	Cu.	5	Ci.	Cu. SE
23	SW	SW	NE	NW	NE	NE	61.2	47.7	70	44.6	223.5	7	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
24	SW	SW	NW	NW	NNE	NE	53.4	84	147.9	106.2	391.5	7	Ci.	S.-Cu. NE	8	Ci.	S.-Cu. NE
25	NE	NE	N	E	N	N	46.4	98.8	72.7	73	290.9	9	Ci.	S.-Cu. E	10	Ci.-S.	N. NE
26	N	NE	Calm	NW	N	N	105.6	44.8	93.5	83.9	327.8	8	A.-Cu. NE	S.-Cu. NE	5	Ci.-S.	Cu. E
27	N	NW	Calm	N	N	N	57.4	42.4	111.5	------	------	4	Ci.	Cu. NE	9	A.-Cu.	Cu. NNE
28	NE	NE	N	N	N	NE	------	------	105.1	72.1	------	1	Ci.	Cu. E	6	Ci.	S.-Cu. NE
29	N	NW	NW	N	SW	SW	101.2	78.9	89	------	------	8	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. N
30	N	N	NE	NW	NE	NE	------	67.3	99.2	36.2	------	9	Ci.	N. NE	4	Ci.	Cu.
Mean	------	------	------	------	------	------	62.6	72.6	77.4	63.4	272.9	7.6	------	------	8	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.05	58.32	59.47	57.30	57.11	58.91	24.7	24.2	29.2	30.5	28.4	25.4	31	23.6	94	94	76	68	78	91	------
2	58.21	58.61	59	56.91	57.45	58.62	24.7	24.8	28.2	30.3	28.8	28	30.8	23.9	93	93	74	68	80	84	------
3	58.06	58.11	59.51	57.20	58.05	59.08	25.1	24.8	25.9	26.6	27.4	27.5	28.7	24.1	95	96	91	86	83	84	27.8
4	58.51	59.15	60.07	57.62	58.72	59.87	24.4	25	26	28.2	28	27.5	29	23.7	95	92	88	76	71	81	8.4
5	58.42	58.77	59.55	57.86	58.86	59.27	24.3	24	25.1	26.3	25	25.4	27.8	23.4	94	95	91	88	95	93	34
6	58.16	58.16	59.15	56.98	57.90	59.41	26	24	26.5	26.5	26.9	24.3	28.4	23.3	90	96	86	86	86	91	4.1
7	58.42	58.71	59.90	57.66	58.76	59.52	23.5	22.9	27.5	29.7	28	27.4	30.1	22.3	97	98	80	71	79	81	------
8	58.17	58.71	59.78	57.46	58.17	58.72	27	26.9	28.5	29.5	28	28	30	23.7	89	83	76	70	79	77	------
9	57.57	57.61	57.99	55.92	56.38	57.80	27.6	24.8	27.2	27	28	27	28.8	24	79	93	80	81	79	84	12
10	56.35	55.95	56.85	55.28	55.20	56.11	26	26.1	27.4	26	27	25.4	28.2	24.8	86	86	81	89	82	94	33.5
11	54.41	54.48	55.25	53.84	53.63	54.51	25	25.4	24.2	25	25	22.7	26.2	22	93	88	90	92	85	93	69.9
12	53.86	53.11	54.06	52.42	52.83	53.79	22.9	23.4	24.2	25	24.1	24	26	22.2	90	89	93	93	91	91	39
13	52.04	51.48	52.09	50.71	51.61	53.07	24.2	25.4	27.3	27.4	25.9	26.2	27.8	23.5	96	89	84	79	89	86	4.3
14	51.10	51.83	52.88	51.45	52.13	53.17	26	25.6	25	26	25.1	25.5	26.6	24.2	86	88	90	89	91	88	22.6
15	52.53	53.03	54.93	53.81	55.17	57.12	24.8	24.9	29.7	31.9	27.5	26	32.2	23.9	92	94	72	64	77	84	------
16	56.66	57.42	58.68	57.07	57.56	59.27	24.4	24.1	30	26.9	26	24	31.2	23	95	94	68	83	85	95	1.3
17	58.88	58.69	59.73	58.18	59	60.67	23	22.1	25.2	26.6	24.4	24.4	27.9	21.6	93	96	85	86	95	92	6.4
18	59.98	60.09	61.05	58.70	59.70	60.37	24.6	24.4	25	26.6	25.5	25.9	27.8	23.8	86	88	88	80	84	85	2.8
19	59.73	60.34	61.23	59.07	60.08	60.90	25.9	24.7	27	27.4	24.5	25	28.9	23.6	89	94	80	80	92	92	13.5
20	59.75	60.37	61.50	59.56	60.38	61.63	25.8	25.9	25.9	27.6	27	26.7	28.4	24.8	85	88	88	76	80	83	15.7
21	60.35	60.15	61.09	59.16	59.19	60.09	26.1	26	28.5	28.6	26.9	26.5	29.9	24.8	82	84	77	73	76	80	------
22	59.40	59.39	59.93	58.04	58.12	59.44	24.5	22.9	27.6	29.2	26.9	24.4	29.6	22.1	97	95	76	72	86	93	6.1
23	58.90	58.88	59.99	58.24	59.03	60.75	24.8	25.6	27.5	27.5	27	26.9	28.4	23	93	87	84	81	72	71	1.8
24	60.04	59.97	61.25	59.68	60.83	62.04	26	26	27.6	28	26.5	26.6	28.4	24.9	76	76	68	68	74	71	------
25	61.02	60.97	62.12	60.21	60.63	61.75	26.3	26	27.5	27.7	26.4	26.4	28.3	22.2	74	76	62	62	70	66	------
26	60.44	60.51	61.07	58.82	59.18	60.34	21.3	25.5	27.9	28	27	26.1	29	20.3	91	67	57	58	74	76	------
27	59.06	59.90	60.83	58.64	59.46	61.19	26	22.4	28	29.1	27	26.6	29.5	21.8	75	93	71	71	79	80	------
28	60.12	60.75	62.13	60.50	60.77	62.22	26	25.7	24.3	25	25.6	26.5	26.9	24	80	83	93	82	86	76	56.2
29	61.04	61.02	62.18	59.88	60.34	61.84	26.6	26	27.2	27	26.9	26.5	27.8	24.8	78	84	80	80	81	80	2.3
30	61.02	61.02	61.58	59.32	59.74	60.77	26.2	26.2	28	28.6	27	26.8	29.2	25.7	81	82	76	71	80	86	------
31	59.58	59.67	60.89	59.69	59.99	60.92	26.4	25.5	27.7	27.3	26.8	26.1	28.4	24.8	82	86	82	84	88	86	2.3
Mean	58.06	58.23	59.22	57.33	57.93	59.13	25.2	24.9	27	27.6	26.6	26	28.7	23.5	87.9	88.6	80.2	77.6	82.2	84.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	364

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	W	NW	NW	N	N	45.6	64.2	65.8	37.6	213.2	7	Ci.	S.-Cu. N	5	Ci. NW	Cu.
2	W	Calm	NW	NW	NE	NE	50.2	56.8	77.8	57.7	242.5	9	Ci.-S.	S.-Cu. NE	4	Ci.	Cu.
3	W	Calm	NW	N	NE	N	46.4	55	83.7	78.9	264	6	Ci.	S.-Cu. NE	9	Ci.-S.	S.-Cu. N
4	SE	NW	Calm	NW	NE	N	55.7	71.1	96.9	76.4	300.1	10	Ci.	N.	5	Ci.	Cu. N
5	SW	SW	Calm	NW	NE	NW	45.4	55.8	90.1	95.6	286.9	9	Ci.	N. NW	9	A.-Cu.	S.-Cu. N
6	NE	E	NW	NNW	N	Calm	79.4	55.2	110	------	------	10	Ci.-S.	Fr.-N. NE	9	A.-Cu.	S.-Cu. NE
7	W	W	N	N	NE	NE	43.3	53.9	96.8	42.4	236.4	3	Ci.	Cu.	5	Ci.	Cu. NE
8	NE	N	N	NE	NE	N	48	102.7	104.4	95.5	350.6	5	Ci.	S.-Cu. NNE	5	Ci.-S.	Cu. N
9	N	W	NW	N	N	N	67.4	78.4	102	100	347.8	6	Ci.	S.-Cu. N	10	Ci.-S.	S.-Cu. N
10	NW	NW	N	N	N	NW	92.3	118.8	126	69	406.1	8	Ci.	S.-Cu. N	10	Ci.-S.	N. N
11	Calm	NW	NW	NW	NW	SW	60.6	94.1	164.4	90.6	409.7	10	Ci.-S.	N. NW	10	Ci.-S.	N. NW
12	SW	SW	SW	Calm	SW	SW	103.5	85.8	71	66	326.3	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. NW
13	SW	WSW	SW	SSW	SW	SW	61.4	108.1	121.7	102.2	393.4	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. SW
14	S	SSW	SSW	SW	Calm	SSW	108.9	97.9	55.3	43.3	305.4	10	A.-Cu. S	S.-Cu., N. SW	10	Ci.-S.	S.-Cu. SW
15	SW	SW	SW	SW	SW	SW	60.9	79.5	100.1	78.6	319.1	9	A.-Cu.	Fr.-N. SW	7	Ci.-S.	Fr.-Cu. W
16	SW	SW	SW	SW	SW	SW	58.2	44.5	65.8	67.1	235.6	7	A.-Cu. W	S.-Cu. W	9	A.-Cu.	Fr.-N. W
17	SW	SW	N	NE	Calm	N	73.8	81.9	49.7	83.7	289.1	7	Ci.	S.-Cu. NNW	10	Ci.-S.	N. NE
18	N	Calm	N	N	N	N	65.2	41.3	104.6	88.5	299.6	10	Ci.	N. N	10	A.-Cu.	S.-Cu. NNE
19	N	N	Calm	NW	Calm	NW	58.7	48.3	104.9	69.7	281.6	10	Ci.-S.	N. NE	5	A.-Cu.	Cu. NE
20	N	NE	N	NNE	NE	NE	99.2	93.1	118.6	90.1	401	6	Ci. SW	S.-Cu. NE	8	A.-Cu. NE	Cu. NNE
21	NE	NE	NE	NE	NE	NE	85.3	71.9	122.8	97.4	377.4	6	Ci. N	S.-Cu. NNE	8	Ci.	Cu. N
22	N	W	NW	W	Calm	W	39.9	57.9	68.1	35.6	201.5	3	Ci.	Cu.	8	Ci.-S. E	Cu.
23	SW	N	N	NE	NE	NE	53.4	150.7	259.9	255.3	719.3	9	Ci.-S. E	S.-Cu.	8	Ci.	S.-Cu. N
24	N	N	N	N	NE	NE	218.7	239	206.6	147.5	811.8	9	Ci.	S.-Cu. NNE	4	Ci.	Cu. NNE
25	NE	NE	NE	NNE	NE	NE	96.3	192	149.7	88.2	526.2	10	Ci.-S.	S.-Cu. NNE	8	Ci.-S.	Cu. NE
26	W	N	N	NNE	NE	NE	68.1	159	148.7	113.8	489.6	1	Ci.	Cu.	5	Ci.	Cu. NE
27	NE	W	Calm	NNE	N	NE	52.6	39.7	160.6	136.3	389.2	4	Ci.	S.-Cu. NE	4	------------	Cu. NE
28	NE	N	SE	NE	N	NE	99.6	127.3	167.6	185.3	579.8	8	Ci.-Cu.	S.-Cu. NE	10	Ci.-S.	N. NNE
29	NE	N	N	N	N	N	172.5	157.5	160.4	165.2	655.6	8	A.-S.	S.-Cu. NNE	9	A.-Cu.	S.-Cu. NNE
31	N	N	N	NE	N	N	148.3	149.1	145.1	113	555.5	5	------------	S.-Cu. NNE	8	A.-Cu. NE	Cu. NE
30	NE	N	NE	NW	N	NE	58.5	67.3	101.1	63	289.9	8	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	78	93.5	116.1	94.4	383.5	7.5	------------	------------	7.8	------------	------------

ATIMONAN.[a]

[$\phi=14°$ 00′ N; $\lambda=121°$ 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.73	60.30	61.28	59.67	60.04	61.73	26.4	24.1	27.8	27	26.5	26.4	27.8	23.5	88	96	82	84	82	84	------
2	60.44	60.40	61.07	59.17	59.98	61.19	26	26.4	26.5	27.9	27	26.6	29.3	25.5	89	86	88	82	87	88	------
3	60.37	60.65	61.19	59.27	60.07	61.09	26.4	26.4	28.7	29	27.1	27	29.5	25.7	87	86	80	79	83	84	2.5
4	59.88	60.24	61.52	59.38	60.14	61.04	26.5	25.9	27.2	26.9	26.4	26.9	27.8	25.2	90	92	85	89	91	88	1.6
5	59.90	60.45	62.07	59.76	60.27	61.34	26	23.9	28.5	27.5	27	26.8	28.9	23.3	87	96	80	83	88	93	22.1
6	60.58	60.62	61.43	59.73	60.52	61.18	26.3	25.5	29	27.4	27.3	27.2	29.5	24.9	89	92	81	87	87	90	45.7
7	60.60	60.80	61.94	59.90	60.80	61.90	25.5	26.4	27	27.4	27.1	27.2	27.9	23.7	94	89	87	86	87	87	8.2
8	60.70	60.60	62	59.90	61	62.20	27	26.6	26	26.9	27	26.9	27.9	25	89	90	87	88	86	86	18.1
9	60.70	60.80	62	59.50	60	61	26.5	26	27.7	28	27.1	26.6	28.4	25	89	89	84	83	86	89	------
10	60.30	60.40	62.10	59.50	59.80	61.50	26	26.3	26	28	26.9	25.7	28.2	24.8	90	88	90	75	83	90	28.7
11	59.90	60.10	61.90	59.90	60	62	26	25	26.4	28	27	25.2	28	24.1	92	95	85	74	79	90	9.7
12	60.70	60.70	61.90	60.10	60.70	62	25.5	26	28	28.4	26.5	25.4	28.5	24.6	88	86	77	75	80	86	1.3
13	60.80	60.90	62.50	60.40	60.40	61.50	26.2	26	27.8	27.5	26.4	26	28.1	25	75	76	71	70	73	74	------
14	61	61.20	62.60	60.50	60.60	61.70	25.9	25.6	27	27.4	26.5	26.4	28	23.9	72	70	61	61	68	66	------
15	60.70	61	62.40	60.90	61.20	62.90	26	26.1	27.4	25	25.1	25	28.6	23.6	72	72	68	83	88	89	12.2
16	61.80	62	62.80	61	61.20	62	25.6	24.3	25.4	25.5	26	26	26.6	23.7	80	89	85	81	78	78	4.8
17	60.90	61.10	62	60	60.90	62	25.6	24.8	27	27.9	26.1	26.2	28.5	23.6	78	79	70	77	74	76	2.8
18	61.40	61.90	63.20	61.10	61.90	62.30	25.5	25.5	27.9	28	26.5	26.6	28.8	24.3	84	84	72	69	82	81	2.3
19	61.50	61.90	63.20	61.50	62.10	63.10	26	26	26	25.6	25.8	25	26.9	24.4	86	88	85	91	89	89	56.6
20	61.80	62.10	63.80	61.50	62	62.40	25	25.6	27	28.8	27	26	29	24.1	93	91	85	80	83	85	11.9
21	62.10	62	63	60.90	61	61.50	25.3	24.5	26	26.5	25.7	26.5	26.7	23.2	86	87	85	88	87	83	24.9
22	61	61	62.50	60.80	61.10	62.10	25.3	25.4	24.4	25.5	26.3	25.7	26.6	23.4	87	88	88	80	82	86	9.7
23	61.40	62	63.20	61.90	63	64	26	26.1	26.7	27	26.4	25.5	27.4	24.4	81	79	82	80	76	83	3
24	62.30	62.40	63.90	62.20	62.60	63.90	25.9	26	27.4	25.5	26.1	25.9	27.8	24.2	76	69	70	84	73	69	1
25	62.60	62.50	63.80	61.50	61.50	62	25.7	25.7	27.4	27	26.2	26	27.6	24.5	69	68	64	68	71	76	------
26	60.50	60.50	61.60	59.50	59.30	59.90	25.9	25.9	27.8	28	26	24.5	28.8	24	74	72	67	65	75	88	21.3
27	58	56.80	58	55.20	57.20	59	25	24.4	25	24.7	23.9	23	26	22.5	89	93	95	90	95	97	107.2
28	58.10	58.50	60.40	58.80	59	60	22.6	22.4	25.8	28	26.9	26.2	28.6	22	95	96	87	80	85	87	10.7
29	59.30	59.20	60.10	58.90	59	60	26	25.6	26	26.3	25.8	25.5	27	24.4	89	92	89	86	88	89	31.8
30	59.30	59.90	61.10	59.80	60	60.90	25.5	24.4	26.3	28.1	26.3	25.9	28.7	23.6	87	91	89	76	86	86	6.1
Mean	60.61	60.77	62.02	60.07	60.58	61.65	25.8	25.4	26.9	27.2	26.4	26	28	24.1	84.8	85.6	80.6	79.8	82.4	84.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	444.2

Day.	Wind.											Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	E	NE	N	NE	NE	42.3	90.9	126.6	80.2	340	7	Ci.-S. NNE	Cu.	10	Ci.-S.	S.-Cu. NE
2	NE	NE	NE	N	N	N	98.2	100.6	138.1	84.3	421.2	9	A.-S.	S.-Cu. NE	9	Ci.	S.-Cu. NE
3	NE	NE	NE	N	NE	NE	53.7	79.9	124.9	88.3	346.8	6	A.-Cu. ENE	S.-Cu. NE	7	Ci.	Cu. NE
4	N	N	NE	N	N	NE	88.3	84.5	106.4	100	379.2	9	Ci.	N. NE	10	Ci.-S.	S.-Cu. NE
5	Calm	Calm	NE	NE	N	N	22.8	35.2	108.6	123.3	289.9	3	Ci. ENE	S. NE	10	Ci.-S.	N. NE
6	NE	NE	NE	NE	NE	NE	75.3	104	128.2	94.4	401.9	9	Ci.	S.-Cu. NE	10	Ci.	N. NE
7	ENE	NE	NE	NE	NE	NE	60.4	110.7	130.4	183.2	484.7	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
8	NE	NE	NE	NE	NE	NE	146.4	138.2	187.2	136.8	608.6	10	Ci.	N. NE	10	Ci.-S.	N. NE
9	NE	NE	NE	NE	NE	NE	99.8	139	142.6	99.3	480.7	9	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
10	NE	NE	NE	NE	NE	NE	101.4	110.7	------	89.3	------	10	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
11	NE	NE	NE	NE	NE	NE	93	145.9	188.5	119.6	547	10	Ci.	N. NE	6	Ci.	Cu. NE
12	NE	NE	NE	N	NE	NE	103.8	92.2	137	109.7	442.7	6	Ci.	S.-Cu. ENE	7	Ci.	Cu. NE
13	NE	NE	NE	NE	NE	NE	139.7	158.8	183.2	173	654.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
14	NE	NE	NE	NE	NE	NE	163.7	211.9	250.8	239.3	865.7	9	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
15	N	N	N	N	N	NE	203.4	214.4	210.5	163.2	791.5	7	A.-Cu. NE	S.-Cu. NE	8	A.-Cu. NE	S.-Cu. N
16	NE	NE	N	N	NE	NE	210.3	191.8	164.5	164.5	731.1	8	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
17	NE	NE	NE	N	NE	N	165.6	157.9	135.5	101.1	560.1	9	Ci.	Fr.-N. NNE	4	A.-Cu. ENE	Cu. NE
18	N	N	NE	NE	N	NE	101.1	118.3	158.7	160.4	538.5	6	Ci.	S.-Cu. NE	8	A.-Cu. ENE	Cu. N
19	NE	N	NE	N	NNE	NE	136.5	170.9	------	------	------	10	Ci.	S.-Cu. NE	10	Ci.	N. NE
20	NE	NE	NNE	NNE	NE	NE	60.1	91.4	161.2	164.5	477.2	6	Ci.	S.-Cu. NE	6	A.-Cu. E	Cu. NE
21	N	N	N	N	N	N	148.3	180.1	174.6	174.4	677.4	9	Ci.	S.-Cu. NE	9	Ci.	N. NE
22	N	N	NNE	NE	NE	NE	198	274.9	237.7	210.2	920.8	10	Ci.	N. N	9	A.-Cu.	S.-Cu. NE
23	NE	NE	NE	NNE	NE	NE	213	225.9	244	203.9	886.8	9	Ci.-S.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
24	NE	NE	NE	NE	NE	NE	239.6	241.1	261.8	276.2	1,018.7	9	Ci.-Cu.	S.-Cu. NE	10	Ci.	N. NE
25	NE	NE	NE	N	NNE	N	238.8	210.2	238.4	218.4	905.8	4	------	Cu. NE	8	A.-Cu. NE	S.-Cu. NE
26	NE	NE	NNE	N	N	N	216.3	185.7	207.4	222.3	831.7	4	A.-S.	Cu. NE	4	Ci.	Cu. NE
27	NW	NW	NE	SSE	SW	W	264.1	207	66	35.2	572.3	10	------	N. N	10	Ci.-S.	N. S
28	W	W	W	NW	N	NE	38.9	46.2	92.5	110.4	288	2	Ci.	S.	4	Ci.	Cu.
29	NNE	N	N	N	N	NE	123.1	140.5	165.8	114.5	543.9	10	Ci.	N. NE	9	A.-Cu.	S.-Cu. NNE
80	NE	NE	E	NE	NE	NE	105.7	102.8	139.8	131.5	479.8	10	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
Mean	------	------	------	------	------	------	131.7	145.4	164.7	143.8	588.8	8	------	------	8	------	------

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[a] The barometric readings from November 7, 2 p. m., to December 5, 2 p. m., are taken from an aneroid barometer (barocyclonometer).

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.90	60.50	61.50	59.90	60	61	25.3	25.2	25.5	26.5	26.1	25.9	27.4	24.5	91	90	88	83	82	83	2.6
2	59.80	60.50	61.90	60	60.40	61.40	25.1	22	25	25.7	26	25.3	27	21.4	86	96	87	84	85	85	4.1
3	60.20	61.10	63	61	62	62.90	24.9	21.4	26	27.5	26.5	26	28	20.7	84	95	80	73	80	84	------
4	62	62.80	63.40	62.10	62.40	63.40	25.8	25.1	28	28	26.7	26.4	28.8	23.5	81	83	76	74	80	80	3.3
5	62.50	62.90	63.90	62	62.85	63.45	25.7	25	25.1	26	25.5	25.4	26.8	24.1	90	91	91	84	88	88	13.2
6	62.65	62.87	63.85	61.58	62.21	63.08	25.1	24.1	26	26.4	24.6	24.4	27	23.1	83	87	85	86	88	94	10.1
7	61.99	62.31	63.17	60.75	61.66	62.75	25	24.8	27	27.6	26.4	26.1	28	23.9	88	89	80	70	77	79	2.6
8	61.23	61.15	61.81	59.75	61	62.08	25.4	25.4	27.6	26	24.1	26	28.6	24	81	81	79	83	91	82	6.4
9	61.22	61.25	62.43	60.66	61.05	62.17	26	25.7	26.5	26.8	26.2	25.8	27.7	25.1	84	84	79	80	82	85	2.8
10	61.41	61.50	62.66	60.80	61.36	62.52	26	26	27.7	28.1	26.6	26.5	28.8	24.9	84	84	72	75	80	78	11.2
11	61.21	60.66	61.43	59.02	59.75	61.10	24.4	25	27.5	28.7	27.1	26.7	29.5	23.8	93	92	80	79	84	90	------
12	60.25	60.48	61.70	58.86	59.80	60.72	26	25.7	28.3	28.4	27	26	29.4	25.1	89	88	78	75	85	92	2
13	59.48	60.05	61.25	59.65	60.62	61.41	25.7	25.7	28.7	27.8	26.7	26.3	29.3	25.1	91	92	79	79	84	84	5.8
14	60.03	60.03	61.25	59.22	59.95	60.75	26	25	25.6	26	25.7	25.5	26.4	24.3	84	88	87	86	88	88	4.4
15	59.91	59.95	60.31	58.65	59.59	60.46	25.5	25.4	26.7	26.3	26	26	27.9	24.9	89	89	81	94	91	85	6.6
16	59.75	60.62	61.53	59.30	60.16	61.47	25.6	25.9	27.4	27.5	27	26.3	29.2	25	87	88	83	82	83	86	.5
17	60.73	61.15	62.18	60.28	61.41	62.02	26	26	25.4	25.4	24.2	24.4	26.5	23.6	84	82	90	88	94	92	69
18	61.09	61.43	62.36	60.84	62.02	63.23	24.8	23.5	25.1	24.6	25	24	25.5	23	86	95	90	92	85	91	37.9
19	62.56	62.53	63.13	61.41	62.54	63.73	24	23.5	24	24	23.5	23.5	24.8	22.8	91	95	95	94	94	96	86.6
20	63.21	63.24	63.47	61.10	62.28	63.31	23.7	23.7	24.8	26.2	25.2	24.8	26.8	23.3	93	93	94	81	88	90	2.1
21	62.01	62.17	62.82	60.02	60.97	61.60	24.9	24.3	26.6	27.5	26	25.8	28.4	23.9	92	96	85	80	87	88	9.1
22	60.57	60.63	61.26	58.74	59.57	60.50	24.6	25	25.4	26.1	25.8	25.7	26.8	23.9	92	91	89	88	91	90	2.6
23	59.78	60.01	61.33	59.30	60.32	61.17	25.3	24.9	25	25.1	25.2	25.9	25.9	24.2	91	92	95	91	88	85	1.6
24	60.59	60.71	61.85	59.41	59.67	60.40	25.8	25.8	26.2	26.8	26	25.8	27.3	24.2	84	84	84	77	82	88	5.1
25	59.20	59.22	60.69	58.77	59.13	59.91	25	25	25.1	25	25.5	25.8	25.8	23.8	91	91	92	90	91	87	15.5
26	58.95	59.49	60.57	57.96	58.36	59.86	24.9	24.8	26.6	27.5	26.9	24.6	28.4	23.4	92	91	81	78	88	95	------
27	58.99	59.56	60.47	59.44	60.03	61.14	23.1	22.6	25.7	24.4	24.2	24.7	25.9	21.9	96	96	76	91	92	92	9.9
28	60.56	61.13	61.87	60.11	61.51	62.31	24.4	24.5	27	27.1	23.5	25	28.4	23	86	83	74	72	87	77	------
29	62.07	62.99	63.60	61.62	62.46	63.91	24.8	24.8	26.7	25.4	25.3	24.5	26.8	23.9	79	80	75	85	85	92	7.6
30	63.03	63.41	64.47	63.19	63.98	65.55	24.4	24.6	24.4	24.5	24.4	24	25.4	22.8	91	92	95	92	95	91	8
31	64.71	64.74	65.41	63.84	65.12	66.27	24	23.8	25.7	24.1	23.7	23.2	25.8	22.5	90	91	80	91	91	96	17.3
Mean	61.02	61.33	62.28	60.30	61.10	62.12	25.1	24.7	26.2	26.4	25.6	25.4	27.4	23.7	87.8	89.3	83.9	83.1	86.6	87.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	347.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NE	97.1	150.3	157.2	106.8	511.4	9	Ci.	N. NE	9	A.-Cu.	S.-Cu. NE
2	NE	N	N	N	NE	NE	41.8	54.4	66	82.4	244.6	8	Ci.	S.-Cu. NNE	9	Ci.	Cu. NNE
3	NE	NE	N	NNW	N	NE	36	44.1	122.5	94.4	297	1	------------	S.	4	Ci.	Cu. NE
4	N	N	NEbyN	NE	NE	NE	60.4	96.6	155	121.5	433.5	5	Ci.	S.-Cu. NE	6	Ci.	Cu. NE
5	NE	N	N	NW	NW	NW	119.1	147.6	184.6	161.9	613.2	9	Ci.	N. NE	9	A.-Cu. NE	S.-Cu. NNE
6	N	NE	NbyE	NE	NE	NE	131.4	137.3	140.2	104.6	513.5	7	Ci.-Cu.	S.-Cu. NE	10	A.-Cu. E	N. NE
7	NE	NE	NE	NE	NE	NE	101.4	133.8	202.6	163.1	600.9	8	Ci.	N. NE	1	------------	Cu.
8	NE	NE	NE	SE	E	NE	93.9	111.8	128.5	70.6	404.8	4	A.-S.	S.Cu.	9	A.-Cu.	S.-Cu. E
9	NE	NE	NE	NE	NE	NE	102	166.1	225.1	195.2	688.4	9	Ci.	S.-Cu. NE	8	A.-Cu. ENE	S.-Cu. NE
10	NE	NE	NE	NE	NE	NE	170.6	121.2	191	172.4	655.2	4	------------	S.-Cu. NE	3	Ci.	Cu. NE
11	NE	NE	NE	NE	NE	NE	102.7	51.8	103.3	100.8	358.6	8	A.-Cu. E	N. NE	4	Ci.-Cu.	Cu. ENE
12	NE	NE	NE	NE	NE	NE	52	58.2	125.2	96.1	331.5	3	Ci.	S.-Cu. ENE	7	A.-Cu. ENE	Cu. ENE
13	NE	NE	NE	NE	NE	NE	42.4	77.9	182.9	------	------	4	Ci.	S.-Cu. E	9	Ci.	S.-Cu. NE
14	NE	NE	NE	NNE	NE	NE	194.7	206.5	184	96.6	681.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
15	NE	NE	NE	N	NE	N	91.4	100.1	123.9	84.8	400.2	10	Ci.-S.	S.-Cu. NE	10	A.-Cu. ENE	S.-Cu. NE
16	N	N	N	N	NE	NE	71.4	44	96.1	118.9	330.4	9	A.-Cu. E	S.-Cu. E	8	Ci.-S.	Cu. NE
17	NE	NE	NE	N	NE	NE	152.1	166	144.5	145.9	608.5	7	Ci.	S.-Cu. NE	10	Ci.-S.	N. NE
18	NE	NE	NE	NE	NE	NE	185.7	179.4	217	209.5	791.6	10	------------	N. NE	10	Ci.-S.	N. NE
19	NE	NE	NE	NE	E	NE	160.7	120.1	145.3	78.9	505	10	------------	N. NE	10	------------	N. NE
20	NE	NE	NE	NE	NE	NE	103.2	123.6	173.8	69.4	470	10	Ci.-S.	S.-Cu. NE	10	A.-Cu. ENE	S.-Cu. NE
21	Calm	NE	Calm	NE	NE	N	46.9	26.9	103.6	106	283.4	8	Ci.	S.-Cu. NE	9	Ci.-S. E	S.-Cu. NE
22	N	N	N	N	NE	NE	95.3	94.8	98	61.4	349.5	10	Ci.-S.	S.-Cu. N	9	A.-Cu. NNE	S.-Cu. N
23	N	N	NW	N	NNE	NE	46.5	82.9	130.2	135.2	394.8	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
24	NE	NE	N	NNE	N	N	153.9	203.9	237.1	193.9	788.8	4	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
25	N	N	N	N	N	N	168.5	199.1	------	------	------	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
26	NW	NW	NW	NW	NW	NW	------	------	66.3	40.2	------	9	Ci.	S.-Cu. NNW	8	Ci. ENE	Cu. NNW
27	NW	NW	Calm	NE	NW	NE	51.2	51.7	98.2	------	------	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
28	NE	NE	NE	NE	NE	NE	------	146.6	226.1	118.3	------	8	Ci.	S.-Cu. NE	5	A.-Cu. NE	Cu. NE
29	NE	NE	NE	NE	NE	NE	105.6	156.7	188.9	155.3	606.5	2	Ci.	S. NE	10	Ci.-S.	S.-Cu. NE
30	NE	NNE	N	NE	NE	NE	108.9	153.9	168.4	175.9	607.1	10	Ci.	N. NE	10	Ci.-S.	N. NE
31	NE	NE	NE	NE	NNE	NE	216.2	219.7	225.3	233.9	895.1	10	Ci.	N. NE	10	Ci.	N. NE
Mean	------	------	------	------	------	------	107	120.9	153.7	124.8	514	7.5	------------	------------	8.3	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5[a] meters; gravity correction not applied, —1.74 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.02	61.02	62.39	60.21	60.45	61.94	24.5	23.1	27.6	29	26.1	25.5	30	22.4	79	90	69	62	73	74	------
2	60.73	61.29	62.04	59.52	59.53	60.93	25	24.2	28.6	31	26.5	24.6	31.4	23.6	76	74	60	55	60	75	------
3	59.72	60.18	61.26	58.60	58.46	60.42	25	22.5	29	31.5	27	26	33	20.9	73	87	59	57	70	76	------
4	59.40	60.29	61.39	58.72	58.73	60.14	25	23.6	28	30	26	25.3	31.3	23.3	76	83	67	57	76	77	0.5
5	59.39	59.52	60.52	58.41	58.89	60.13	24.6	24	30.5	28.5	26	25.6	32.4	23.4	81	84	56	68	76	79	------
6	59.05	59.55	60.58	58.06	57.69	60.08	24	23.5	28.6	31.5	27.5	25.1	32.5	22.6	83	87	68	57	73	83	------
7	59.06	59.07	59.69	57.38	57.82	59.01	24.5	23.5	28.6	27.6	27	23.5	32	22	84	89	68	87	77	92	2.8
8	57.79	57.86	58.95	55.96	56.26	58.04	22.5	21.8	29.1	31	28.6	24.5	33.2	20.5	92	89	65	59	66	84	------
9	57.34	57.14	58.31	55.72	56.02	58.03	23.5	22	28.5	32.5	29.5	25.5	33.1	21.6	92	96	71	58	59	81	------
10	57.66	57.68	59.12	57.12	57.77	59.33	24.5	24	30.6	33.5	28.1	26.5	34.2	22.7	89	91	64	53	65	75	------
11	59.04	58.89	59.81	57.47	57.71	59.59	23.5	23.6	30.6	32	28.2	23.3	33.6	21.9	87	83	55	54	66	84	------
12	58.98	59.06	59.82	56.79	56.57	58.64	22.6	22.5	30.5	33.2	29.5	25.5	33.6	20.8	86	90	59	63	72	80	------
13	58.11	58.70	59.55	56.68	56.89	58.93	24	24.5	31.5	34.5	27.5	23.5	36	22.5	88	87	57	46	81	90	4.6
14	58.50	59.23	60.22	57.46	58.12	60.79	23.5	24	30	32	28.6	26.1	33.6	22.1	90	91	71	54	66	77	------
15	59.84	59.65	59.84	58.02	58.63	59.53	22.2	22	31	32	28.2	26.2	33.4	20.4	90	91	61	57	62	72	------
16	58.80	59.31	60.28	57.62	57.91	59.72	24.5	23.6	30.5	33	28	24.1	33.7	21.2	79	78	53	50	54	70	------
17	59.24	59.70	60.29	57.41	57.60	59.74	22.6	23	31	32	29.5	24.6	33.8	20.8	82	87	53	50	55	75	------
18	58.89	59.12	59.77	57.56	57.80	59.54	25.5	24	30	32	29.5	24	34.6	22.1	88	86	65	54	56	80	------
19	58.56	59.04	59.71	57.65	57.97	59.42	24.6	24.5	30.5	32.5	28.4	26	34.4	23.2	83	81	56	50	62	76	------
20	59.19	59,67	60.57	58.02	58.35	59.97	24.3	24	31	33.6	29.5	23.6	34.4	22.5	86	83	57	51	55	80	------
21	58.86	58.62	58.95	56.35	56.60	58.64	21.1	21	31	32.2	29.5	23	34	19.5	90	87	63	57	53	83	------
22	57.36	57.91	59.97	57.37	56.72	58.43	21.5	20.5	29.4	32	29.5	25	33.5	20	88	95	62	55	59	73	------
23	57.51	57.91	58.77	56.80	57.35	59.30	21	20.6	31	33	28	23.5	33.5	19.9	86	94	59	51	59	75	------
24	58.86	59.50	60.89	58.57	58.50	60.57	23	21.5	30	34	29.6	24.5	35.1	21	88	94	65	56	55	76	------
25	60.03	60.84	61.82	58.96	59.02	60.86	22.2	21	30.9	33.5	28.9	26.1	34.5	21	86	91	51	48	52	68	------
26	59.92	60.34	61.39	59.12	59.08	60.82	24	21.5	30.8	32.5	28	25	34.4	20.8	78	87	46	50	60	77	------
27	60.03	60.79	61.61	58.99	59.42	61.77	24.5	24	31	32	28.1	22.6	34.6	21.2	84	79	55	46	56	82	------
28	60.87	61.23	62.03	59.32	59.25	61.16	21	23	30.6	32.6	30	23.4	34.5	20.1	91	83	53	46	53	80	------
29	60.04	60.60	61.92	59.58	59.43	61.09	25.2	25	29.4	31.6	29	26.6	33.8	22	82	80	62	54	59	68	------
30	60.27	60.63	61.49	59.27	59.55	61.17	25.5	25.4	30	32.5	28.4	26	33.5	24.6	80	73	59	49	55	73	------
31	60.20	60.34	60.99	58.86	59.18	60.93	25	24	31	28.6	28.1	27	32.2	22.5	80	83	57	66	69	73	------
Mean	59.14	59.51	60.45	57.99	58.17	59.96	23.7	23.1	30	31.9	28.3	24.9	33.5	21.7	84.4	86.2	60.2	55.5	63	77.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	7.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	3	E	1	ENE	4	ENE	4	NE	3	ESE	3	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu.-N. E
2	E	3	ENE	2	ENE	4	ENE	4	E	3	E	1	5	Ci.-S.	Cu. E	4	Ci.-S.	S.-Cu. ESE
3	ENE	1	E	1	ENE	3	ENE	3	E	3	ESE	3	5	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. E
4	ENE	3	ENE	3	E	3	E	3	ENE	3	E	3	9	Ci.-S.	N. ESE	8	Ci.-S.	Cu.-N. E
5	E	2	NE	1	E	2	ENE	3	E	1	ENE	1	5	Ci.-S.	Cu. SE	9	Ci.-S.	N. SE
6	ENE	2	NE	2	ENE	3	E	3	NE	2	ESE	1	7	Ci.-S.	S.-Cu. SE	8	Ci.-S. NNE	N.-cf. SE
7	E	1	ENE	1	ENE	2	E	1	ENE	2	E	1	8	Ci.-S.	Cu. SE	9	Ci.-S.	N. SE
8	NE	1	E	1	ENE	3	NE	2	E	1	E	1	5	Ci.	S.-Cu.	7	A.-Cu. ENE	Cu.-N. SE
9	Calm	----	E	1	E	2	W	2	E	2	E	1	4	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. SE
10	E	2	ENE	1	ENE	2	NE	4	ENE	2	NE	3	4	Ci.-S.	S.-Cu. S	5	Ci.-S.	Cu. E
11	Calm	----	ENE	1	SE	2	ENE	2	ENE	3	Calm	----	4	Ci.-S.	Cu. SSE	5	Ci.-S.	Cu. E
12	Calm	----	ESE	1	E	2	W	1	S	1	Calm	----	4	Ci.	S.-Cu.	7	Ci.-S. SSE	Cu.-N. E
13	Calm	----	E	1	E	1	SE	2	NE	1	E	1	8	Ci.-S.	S.-Cu. ESE	8	Ci.-S.	N.-cf. SE
14	Calm	----	NE	1	S	1	NE	2	ENE	2	Calm	----	4	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. E
15	ENE	1	ENE	1	E	2	ENE	3	E	2	E	3	5	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
16	E	1	ENE	1	ENE	2	ENE	2	E	2	Calm	----	3	Ci.	Cu.	6	Ci.-S.	Cu. SE
17	E	1	ENE	1	E	3	ESE	3	ESE	2	E	1	5	Ci.-S.	S.-Cu. SE	6	Ci.	Cu. ESE
18	NE	1	NE	1	S	2	ENE	3	E	2	ESE	1	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. ESE
19	E	1	ENE	1	E	2	ENE	3	NE	3	NE	3	5	Ci.-S.	Cu. E	4	Ci.-S.	Cu. SE
20	ENE	1	NE	1	E	3	NE	3	ENE	2	E	2	5	Ci.-S.	S.-Cu. SE	5	Ci.-S.	Cu. SE
21	ESE	1	ENE	1	SW	2	W	3	SE	1	E	1	3	Ci.	Cu.	3	Ci.	Cu. SE
22	E	1	ENE	1	WSW	1	SW	2	SE	1	E	1	5	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu. SSE
23	SE	2	ENE	1	NE	2	ENE	3	ENE	1	SE	1	8	Ci.-S.	Cu. SE	5	Ci.-S. SSE	Cu. E
24	Calm	----	NE	1	SW	1	SW	1	E	2	E	1	5	Ci.-S. NE	S.-Cu. SE	7	Ci.-S.	S.-Cu. SE
25	E	1	ENE	1	E	2	NE	4	E	1	NE	2	3	Ci.	S.-Cu.	5	Ci.	S.-Cu.
26	Calm	----	ENE	1	E	2	E	4	E	3	ENE	1	3	Ci.-S.	Cu.	8	Ci.-S.	S.-Cu. ESE
27	Calm	----	ENE	2	ESE	3	NW	3	ENE	3	Calm	----	7	Ci.-S. NE	S.-Cu. E	5	Ci.-S.	Cu. ESE
28	Calm	----	ENE	2	NNE	3	ENE	3	ENE	1	ENE	2	5	Ci.-S.	Cu.	8	Ci.-S.	Cu. SE
29	ENE	2	ENE	3	NE	3	E	3	E	2	E	2	9	Ci.-S. NE	S.-Cu. E	8	Ci.-S.	S.-Cu. E
30	NE	1	ENE	2	E	3	ENE	4	E	3	NE	2	6	Ci.-S.	S.-Cu. SE	5	Ci.-S.	Fr.-Cu. E
31	ESE	1	ENE	1	E	3	NE	3	ENE	2	NE	2	7	Ci.-S.	Cu. E	9	Ci.-S.	N.-cf. E
Mean	------	1.1	------	1.3	------	2.4	------	2.8	------	2	------	1.4	5.5	------	------	6.7	------	------

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[a] This is an approximate height of the barometer above sea level.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.92	60.46	61.04	58.52	58.68	60.18	25.6	22.5	30.1	32	28.5	25.5	34	21.4	81	78	52	49	54	69	------
2	59.16	59.88	60.41	57.47	57.57	59.26	21.5	23.5	31	33	29.5	23	34	20	87	83	53	50	49	76	------
3	58.66	59.14	59.76	57.40	57.23	59.77	20	20	31.5	34	29	25.5	34.6	19.2	87	91	51	47	54	73	------
4	59.46	59.63	60.61	58.34	58.40	60.53	23.9	22	30	32.6	29	23	33.4	21.4	76	82	56	46	55	78	------
5	59.89	60.05	60.52	57.56	57.73	60.24	20.5	21	30.6	33	28	20.5	34.2	20.1	86	91	55	47	47	86	------
6	59.25	59.53	59.72	57.06	56.93	58.93	20	19.5	31.6	32	29.5	24	34.4	18.7	81	86	51	50	53	75	------
7	57.80	58.24	58.93	57.05	57.38	59.53	22.5	23	31.5	31.6	29.5	25	33.5	22	83	87	52	54	59	76	------
8	58.26	58.46	59.83	57.34	57.62	59.97	22.4	22.9	32	32.8	30.5	23.1	35.5	21	88	89	49	48	54	85	------
9	59.10	59.25	60.42	57.68	57.91	60.13	21.8	21.5	29.1	33	29	24.5	34.4	20.1	88	90	61	50	58	71	------
10	58.78	59.34	60.03	57.37	57.28	59.46	23	21.5	30	33.5	30	24	34.7	21.1	83	87	62	48	59	80	------
11	58.45	59.21	59.53	57.02	57.51	59.43	25	24.1	30.6	33.6	30.5	26	34.8	22	81	87	55	47	52	76	------
12	58.59	59.24	59.70	57.42	58.09	60	24.1	25	31.5	34.2	28.5	26.9	35.1	23	82	83	57	52	64	80	------
13	58.89	59.29	59.85	56.98	58.44	59.83	25.4	24.9	31.4	29.9	26	25.5	34.9	24.2	87	88	57	79	84	84	17.2
14	59.29	59.40	60.61	57.68	58.84	59.77	25	24.6	28.6	30.6	27.5	24.6	32	23.7	92	92	77	69	81	90	5.7
15	58.53	58.79	59.46	56.97	57.84	59.59	24	24	29	28.5	27.5	25.1	31.5	23.5	91	95	75	75	81	94	------
16	57.57	58.29	59.61	57.19	57.12	59.63	24	24.5	31.2	30	27.8	25.5	32.1	23.5	96	92	64	71	83	84	------
17	58.50	58.66	59.68	57.44	57.04	59.99	25.4	24.5	30.5	29	26	24.5	34	23.9	88	92	75	74	84	92	------
18	58.97	59.05	60.72	57.79	59.19	60.64	24.9	24.5	26.5	30.6	24	23.5	31.5	23	90	91	93	68	95	96	46.4
19	59.24	59.08	59.66	58.38	59.25	60.50	24.5	23	30.4	27.6	25.5	25	33	22.9	89	95	69	81	85	92	3.8
20	59.35	59.50	60.59	58.15	58.57	60.21	24	24.5	30.5	32.5	30	26.6	33.4	23.6	91	89	63	55	65	80	1
21	59.38	59.69	60.36	58	57.91	60.41	26	24.5	31.5	31.5	30	27	33.4	23.5	84	92	58	57	60	74	------
22	59.15	59.62	60.11	57.88	58.15	59.63	25.5	24.5	31.5	32.5	29	27	34.4	23	84	84	51	53	58	70	------
23	58.63	58.76	59.27	56.95	56.76	58.18	25.5	25	31.5	31.5	28.4	26.9	32.6	24	83	83	51	57	65	74	------
24	57.49	57.84	58.49	56.05	56.77	58.59	25	23	31.5	31	29	27	33.7	22.5	80	88	54	59	58	74	------
25	57.57	57.71	58.09	56.22	56.99	58.83	25.8	25.4	31.6	31.2	29	26.6	32.6	24.8	81	81	60	60	64	77	------
26	58	58.27	59.27	56.74	57.33	58.84	26	28.5	31.4	33.5	28.6	26.5	34.5	25.1	76	60	52	52	66	77	------
27	57.91	58.30	59.13	57.40	57.79	59.15	26	25.5	30	32	27.5	26.3	33.4	24.6	76	80	62	49	73	79	------
28	58.06	58.14	58.74	56.35	57.12	59.06	25.5	25	32	33.9	29	27.3	34	24.4	84	87	54	48	64	71	------
29	57.97	58.55	58.59	56.15	56.42	58.19	26.5	26	31	33	29.4	27	34.1	25.5	73	80	59	52	57	74	------
30	57.15	57.91	58.29	55.50	55.39	57.72	26	25	31.6	33	30.5	27	34.5	24.9	76	88	56	52	54	67	------
Mean	58.63	58.98	59.70	57.27	57.64	59.54	24.2	23.8	30.7	31.9	28.5	25.3	33.7	22.7	84.1	86.4	59.5	56.6	64.5	79.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	74.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	2	E	1	E	1	NE	4	E	2	NE	2	3	Ci.	Cu.	6	Ci.-S.	Cu. E
2	E	1	NE	2	E	2	NE	3	E	2	Calm	----	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu. ESE
3	Calm	----	NE	1	E	3	NE	3	ENE	3	Calm	----	5	Ci.-S.	Cu.	4	Ci.-S.	Cu. E
4	ENE	1	NE	1	NE	2	E	4	NE	1	Calm	----	5	Ci.-S.	Cu. E	6	Ci.-S.	Cu. ESE
5	Calm	----	E	1	W	2	N	4	E	1	Calm	----	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	S.-Cu.
6	Calm	----	E	1	SE	1	SW	2	E	2	Calm	----	5	Ci.-S.	S.-Cu.	8	Ci.-S. NE	S.-Cu. E
7	Calm	----	ENE	1	ENE	3	ENE	1	E	2	Calm	----	6	Ci.-S.	Cu. E	8	Ci.-S.	S.-Cu. E
8	Calm	----	E	1	N	2	ENE	2	E	2	E	1	7	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu. ESE
9	E	1	NNE	1	ENE	3	NE	4	ENE	2	ENE	1	4	Ci.	Cu.	7	Ci.-S.	Cu. E
10	Calm	----	NE	1	W	1	ENE	3	ENE	1	E	1	2	Ci.	------------	7	Ci.-S.	Cu.-N. E
11	ENE	1	E	1	NE	3	NE	2	ENE	1	Calm	----	7	Ci.-S. SW	S.-Cu. E	5	Ci.-S.	Fr.-Cu. ESE
12	Calm	----	NE	1	NNE	3	NE	4	ENE	4	E	2	7	Ci.-S. SW	S.-Cu. E	7	Ci.-S. SE	N.-cf. E
13	NE	2	E	1	ENE	1	W	1	NNE	1	NE	1	8	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu.-N. E
14	Calm	----	SE	1	W	1	W	1	W	2	ESE	2	9	Ci.-S.	S.-Cu. ESE	8	Ci.-S.	Cu.-N. ESE
15	E	1	E	1	SSW	1	S	1	SSW	1	ESE	1	8	Ci.-S. SW	Cu. SE	9	Ci.-S.	S.-Cu. SE
16	Calm	----	NE	1	W	2	SE	1	S	2	NE	1	10	Ci.-S.	N. SW	8	Ci.-S.	N.-cf. SW
17	NE	2	ENE	1	SW	1	N	1	N	1	NE	1	8	A.-Cu.	Cu. SE	10	Ci.-S.	N. SW
18	NE	1	NE	1	W	2	N	1	Calm	----	NE	1	10	Ci.-S.	S. S	8	Ci.-S.	Cu.-N. SSE
19	NE	1	E	1	ENE	2	NE	1	NNE	2	NE	1	6	Ci.-S.	Cu.	10	Ci.-S.	N. E
20	NE	1	NE	1	SE	3	NE	2	E	2	NE	1	7	Ci.-S. NNE	S.-Cu. E	7	Ci.-S.	Cu.-N. E
21	NE	1	NE	2	E	1	NE	2	E	2	NE	1	7	Ci.-S.	S.-Cu. ESE	8	Ci.-S.	S.-Cu. SE
22	NE	1	NE	1	E	2	NE	2	NE	2	NE	1	7	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
23	NE	1	NE	1	E	2	NE	3	NE	2	NE	2	5	Ci.	Cu. E	8	Ci.-S.	S.-Cu. E
24	NE	1	NE	1	ESE	2	NE	3	NE	3	NE	3	4	Ci.	Cu. ESE	8	Ci.-S.	S.-Cu. E
25	NE	1	NE	1	NE	3	NE	3	E	3	NE	3	5	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
26	NE	3	ENE	2	ENE	2	E	3	NE	4	NE	3	5	Ci.	Cu. E	7	Ci.-S.	Cu. ENE
27	NE	3	ENE	2	ENE	3	NE	3	NE	2	NE	2	5	Ci.	Cu. SE	8	Ci.-S.	Cu. E
28	E	2	E	1	E	3	NE	4	NE	4	NE	2	7	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu.-N. ENE
29	NE	3	NE	3	E	3	NE	3	E	3	NE	3	4	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. E
30	NE	2	NE	1	E	1	NE	3	E	2	N	1	5	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
Mean	-------	1.1	-------	1.2	-------	2	-------	2.5	-------	2	-------	1.2	6.2	------------	------------	7.5	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.39	57.24	57.84	55.58	55.65	58.06	25.5	24	30	34.9	30.2	26.5	35.1	23.6	80	87	62	51	55	77	------
2	57.04	57.36	58.07	56.03	56.87	58.87	25.5	25	30	33.6	29.5	27	34.1	23.4	84	80	60	53	61	72	------
3	58.14	58.24	59.37	58.30	58.74	59.87	25.5	25	28	24	24.5	24.6	30.3	23.6	81	84	79	91	92	91	15.1
4	58.35	57.91	58.69	56.90	56.88	58.34	23.6	24	30.5	31.2	28	25	32.5	22.5	90	88	65	61	64	88	------
5	57.21	57	57.97	55.24	56.03	57.40	25	25	30.6	31.5	27.5	26.4	33.2	24	92	87	59	57	70	78	------
6	55.29	55.16	56.18	54.19	53.89	55.47	25.4	26	26.2	26.2	25.5	25.5	29.4	24.9	82	84	84	86	88	84	26.2
7	53.69	54.45	55.81	54.91	55.34	57.52	26.5	25.5	27	27	26	25.5	27.4	24	79	84	80	78	84	88	------
8	55.57	55.67	56.58	55.63	56.18	57.44	26	26.5	29.5	29	26.5	25	30.1	24.3	81	80	72	76	93	96	11.4
9	56.16	55.95	56.85	55.89	55.85	57.21	24	24.6	27.5	27.5	27.5	27	28.6	23.7	93	97	81	85	81	81	6.4
10	56.06	56.77	57.75	56.06	56.78	58.17	26	25.8	28.5	29.8	28	27	32	25.2	85	85	81	74	77	81	------
11	57.15	57.89	58.78	57.09	57.74	59.49	25.2	24.4	31	30.5	29.5	24.6	32.6	23.9	91	93	76	72	75	92	------
12	58.64	59.24	59.59	57.56	58.03	59.92	24	24	31.5	33	30.1	27.5	34.5	22.9	91	88	69	61	75	82	------
13	58.62	58.94	59.29	56.80	57.12	58.61	25.8	24.5	30.5	32.5	30.5	26.2	34	23.7	87	96	72	67	63	87	------
14	57.33	57.91	58.68	56.35	56.55	57.99	25.2	23.5	31.5	32	31	25.4	33.2	22.5	82	94	66	69	59	88	------
15	56.82	58.09	59.07	56.60	57.17	59.26	24	24	31	33	30.5	25.5	35	23	91	95	69	59	66	88	------
16	58.19	59.01	59.29	57.25	58.08	60.56	24.5	24	31	32.5	29.4	25.7	34.7	23.1	91	96	72	63	68	86	------
17	59.62	59.68	59.92	57.32	59.03	60.56	24.5	24	32	33.5	27.9	26.8	34.9	23	91	96	61	61	71	80	------
18	59.53	59.40	59.90	57.60	57.48	59.98	24.7	24.1	32	34	29	25.9	36.5	23.7	89	95	60	53	72	86	------
19	59.02	59.47	59.93	58.76	58.47	59.67	24.6	24.5	31.6	33.5	30.8	26	34.9	24.3	92	92	56	54	68	81	------
20	58.47	58.94	59.63	57.61	57.94	59.74	25	26	31.5	33.5	27.4	25.9	33.6	23.7	85	88	63	58	78	88	------
21	58.69	58.36	59.63	57.61	57.94	59.46	25.5	25.4	31.5	33.5	29.4	24.9	33.6	22.4	91	88	63	58	65	79	------
22	58.40	58.51	58.79	57.15	57.17	58.84	24	25	31.6	32.9	29.5	26.5	34.2	21.9	92	83	56	50	61	77	------
23	57.74	57.76	57.81	56.15	56.27	58.22	26	25.6	32	30.5	29.5	27	33.4	24	85	87	57	68	69	80	------
24	57.04	57.10	57.81	55.86	56.39	58.18	25	25.9	31	35.6	30.4	26.8	36	24.4	88	85	67	44	60	74	------
25	58.19	58.32	58.98	56.95	57.65	59.45	25.8	25.5	31.5	32.7	29.5	28	33.2	24	85	84	66	55	70	81	------
26	58.54	59.19	58.78	58.71	58.71	59.74	25.6	25.4	32	23.5	25.2	25	32.5	22.5	88	88	60	93	95	88	108
27	59.15	59.29	59.36	58.20	57.98	59.23	25	24.2	31	25.6	26	25	33.6	23.5	92	95	69	90	92	92	17.5
28	58	58.20	58.52	56.39	56.75	58.87	24.9	24	31	33	29.1	24.5	33.8	23	87	93	69	53	67	92	------
29	57.49	57.79	58.12	56.46	56.75	58.98	24.1	24	32	32.1	29.5	26	33.2	23.1	92	91	63	60	68	85	------
30	58.47	59.05	59.07	57.24	57.61	59.53	25.8	25.8	31.5	33.5	29	27	34	24	85	87	60	53	68	80	------
31	59.07	59.42	59.67	57.24	57.46	58.73	26.2	26.1	31.5	32	29	27.5	33.5	25	84	83	63	58	65	76	------
Mean	57.68	57.98	58.57	56.76	57.11	58.82	25.1	24.9	30.6	31.2	28.6	26	33.1	23.6	87.3	88.8	67.1	64.9	72.3	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	184.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	Calm	----	ENE	2	ESE	1	NE	1	NE	2	5	Ci.	Cu. E	7	Ci.-S.	Cu. E
2	Calm	----	N	1	NE	3	NE	3	NE	2	NE	2	5	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
3	NNE	1	NE	2	NE	2	E	2	ENE	2	NE	1	6	Ci.	Cu. E	10	Ci.-S.	N. NE
4	Calm	----	NE	1	NE	3	NE	4	NE	2	Calm	----	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
5	NE	1	NE	1	NE	3	NE	4	NE	3	NE	2	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
6	NE	1	NE	3	NE	2	NE	3	NNE	3	NE	3	10	Ci.-S.	N. NE	10	Ci.-S.	N. ENE
7	E	4	E	4	ESE	4	SE	3	SE	3	N	1	10	Ci.-S.	N. SE	10	Ci.-S.	N. SSE
8	ENE	1	SE	3	SE	4	SW	2	W	1	Calm	----	10	Ci.-S.	S. S	10	Ci.-S.	N. SSW
9	NE	1	Calm	----	SW	1	SW	3	SW	3	WSW	3	10	Ci.-S.	N. S	10	Ci.-S.	N. WSW
10	SW	3	SW	2	SW	3	SW	3	WSW	3	SW	1	9	A.-S.	S.-Cu. WSW	8	Ci.-S.	Cu. SW
11	E	1	Calm	----	SW	1	S	2	SW	2	NE	1	8	Ci.-S.	S.-Cu. W	5	Ci.-S.	Cu. SE
12	NE	1	Calm	----	SW	1	SW	2	SW	1	Calm	----	5	Ci.	Cu.	6	Ci.-S. NW	Cu.-N. SE
13	NE	1	NE	1	S	1	S	2	W	1	E	1	3	Ci.	Cu.	5	Ci.	Cu. S
14	NE	1	NE	1	SE	1	S	1	NW	1	E	1	3	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
15	NE	1	Calm	----	S	1	S	1	W	1	Calm	----	6	Ci.-S. E	Cu. S	8	Ci.-S.	Cu.-N. S
16	NE	1	NE	1	S	1	S	3	NE	1	NE	1	4	Ci.	Cu.	7	Ci.-S. NE	Cu.-N. SW
17	NE	1	Calm	----	NE	1	SW	3	SW	1	Calm	----	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
18	Calm	----	NE	1	ESE	1	Calm	----	Calm	----	ESE	1	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. SE
19	NE	1	Calm	----	ESE	2	SW	1	E	1	NNW	1	5	Ci.-S.	S.-Cu. ESE	5	Ci.-S.	Cu. E
20	NE	1	NE	1	E	1	NE	2	NE	1	NE	1	7	Ci.-S. E	Cu. SE	8	Ci.-S.	Cu.-N. E
21	NE	1	NE	1	E	1	NE	2	NE	1	NW	1	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
22	Calm	----	NE	1	NE	2	NE	1	NNE	3	NE	2	3	Ci.	Cu.	7	Ci.-S.	Cu. E
23	NE	1	NNE	2	NE	2	E	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. E
24	Calm	----	NE	1	SW	1	SW	1	E	2	Calm	----	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
25	NE	1	Calm	----	SW	1	SE	1	E	1	Calm	----	9	Ci.-S.	S.-Cu. E	9	Ci.-S.	N.-cf. E
26	Calm	----	Calm	----	ENE	2	E	2	NNW	1	NE	1	8	Ci.-S. SE	S.-Cu. E	10	Ci.-S.	N. ESE
27	NE	1	NE	1	E	2	SW	1	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. SE	9	Ci.-S.	N. SE
28	Calm	----	Calm	----	ENE	2	SE	1	SE	2	NE	1	8	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
29	NE	1	ENE	1	SE	1	ENE	1	E	1	NE	1	3	Ci.	Cu.	9	Ci.-S.	S.-Cu. SE
30	NE	1	Calm	----	ENE	2	NE	2	E	1	NNE	2	6	Ci.-S.	Cu. SE	7	Ci.-S. NE	Cu. SE
31	NE	1	NE	1	ENE	2	NE	3	NE	2	NE	2	6	Ci.-S.	Cu. SE	9	Ci.-S.	S.-Cu. E
Mean	-------	0.9	-------	1	-------	1.8	-------	2	-------	1.5	-------	1.1	6.4	-------	-------	7.9	-------	-------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, −1.74 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.84	58.40	58.89	56.91	56.74	58.74	26.4	25.5	31.2	31.2	30.4	27.5	33.8	24.9	84	88	62	64	63	78	------
2	58.14	58.21	58.32	56.18	57.35	58.79	26.2	25.5	32.5	34.2	30.2	27.1	34.8	24.1	85	88	60	53	66	76	------
3	57.54	57.52	58.07	55.75	55.49	57.93	24.6	26.5	32.5	33.2	31.1	27	34.2	24	92	88	58	58	62	81	
4	56.84	56.82	57.29	55.41	56.17	58.30	25.6	25.5	30.5	33	29.5	26	33.8	24.2	92	91	72	59	75	84	------
5	56.65	56.66	56.64	54.20	55.43	57.23	25.3	25.2	30	34.5	29.6	28.5	35.3	24	89	91	71	53	77	81	16
6	56.19	56.84	57.49	55.66	56.43	57.39	25.6	25	30	31.4	29	25.6	32	24.4	88	92	78	61	74	92	------
7	57.44	57.58	57.32	56.07	56.24	57.94	25.2	25.5	30.1	31.2	28.4	27	32	24	93	88	71	64	75	80	.5
8	57.21	57.47	58.07	56.36	56.82	58.58	25	24.8	30.4	31	29.5	25	33.6	24.5	88	90	69	69	68	88	------
9	58.01	58.79	58.41	56.46	57.29	59.07	24.6	24.5	31	32.5	29	26.1	33	23.4	90	88	69	63	78	90	------
10	58.08	58.42	58.59	56.47	57.37	59.48	24.5	24	30.6	32	26.6	25.5	33.4	23.5	92	93	68	66	91	96	6.9
11	58.53	58.92	58.84	56.37	56.87	58.69	24.5	24	30	33.5	29.6	25	34.2	23.6	96	97	75	58	67	92	------
12	58.37	58.89	58.72	56.45	56.91	58.88	24.2	23.6	30	32.5	29.6	26.6	33.2	23.5	91	95	71	58	61	87	------
13	58.39	58.64	58.61	56.66	57.39	59.34	24.9	24.5	31	34.5	27.5	25.4	35	23.5	94	92	72	55	84	92	1.3
14	58.36	58.37	58.04	56.21	57.52	59.14	24.8	24.6	30.5	33.4	28.5	28	33.6	23.5	93	92	68	53	81	82	2.5
15	58.09	58.25	58.13	56.63	56.81	59.18	24.8	25.4	30.5	31.5	29	25.4	33	24.4	93	93	72	69	82	92	------
16	57.78	57.86	58.12	55.90	56.42	58.97	25	24.5	30.2	33.6	30.4	24	35.5	23.3	88	96	70	59	76	91	36.6
17	58.19	58.10	58.63	56.92	57.18	59.97	24.2	24.3	31	31.5	29	27	33.2	23.7	91	94	72	64	78	92	------
18	59.10	59.38	59.29	57.82	57.87	60.35	25.6	24.6	30.5	31.2	30	27	34	24.3	95	95	75	68	71	84	------
19	59.74	60.59	60.91	58.73	59.85	60.62	25.8	25.5	31.4	30	24.5	23	33.8	22.6	96	96	70	71	88	97	26.9
20	60.16	60.29	60.12	58.37	58.36	60.26	24	23.5	31	32	27.6	26.2	34	22.4	86	91	72	66	84	90	------
21	58.58	59.05	59.31	57.07	57.69	58.93	24.6	24.5	31	31	30.5	25.9	33.8	23.5	95	96	72	72	72	91	------
22	58.55	58.66	58.81	57.40	58.40	59.91	24.5	24.5	31.1	33	30.5	25.6	34	23.5	94	96	71	61	65	87	------
23	59.30	59.57	59.53	58.11	58.26	59.40	25	24.9	30.2	27	28.6	26	31.5	23.5	93	92	77	88	79	92	8.1
24	58.99	59.24	59.44	58.19	58.48	60.28	25.2	24.5	31.5	26.5	27.5	25.1	34.2	23.8	92	95	72	88	81	91	2.5
25	59.26	59.32	59.84	58.82	58.62	59.62	24	24.2	31.1	28.6	27.5	23.6	31.8	23.1	91	91	73	73	82	93	------
26	59.44	59.48	59.49	58.22	58.38	59.63	24.8	24.5	31	25.5	28	25	33	23	87	88	62	91	82	92	50.1
27	58.57	58.70	58.83	57.82	58.74	59.60	24	23.4	31	28.6	25.5	24	32.8	22.7	91	92	72	76	84	91	------
28	58.94	59.55	60.49	58.08	59.78	61.58	23.3	23	27.6	31	24.5	24	32.2	22.6	96	97	84	65	92	93	8.5
29	60.67	59.80	60.62	58.44	58.62	60.24	24	23.9	29	32.5	29.7	25	33.2	23.2	97	94	75	63	73	88	------
30	58.92	58.54	58.91	56.87	57.20	59.32	24.1	24	31.9	27.4	29.4	23	34.4	22.4	95	96	69	78	79	95	46
Mean	58.40	58.60	58.79	56.95	57.49	59.25	24.8	24.6	30.7	31.3	28.7	25.7	33.5	23.6	91.6	92.5	70.7	66.2	76.3	88.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	205.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	Calm	----	NE	2	NE	3	ENE	2	NE	2	8	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
2	NE	1	Calm	----	E	2	NE	2	SE	2	Calm	----	3	Ci.	Cu.	6	Ci.-S.	Cu. E
3	SE	1	E	1	E	1	ENE	2	NE	1	E	1	6	Ci.-S.	Cu. E	7	Ci.-S. S	Cu. ESE
4	NE	1	Calm	----	SW	1	SE	1	W	2	NE	2	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. ESE
5	NE	1	NE	1	SW	1	WSW	1	S	1	ENE	1	9	Ci.-S. NW	S.-Cu. ESE	7	Ci.-S.	Cu.-N. SE
6	NE	1	NE	1	Calm	----	S	3	Calm	----	NE	1	10	Ci.-S.	N. SE	8	Ci.-S.	Cu.-N. SE
7	NE	1	Calm	----	W	2	SE	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
8	NE	1	Calm	----	W	2	SW	3	SE	1	SE	1	8	Ci.-S. NE	Cu. S	9	Ci.	Cu.-N. E
9	Calm	----	NE	1	W	1	W	1	WNW	1	NE	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. SE
10	NE	1	E	1	WSW	1	WSW	2	NE	1	NE	1	9	A.-S. NE	S.-Cu. S	8	Ci.-S.	Cu.-N. E
11	E	1	E	1	W	1	WSW	2	Calm	----	Calm	----	9	Ci.-S. NE	S.-Cu. SE	8	Ci.-S. NE	Cu. S
12	NE	1	NE	1	WSW	1	SSE	3	SE	2	Calm	----	9	A.-S. SE	S.-Cu. S	6	Ci.-S. NW	Cu. SE
13	E	1	ENE	2	SW	3	WSW	2	E	1	NE	1	6	Ci.-S. NNE	Cu. SE	6	Ci.-S.	Cu. SE
14	NE	1	Calm	----	SSE	2	SE	3	SSW	3	NE	1	4	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
15	NE	1	NE	1	Calm	----	SW	3	SSW	2	SSW	2	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	Cu.-N. SE
16	NE	1	E	1	W	1	SW	1	SSW	3	NE	1	4	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
17	NE	1	E	1	SW	1	S	2	WNW	1	NW	1	7	Ci.-S.	Cu. E	8	Ci.-S. SSE	N. E
18	Calm	----	ENE	1	SW	2	S	1	SE	2	SE	1	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
19	NE	1	E	1	W	2	ENE	2	SSW	1	NE	1	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	N. E
20	E	1	ENE	1	Calm	----	S	1	E	1	NE	1	5	Ci.-S.	Cu. E	9	Ci.-S.	N. SW
21	NE	1	ENE	1	Calm	----	S	2	Calm	----	NE	1	6	Ci.-S.	Cu. E	9	Ci.-S.	N. E
22	NE	1	NE	1	S	1	S	2	W	3	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. S
23	E	1	NE	1	S	2	ENE	2	Calm	----	NE	1	6	Ci.-S. ESE	Cu. SSE	9	Ci.-S.	N. SW
24	NE	1	ENE	1	Calm	----	NW	1	NE	1	NE	1	4	Ci.-S.	Cu. SW	10	Ci.-S.	N. SW
25	E	1	NE	1	E	1	E	1	NNE	1	NE	1	9	Ci.-S.	S.-Cu. S	10	Ci.-S. E	Cu.-N. SE
26	NE	1	E	1	ENE	1	SSW	2	SSE	1	NE	1	7	Ci.-S.	S.-Cu. SE	10	Ci.-S.	N. SE
27	NE	1	ENE	1	SW	2	SW	1	NNW	1	NE	1	7	Ci.-S.	Cu. SE	10	Ci.-S. NW	N. E
28	NE	1	ENE	1	ESE	1	W	1	W	2	SE	1	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. SE
29	E	1	NE	1	WSW	1	SW	2	SSE	1	NE	1	9	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. E
30	E	1	ESE	2	W	2	E	3	NW	1	SE	1	6	Ci.-S.	Cu. E	9	Ci.-S.	N. E
Mean	------	0.9	------	0.9	------	1.2	------	1.9	------	1.3	------	1	6.9	------	------	8	------	------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N ; λ=121° 04′ E ; barometer above sea, 10.5 meters ; gravity correction not applied, —1.74 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.61	58.29	58.45	56.50	57.34	58.94	23	24.4	30.9	31.9	27.1	25.1	34	22.5	97	89	73	69	87	94	------
2	58.80	58.90	59.81	58.32	58.42	59.63	25.1	25	29	31.5	28.5	25.9	32.8	24	92	92	75	72	75	89	------
3	58.63	59.16	59.60	57.70	58.27	59.52	25	25.6	31.1	32.5	26.6	25.4	33	23.6	92	88	68	63	91	93	7.6
4	58.33	58.21	59.29	57.34	57.44	58.44	25.2	24.2	27.5	30	28.5	25.4	32.1	23.9	92	95	76	69	71	88	------
5	57.86	57.79	58.38	56.53	56.84	57.59	25.8	25.5	31.4	27.2	28.6	25.4	33.1	24?	90	91	61	87	83	89	10.5
6	57.48	58.21	58.04	57.08	57.04	58.54	25.2	24.9	29.1	26	26.6	24.5	31.6	23.5	97	92	77	92	92	96	11.1
7	58.01	57.35	57.38	56.59	56.87	58.85	24.2	24.4	31	30.4	28	25.1	33	23.1	93	93	72	72	85	95	------
8	58.02	57.84	57.83	56.08	56.17	58.34	24.8	24.5	31	31.2	29.6	25.5	33.8	23.4	93	92	73	63	69	88	------
9	57.69	57.58	57.91	55.56	55.85	57.84	25.1	25	31.5	31.5	29	27.4	32.3	24	92	92	69	69	77	85	------
10	56.59	57.29	58.14	56.21	56.31	57.95	25.4	24.9	29	30	29.5	24.1	32.9	23.3	88	92	75	71	70	95	------
11	56.80	56.92	57.20	56.06	56.77	58.28	23.6	23.5	30	30	28	26.5	32.8	23	95	96	75	71	77	85	1
12	57.74	57.84	58.58	57.47	57.29	59.23	24.2	24	27.5	30	28.2	24	31	23	91	91	84	78	82	93	1.3
13	57.94	57.86	58.13	56.78	56.99	57.90	24.2	23.5	31	29	27	25.5	32	23	92	96	72	81	80	92	.8
14	56.02	55.95	56.62	54.02	53.50	55.05	24	24.5	29.6	31	25	25	33	23.5	97	96	79	72	96	95	18.5
15	53.48	53.09	52.44	51.19	50.87	52.45	25.8	25	26.5	27	26.6	25.6	27.5	24.4	90	96	90	92	91	90	24.1
16	51.29	51.86	53.22	52.09	52.44	53.97	26.2	26	26.2	28	26.6	26.8	28.7	25.2	90	85	90	82	90	87	12.7
17	53.43	53.50	54.74	54.07	53.75	55.13	26	25.4	25.5	26.5	26.5	26	27.1	24.4	94	92	93	86	84	92	13.8
18	54.92	54.50	55.12	54.29	54.24	56.04	26	26.3	29.1	28	26.5	26	29.3	25	87	86	81	82	92	92	19.8
19	55.22	54.36	54.59	54.22	54.49	56.54	25.4	26.4	28.6	30	27	26	30.5	24.5	95	89	78	75	89	89	24.9
20	56.20	55.94	56.84	55.48	55.77	56.89	26.2	24.7	25.9	27	25	25.5	27.4	24.4	86	95	90	89	93	88	16.3
21	55.81	55.65	57.05	56.37	56.40	57.09	26.2	26	26.1	24.9	25	23.5	27	23	85	89	93	92	92	96	54.4
22	56.10	55.30	55.73	54.34	54.20	54.91	24.3	24.9	28.1	28.5	25.5	25.6	30	23.2	91	92	87	78	88	91	5.1
23	53.82	53.70	54.04	52.56	52.75	54.09	26	25.5	27	28.4	25.6	26	29.2	24.5	92	92	86	77	88	87	3.1
24	52.63	53.15	54.09	53.47	53.02	55.34	25.5	25.8	27	26	26.1	24.6	27.2	24.2	92	90	84	91	91	95	9.2
25	54.30	54.62	55.38	54.69	54.94	57.68	25.4	24.5	27.9	28.8	27.5	25.5	29.8	24.2	93	97	85	79	81	88	3.3
26	56.79	56.82	57.05	56.23	56.72	58.20	25.5	26	29.2	31.2	27.2	24.6	31.5	24	88	84	72	71	79	87	------
27	56.66	56.52	56.72	55.47	56.20	56.80	23.9	23.8	30.4	30.4	25	23	31	23	92	91	76	78	87	97	38.8
28	55.04	54.50	54.60	53.11	52.61	52.56	24	24.6	24.6	25	24.5	25.5	26	23.5	93	95	92	88	96	92	83.6
29	51.13	51.04	50.62	50.58	50.47	52.83	24.6	24.4	25	25.5	26	26.8	27	23.6	96	97	97	88	92	86	50.7
30	52.15	52.66	54.91	53.79	54.31	56.13	26.8	25.2	25.6	27.5	27	25.9	28.4	24.1	80	94	92	85	84	93	6.8
31	55.15	55.60	57.23	55.42	55.15	56.71	25.5	25.6	27	28.6	27	26	29.6	24.4	91	90	87	83	84	94	------
Mean	55.89	55.87	56.44	55.15	55.27	56.76	25.1	25	28.4	28.8	26.9	25.4	30.5	23.8	91.5	91.9	80.7	78.9	85	91	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	417.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NNE	1	NE	1	W	1	ENE	1	NE	1	5	Ci.	Cu.	9	Ci.-S.	N. SE
2	NE	1	ENE	1	ENE	1	NNW	1	W	1	E	1	10	Ci.-S.	N. ESE	8	Ci.-S.	Cu.-N. E
3	E	1	ENE	2	E	1	S	1	Calm	----	NE	1	8	A.-Cu. SE	Cu. E	8	Ci.-S.	Cu. E
4	NE	1	NE	1	ENE	2	ENE	2	ENE	1	E	1	7	Ci.-S.	Cu. E	9	Ci.-S. NE	S.-Cu. E
5	NE	1	NE	1	ENE	2	SW	1	S	1	NE	1	8	Ci.-S.	Cu. E	10	Ci.-S.	N. SE
6	NE	1	ENE	1	NNE	1	NE	1	E	1	NE	1	10	Ci.-S. ENE	N. SE	5	Ci.-S.	N. E
7	NE	1	SE	1	NE	1	SE	2	SW	1	NE	1	5	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. ESE
8	NE	1	E	1	SW	1	SSE	3	SW	1	NE	1	5	Ci.	Cu. E	5	Ci.-S.	Cu. E
9	NE	1	ENE	1	SW	1	NW	1	SW	3	SW	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. E
10	NE	1	NE	1	WSW	2	S	1	W	5	NE	1	9	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
11	NE	1	NE	1	S	1	WSW	3	SW	3	NW	1	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. SW
12	NE	1	ENE	2	NW	1	S	1	SE	1	E	1	8	Ci.-S. NNE	S.-Cu. SW	9	Ci.-S.	Cu.-N. W
13	NE	1	NE	1	SW	1	SW	3	NE	1	NE	1	6	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. NE
14	NE	1	NE	1	SSW	1	W	1	E	1	N	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	N. NE
15	N	1	E	1	E	1	SW	1	WSW	1	SW	1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNE
16	W	1	W	3	SW	4	SW	4	SW	5	SW	5	10	Ci.-S.	N. W	10	Ci.-S.	N. W
17	SW	4	SW	4	SW	4	SW	3	SW	3	SSW	2	10	Ci.-S.	N. WSW	10	Ci.-S.	N. WSW
18	SW	4	SW	4	SSW	3	W	3	SW	3	SW	4	10	Ci.-S.	N. WSW	9	Ci.-S.	Cu.-N. SW
19	SW	4	SW	3	WSW	4	SW	4	SW	3	WSW	4	9	Ci.-S.	S.-cf. SW	9	Ci.-S.	N. SW
20	SW	3	SW	2	SSW	3	SW	2	W	2	SW	1	10	Ci.-S.	N. W	10	Ci.-S.	N. W
21	W	3	W	3	SW	2	SW	3	SW	3	E	1	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. W
22	W	2	WSW	3	S	1	SW	3	SW	4	SW	4	9	Ci.-S.	N. SW	9	Ci.-S.	S.-Cu. WSW
23	SW	3	SW	3	SW	3	SW	3	WSW	3	SW	3	10	Ci.-S.	N. W	9	Ci.-S.	N. W
24	SW	3	SW	3	SW	3	SW	4	SSW	3	SSW	3	9	Ci.-S.	N. SW	10	Ci.-S.	N. SW
25	SW	2	SSW	2	SSW	3	SW	3	SW	3	W	2	10	Ci.-S.	N. SW	8	Ci.-S.	N. SW
26	WSW	2	W	1	W	3	SW	3	WSW	3	W	1	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
27	E	1	WSW	1	WSW	2	SW	2	NNW	1	NE	1	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
28	SW	2	SW	2	Calm	----	W	1	SW	1	SW	4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
29	SW	4	SW	4	SW	4	SW	4	SW	5	SW	5	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
30	SW	5	SW	4	SW	5	SW	4	SW	4	SW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
31	SSW	1	W	3	SSW	2	SSW	3	SSW	2	SW	2	10	Ci.-S.	N. SW	9	Ci.-S.	S.-Cu. SW
Mean	------	1.9	------	2	------	2.1	------	2.3	------	2.3	------	1.9	8.6	------	------	8.8	------	------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.69	55.50	56.62	55.26	55.79	57.15	26	25.5	26	28.2	26.6	25.5	29	24.5	92	95	92	87	83	93	6.1
2	55.74	56.70	57.81	56.99	56.60	57.68	25	24.5	23.6	25.5	24.2	23.5	26	23	92	92	95	88	91	92	7.6
3	57.21	57.41	57.77	56.74	57.16	57.69	25	23.5	27	29	24.5	23.4	30	22.5	92	96	84	74	91	97	15.8
4	57.10	57.03	57.42	56.54	55.80	56.97	24.1	24.6	27.2	26	24.9	23.4	29.2	22.5	96	95	87	90	92	97	12.7
5	56.01	55.97	56.90	55.67	55.47	56.64	23.2	24.5	26	26	24.6	25.4	26.2	22.9	97	96	92	92	95	95	16.8
6	55.82	55.81	56.42	55.14	55.79	57.84	24.9	24.7	26.5	29	25	23.9	29.8	23.4	92	94	88	81	95	96	14.7
7	55.76	55.70	56.99	55.74	55.84	57.01	24	25.6	25.9	30	26	25.6	30.3	23.5	95	93	88	71	84	90	.8
8	57.15	56.57	57.06	56.14	56.90	58.71	25.6	25.5	29.4	29.5	26.5	25	31	24	87	81	79	76	84	90	2.3
9	57.40	57.18	58.02	56.97	56.74	57.89	24.5	26	29	30	27.6	27	31	23.5	92	88	74	69	80	84	------
10	56.89	57	57.33	56.28	56.74	57.42	27	27	30	30.5	27	26.6	31.9	24.5	84	86	71	75	90	89	2.5
11	56.79	56.37	57.02	55.32	55.78	57.44	26.3	26	29.5	29.5	27.1	25	32	24	90	92	80	78	88	92	10.1
12	56.05	55.95	56.65	55.36	56.27	58.21	23.5	23.4	30.2	30.2	27	25.5	31.2	22.9	96	97	74	74	80	93	------
13	56.76	56.39	57.51	55.38	55.92	57.29	24	23	30	30	28	24	31.5	22.5	96	97	78	70	74	96	------
14	56.61	56.70	57.18	55.59	55.44	55.87	25.8	23.6	27.9	26.9	27.2	26.5	28.9	23.4	87	95	82	91	84	84	1.8
15	54.98	54.43	54.75	52.49	52.31	53.21	25	25	29.5	30.6	28	26	31	24.5	88	87	75	71	79	91	22.4
16	52.26	52.39	53.90	54.35	55.39	57.75	25.2	26	24.8	25	25	24.4	27	23	90	84	93	97	95	90	65
17	56.52	56.76	59.16	58.03	58.75	59.64	23	23.5	29	28.4	27.5	25	31	22.4	97	96	75	82	88	92	------
18	58.94	59.11	59.67	57.83	58.17	59	25	24	30.5	30	28.2	24	31.8	23	93	97	71	78	79	95	------
19	57.79	57.52	57.54	55.08	55.61	57.19	23.4	23	31.9	32.6	26.5	25.6	34	22.5	92	97	67	69	85	91	------
20	55.90	56.01	56.52	55.19	55.60	57.07	25	23.7	27.4	29	27	25	30.8	23.4	92	94	85	78	80	93	1.5
21	56.31	56.24	56.82	55.64	55.87	57.38	24.1	24.5	29.1	30	28	26	31.8	23.4	94	96	77	71	81	89	------
22	56.76	55.90	56.89	55.14	55.94	57.05	23.9	23.6	29.6	30.7	28.5	24	33.8	22.5	93	95	74	70	78	95	------
23	56.09	55.96	56.78	55.43	56.04	57.34	24	22.6	30	30.4	25	23.8	31	22.1	93	95	75	73	97	93	26.9
24	56.95	56.35	57.25	55.63	56.78	58.72	23	23.5	29.5	28.9	26.5	25.6	31.7	22.4	95	94	75	78	85	87	------
25	57.63	57.71	59.52	57.52	58.45	59.23	25	25.6	26.9	30.4	24.9	26.1	30.7	24	93	94	85	69	91	87	8.6
26	58.30	57.67	58.11	55.95	55.84	56.13	25.1	24.5	26.5	26.5	25	25.4	29.9	24.3	91	92	90	85	88	88	19.6
27	54.99	54.21	54.87	52.60	52.76	54.16	25	24.5	26	29.2	26.6	25	29.9	24	94	96	95	79	90	92	4.1
28	53.14	53.70	54.52	52.89	53.96	56.03	25.2	24.5	29	29	27	25	30.5	24	92	96	81	75	81	88	------
29	55.63	56.20	57.54	56.30	56.84	58.59	24.9	23.3	30	28.5	27.5	25.5	31	23	88	96	73	75	81	88	------
30	57.65	57.85	58.09	56.79	57.63	59.14	25	22.6	29	31	27.5	24	32.8	22.4	92	95	75	71	73	95	------
31	58.31	58.07	58.32	56.17	56.19	58.23	23.9	24	30.5	29	27.1	23.6	32.2	23	92	95	70	81	83	95	10.2
Mean	56.42	56.33	57.13	55.68	56.08	57.41	24.7	24.4	28.3	29	26.5	25	30.6	23.3	92.2	93.4	80.6	78	85.3	91.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	249.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSW	2	SSW	1	S	2	SSW	3	SW	2	W	1	10	Ci.-S.	N. W	8	Ci.-S. NW	Cu.-N. W
2	WSW	2	WSW	1	S	1	WSW	2	WSW	1	SE	1	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
3	E	1	E	1	SW	1	SW	3	SW	2	SW	1	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. sw
4	WSW	1	WSW	2	WSW	1	Calm	----	ENE	1	SE	1	10	Ci.-S.	N. W	10	Ci.-S.	N. W
5	NW	1	Calm	----	SSW	2	S	2	SSW	1	SSW	1	10	A.-S.	N. W	10	Ci.-S.	N. W
6	SW	1	SW	1	SW	2	SW	2	WSW	2	SW	2	9	A.-S.	S.-cf. W	6	Ci.-S.	S.-Cu. W
7	NW	1	SW	2	SW	3	SW	3	W	2	WSW	1	8	Ci.-S.	Cu.-N. W	9	Ci.-S.	S.-Cu. W
8	WSW	3	WSW	2	S	1	WSW	2	WSW	2	SSE	1	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. W
9	SSW	1	SW	2	SW	2	SW	2	WSW	1	WSW	2	6	Ci.	Cu. W	8	Ci.-S.	Cu.-N. sw
10	WSW	3	WSW	3	WSW	3	WSW	3	WSW	2	WSW	1	9	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. sw
11	SW	2	SW	2	SW	2	WSW	3	SW	3	SW	1	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	N. W
12	S	1	NE	1	SW	1	SW	2	SW	2	SW	1	7	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu.-N. W
13	NE	1	NE	1	SW	1	SW	2	SW	2	SSE	1	6	Ci.-S.	Cu. W	9	Ci.-S.	Cu.-N. W
14	E	1	E	1	S	2	SW	2	SW	1	S	1	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	N. W
15	E	1	NW	1	WSW	2	WSW	2	WSW	3	WSW	1	9	A.-S.	S. W	9	Ci.-S.	Cu.-N. W
16	SW	4	SW	3	SSW	3	SSW	3	SSW	2	S	1	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
17	NE	1	NE	1	SW	1	WSW	2	E	1	NE	1	6	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N. sw
18	E	1	E	1	NE	1	E	2	SW	1	SW	1	5	Ci.	Cu. SW	7	Ci.-S. NE	Cu. SE
19	SE	1	SE	1	SW	1	SW	2	SE	2	NE	1	5	A.-Cu. NE	Cu. SE	7	Ci.-S.	Cu.-N. SE
20	E	1	E	1	N	1	SW	1	W	1	E	1	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. W
21	E	1	ESE	1	S	2	WSW	2	WSW	2	WSW	2	7	Ci.	Fr.-Cu. W	7	Ci.-S.	Cu.-N. W
22	E	1	ENE	1	SW	1	SW	1	SW	2	E	1	5	Ci.	Cu. W	6	Ci.-S.	Cu. W
23	E	1	ENE	1	SW	1	SW	3	SW	1	E	1	6	Ci.-S.	Cu. W	10	Ci.-S.	N. W
24	E	1	E	1	SW	1	SW	2	WSW	2	SW	1	7	A.-Cu. NW	Cu. W	8	Ci.-S.	Cu.-N. W
25	SW	3	SW	1	SW	3	SW	3	SW	1	SW	2	8	Ci.-S.	Cu.-N. WSW	9	Ci.-S.	Cu.-N. WSW
26	SW	3	SW	1	SW	3	WSW	3	SW	2	SW	2	9	Ci.-S.	S.-Cu. W	10	Ci.-S.	N. W
27	SW	3	SW	2	SW	3	SW	3	SSW	2	NE	1	9	Ci.-S.	N. WSW	8	Ci.-S.	Cu.-N. sw
28	W	1	SW	3	SSW	1	SSW	3	SSW	2	NW	1	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. sw
29	SE	1	ENE	1	SSW	1	SSW	1	SSW	3	SSW	1	5	Ci.-S.	Cu. SW	8	Ci.-S.	S.-Cu. SW
30	ENE	1	ENE	1	SSW	1	SSW	2	SSW	3	WSW	1	6	Ci.	Cu.-N. SW	8	Ci.-S.	Cu.-N. sw
31	ENE	1	ENE	1	SW	1	SW	1	SW	1	SW	1	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. sw
Mean	-------	1.5	-------	1.4	-------	1.6	-------	2.2	-------	1.8	-------	1.2	7.9	------------	------------	8.5	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.20	56.22	56.70	54.16	53.99	55.04	22.8	22.7	29	30.8	27	24.9	31.4	21.5	95	94	79	73	89	92	1.3
2	53.99	54.06	53.86	52.08	51.73	54.04	24.6	24.5	28.5	29	28	24	30	23.4	97	96	85	72	81	96	28.2
3	52.04	50.76	51.34	49.97	50.21	51.06	24	26.5	26.5	27	25	26.9	28	23.2	93	90	90	92	96	86	32
4	50.19	51.41	52.37	52	52.41	54.61	26.9	25	27.5	27	26.1	26	29	24.6	87	92	81	86	83	88	4.9
5	54.90	55.33	56.36	55.19	56.22	58.32	27	26	27.1	28	28	27	29.5	25	86	92	83	81	77	84	3.8
6	57.79	57.41	58.28	56.68	57.36	59.12	25.8	26	30.5	31	29	23.5	32	23.1	93	92	72	65	68	95	------
7	58.01	57.99	58.67	56.92	57.65	58.67	23.9	23	30.8	32.4	29.5	26.6	34	22.1	92	96	71	58	69	90	------
8	57.67	57.76	58.32	56.15	57.32	56.93	24.9	24.1	30.2	30.6	26	27.5	31.8	23.7	93	96	77	65	92	84	4.6
9	56.38	56.25	56.37	55.17	56.70	56.40	27	27	28.2	26.4	24	26.1	28.8	23.9	90	89	84	93	93	94	58.2
10	54.39	54.56	55.44	53.50	53.80	54.75	26.9	25.1	25.2	24.9	25.6	25.7	27	23.8	------	------	------	------	------	------	224.2
11	54.49	54.56	55.32	54.36	55.14	57.12	25	24	25.3	26	25.5	24.5	27	23.1	92	93	91	92	93	87	6.6
12	56.77	56.86	58.27	56.85	58.04	59.82	24	22.5	28.5	30.5	28.5	25	30.6	22	92	96	81	72	81	92	------
13	59.05	59.26	59.89	57.82	58.11	60.42	23.6	22.4	31	31.5	29.5	25.4	32.2	22	95	96	72	66	70	88	------
14	59.48	59.31	59.84	58.23	58.21	59.12	25.1	25	30	29.6	28.6	25.6	31	24	96	96	77	78	73	95	------
15	57.95	58.11	57.82	56.51	56.34	57.39	24.7	26.5	30	29	27.5	27.5	30.9	24	92	83	73	78	85	84	1.5
16	55.94	56.23	57.20	55.97	56.90	58.03	26.7	26.6	29	29.5	26	25.6	29.9	24.5	93	91	78	77	92	93	12.7
17	57.59	58.05	58.49	57.39	57.84	59.47	27	26.5	29.8	30.2	28	25	32.5	24.2	87	90	66	65	86	92	------
18	58.69	58.67	59.17	57.23	58.48	59.64	24	23.5	29.4	32.4	27	25.5	33.9	23	97	96	72	64	84	91	------
19	59.11	59.29	59.99	57.69	58.31	60.14	24.8	23.6	30.5	30.5	28.2	24	32.2	23.5	87	95	75	72	86	88	1.5
20	59.32	59.05	59.56	57.21	57.72	58.95	23.8	22.6	30.6	32.8	29.5	24.5	33	22.5	93	97	68	58	75	87	------
21	57.55	57.54	57.78	55.84	56.72	58.32	23.8	23	30.5	30.6	27	24	33	22.3	93	98	66	74	89	95	11.2
22	57.85	57.82	58.62	57	57.93	60.01	23.3	22.5	31.2	32.9	27.6	25.5	34.3	22	94	96	73	64	85	93	------
23	58.59	59.64	60.02	57.77	59.32	60.18	23.7	23.5	31.5	33.2	25.5	24	34.4	22.4	95	96	69	63	92	95	8.4
24	58.86	59.29	60.07	58.08	58.83	59.44	23.5	23	30.2	28	27	25	32	22.5	96	97	70	80	87	88	------
25	58.72	58.74	60.20	57.97	58.26	59.62	23.2	24.5	26	28.6	25	25.4	29.1	22.5	95	92	89	75	88	85	2.3
26	58.72	58.69	59.17	57.98	58.29	59.97	24.6	24.5	31.4	25.5	26.5	25	32.1	23.9	92	92	70	93	88	92	19.6
27	59.04	59.22	60.12	59.17	59.15	60.19	24.2	23.5	30.6	26	27.4	24.8	32.6	22.5	93	96	68	85	81	89	12.2
28	59.01	59.11	60.12	57.98	58.28	60.04	23	23.5	29	31.2	28	24	31.5	22.5	97	96	72	64	85	88	------
29	58.76	59	59.68	57.47	57.99	59.30	22.3	22	31	29.2	27	25.5	33.2	21.6	96	96	61	74	85	89	------
30	57.84	58.31	59.02	56.71	57.27	58.69	25	23.5	31.2	33	29	25.5	34	23.1	88	96	64	64	81	93	2
Mean	57.16	57.28	57.94	56.24	56.82	58.16	24.6	24.2	29.3	29.6	27.2	25.3	31.4	23.1	92.7	94	75.1	73.9	83.9	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	435.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	ENE	1	S	1	S	2	NE	1	NE	1	9	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu.-N. NW
2	NE	1	NE	1	WSW	2	WSW	2	WSW	2	WSW	1	9	Ci.-S.	Cu.-N. NW	10	Ci.-S.	S.-Cu. WNW
3	WSW	3	WSW	3	WSW	2	WSW	3	WSW	2	SW	4	10	Ci.-S.	S. W	10	Ci.-S.	N. W
4	SW	4	SW	4	WSW	3	SW	3	SW	3	SW	3	10	Ci.-S.	N. WSW	9	Ci.-S.	Cu.-N. SW
5	SW	3	WSW	3	SW	3	SW	4	SW	3	WSW	2	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. SW
6	SW	3	SW	1	SSW	2	SSW	2	W	1	NE	1	8	Ci.-S.	S.-Cu. SW	6	Ci.-S.	Cu. SW
7	NE	1	NE	1	S	1	W	1	W	2	W	1	3	Ci.	Cu.	8	Ci.-Cu. W	Cu. SW
8	N	1	E	1	SW	2	WSW	2	WSW	1	WSW	3	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. SW
9	WSW	3	WSW	3	WSW	3	WSW	3	WSW	1	WSW	3	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
10	SW	3	SSW	3	SW	2	------	------	------	------	------	------	10	Ci.-S.	N. SW	------	------	------
11	SW	3	SW	3	SSW	3	SSW	3	SSW	3	SSW	3	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. SW
12	S	1	ENE	1	E	1	S	2	SW	3	S	1	10	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.-N. SW
13	SSW	1	S	1	SSW	1	SSW	1	WNW	1	NE	1	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. SW
14	NE	1	NE	1	S	1	S	1	NW	1	NW	1	8	Ci.-S.	Cu.-N. NE	9	Ci.-S. E	Cu.-N. NE
15	NE	1	W	1	SW	2	SW	3	WSW	3	SW	3	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. W
16	WSW	3	WSW	3	WSW	3	WSW	3	SW	3	SW	1	9	Ci.-S.	Cu.-N. W	9	Ci.-S.	Cu.-N. W
17	SW	3	SSW	3	W	2	SW	3	SW	2	NE	1	8	Ci.-S. NE	S.-Cu. W	8	Ci.-S.	Cu. SW
18	E	1	E	1	S	1	SSW	1	E	1	NE	1	5	Ci.-S.	Cu. SW	5	Ci.-S.	Cu.-N. SW
19	NE	1	NE	1	SW	1	S	1	NE	1	NE	1	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. SE
20	E	1	E	1	ENE	1	ENE	1	ENE	1	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
21	ENE	1	ENE	1	ENE	1	SSW	1	SW	1	E	1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
22	E	1	E	1	SW	1	SW	1	SW	1	NE	1	5	Ci.	Cu. SE	7	Ci.-S.	N. SE
23	ENE	1	ENE	1	SW	1	ENE	1	ENE	1	ENE	1	6	Ci.	Cu. SE	7	Ci.-S.	Cu.-N. SE
24	NE	1	E	1	ENE	2	S	3	ENE	1	ENE	1	3	Ci.	Cu.	9	Ci.-S.	N. SSE
25	ENE	1	ENE	1	ENE	1	ENE	2	NNE	1	SE	1	4	Ci.-S.	Fr.-Cu. E	8	Ci.-S.	Cu.-N. E
26	ENE	1	ENE	1	E	1	W	1	ENE	1	ENE	1	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
27	ENE	1	ENE	1	ENE	1	ENE	1	NNE	1	NE	1	5	Ci.-S. NE	S.-Cu. E	9	Ci.-S.	N. E
28	E	1	E	1	NE	2	NE	2	NE	1	NE	1	5	Ci. NNE	Cu. E	6	Ci.-S.	Cu.-N. E
29	NW	1	E	1	NE	1	NE	1	W	1	NE	1	4	Ci.	Cu. E	9	Ci.-S.	N. E
30	NNE	1	ENE	1	NNE	2	S	1	NW	1	NNE	1	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
Mean	------	1.6	------	1.6	------	1.7	------	1.9	------	1.6	------	1.5	6.7	------	------	8	------	------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, −1.74 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.74	58.49	59.27	57.06	57.37	58.72	24.5	24	31	32	27.5	26	35	23.4	96	95	77	72	88	89	7.4
2	58.37	58.46	58.62	55.87	57.13	58.58	25.3	24.5	32	35	26.4	25.5	35.1	24	91	92	66	60	89	93	4.3
3	57.67	57.84	59.02	56.82	57.62	58.85	24.8	23.9	30.7	28	28.1	25	32	23	93	92	74	79	81	92	------
4	58.24	58.73	59.46	57.77	58.09	59.64	24	24	30.6	28	27.5	25.6	31.8	23	91	91	71	80	73	79	2
5	58.20	58.51	59.23	56.92	58.39	59.11	22.6	23.5	30.4	27.7	25	24.8	31.3	22	95	92	64	76	90	85	17.3
6	57.87	58.16	58.80	56.22	57.67	59.40	24	23.7	29	29.6	26	24.2	30.3	23.2	95	94	72	69	84	90	.8
7	57.97	58.76	59.31	57.12	58.52	59.65	23.2	23.6	31	30.2	26	24	32.2	22.3	97	92	65	78	92	93	------
8	58.51	58.93	59.37	56.72	57.97	58.85	23.7	23.6	31	33	26.5	24.2	33.2	22	96	95	65	61	90	91	------
9	57.62	57.81	57.82	55.09	55.94	57.62	23	22.5	31.5	33	27.6	25.1	33.1	22	95	96	60	55	84	91	1.8
10	56.26	56.15	56.92	54.59	55.44	56.14	25	24	30.7	30.2	25.6	24.8	33	23	92	93	67	66	92	85	1.5
11	54.83	54.84	55.50	54.04	54.34	54.92	24.2	25	27	25.7	23.5	23	27.3	22.5	94	97	92	91	89	95	6.6
12	54.27	53.97	54.41	51.89	52.57	53.42	23	23.5	27	28.6	26.6	24.8	29	22.3	96	92	84	78	92	93	5.4
13	52.04	51.61	52.53	51.09	51.19	52.51	25.2	26	28.6	27.7	26	26.8	29	24	93	95	82	87	97	89	61.7
14	51.27	51.80	52.63	51.66	51.94	52.86	26.4	25.5	26.4	25.9	25.2	25.5	27.1	24.5	89	93	90	93	93	95	66.8
15	52.58	53.46	55.35	54.16	55.83	57.29	25	24	30.4	31.5	27	26	31.8	23.5	93	95	73	72	87	87	------
16	57	57.50	58.73	57.09	57.56	59.20	26	24	28.5	26	24.5	23.8	30	23.1	92	96	74	92	96	93	9.9
17	58.48	58.67	59.33	57.09	58.54	60.17	24.3	24	30.5	32.6	25	23.2	34	22.4	91	91	65	64	88	95	2
18	59.51	59.89	60.28	57.63	59.04	60.29	22.1	22.2	29.8	31.9	25.8	24.2	33.4	21	94	94	73	64	90	90	------
19	59.17	60.21	60.56	58.77	59.52	60.39	23.4	23	30	27	26	24.2	30.5	21.7	90	91	69	80	89	86	------
20	59.79	60.30	60.92	59.32	60.02	61.15	24.3	24	29	30.4	26	25.5	30.7	22.8	90	90	71	73	76	80	------
21	60.28	60.24	60.63	58.29	59.10	60.35	24.6	23.5	29	30.2	26.2	23.5	32.2	22.5	88	90	72	68	82	92	------
22	59.34	59.47	59.71	57.19	57.89	59.10	23.8	23	32.5	30.6	27.2	25	33	21.8	92	91	67	72	87	92	------
23	58.17	58.82	59.53	57.19	58.29	60.04	24.4	23.4	30	30.4	26	25	31	22.9	88	93	69	64	76	76	------
24	58.54	58.85	60.50	58.68	59.97	61.36	24.4	23	29	30.5	25.6	23	31.2	21.6	88	91	64	60	71	83	------
25	60.41	60.58	61.54	59.22	59.94	61.58	23	23.3	29.4	30.4	24.4	21.5	31	20.6	86	84	62	61	80	87	------
26	60.50	60.35	60.85	58.11	58.65	60.33	21	20.5	28.6	80.6	25.3	22.4	31	18.6	83	86	60	58	75	88	------
27	59.64	59.75	60.32	57.86	58.94	60.64	21.6	22.5	29	30.6	25.7	25	31.5	20.6	90	87	64	58	78	77	------
28	59.54	60.46	61.37	59.28	59.88	61.42	24.4	23.5	28.5	29.4	26.5	26	30.4	22.5	90	87	71	62	73	76	------
29	60.12	60.67	61.91	59.27	59.73	61.29	25.2	24	29	30.4	26.5	26	31	23.8	82	83	63	56	67	76	------
30	59.99	60.78	61.19	58.62	59.11	60.18	25.8	23.6	30	32	27	25.5	32.3	22.1	81	86	60	60	72	80	------
31	59.62	59.49	60.37	58.99	59.27	60.62	25	24.6	30	29	26	25	31	23.7	85	87	70	71	84	88	------
Mean	57.86	58.18	58.90	56.76	57.60	58.89	24.1	23.7	29.7	29.9	26.1	24.6	31.5	22.5	90.8	91.3	70.2	70.3	84	87.3	------
Total																					187.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	S	1	W	1	E	1	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. E
2	E	1	E	1	SW	1	S	1	E	1	E	1	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
3	E	1	ENE	1	SW	1	NE	1	NE	1	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	S.-Cu. E
4	NE	1	NE	1	NE	1	E	1	SE	1	NE	1	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
5	NE	1	ENE	1	NE	1	SSE	1	NE	1	NE	1	4	Ci.-S. SE	Cu. E	8	Ci.-S.	Cu.-N. E
6	NE	1	NE	1	E	2	NE	2	NE	1	E	1	9	Ci.-S.	N. E	7	Ci.-S.	Cu. E
7	NE	1	E	1	NE	2	NE	1	NE	1	NE	1	4	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
8	E	1	E	1	E	1	ENE	1	NW	1	NW	1	4	Ci.	Cu. E	6	Ci.-S.	Cu.-N. E
9	E	1	E	1	E	1	E	1	E	1	E	1	7	Ci.-S.	Cu. NE	9	Ci.-S.	Cu. NE
10	E	1	E	1	E	2	E	1	E	1	NE	1	7	Ci.-S.	Cu. NW	9	Ci.-S.	N. NNW
11	NE	1	NE	1	NE	1	NE	2	NE	1	NE	1	9	Ci.-S.	S. NE	10	Ci.-S.	N. NNE
12	NE	1	N	1	NE	1	NE	2	SW	2	SW	2	10	Ci.-S.	S. NNW	9	Ci.-S.	S.-Cu. NW
13	SW	2	SW	3	SW	3	SW	3	SW	4	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. W
14	SW	4	SW	4	SW	3	SW	4	SW	3	SW	2	10	Ci.-S.	N. W	10	Ci.-S.	N. W
15	SSW	3	NE	1	SW	3	SW	3	SW	3	SW	2	8	Ci.-S.	S.-Cu. SW	8	Ci.-S,	Cu.-N.SW
16	NE	1	NE	1	NW	2	SE	1	NE	1	NE	1	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. W
17	NE	1	NE	1	N	1	SW	1	NE	1	NE	1	6	Ci.-S.	Cu. W	7	Ci.-S.	Cu.-N. W
18	E	1	E	1	S	1	E	2	E	1	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
19	NE	1	E	1	E	3	SE	2	NE	1	NE	1	5	Ci.-S.	Cu. SE	10	Ci.-S.	N. SE
20	NE	1	E	1	NE	3	NE	1	NE	1	NE	1	6	Ci.-S.	S.-Cu. SE	7	Ci.-S.	S.-Cu. SE
21	NE	1	S	2	NE	2	S	2	NE	1	NE	1	6	Ci.-S. SW	Cu. SE	8	Ci.-S.	Cu.-N. SE
22	E	1	E	1	SW	3	W	2	E	1	NE	1	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
23	NE	1	E	1	NE	1	E	2	NE	2	NE	1	7	Ci.-S.	Cu. SE	9	Ci.-S. SW	Cu.-N. SE
24	NE	1	NE	1	NE	3	NE	2	NE	1	NE	1	6	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
25	NE	1	NE	1	E	3	E	2	NE	1	E	1	5	Ci.-S.	Cu. SE	8	Ci.-S. SW	Cu. SE
26	NE	1	NE	1	NE	2	NE	1	NE	1	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu. SE
27	NE	1	NE	1	NE	2	NE	1	NE	1	NE	1	5	Ci.-S.	Cu. SE	8	Ci.-S.NNE	Cu. SE
28	NE	1	E	1	NE	3	E	3	NE	3	NE	3	9	Ci.-S. NE	Cu. SE	7	Ci.-S.	Cu. SE
29	E	2	E	3	NE	2	E	3	NE	2	NE	1	5	Ci.-S.	Cu. SE	5	Ci.	Cu. SE
30	NE	1	NE	1	E	2	E	2	NE	1	NE	2	5	Ci.	Cu. SE	6	Ci.-S. NE	Cu. SE
31	NE	2	NE	3	NE	2	E	3	NE	2	NE	1	7	Ci.-S.	S.-Cu. SE	9	Ci.-S.	Cu. SE
Mean		1.3		1.3		1.9		1.8		1.4		1.3	6.3			7.9		

AMBULONG, TANAUAN.

[ϕ=14° 07′ N ; λ=121° 04′ E ; barometer above sea, 10.5 meters ; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.40	60.04	60.47	58.92	59.49	61.03	24.8	24.9	28.5	28	26	25	30	23.5	92	92	74	71	80	83	------
2	59.55	59.74	60.34	58.57	59.54	60.60	25	24.5	29.4	29.3	27.6	26.6	31	24	83	87	72	79	73	81	------
3	60.04	60.34	60.64	58.47	59.29	60.80	24.2	24.8	30	31	27.5	25.6	31.5	24	90	87	71	65	73	87	------
4	59.85	59.99	61.20	58.95	59.45	60.59	24.8	25	26	27	26.2	26	27.6	24	85	88	89	84	82	84	3.8
5	59.68	60.17	61.39	59.14	59.70	60.98	25.5	25	30	27	26	25	30.3	24	91	92	71	86	84	92	2.3
6	59.75	60.15	60.78	58.56	59.47	60.53	25	25	29.5	31.5	27.5	26.2	32	24	88	92	76	63	76	86	------
7	60.22	60.54	61.22	59.13	59.85	60.74	26	25.4	30.2	28.2	26.5	26	30.5	25	82	85	70	77	84	84	------
8	59.97	60.24	61.59	59.26	60.19	61.47	26	25	28	29.6	26.5	25.8	30	24.6	88	92	82	74	85	85	1.3
9	60.08	60.37	61.03	58.63	59.59	61.24	25.2	25	30.2	30.8	26.5	25.2	31.2	24	90	88	67	69	80	90	3.8
10	59.98	60.17	61.32	58.62	59.16	60.87	24.8	24	27.6	27.4	25.6	24.7	29	22.8	88	91	80	74	80	86	------
11	59.95	60.09	61.18	59.02	59.59	61.30	23.4	24	28.5	30.2	26	24.4	30.4	22.6	95	91	70	58	76	85	------
12	60.80	60.54	61.47	59.08	59.99	61.19	23.8	23.7	29.5	30.6	27	24.8	31.3	22.5	90	89	68	58	74	85	------
13	60.68	60.85	61.89	59.87	60	61.09	24.7	23	29.4	28.2	24.9	22	30.4	20.2	86	91	66	66	76	88	------
14	60.63	61.37	61.93	59.61	60.29	61.31	22	20	28.8	29	25.1	22	29.6	19	82	91	65	58	75	91	------
15	60.71	61.41	62.33	60.42	61.68	62.53	20.4	22.5	28.5	28.6	23.6	23	31	19.4	96	80	60	63	88	91	1.3
16	61.69	61.98	62.44	60.12	60.75	61.85	23.5	22.4	28	28.6	25	23.5	29	21.9	87	92	70	66	76	87	------
17	60.81	60.99	61.63	59.21	60.14	61.62	23.6	23	28.6	30.1	25	23.2	30.7	21.9	94	93	60	52	79	84	------
18	60.89	62.01	62.60	60.17	61.15	61.93	22.4	22.1	28.1	30.5	26	24.5	31	21.5	93	90	65	56	65	84	1.5
19	60.92	61.59	62.44	61.32	61.48	62.41	24.2	24	28.5	26.7	24.6	25	30	23.2	92	91	73	79	88	83	4.8
20	61.40	62.09	62.95	60.89	61.68	62.12	24.3	24.2	28	29.2	25	24.2	31	23.1	92	90	77	70	85	86	1.3
21	61.37	61.93	62.05	59.92	60.95	61.59	24	23.5	29.2	29.2	24.6	25	30	22.3	91	90	67	70	88	83	------
22	60.58	60.27	61.03	59.93	60.15	61.87	24.4	25	25	25.2	25.9	25.4	26.7	23.5	85	83	85	83	74	80	4.1
23	61.22	61.29	62.52	60.64	61.74	62.94	24	24.5	26.5	28.5	25.5	25.3	29.4	23	83	84	77	67	80	80	------
24	62.08	62.37	62.98	60.89	61.79	62.82	24.7	24.4	29	27.5	24	24.2	29.2	23.3	80	80	59	66	83	74	------
25	62.24	62.21	62.79	60.42	60.97	61.45	22.3	21.5	28.5	28	25.5	24.2	29.9	21.5	83	87	60	62	80	82	------
26	59.96	60.14	60.92	58.27	59.02	59.68	23.6	23.2	29	29.6	26.2	23.5	30.9	22	86	82	58	57	67	84	------
27	57.94	57.72	58.56	56.59	57.37	58.71	23.9	22.8	24	25.5	24.5	23	27	22	85	84	88	93	87	91	.5
28	57.48	58.81	60	57.79	58.44	59.69	23.9	23.7	28	28	26	24.6	30.8	21.9	90	91	80	77	81	88	------
29	58.90	59.53	60.27	58.16	58.89	60.09	23.3	23	29	29	26.5	25.5	31	22	92	91	71	70	80	86	------
30	59.09	60	60.74	58.89	59.91	60.62	24.6	24.2	29	30.3	25.5	24	31	23	88	91	68	63	84	91	------
Mean	60.26	60.63	61.42	59.32	60.06	61.19	24.1	23.8	28.4	28.7	25.7	24.6	30.1	22.7	88.2	88.5	71.3	69.2	79.4	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	24.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	2	NE	3	E	3	NE	2	NE	2	8	Ci.-S.	Cu. SE	9	Ci.-S.	Cu. SE
2	NE	3	NE	1	NE	3	NE	2	NE	2	NE	2	6	Ci.-S.	Cu. SE	6	Ci.-S.	Cu.-N. SE
3	NE	1	NE	2	NE	3	NE	3	NE	3	NE	1	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
4	NE	1	NE	2	NE	2	NE	1	NE	3	NE	3	7	Ci.-S.	S.-Cu. SE	9	Ci.-S. NW	N. SE
5	NE	2	NE	1	NE	3	NE	2	NE	2	NE	1	8	Ci.-S. SW	Cu. SE	9	Ci.-S.	N. SE
6	NE	1	ENE	2	NE	2	NE	3	NE	3	NE	1	9	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
7	NE	2	NE	1	NE	3	NE	3	NE	2	NE	3	9	Ci.-S.	S.-Cu. SE	9	Ci.-S. NW	S.-Cu. SE
8	NE	2	N	1	NE	3	NE	3	NE	2	NE	2	6	Ci.-S.	Cu. SE	8	Ci.-S.	N. SE
9	NE	2	NE	2	NE	3	NE	3	NE	1	NE	2	8	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
10	NE	1	NE	1	NE	3	E	3	NE	3	E	1	8	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
11	NE	2	NE	3	NE	3	NE	3	NE	1	NE	1	7	Ci.-S. E	Cu. SE	7	Ci.-S.	Cu. SE
12	NE	2	NE	1	NE	3	NE	3	NE	1	NE	3	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
13	NE	2	NE	2	NE	2	NE	2	NE	1	NE	2	6	Ci.-S. ENE	Cu. SE	6	Ci.-S.	Cu. SE
14	NE	1	NE	1	NE	3	NE	3	ENE	2	NE	1	4	Ci.	Cu. SE	7	Ci.-S. ENE	Cu. SE
15	NE	1	N	1	E	2	NE	2	NE	1	NE	1	6	Ci.	Cu. SE	9	Ci.-S.	S.-Cu. SE
16	NE	2	NE	1	E	2	ENE	2	NE	1	NE	1	5	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
17	NE	1	NE	1	NE	3	NE	2	NE	2	NE	1	8	Ci.-S.	S.-Cu. SE	5	Ci.-S.	Cu. SE
18	NE	1	NE	1	NE	2	NE	2	NE	1	NNE	1	7	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
19	NE	1	ENE	1	NE	2	ENE	3	ENE	1	NE	1	8	Ci.-S.	S.-Cu. SE	10	Ci.-S.	N. SE
20	NE	1	NE	2	ENE	2	NE	2	NE	1	NE	1	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
21	NE	1	NE	1	NE	3	NE	2	NE	1	NE	3	9	Ci.-S. ESE	N. E	6	Ci.-S.	Cu. E
22	ENE	3	E	3	ENE	2	ENE	3	NE	3	ENE	1	9	Ci.-S.	N. E	9	Ci.-S.	S.-Cu. E
23	NE	1	NE	2	E	3	E	3	NE	3	NE	3	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
24	NE	2	NE	2	NE	4	ENE	3	ENE	3	NE	3	7	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
25	ENE	1	NE	1	ENE	3	ENE	3	ENE	3	ENE	3	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
26	NE	3	ENE	3	ENE	3	NE	3	NE	1	NE	1	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
27	NE	1	ENE	1	N	1	Calm	----	NE	1	E	1	9	Ci.-S. NNE	S.-Cu. E	10	Ci.-S. NE	N. E
28	NE	1	NE	1	W	1	NE	1	NE	1	NE	1	6	Ci.-S.	S.-Cu. E	6	Ci.-S.	S.-Cu. E
29	NE	1	NE	1	ENE	3	E	2	NE	2	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
30	NE	1	ENE	1	ENE	3	NE	3	NE	1	NE	1	9	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. E
Mean	------	1.5	------	1.5	------	2.6	------	2.4	------	1.8	------	1.6	7	------------	------------	7.4	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.97	60.40	60.84	58.72	59.58	60.61	23.7	23	28.8	29.8	24.9	20	31	20	94	91	69	60	72	96	------
2	59.90	60.60	61.30	59.07	59.78	61.02	20.1	21.4	28	31.4	26.6	22.3	31.5	19.5	94	96	70	57	80	88	------
3	60.54	61.18	62.35	60.36	61.28	62.33	21.1	20.5	27.7	30	26	23.7	30.5	19.5	94	96	65	65	76	89	------
4	61.54	62.38	63	61.37	61.95	63.09	23.6	24	29	28.1	26	24.8	30.3	23	86	86	67	74	76	82	------
5	61.82	62.65	63.47	61.23	61.88	62.82	24	23	26.9	28	25	24	28.3	22.4	91	92	77	70	76	83	------
6	61.56	62.60	63.09	60.75	61.40	62.73	24	23.4	27.9	27	25.2	23.8	28.4	22.5	91	88	71	73	79	90	2.5
7	61.91	61.99	62.62	60.06	61.19	62.44	23.6	23	27	30	25	24.8	30.3	22.1	93	93	77	62	83	81	------
8	60.68	61.05	61.49	59.04	60.12	61.35	25	24	27.5	28.6	26	24.6	29.4	23	80	87	77	71	79	90	3
9	60.08	60.29	61.95	59.72	60.42	61.47	24.6	24	27.3	28.5	25	24.5	29.7	23.4	87	87	71	70	85	84	------
10	60.51	60.69	61.84	59.83	60.68	61.89	24.7	24	28.2	30.3	26	24.3	30.4	23.5	86	87	72	63	78	85	6.1
11	60.68	60.50	60.89	58.37	59.39	60.49	24.9	23.5	28	30.3	26.1	25.5	31	22.9	86	96	82	67	83	84	1.3
12	59.63	60.07	60.85	57.64	59.04	60.19	24.9	24.8	29	31.3	26.5	25.5	31.5	24	91	90	72	64	82	86	------
13	59.11	59.55	60.67	58.87	60.20	60.80	25.2	25	29.6	30.7	25.6	24.7	31	24.5	90	88	70	61	86	86	------
14	59.25	59.28	60.37	58.31	59.58	60.24	24.5	24.4	25.8	28	24	24.2	28.3	23.5	84	84	85	71	95	95	7.9
15	59.22	59.36	60.07	58.02	58.89	60	24.5	24	27.4	28.3	26	25	30.2	23	88	91	81	79	87	83	------
16	59.26	60.28	60.95	58.67	59.57	60.89	25	25	27	30.5	26.6	25	30.5	23.5	92	91	84	68	80	83	1
17	60.54	60.66	61.29	59.44	60.64	61.25	24	23.2	28.7	27	25.5	24	30	21.4	88	85	66	77	81	91	3.8
18	59.90	60.64	61.76	60.15	61.30	61.56	24.4	24.8	26.1	26.5	24.4	24	27.7	23.5	87	85	87	80	85	83	1.3
19	60.94	61.79	62.19	60.44	61.83	63.05	24	23	26	28.4	24.3	23.8	29	23	83	91	80	72	89	93	22.7
20	62.58	62.49	62.80	60.43	61.60	62.65	23.1	23.3	26.5	28	25.2	24	29	22.4	92	92	80	74	82	88	.8
21	61.79	61.51	62.77	59.27	60.37	61.37	24	23.5	26.9	29	25.3	24.3	30	22.9	88	89	80	70	81	89	------
22	60.35	60.13	60.59	57.62	58.49	59.88	24	24	29	31	26.5	25.1	32	22.4	90	88	71	63	80	87	------
23	59.63	59.77	60.64	57.89	59.62	60.67	25	24.3	28.5	28	26	25.5	29.3	23.7	85	89	67	74	76	80	------
24	59.82	60.23	60.87	58.72	59.52	60.19	25.2	24	29	29.8	26	25	30.2	23.1	82	96	65	62	72	82	------
25	59.12	59.46	60.65	58.44	58.97	59.94	23.8	23.8	29	29	25	23	30	22	89	86	70	71	92	93	------
26	59.42	59.60	60.43	57.84	58.13	59.92	23	22.2	29.5	32.5	27.5	25.4	33	21.3	91	93	78	65	73	88	------
27	59.14	59.56	60.29	58.26	59.14	60.54	24.8	24	28.5	30.8	26.4	24.5	32	23	85	85	63	58	76	84	1.5
28	60.48	60.90	61.55	59.42	60.73	61.86	23.3	22.4	27	28	24.5	24.3	29.1	22	89	93	77	67	79	74	------
29	61.81	62.04	62.62	60.52	61.99	63.15	23.8	23.5	28	29.2	24.6	24.6	30	22	88	79	68	63	87	87	------
30	62.29	63.24	64.13	62.58	63.28	64.40	24.5	23.5	26	27.1	24.1	24.5	28	23	87	92	81	76	87	76	1
31	63.61	63.81	64.44	62.78	64.18	64.97	24.1	24	27	26.5	24.5	24	28.8	23	79	75	72	73	79	78	------
Mean	60.55	60.93	61.70	59.48	60.48	61.54	24	23.6	27.8	29.1	25.5	24.3	30	22.5	88.1	89.1	74	68.4	81.2	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	52.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	NE	1	E	2	ENE	1	NE	1	Calm	----	8	Ci.-S. SE	S.-Cu. E	6	Ci.-S.	Cu. E
2	NE	1	Calm	----	NE	2	NE	1	E	1	NE	1	8	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
3	E	1	E	1	E	1	ENE	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
4	NE	1	NE	1	E	3	ENE	2	E	2	NE	1	9	Ci.-S. NE	S.-Cu. E	6	Ci.-S. NE	Fr.-Cu. E
5	NE	1	NE	2	NE	2	ENE	2	NE	2	NE	2	10	Ci.-S.	N. E	9	Ci.-S.	Cu.-N. E
6	NE	2	NE	1	NE	2	NE	2	NE	2	NE	2	8	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
7	NE	2	NE	2	NE	2	NE	3	NE	3	NE	2	7	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
8	ENE	2	NE	2	E	1	NE	3	NE	1	NE	1	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
9	NE	3	NE	3	ENE	3	NE	3	NE	3	NE	3	8	Ci.-S. NE	Cu. E	9	Ci.-S.	Cu.-N. E
10	NE	1	NE	1	NE	3	NE	3	ENE	3	NNE	1	7	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
11	NE	2	NE	2	ENE	2	NE	3	NE	2	NE	2	10	Ci.-S. ESE	N. SE	7	Ci.-S.	Cu. SE
12	NE	1	NE	1	ENE	1	ENE	3	NE	1	NE	2	5	Ci.-S.	Fr.-Cu. SE	6	Ci.-S.	Cu. SE
13	NE	2	NE	1	NE	2	ENE	3	ENE	1	N	1	7	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
14	NE	3	E	2	ENE	2	ENE	3	ENE	2	ENE	1	8	Ci.-S. ENE	S.-Cu. SE	8	Ci.-S.	Cu.-N. SE
15	NE	1	ENE	2	ENE	1	ENE	1	NE	1	NE	1	8	Ci.-S.	Cu. SE	8	Ci.-S. ENE	Cu.-N. SE
16	ENE	1	ENE	1	NE	2	NE	3	NE	1	NE	1	8	Ci.-S.	Cu.-N. SE	6	Ci.-S.	Cu. SE
17	E	1	NE	2	NE	3	ENE	3	NE	1	NE	1	4	Ci.	Cu. SE	9	Ci.-S.	N. SE
18	ENE	1	ENE	1	ENE	2	ENE	3	ENE	2	ENE	3	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	N. SE
19	ENE	2	NE	1	NE	2	E	3	ENE	1	ENE	1	8	Ci.-S.	Cu.-N. SE	7	Ci.-S.	S.-Cu. SE
20	ENE	2	ENE	2	NE	2	NE	3	NE	2	NE	2	10	Ci.-S.	N. SE	8	Ci.-S.	Cu. SE
21	NE	1	NE	1	ENE	2	NE	3	NE	1	NE	1	8	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
22	ENE	1	NE	2	NE	3	NE	2	NE	1	NNE	1	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
23	NE	1	NE	1	ENE	3	NE	2	NE	3	NE	1	9	Ci.-S.	N. SE	6	Ci.-S.	Cu. SE
24	NE	2	NE	1	ENE	3	ENE	3	NE	1	NE	1	7	Ci.-S. NE	Cu. SE	7	Ci.-S.	Cu. SE
25	NE	1	NE	1	NE	1	E	1	E	1	NE	1	5	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
26	E	1	E	1	NE	1	NE	1	W	1	NE	1	5	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
27	NE	1	NNE	1	NNE	3	NNE	1	NE	1	NE	2	9	Ci.-S. ESE	S.-Cu. SE	9	Ci.-S.	Cu.-N. SE
28	NE	1	E	1	NE	2	NE	2	NE	3	NE	2	9	Ci.-S. E	N. SE	6	Ci.-S. E	Cu.-N. SE
29	NE	2	NE	3	NE	3	NE	3	NE	3	E	3	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
30	NE	2	ENE	1	ENE	2	NE	2	NE	2	ENE	3	8	Ci.-S.	Cu.-N. SE	9	Ci.-S.	S.-Cu. SE
31	NE	3	NE	3	ENE	4	ENE	4	NE	4	ENE	4	8	Ci.-S. ENE	S.-Cu. SE	8	Ci.-S.	Cu. SE
Mean	------	1.5	------	1.5	------	2.2	------	2.4	------	1.7	------	1.6	7.7	------	------	7.4	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.88	61.21	61.53	59.88	60.03	61.61	26	25.5	27.6	26.4	25.6	26	27.8	23.4	92	88	84	83	93	88	19.1
2	60.12	60.59	61.34	58.74	59.53	60.51	24.4	25.4	26.3	28.8	25.1	25.5	28.8	23.7	91	88	89	76	89	88	4.3
3	59.94	60.14	61.03	59.23	59.73	61.09	25	25	27	28.3	26.5	26	28.3	24	92	92	88	82	85	89	24.4
4	60.46	60.91	62.43	61.03	60.79	61.96	25.6	25.5	27.4	27	26.4	26	27.8	24	90	91	85	88	85	85	------
5	60.86	61.01	62.22	59.86	60.23	61.34	26	25.9	28.3	29	26.3	25.5	29.2	24.8	84	85	79	82	94	88	------
6	60.13	60.18	61.12	59.13	59.52	60.66	25	24.8	26	28.4	26.4	25.5	28.5	23	85	86	84	71	79	92	1.5
7	59.86	59.96	60.96	58.83	59.53	61.12	25.6	25.8	27.6	28	26.5	24	28.3	23.5	87	85	81	80	84	96	12.2
8	59.75	59.88	61.48	59.31	60.13	61.24	24	23.5	28	28.6	26	24.8	28.8	23.3	95	99	81	77	92	95	12.8
9	59.79	59.84	60.53	58.82	59.17	60.14	26	25	28	28.5	26.5	25.3	30.3	24.1	92	97	85	85	91	94	33
10	59.40	59.56	60.63	58.62	59.31	60.04	24.6	25.5	27.5	28.6	26.6	25.5	28.8	24.4	95	92	84	78	87	92	4.8
11	59.52	59.98	61.26	59.54	60.64	61.13	24.1	23.4	28.9	25.1	24.6	24.4	29	23.1	96	97	76	91	92	92	62.5
12	60.10	61.20	61.90	59.54	60.67	61.53	22.4	22.9	24	26.2	24.9	25.1	26.8	22	96	97	96	85	92	92	20
13	60.49	61.65	62.30	60.26	60.91	61.27	24.8	22	28.5	29.3	25.5	23.6	30.3	21.6	93	96	74	70	88	99	1
14	60.10	61.08	62.40	60.11	61.73	62.34	22.4	21.2	27.5	29.5	26	25.5	29.6	21	99	99	82	75	85	92	2.5
15	61.20	62.05	63.26	60.76	62.06	62.97	24	23.5	28	28	24.7	24.4	29	23.2	93	96	77	80	94	97	.5
16	61.98	62.40	63.59	61.11	61.51	62.14	23.5	22.5	28	28.8	25	23.4	30.3	22.5	96	100	78	72	92	97	------
17	60.98	61.50	62.62	60.51	60.73	61.61	22.6	22.7	27.2	27.7	26	24.5	29	22	98	98	75	79	89	97	16
18	60.88	61.67	62.91	60.41	60.99	61.79	23.6	23.4	27	28	25	22.5	28.3	21.7	97	97	80	74	88	99	.5
19	61.10	61.50	62.60	60.84	61.84	62.48	21.5	20.6	27.2	28.6	26	23	28.8	20.5	99	99	79	71	76	96	------
20	61.18	62.28	62.78	60.43	61.08	61.96	22.6	21.4	28	28.6	25	24	30.3	21	97	96	70	73	92	96	------
21	61.03	61.79	63.17	61.01	61.17	61.70	23.8	22.8	28.5	29	25.5	22.9	30.3	22.5	93	97	70	71	90	97	------
22	61.13	62.06	63.69	62.06	62.52	63.04	22.6	21.7	28.5	29.7	26.5	25.4	29.9	21.6	97	98	74	70	77	80	13.5
23	62.42	63.32	64.14	62.28	62.21	62.70	25.6	25	27.5	25	25.4	24.6	28	24	87	88	78	88	84	91	16.8
24	62.05	62.74	63.88	61.75	62.12	63.53	24.2	23.9	24.8	24.9	25.5	23.9	26.3	23	95	98	93	92	88	88	35.3
25	63.16	64.03	65.21	63.40	63.82	64.60	22.8	22.4	22.5	24.8	23.5	26	26.2	21.9	95	97	96	93	94	80	17
26	63.88	64.61	65.45	63.65	64.50	65.43	24.8	25.1	25.4	24.4	23	24.5	26.6	22.7	87	83	88	92	96	86	16
27	64.63	64.88	66.03	63.74	64.13	65.27	24	24.4	25.4	27	24.4	24.5	27.1	22.6	83	68	66	63	68	59	.8
28	64.40	64.93	65.81	64.08	64.40	64.86	24	23.6	25.1	27.1	24	24	27.3	22.9	67	74	66	62	86	87	3.3
29	63.78	64.18	65.19	63.24	64.02	65.46	25	25	27.4	28.5	25.8	25.5	28.8	24	80	80	67	64	74	72	.5
30	64.53	64.61	65.85	64.26	64.44	65.30	25	25	27	27.9	25	25	28.1	23	80	80	75	65	83	76	2.8
31	64.75	65.30	66.38	64.52	64.43	65.78	25	25	25.4	26.1	24	22.8	27.3	22	83	83	80	77	87	93	12
Mean	61.43	61.97	63.02	61	61.54	62.47	24.2	23.9	27	27.6	25.4	24.6	28.5	22.8	90.8	91.1	80	77.7	86.9	89.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	333.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	ENE	ENE	ENE	ENE	116.7	101.4	87.7	83.7	389.5	10	Ci.-S.	Cu. ENE	10	Ci.-S	S.-Cu. ENE
2	Calm	ENE	ENE	ENE	Calm	ENE	71.1	109.7	-----	59.2	-------	8	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
3	ENE	ENE	NE	ENE	ENE	ENE	74.3	89.9	89.6	90.1	343.9	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
4	E	E	ENE	NE	ENE	ENE	-----	-----	-----	146.4	-------	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
5	ENE	ENE	ENE	ENE	ENE	ENE	151.8	166.3	146.9	73.4	538.4	10	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
6	ENE	E	E	E	E	E	44.1	73.5	82.1	75.8	275.5	4	Ci.	Cu. E	10	Ci.-S.	Cu. E
7	E	E	ENE	ENE	ENE	Calm	52.9	92.2	91.7	45.7	282.5	4	Ci.	Cu. E	10	Ci.-S.	Cu. E
8	Calm	Calm	E	E	E	E	14.3	43.8	68.4	35.9	162.4	5	Ci.	Cu. E	5	Ci.	Cu. E
9	E	Calm	NE	ENE	ENE	Calm	50.7	53.6	88.2	30.1	222.6	10	------------	N.	3	Ci.	Cu. E
10	Calm	E	ENE	E	E	E	40.2	100.4	74.5	65.7	280.8	7	Ci.	Cu. E	9	Ci.-S.	Cu. E
11	E	Calm	E	E	E	E	44.5	38	125.3	164.6	372.4	7	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
12	ENE	ENE	ENE	ENE	E	E	108.4	134.9	-----	72.7	-------	10	------------	N. ENE	10	Ci.-S.	Cu. ENE
13	E	Calm	WNW	NE	Calm	Calm	30.4	30.6	44.1	19.1	124.2	1	Ci.	Cu.	2	Ci.	Cu. SE
14	Calm	Calm	ENE	ENE	ENE	ENE	15.8	34.4	58.5	43.3	152	3	Ci.	Cu.	2	Ci.	Cu. ENE
15	Calm	Calm	ENE	ENE	ENE	Calm	20.9	45.6	70.2	25.2	161.9	8	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
16	Calm	Calm	NE	NE	Calm	Calm	16.4	33.2	36	9.1	94.7	8	Ci.-S.	Cu. ENE	6	Ci.	Cu. ESE
17	Calm	Calm	Calm	NE	Calm	Calm	17.7	28.2	32.5	11.3	89.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
18	Calm	SE	Calm	NE	Calm	Calm	17.7	25.5	48.3	18.5	110	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	Cu. NE
19	Calm	Calm	E	NE	NE	Calm	18.2	38.4	68.7	33.5	158.8	0	------------	Cu.	4	Ci.	Cu. NE
20	Calm	Calm	Calm	NE	Calm	Calm	20.9	26	46.4	10.3	103.6	1	Ci.	Cu.	3	Ci.	Cu. NE
21	Calm	Calm	NE	NE	Calm	Calm	20.6	26.9	44.6	7	99.1	2	Ci.	Cu.	4	Ci.	Cu. SE
22	Calm	Calm	NE	NE	NE	NE	15.5	39.1	64.4	62.5	181.5	0	------------	Cu.	5	Ci.	Cu. ENE
23	NE	NE	NE	NE	NE	ENE	85.6	110.8	119.6	115.3	431.3	8	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
24	NE	NE	ENE	ENE	ENE	ENE	132.3	167.3	150.2	130.7	580.5	10	------------	N.	10	Ci.-S.	S.-Cu. NE
25	ENE	Calm	Calm	Calm	Calm	ENE	41.2	27.2	28.5	86.9	183.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Fr.-N. SE
26	ENE	ENE	ENE	NE	NE	NE	112.1	125	186.4	205.4	628.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. ENE
27	ENE	ENE	ENE	ENE	ENE	ENE	216.2	190.2	199.2	175.4	781	10	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
28	NE	NE	NE	NE	NE	NE	160.1	140.3	115.7	103.6	519.7	7	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. NE
29	NE	NE	NE	NE	NE	NE	114.6	126.8	142.9	153.2	537.5	6	Ci.	Cu. NE	4	Ci.	Cu. NE
30	ENE	ENE	NE	ENE	ENE	ENE	96.9	153.2	194.9	196.3	641.3	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
31	NE	NE	NE	NE	NE	ENE	214.8	222.7	215.8	191.7	845	6	Ci.	Cu. NE	7	Ci.	Cu. NE
Mean	------	------	------	------	------	------	71.2	86.5	97.2	82	331.9	6.9	------------	------------	7.1	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct*	*P. ct.*	*P. ct.*	*mm.*
1	64.78	65.08	63.75	64.76	64.77	65.77	24	24.5	25	27.7	25.2	25	27.8	22	83	83	72	60	74	69	5.3
2	64.08	64.55	65.41	63.03	63.35	64.14	24.8	24	25.5	25	25	25	27	22.6	75	83	81	88	80	83	9.1
3	62.38	62.72	63.98	61.93	61.74	62.99	24.8	24	24.9	28	25.5	25	28.3	23	82	83	87	70	76	76	2.5
4	61.78	61.98	62.78	60.71	61.11	61.86	24.8	24.4	28.4	28.1	25.4	24.5	28.6	23.1	77	80	68	74	81	86	------
5	61.78	61.88	62.92	61.16	61.33	62.83	23.8	24.5	28.2	29	26.1	23.5	29.3	23	90	87	74	71	79	97	42.3
6	62.08	62.14	63.43	61.78	62.10	63.12	23	23.1	24.4	24.5	24	23	25.3	22.5	98	99	89	88	86	96	30
7	62.07	62.24	62.91	61.22	61.43	62.22	24.2	22.8	27.9	28.2	25.1	23.6	29	22.5	88	93	78	69	87	90	1.3
8	60.48	61.13	62.43	60.53	60.71	62.31	22.6	20.8	27.7	29.1	25.3	23.4	29.8	20.6	95	98	69	70	83	97	4.1
9	60.98	61.75	62.98	60.90	61.07	61.98	22.7	21.6	28.5	29	26	24.9	30.3	21.6	98	99	74	74	84	88	------
10	60.78	61.50	62.76	61.01	61.63	62.59	22.6	21.6	27.2	28.1	25	23.2	30	21.5	97	99	78	73	92	98	7.1
11	61.95	61.98	63.36	61.78	62.48	64.24	21.6	24.4	26.2	27	24	23	29	21.5	96	92	90	83	91	97	41.7
12	63.70	64.60	65.36	63.19	63.10	63.94	23	22	24.5	25.4	24.1	24.4	25.8	21.9	97	94	83	78	82	83	4.1
13	63.09	63.64	64.67	62.49	62.98	64.23	24.1	23	26	28	25	24.5	28.8	22	91	91	76	71	86	75	3.6
14	63.42	63.67	65.14	63.11	63.64	65.16	24.8	25	27.6	29	25.2	24	29.2	22.5	77	76	68	64	82	87	------
15	63.58	64.13	65.15	63.08	63.83	65.08	23	21	27.8	29.4	25	22	30	20.6	87	95	73	65	77	96	------
16	64.30	65.07	63.24	63.61	63.32	64.33	21.7	21	27.6	29.5	25.5	25	30.1	20.7	94	95	73	68	79	79	------
17	63.03	63.43	64.41	62.23	62.31	62.95	24.8	25	28.4	27.5	25.8	24.8	30.3	24	79	80	68	81	81	85	1
18	61.44	61.75	63.14	60.93	61.17	61.99	24.5	22.7	27	28.4	26	25.4	29	22.5	84	95	77	68	76	73	1.8
19	60.74	60.98	62.37	60.83	60.66	61.98	25	24.8	28	30.2	26	23.2	30.7	22.6	76	77	70	64	76	90	------
20	60.95	60.30	61.63	59.88	59.61	60.69	25	25	28	25.8	25.4	24.8	29.3	22.6	76	76	71	85	90	97	35.7
21	60.45	60.53	61.46	59.26	59.36	60.54	24	24.3	27	29.4	26.2	25.5	29.8	23.3	97	97	84	72	90	92	------
22	59.46	59.65	60.83	58.99	59.26	60.16	24	23	27.5	29.6	26	24	30.3	22.9	96	98	78	70	84	91	.5
23	59.22	59.90	60.43	58.47	58.70	60.23	23	22	29	30	26.2	25.8	30.3	21.8	95	98	71	68	84	80	.5
24	59.30	60.09	61.21	59.82	60.33	61.17	23.5	22	28.1	29.8	26.3	25.5	30.5	22	92	100	63	65	82	84	11.2
25	60.82	61.23	62.21	60.40	60.57	61.01	23.5	23.2	27	29.5	25.6	23.6	30.3	22.4	96	98	80	71	81	90	2.5
26	60.04	60.38	61.41	59.46	59.53	60.16	21.8	21	29	29.6	25.8	23	30	20.6	96	95	75	72	82	96	------
27	59.45	60.23	61.24	59.43	59.21	60.27	22.5	22	25.7	27.8	25.2	24.6	28.8	21.5	96	97	82	83	82	87	4.3
28	59.58	59.98	61.26	59.71	60.43	61.48	25.1	23.1	28.5	27	26	25.5	30.8	23	84	93	70	82	81	84	.8
Mean	61.63	62.02	63.14	61.20	61.42	62.48	23.6	23.1	27.2	28.2	25.4	24.3	29.2	22.2	89	91.1	75.8	73.1	82.4	87.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	209.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	ENE	ENE	ENE	186.9	221.6	207.1	212.4	828	10	Ci.-S.	S.-Cu. NE	3	Ci.	Cu. NE
2	ENE	ENE	ENE	E	NE	NE	176.7	124.5	110.4	106.2	517.8	6	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
3	ENE	ENE	ENE	ENE	ENE	ENE	111	113.5	134.9	108.9	468.3	3	Ci.	Cu. NE	6	Ci.	Cu. NE
4	ENE	ENE	ENE	ENE	ENE	ENE	95	78.6	75.8	48.3	297.7	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
5	E	E	E	NE	ENE	E	44.1	61.8	71.4	46.5	223.8	7	A.-Cu.	Cu. ENE	3	Ci.	Cu. ENE
6	Calm	NE	ENE	ENE	ENE	Calm	26	78.6	48.8	30.9	184.3	10	------	N.	10	Ci.-S.	Cu. NE
7	Calm	NE	E	E	E	E	64.7	50.4	68.2	41.8	225.1	10	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. NE
8	Calm	Calm	E	NE	NE	Calm	9.2	40.8	79.7	17.9	147.6	3	Ci.	Cu.	3	Ci.	Cu. ENE
9	Calm	Calm	E	E	E	Calm	9.4	43.8	76.6	38.8	168.6	2	Ci.	Cu. E	2	Ci.	Cu. E
10	Calm	Calm	NE	NE	Calm	Calm	15.5	28.5	43.7	9.4	97.1	0	Ci.	Cu.	7	Ci.	Cu. NE
11	Calm	ENE	E	ENE	ENE	ENE	30	63.4	152.9	254.2	500.5	10	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
12	ENE	ENE	ENE	NE	NE	NE	206	208.4	181.6	166.7	762.7	10	------	Cu.-N. ENE	10	Ci.-S.	Cu. NE
13	NE	NE	NE	NE	ENE	NE	129.5	103.3	86.4	71.8	391	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
14	ENE	ENE	E	E	E	Calm	64.1	88.8	86.3	24.1	263.3	10	Ci.-S.	Cu. ENE	2	Ci.	Cu. E
15	Calm	Calm	E	NE	NE	Calm	7.4	43.3	71.4	16.6	138.7	5	A.-Cu.	Cu. E	1	Ci.	Cu. E
16	Calm	Calm	NE	NE	E	NE	19.6	48.5	75.9	66.8	210.8	6	Ci.	Cu. E	5	Ci.	Cu. E
17	NE	NE	NE	NE	NE	NE	75.1	104.8	84.8	120.7	385.4	4	Ci.	Cu. NE	6	Ci.	Cu. NE
18	E	Calm	E	E	ENE	ENE	59.2	44.3	82.1	74.5	260.1	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
19	E	E	E	E	E	Calm	65.5	79.5	74.2	21.5	240.7	6	Ci.	Cu. E	6	Ci.	Cu. E
20	E	E	ENE	ENE	NE	NE	54.1	85.5	85	90.7	315.3	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. ENE
21	Calm	Calm	ESE	E	E	E	11.6	83.5	71.4	32.8	199.3	10	Ci.-S.	S.-Cu. NE	3	Ci.	Cu. E
22	Calm	Calm	E	NE	E	Calm	6.4	50.9	93.5	42.9	193.7	3	Ci.	Cu. ESE	2	Ci.	Cu. E
23	Calm	Calm	ESE	E	E	E	11.5	47.2	73.5	52	184.2	2	Ci.	Cu. E	2	Ci.	Cu. E
24	Calm	Calm	E	NE	NE	NE	8.6	46.9	75.6	63.6	194.7	2	Ci.	Cu. E	2	Ci.	Cu. E
25	Calm	Calm	ESE	NE	NE	Calm	30	37.6	72.7	26.9	167.2	10	Ci.-S.	S.-Cu. E	5	Ci.	Cu. E
26	Calm	Calm	ENE	ENE	Calm	Calm	17.1	33.5	51.5	13.9	116	3	Ci.	Cu. E	2	Ci.	Cu. E
27	Calm	Calm	E	E	Calm	E	14.7	62.8	73.4	64.9	215.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. E
28	E	Calm	NE	NE	NE	NE	59.3	51.7	86.1	66.8	263.9	1	Ci.	Cu.	10	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	57.4	75.9	89.1	69	291.5	6.5	------	------	5.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,161.6	------	------	------	------	------	------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.90	61.73	63.01	61.13	61.18	62.58	24	23.5	26.9	27	26.4	26.1	29	23.3	91	93	82	77	81	77	11.2
2	61.78	62.20	63.17	60.81	60.96	61.61	26	25.6	26.9	28.4	26.1	25.1	29	24.6	76	75	74	70	82	83	.8
3	59.98	60.44	61.56	59.26	59.57	61.01	24.8	22.5	27.4	28	26.4	25.5	30	22.2	82	96	81	79	81	88	7.1
4	60.50	60.80	62.03	59.99	59.86	61.03	24.6	24.1	28.5	25	23	22.7	29.2	22.2	92	95	78	88	91	95	14
5	60.30	60.39	61.51	59.16	59.73	60.89	22.2	24	27	30	23.4	22.4	30.1	22	98	91	84	70	92	96	22.9
6	59.89	59.99	61.49	59.35	59.51	60.92	23	23.5	25.6	28.4	26.7	26	30.6	22.8	95	96	87	82	80	88	5.5
7	59.18	59.58	60.47	58.27	58.73	59.47	24.9	23.9	29	28.7	26.9	24.5	30.8	23.5	92	96	74	73	83	97	6.1
8	58.15	58.62	59.58	57.63	57.62	58.70	24.2	24.7	27.7	28.5	26.8	25	30.2	23.8	97	94	85	81	86	97	3.8
9	57.47	57.97	58.75	56.75	57.37	58.42	23.2	22.5	28.6	30.4	27.4	27	30.8	22.1	95	98	80	72	85	88	------
10	57.75	58.80	60.16	59.11	58.93	60.22	24.8	23.3	29.5	30	27	26.1	31.3	23	95	97	73	71	84	83	------
11	59.28	59.98	60.91	59.12	58.93	60.23	24.2	23	28.4	29.8	26.8	25.7	30.1	22.7	95	98	75	66	80	90	4.8
12	59.42	59.80	60.38	58.11	58.25	59	24.8	23.9	28.5	30.9	26.5	24.5	31.3	23.4	93	97	81	69	86	96	------
13	58.47	59.41	60.51	58.56	58.06	59.49	23.1	22.4	29.8	30.1	26.8	24	31.6	22.2	95	96	76	68	92	96	------
14	59.05	59.86	61.06	59.35	59.48	61.33	22.4	21.5	30.4	30.7	27.1	24.5	31.7	21.4	96	97	70	66	79	96	------
15	60.13	60.60	61.26	60.06	60.16	60.73	22.8	22.6	29.4	28.1	27	26.9	31.1	22.4	97	97	72	79	77	72	.8
16	59.58	60.14	61.38	59.37	59.63	60.72	26	25.9	29.7	30.4	26.8	26.1	31.5	23.7	76	77	63	59	77	78	------
17	59.61	60.55	61.49	58.85	58.70	60.41	22.6	21.3	29.5	30.6	27.2	26.5	31.3	21.1	97	97	64	64	79	84	------
18	59.53	60.12	61.05	59.03	59.23	60.38	23.6	23.5	29.4	30	27.3	27	31	22.8	95	96	68	71	80	81	------
19	59.30	59.66	60.81	59.41	59.30	60.37	26	24	29	30.4	27	25	31.2	23.6	84	91	68	66	78	94	------
20	59.88	60.53	61.99	59.45	59.37	60.62	24.4	22.4	29.1	30.5	27.5	24.5	31.6	22.2	95	96	66	62	73	92	------
21	58.82?	59.08	60.01	58.21	57.85	58.94	22.3	21	29.7	30.7	27.5	23	31.3	20.8	96	95	60	64	73	91	------
22	58.06	58.50	60.41	58.70	58.11	59.18	21.5	21	29.5	30.5	26.8	23	31.3	20.8	95	95	68	62	78	93	------
23	57.62	58.61	59.98	58.26	58.59	59.74	20.8	20.4	29.7	30.5	27	23.5	31.3	20.1	94	96	64	62	75	96	------
24	59.02	60.15	61.57	60.12	60.03	61.18	22.1	21	29.6	31.1	27.6	24.5	32	20.6	96	95	67	62	73	92	------
25	60.04	61.43	62.73	60.63	60.26	61.66	22.4	20.8	29.3	31.1	27	23.5	31.3	20.5	96	96	68	60	73	87	------
26	60	60.93	62.31	60.62	60.30	61.53	22.1	21	29.7	30.8	27	25.7	31	20.5	94	95	63	60	80	86	------
27	60.66	61.44	62.53	60.37	60.81	62.37	25.1	21.4	30.1	31.3	26.5	24	31.7	21.2	89	96	55	58	76	87	------
28	60.98	61.70	62.96	60.99	60.66	62.16	23.1	21.5	30.4	30	27	24.6	31.8	21	90	97	63	65	80	96	17.8
29	60.68	61.78	62.76	61.01	60.73	61.82	24.1	23.5	27.1	27.1	26.5	25.5	29.2	23	95	96	80	83	80	84	7.4
30	60.86	61.06	62.85	61	60.92	62.04	24.3	25	30	31	27.5	26.9	31.2	24	89	88	64	63	73	81	5.6
31	60.63	60.93	62.53	59.78	60.11	61.66	25.1	23.7	26.4	30.5	27.5	24.5	30.6	23.4	91	98	89	64	78	92	8.3
Mean	59.60	60.22	61.39	59.43	59.45	60.66	23.7	22.9	28.8	29.7	26.7	25	30.8	22.3	92.3	94.2	72.3	68.9	80.2	88.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	116.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	N	N	NE	NE	NE	58.9	36	109.4	129	333.3	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
2	NE	NE	NE	NE	NE	NE	142.1	137.6	118.1	87.2	485	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
3	NE	Calm	NE	NNE	NE	NE	40.8	25.2	54.1	88.2	208.3	10	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. NNW
4	NE	NE	NE	NE	NE	Calm	46.9	83.4	69.2	17.2	216.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
5	Calm	Calm	E	ENE	ENE	Calm	16.9	41.5	88.5	16.4	163.3	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
6	Calm	ESE	Calm	ENE	E	NE	21.4	51.3	78.9	65.5	217.1	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
7	E	Calm	E	E	Calm	Calm	26.6	41	46.9	16.4	130.9	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. E
8	Calm	Calm	NNE	NE	NE	Calm	24.6	44	59.5	11.3	139.4	10	------	Fr.-N. NE	8	Ci.-S.	Cu. NE
9	Calm	Calm	ENE	ENE	ENE	ENE	12.6	34.1	74	63	183.7	2	Ci.	Cu.	6	Ci.	Cu. E
10	Calm	Calm	NE	ENE	ENE	ENE	12.1	43.3	79.7	55.7	190.8	10	Ci.	Cu. E	6	Ci.	Cu. E
11	Calm	Calm	ENE	NE	ENE	Calm	15.3	56.3	79.7	35.2	186.5	6	Ci.	Cu. E	0	------	Cu. E
12	Calm	Calm	E	NE	Calm	Calm	15	32.5	48.3	7.7	103.5	10	Ci.-S.	Cu. E	4	Ci.	Cu. E
13	Calm	Calm	NE	NE	Calm	Calm	14.7	40.4	55.8	14.8	125.7	1	Ci.	Cu.	2	Ci.	Cu. E
14	Calm	Calm	NE	ENE	ENE	Calm	19.6	40.4	74.8	20.9	155.7	0	Ci.	Cu.	2	Ci.	Cu. E
15	Calm	Calm	E	ENE	ENE	ENE	13.1	78.1	111.5	111.6	314.3	5	Ci.	Cu. ENE	8	Ci.-S.	Cu. E
16	ENE	ENE	ENE	E	E	E	86.9	82.1	68.6	33.5	271.1	4	Ci.	Cu. ENE	2	Ci.	Cu. E
17	Calm	Calm	ESE	E	E	E	10	45.7	80	39.2	174.9	0	------	Cu.	2	Ci.	Cu. E
18	Calm	Calm	E	E	E	E	12.7	56.9	96.6	59.5	225.7	1	Ci.	Cu. E	3	Ci.	Cu. E
19	NE	Calm	E	NE	NE	Calm	29	83.9	87.1	33.8	233.8	4	Ci.	Cu. E	3	Ci.	Cu. E
20	Calm	Calm	ESE	ESE	E	Calm	10	67.9	79.5	24.1	181.5	2	Ci.	Cu.	2	Ci.	Cu. ESE
21	Calm	Calm	NE	NE	Calm	Calm	9.7	41.3	58.7	16.1	125.8	1	Ci.	Cu.	0	------	Cu. E
22	Calm	Calm	NE	NE	Calm	Calm	14	31.7	51.8	8.9	106.4	1	Ci.	Cu. E	2	Ci.	Cu. E
23	Calm	Calm	ESE	E	E	Calm	18.7	44.6	80.5	15.1	158.9	2	Ci.	Cu.	3	Ci.	Cu. E
24	Calm	W	NE	NE	E	Calm	14.5	48.9	69.2	18.7	151.3	0	Ci.	Cu.	0	------	Cu. E
25	Calm	Calm	E	E	Calm	Calm	11.5	37.5	69.5	24.3	142.8	1	Ci.	Cu.	2	Ci.	Cu. E
26	Calm	Calm	ESE	E	E	E	12.3	64.6	97.4	62.5	236.8	4	Ci.	Cu. E	3	Ci.	Cu. E
27	Calm	Calm	E	E	E	Calm	7.5	48.9	84.2	33.8	174.4	0	Ci.	Cu.	2	Ci.	Cu. E
28	Calm	Calm	ENE	NE	NE	NE	9.1	47.8	81.3	77.2	215.4	0	------	Cu. E	6	Ci.	Cu. E
29	Calm	E	Calm	NE	Calm	NE	29.2	33	71.6	36.4	170.2	10	------	N.	10	Ci.-S.	Cu. E
30	E	E	E	E	E	E	41	89.3	88.7	60.6	279.6	6	Ci.	Cu. E	8	Ci.-S.	Cu. E
31	NE	Calm	S	E	Calm	Calm	26.8	41.3	80.5	11.3	159.9	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	26.6	53.2	77.2	41.8	198.8	5.2	------	------	4.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	6.162.7	------	------	------	------	------	------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.73	61.08	61.98	60.07	60.13	61.04	22.8	21.1	29	30	27	24	31	21	96	98	68	57	70	87	------
2	60.08	60.42	61.22	59.03	59.16	60.01	24.8	23	30	30.4	26	22.6	30.6	22.1	85	91	62	60	76	95	------
3	59.07	59.73	60.73	58.86	59.20	60.67	21.5	21.4	29.2	30.6	26.6	22.5	31.8	21.2	95	97	68	65	81	90	------
4	59.80	60.23	61.43	59.98	59.86	61.58	21.6	21.5	29.5	30.5	27.6	22	31.3	20.8	96	95	63	59	68	93	------
5	60.48	60.71	61.28	59.26	59.16	60.90	20.5	20.5	29	29.6	25.5	21.7	30.1	20.2	97	98	68	61	76	94	------
6	59.35	59.87	60.73	58.51	58.54	59.73	20.7	20.4	29.6	29.5	26.5	24.6	30.8	20.1	95	96	65	68	84	96	6.4
7	58.25	58.87	59.92	58.38	58.92	60.28	23	22.4	30	31	27	25	31.8	22	96	96	71	69	80	87	------
8	59	59.27	60.61	59.18	59.03	60.66	22.8	23	29.5	30.5	27	23.5	31	21.4	95	96	70	71	77	96	------
9	59.75	60.13	60.87	59.18	59.28	61.18	22.2	21.3	29.4	31.6	27.8	25	31.8	21	96	97	68	56	72	87	------
10	59.30	59.75	60.91	59.06	58.71	60.33	23.6	22.1	29	30.4	27.5	24	31.3	21.7	93	96	72	66	77	91	------
11	59.05	59.75	60.41	58.58	59.13	60.52	22.2	21.2	30.4	31.5	27.5	25.5	31.8	21	94	98	64	63	76	92	33.3
12	59.38	59.55	60.71	59.01	59.03	60.78	24.2	24.2	28.4	29.4	27	26.5	29.8	24	98	98	82	75	84	88	1
13	59.42	59.78	61.08	58.52	59.42	60.73	24.6	24.6	27.5	29	26.3	25.1	30	23.8	95	97	81	75	86	92	4.4
14	59.23	60.06	61.26	59.27	59.53	60.62	24.4	25	29.6	25.6	26.4	25.4	30.2	24	97	92	81	91	84	93	2.8
15	59.14	59.20	60.15	58.41	59.23	59.66	24.3	23.4	30.5	28	25.9	24.2	31.8	23.1	97	97	74	82	93	98	4.8
16	57.95	58.50	59.41	57.63	57.56	59.96	24.1	23.5	30	29.6	26.2	25	32.1	23.2	96	96	75	85	90	97	1.8
17	58.55	59.25	60.21	58.33	58.25	60.36	24.2	24	30.6	26.9	27.8	25.4	32.4	23.8	94	96	74	86	86	97	------
18	59.40	59.77	61.07	59.32	59.72	61.17	24.4	24	29.4	28	27	25	32	23.4	97	96	77	81	92	96	16.5
19	59.62	59.50	60.66	58.81	59.83	61.21	24.4	24	30.4	31	27.4	26.6	31.8	23.7	97	97	72	67	84	84	------
20	59.28	60.23	61.41	59.36	59.76	61.41	25.2	24.2	30.5	31.5	28	26.5	32	23.9	90	97	72	69	85	84	.5
21	59.51	60.38	61.26	59.26	59.47	61.11	26.2	25	29.8	30.7	28.2	25.5	32	24.5	86	95	75	70	82	92	------
22	60.18	60.47	61.13	59.46	59.35	60.86	24	23.4	30.4	31	27.8	27.4	31.3	23.1	95	97	63	67	80	78	------
23	59.36	59.46	60.73	58.57	58.28	59.44	26.2	26	26	30.5	27.3	26.6	30.8	24.8	84	84	89	68	82	86	14.5
24	58.35	58.78	59.81	57.88	58.51	59.61	25.8	24.4	28.9	31	27.2	27	31.2	24.1	88	94	78	69	86	84	2.3
25	58.53	58.65	59.53	57.68	58.20	59.91	26.4	26.4	30.5	31.1	28	27.1	31.3	25.1	89	89	72	69	77	83	------
26	58.49	58.95	60.47	58.55	58.97	59.96	26.6	26.4	30.3	30.6	27.4	27	32.3	25.9	83	81	70	71	84	80	------
27	58.70	59.24	60.18	58.65	58.76	59.99	26.2	27	30.7	29.6	27.5	25.5	32.1	25	82	80	67	77	81	92	17.1
28	58.55	58.93	59.68	57.78	58.48	60.04	26	26.3	30.1	30	27.2	23.5	31	23.5	87	86	71	71	83	96	23.1
29	59.03	59.18	59.83	57.72	57.87	59.21	26	26.2	30	31.4	27.5	26.7	32.3	24.7	85	85	74	70	84	83	------
30	57.75	58.56	59.13	57.18	57.16	58.63	26.1	24	29.8	31	28.1	25.5	31.8	24	83	96	73	69	77	88	------
Mean	59.18	59.61	60.59	58.72	58.95	60.39	24.2	23.7	29.6	30	27.1	25.1	31.4	23	92	93.7	72	70.2	81.2	90	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	128.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ESE	NE	E	Calm	11.9	52.5	77.2	31.2	172.8	3	Ci.	Cu. E	3	Ci.	Cu. E
2	Calm	Calm	SE	NE	NE	Calm	21.7	51.3	72.1	19.6	164.7	1	Ci.	Cu.	5	Ci.	Cu. E
3	Calm	Calm	E	E	ESE	Calm	13.7	52.1	71.3	19	156.1	7	Ci.	Cu. NE	1	Ci.	Cu. E
4	Calm	Calm	E	E	E	Calm	14.7	57.1	79.9	15.8	167.5	8	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
5	Calm	Calm	E	ENE	Calm	Calm	14.3	32	46.7	10.5	103.5	3	Ci.	Cu. E	10	Ci.-S.	Cu. E
6	Calm	Calm	E	NE	E	Calm	15.6	50.2	64.4	16.1	146.3	9	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
7	Calm	W	NE	NE	NE	NE	9.2	54.7	89.8	31.1	184.8	7	Ci.	Cu. E	2	Ci.	Cu. E
8	Calm	Calm	NE	NE	E	Calm	9.5	52	72.4	14.5	148.4	8	A.-Cu.	Cu. E	1	Ci.	Cu. E
9	Calm	Calm	ENE	ENE	ENE	ENE	17.9	50.2	84.8	34	186.9	0	------------	Cu. E	2	Ci.	Cu. E
10	Calm	Calm	SE	E	E	Calm	14.7	57.6	74.6	19.3	166.2	3	Ci.	Cu. ENE	6	Ci.	Cu. E
11	Calm	Calm	NE	ENE	ENE	ENE	11.6	45.4	70.6	45.6	173.2	7	Ci.	Cu. E	3	Ci.	Cu.
12	Calm	Calm	ENE	ENE	ENE	Calm	12.3	50.5	89.3	36.8	188.9	6	Ci.	Cu. E	9	Ci.-S.	Cu. E
13	Calm	Calm	ENE	ENE	ENE	Calm	9.2	38.4	44.8	22.8	115.2	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
14	Calm	Calm	E	Calm	E	Calm	27.4	41	49.9	33.2	151.5	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
15	Calm	Calm	ENE	S	Calm	Calm	12.6	35.9	42.4	14.7	105.6	8	Ci.	Cu.	10	Ci.-S.	S.-Cu. S
16	Calm	Calm	NE	Calm	Calm	Calm	11.1	32	25.7	15.5	84.3	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. S
17	Calm	Calm	Calm	Calm	Calm	Calm	12.4	34.1	27.7	11.6	85.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. S
18	Calm	Calm	Calm	Calm	Calm	Calm	15.3	24.3	14	9.7	63.3	6	Ci.	Cu.	10	Ci.-S.	Cu. S
19	Calm	Calm	E	E	E	E	13.2	44.9	79.9	47.5	185.5	10	Ci.-S.	Cu.	7	Ci.	Cu. E
20	Calm	Calm	E	E	E	E	8	63	82.1	50.4	203.5	5	Ci.	Cu. E	6	A.-Cu.	Cu. E
21	E	Calm	E	NE	E	Calm	36.7	62.6	90.7	29.5	219.5	5	Ci.	Cu. E	2	Ci.	Cu. E
22	Calm	Calm	E	ENE	E	E	10.3	57.7	92.2	68.7	228.9	1	Ci.	Cu. E	1	Ci.	Cu. E
23	E	E	Calm	E	E	E	50.7	49.1	89	71.9	260.7	5	Ci.	Cu. E	2	Ci.	Cu. E
24	Calm	Calm	E	NE	NE	E	26.4	70.5	94.6	72.9	264.4	6	Ci.	Cu. E	6	Ci.	Cu. E
25	NE	NE	NE	E	ENE	ENE	62.3	86.9	106.2	79.9	335.3	6	Ci.	Cu. E	4	Ci.	Cu. E
26	ENE	ENE	NE	ENE	ENE	ENE	73.7	91.1	103	69.2	337	6	Ci.	Cu. E	10	Ci.-S.	Cu. E
27	E	E	NE	NE	NE	NE	69	88.3	87.2	67.1	311.6	6	Ci.	Cu. E	10	Ci.-S.	Cu. E
28	ENE	ENE	ENE	ENE	ENE	Calm	71.3	120.7	124.2	57.6	373.8	6	Ci.	Cu. E	8	Ci.-S.	Cu. E
29	ENE	ENE	ENE	ENE	ENE	ENE	69.5	83.4	78.4	51.3	282.6	4	Ci.	Cu. E	5	Ci.	Cu. E
30	ENE	Calm	NE	NE	NE	Calm	28.4	62.5	78.4	23.5	192.8	5	Ci.	Cu. E	0	------------	Cu. E
Mean	------	------	------	------	------	------	25.8	56.4	73.4	36.4	192	6	------------	------------	5.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,760.6	----	------------	------------	----	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.21	58	58.82	57.13	57.73	59.01	24.4	23.5	31	31	28	26	31.8	23	95	97	69	69	80	88	------
2	57.55	57.84	59.08	57.67	58.08	59.71	25.5	24.5	29.5	31.6	28.4	26.5	32.2	24.1	88	92	71	66	77	88	15.5
3	58.25	59.13	60.38	59.01	58.83	60.19	26.2	24	28	28.5	27.5	27	29.2	24	89	97	85	80	84	86	11.1
4	58.30	58.41	59.38	57.91	57.86	58.63	26.2	25.4	30	28.5	28	27.5	31.5	24.6	89	92	75	74	81	84	3
5	57.18	57.60	58.59	57.02	56.46	57.57	26.8	26.1	30	25.3	27.5	26.1	31	25.2	88	91	75	88	81	87	5.3
6	54.78	55.58	56.55	55.33	56.25	57.29	27.2	26	27	26.3	26.7	26	27.7	24.8	83	84	87	92	91	92	4.6
7	56.13	56.76	57.98	56.48	57.32	58.86	25.8	25.5	29	30.6	26.9	24.6	31.4	24.4	92	92	78	65	86	95	10.2
8	57.25	57.19	57.83	56.38	56.88	58.05	24.2	24	30.3	30.6	26.8	25	31.6	23.7	96	96	70	68	87	92	------
9	56.38	56.10	56.86	56.18	56.18	57.42	24	23.8	31	30	27.1	26	32	23.3	97	97	65	71	81	89	------
10	56.18	56.88	57.96	56.18	56.67	57.88	25.8	25.8	31.5	31	28.3	26.1	33	25	93	93	69	72	86	91	------
11	57.05	57.96	58.71	57.14	57.95	59.70	25	25.4	31.6	33.5	30.5	26.8	34.1	24.2	93	93	66	62	72	82	------
12	58.93	59.69	59.86	58.16	58.76	60.17	25.5	25.1	31.5	31.5	30	26.5	34	24.3	92	95	72	75	78	96	------
13	58.52	59.11	59.47	57.43	57.86	58.81	25.3	24.4	31.7	32	29.6	26.8	33.3	24.1	93	97	71	72	84	94	------
14	57.39	57.90	58.58	56.44	57.33	58.22	25.7	25	30.5	32	26.5	24.5	34.4	24.5	94	96	75	71	90	96	.5
15	57.31	57.90	58.80	57.41	57.48	59.42	24.5	24	30	28.6	29.1	25.5	33.2	23.8	94	97	75	84	86	96	14.8
16	58.40	59.05	59.16	57.69	58.04	60.60	26.2	26	32.8	32.7	30.2	26	34.1	25	90	92	65	69	82	96	------
17	59.61	60.02	60.31	59.11	59.26	60.83	25.8	25	30.6	29	27	25	33.1	24.5	96	96	75	86	88	97	------
18	59.66	60.25	60.61	59.17	59.21	61.28	24.5	24.3	32	32.2	28.5	27.6	33.8	24	97	97	66	65	81	87	------
19	59.67	60.58	60.75	59.09	59.01	60.55	26.1	25	30.9	31.5	29	27.4	33	24.5	91	96	72	71	78	89	.8
20	59.41	59.62	60.46	58.89	58.92	60.37	26	25.4	31.6	32.2	30	28.5	33	25.1	92	97	71	65	74	81	------
21	58.43	58.93	60.05	58.87	58.73	60.17	26.5	25.5	31.5	32	29	27.4	33.1	24.3	88	92	62	63	71	78	------
22	58.30	59.16	59.88	58.47	58.62	59.46	24.5	24.2	26.9	29.1	26.6	27.5	31	23.2	96	94	89	77	91	88	28.7
23	58.15	58.26	58.71	57.40	57.46	58.82	25.2	25	31.3	31.4	28	26.1	31.6	24.3	95	96	68	69	81	95	2.3
24	57.43	57.84	58.76	57.35	57.63	58.88	25.6	25.1	30.6	30.5	27	25.5	32.1	24.2	95	95	71	68	92	96	3.8
25	58.20	59.11	59.63	58.57	58.55	60.18	24.9	24.6	31.2	30.4	25.5	25	32	24.1	94	95	71	73	92	96	.5
26	59.23	59.79	59.98	58.56	59.27	60.46	24.4	24.2	30.4	31	25	24.5	32.2	24	97	98	76	73	92	96	17.3
27	59.25	59.73	59.83	58.55	58.33	60.02	24.2	23.8	31	32	29	26	32.3	23.4	95	96	72	66	78	92	6.6
28	58.15	58.90	59.31	57.56	57.53	59.16	24.2	24	30.5	32	30	26	32.2	23.1	97	96	72	66	71	88	.5
29	58.11	58.45	59.26	58	57.93	59.57	25.1	24	31.6	31.7	29.5	26.5	32.3	23.5	91	96	63	65	75	92	------
30	58.90	59.73	60.02	58.79	58.86	60.38	24.3	23.8	31.5	32.4	28.8	27.5	32.6	23.1	91	93	66	64	76	82	8.9
31	58.93	60.44	60.72	58.65	58.75	59.68	27.2	24.2	30.5	31.3	28.5	27.4	32.8	24.1	81	97	74	73	81	85	1.3
Mean	58.01	58.58	59.24	57.76	57.99	59.40	25.4	24.7	30.6	30.7	28.1	26.3	32.3	24.1	92.3	94.7	72.1	71.7	82.2	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	135.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	NE	Calm	13.7	49.1	72.1	41.5	176.4	3	Ci.	Cu. E	2	Ci.	Cu. E
2	ENE	Calm	NE	ENE	ENE	ENE	34.4	63.9	85.9	57.4	241.6	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
3	ENE	ENE	ENE	ENE	ENE	ENE	40.5	81.3	85.6	62.2	269.6	10	Ci.-S.	N. ENE	10	Ci.-S.	Cu. ENE
4	ENE	ENE	ENE	ENE	ENE	ENE	61.8	104.6	102.2	90.9	359.5	10	Ci.-S.	Cu. ENE	5	Ci.	Cu. ENE
5	ENE	E	NE	E	NE	NE	90.4	94.6	125.5	149.7	460.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
6	ENE	ENE	ENE	ESE	E	N	181.8	188.3	138.4	64.1	572.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. E
7	Calm	Calm	E	E	Calm	Calm	29.2	53.4	32.8	18.2	133.6	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu. SE
8	Calm	Calm	E	SW	Calm	Calm	18.2	23.9	29.3	9.5	80.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
9	Calm	Calm	SW	SW	SW	Calm	9.9	56	66	31.6	163.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
10	Calm	SW	SW	WSW	Calm	WSW	16.7	59.5	62.6	28.5	167.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11	SW	SW	SW	SW	Calm	SW	23.1	83.7	49.6	37	193.4	2	Ci.-Cu.	Cu.	8	Ci.-S.	Cu. SW
12	SW	Calm	SW	NE	Calm	Calm	25.9	37.6	50.1	15.5	129.1	4	Ci.	Cu.	4	Ci.	Cu. S
13	Calm	Calm	NE	NE	Calm	Calm	11.1	42.1	56.6	15.5	125.3	5	Ci.	Cu.	2	Ci.	Cu. SW
14	Calm	Calm	NE	NE	Calm	Calm	15.9	52.3	48.6	11.9	128.7	0	------------	Cu.	4	Ci.	Cu. SW
15	Calm	Calm	NE	SSW	Calm	Calm	13.2	44.9	34.6	17.4	110.1	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SSW
16	SW	SW	SW	ENE	Calm	Calm	42.4	48.5	51.2	8.7	150.8	1	Ci.	Cu.	5	Ci.	Cu. SW
17	Calm	Calm	Calm	Calm	Calm	Calm	25.5	34.9	36.2	14.7	111.3	5	Ci.	Cu. W	8	Ci.-S.	S.-Cu. S
18	Calm	Calm	E	NE	E	E	18.7	45.6	74.2	30	168.5	10	Ci.-S.	Cu. S	3	Ci.	Cu. E
19	Calm	Calm	E	E	E	E	12.3	62.8	82.7	42.8	200.6	4	Ci.	Cu. E	5	Ci.	Cu. E
20	Calm	Calm	NE	NE	NE	NE	12.6	54.4	83.9	48.1	199	2	Ci.	Cu. E	1	Ci.	Cu. E
21	Calm	Calm	ESE	NE	NE	NE	15.5	63.4	96.6	50.7	226.2	2	Ci.	Cu. E	2	Ci.	Cu. E
22	Calm	Calm	NE	E	Calm	NE	14.7	37.6	60.2	41.6	154.1	5	Ci.	Cu. E	10	Ci.-S.	Cu. E
23	Calm	Calm	E	E	ENE	Calm	12.9	52.3	76.6	27.4	169.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
24	Calm	Calm	E	E	Calm	Calm	11.9	53.4	52.1	5.4	122.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
25	Calm	Calm	E	E	Calm	Calm	9.5	37	52.9	16.1	115.5	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
26	Calm	Calm	E	E	Calm	Calm	10.7	45.6	51	16.9	124.2	6	Ci.	Cu. E	8	Ci.-S.	Cu. E
27	Calm	Calm	E	E	Calm	Calm	13.9	43	48	12.9	117.8	7	Ci.	Cu. E	7	Ci.-S.	Cu. E
28	Calm	Calm	ESE	E	E	S	11	41.2	80.2	21.2	153.6	1	Ci.	Cu.	2	Ci.	Cu. E
29	Calm	Calm	E	ENE	ENE	Calm	12.4	52.9	82.6	24.4	172.3	0	Ci.	Cu.	2	Ci.	Cu. E
30	Calm	Calm	ESE	ENE	ENE	ENE	10	55.2	88.8	58.9	212.9	0	------------	Cu.	3	Ci.	Cu. E
31	E	Calm	E	E	E	E	46.7	81	80.7	54.5	262.9	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	28	59.5	69	36.3	192.7	6.1	------------	------------	6.7	------------	------------
Total	------	------	------	------	------	------	----	----	----	----	5,973.5	----	------------	------------	----	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.64	58.94	59.91	58.31	57.73	59.38	26.6	27	31.5	32.5	29.4	27.5	33.1	26	91	88	71	64	77	85	2
2	57.81	58.80	59.26	57.85	58.20	59.58	26	25.3	31.6	32	29.6	27.5	32.8	25	90	96	69	69	77	85	11.2
3	58.23	58.35	58.83	56.60	56.81	58.64	25.3	25.5	31.4	31.5	28.2	27	32.8	24.7	98	96	70	69	87	92	------
4	57.18	57.50	58.10	56.61	56.87	58.80	25.8	25	32.4	30.5	30.2	23	33.5	22.1	95	96	65	72	80	96	51.3
5	57.30	57	57.31	55.61	55.51	57.93	23.8	24	31.8	32	29.8	24.4	32.8	23.5	95	96	70	66	79	97	22.1
6	56.88	57.88	58.44	56.73	57.49	58.61	24.8	25	28.6	29.8	24.8	24.9	31.8	24.2	97	96	83	79	93	97	30.2
7	57.90	58.16	58.31	57.36	57.28	58.59	24.4	25	30.1	31.5	28.6	26.5	32.2	24.1	98	96	71	71	81	93	------
8	57.64	58.18	58.76	57.56	57.92	59.28	25.2	25	31	32.1	26.3	25	33.1	24.1	95	96	69	66	94	98	1.5
9	58.47	59.32	59.13	57.26	57.98	59.46	24.3	23.5	32	32.4	29.3	26	32.6	23.2	96	96	70	64	78	92	------
10	58.71	59.07	59.19	57.50	58.50	60.08	24.7	24.3	32.1	32.1	26	25	34.6	23.7	96	97	66	69	87	96	6.6
11	58.96	59.41	59.78	58.08	58.15	59.36	24.6	24	29	30.6	27.8	25.8	32.8	23.6	97	96	78	71	86	98	------
12	58.11	59.25	59.38	57.61	57.71	59.13	24.8	24.3	30.6	32.2	29.5	26.5	33.2	23.8	97	97	65	66	78	93	------
13	58.14	59.14	59.56	57.90	58.56	59.67	25.4	24.3	32	33	29.5	26.5	33.4	24.1	97	97	69	64	78	92	------
14	58.45	59.41	59.26	57.24	58.08	59.81	25	24.3	32	33.5	26.2	25.5	33.8	24	94	97	60	64	94	97	19.8
15	58.58	59.40	58.97	57.13	57.16	59.47	24.8	24.5	32	33.5	30.5	26.2	34	24	95	96	67	64	76	95	------
16	58.13	58.21	58.68	57.06	57.60	59.02	26	25	30.9	33.5	30.1	26.5	33.8	24.8	93	96	69	61	74	92	1
17	58.38	58.58	59.07	57.81	58.13	60.21	25.2	24.8	31.1	32.2	29.8	25.5	32.8	24.3	95	93	66	65	75	96	4.3
18	59.37	60.06	60.18	58.28	58.80	60.66	25.1	24.8	32	31.2	29.3	26.2	33.8	24.2	95	98	72	61	83	94	11.9
19	60.27	60.76	61.36	59.76	60	60.83	24.8	25	31.5	29.1	26.8	25.1	33.1	24.6	97	96	66	84	90	98	------
20	59.90	60.49	60.45	58.94	58.97	60.30	23.8	23.5	31.2	32.7	31	26.5	32.8	23.1	96	96	62	62	69	92	------
21	59.04	59.57	59.52	57.84	58.17	59.14	24.8	24.2	32.4	32.6	25.6	25	34.2	24	95	95	64	69	87	96	6.9
22	58.63	58.68	58.88	58.01	58.80	59.98	24.6	26	32	30	31	27.1	33.5	24	95	90	69	84	82	95	1.3
23	58.89	59.77	59.56	58.34	58.62	59.53	25.3	25.1	32.5	34.3	28.6	26.5	34.5	24.5	96	95	68	66	84	96	1.3
24	59.30	59.51	59.71	58.51	59.18	60.16	25.5	25	32.5	30.5	28.1	25.5	34.1	24.4	96	96	66	78	84	94	------
25	59.08	59.98	60.73	59.30	59.46	60.76	25.2	24.8	26.4	30	27.1	24	31.2	23.7	94	93	83	68	76	93	.3
26	59.80	59.88	60.33	58.90	59.18	60.38	23	23	28.5	29.5	28.5	25.4	31.5	22.9	96	96	78	75	78	88	2.8
27	58.98	59.20	59.56	58.08	59.13	60.41	24.4	24	31.7	29.6	24.6	24.4	32.2	23.6	94	96	66	74	95	97	.8
28	60.07	60.22	60.88	59.38	59.96	61.81	24	25	30	26.6	27	25.2	31	23.4	96	92	78	91	92	97	7.9
29	60.40	60.78	61.19	59.16	59.49	60.90	24.4	23.8	29.8	31.6	30	26.4	32.2	23.1	97	97	77	72	78	93	1.5
30	58.80	59.15	59.30	57.11	58.09	59.31	25.2	24.4	32.3	32	29.4	26.5	33.1	24	95	97	68	69	76	93	------
Mean	58.67	59.16	59.45	57.86	58.25	59.71	24.9	24.6	31.1	31.5	28.4	25.8	33	24	95.4	95.4	69.8	69.9	82.3	94	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	184.7

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	E	E	NE	NE	NE	NE	39.2	72.2	94.6	50.5	256.5	5	Ci.	Cu. E	5	Ci.	Cu. E
2	Calm	Calm	ENE	NE	NE	NE	20.1	60	74	48	202.1	10	Ci.-S.	S.-Cu. ENE	3	Ci.	Cu. E
3	Calm	Calm	E	ENE	Calm	Calm	17.1	46.1	54.4	14.2	131.8	2	Ci.	Cu.	8	Ci.-S.	Cu. E
4	Calm	Calm	WSW	ENE	Calm	NW	12.7	34.3	40.8	35.1	122.9	3	Ci.	Cu.	8	Ci.-S.	Cu. E
5	Calm	Calm	E	ENE	ENE	Calm	12.9	36.8	57.1	34.8	141.6	3	Ci.	Cu.	4	Ci.-S.	Cu. E
6	Calm	Calm	Calm	N	Calm	Calm	17.7	23.8	42.1	15.3	98.9	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. S
7	Calm	Calm	E	ENE	E	Calm	8.9	40.4	66.8	34	150.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
8	Calm	Calm	E	ENE	Calm	Calm	9.7	42.1	61.7	14.5	128	7	Ci.	Cu.	2	Ci.	Cu. E
9	Calm	Calm	E	ENE	E	Calm	18.8	36.4	64.4	25.9	145.5	1	Ci.	Cu.	1	Ci.	Cu. E
10	Calm	Calm	E	E	SE	Calm	13.5	34.3	69	19.8	136.6	3	Ci.	Cu.	5	Ci.	Cu. E
11	Calm	Calm	Calm	E	Calm	Calm	16.1	26.2	33.6	10.7	86.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
12	Calm	Calm	Calm	ENE	E	Calm	9.4	30.1	74.8	19.1	133.4	10	Ci.-S.	Cu.	4	Ci.	Cu. E
13	Calm	Calm	NE	NE	Calm	Calm	17.2	37.6	68.4	13.4	136.6	2	Ci.	Cu.	4	Ci.	Cu. E
14	Calm	Calm	WSW	ENE	Calm	Calm	14.3	33.8	63	17.4	128.5	2	Ci.	Cu.	3	Ci.	Cu. E
15	Calm	Calm	SW	E	E	Calm	16.6	24.3	58.1	15.5	114.5	2	Ci.	Cu.	7	Ci.	Cu. E
16	Calm	Calm	Calm	ENE	ENE	Calm	13.9	30.9	68.9	15.8	129.5	5	Ci.	Cu.	4	Ci.	Cu. E
17	SW	Calm	SW	ENE	ENE	Calm	30.3	35.9	49.1	17.2	132.5	2	Ci.	Cu.	8	Ci.-S.	Cu. S
18	Calm	Calm	Calm	Calm	Calm	Calm	12.9	24.1	26.6	12.3	75.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
19	Calm	Calm	Calm	Calm	WSW	Calm	12.9	27.7	29.6	21.5	91.7	4	Ci.	Cu.	8	Ci.-S.	Cu. S
20	Calm	Calm	Calm	E	Calm	Calm	20.9	33.5	43.1	14.3	111.8	2	Ci.	Cu.	4	Ci.	Cu. E
21	Calm	Calm	WSW	ENE	WSW	Calm	16.1	31.7	66.8	18.7	133.3	1	Ci.	Cu.	2	Ci.	Cu. SW
22	Calm	SSW	SW	ENE	Calm	Calm	15.8	59.3	34.3	17.4	126.8	1	Ci.	Cu.	8	Ci.-S.	S.-Cu. SSW
23	Calm	Calm	SW	ENE	SW	Calm	9.2	33.6	48.1	17.9	108.8	2	Ci.	Cu.	3	Ci.	Cu. SSW
24	Calm	Calm	WSW	Calm	Calm	Calm	17.2	42.8	37.5	13.9	111.4	2	Ci.	Cu.	10	Ci.-S.	Cu.
25	Calm	Calm	ESE	E	E	Calm	12.7	40.5	53.9	17.4	124.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	Calm	E	E	E	Calm	17.2	26.6	62.5	29	135.3	3	Ci.	Cu.	10	Ci.-S.	Cu. NE
27	Calm	Calm	E	NE	WSW	Calm	12.7	37.2	58.4	21.7	130	4	A.-Cu.	Cu.	8	Ci.-S.	Cu. E
28	Calm	Calm	Calm	Calm	Calm	Calm	21.5	22.8	16.3	13.7	74.3	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. S
29	Calm	Calm	E	NE	E	Calm	16.3	42.8	63.9	14.5	137.5	10	Ci.-S.	Cu.	7	Ci.	Cu. E
30	Calm	Calm	E	NE	NE	Calm	17.2	42.4	72.9	17.9	150.4	2	Ci.	Cu.	2	Ci.	Cu. E
Mean	------	------	------	------	------	------	16.4	37	55.2	21	129.6	4.9	------	------	6.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,887.3	----	------	------	----	------	------

PARACALE.

[ϕ=14° 17′ N ; λ=122° 47′ E ; barometer above sea, 5.3 meters ; gravity correction not applied, —1.73 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1 --	58.33	58.81	59.37	57.95	58.26	59.56	25.2	24.2	30.7	32.5	30.6	26.5	32.7	23.9	94	98	72	66	74	96	7.4
2 --	58.69	59.63	60.21	59.27	58.94	60.58	26.2	25.1	30.4	33	29	25.5	33.6	24.6	94	95	72	67	81	96	10.9
3 --	58.80	59.73	60.28	58.95	59.20	60.18	24.2	24.5	31.6	30.4	29.2	26.6	33	24	98	96	68	76	80	95	.3
4 --	58.93	59.04	59.82	58.26	58.03	59.36	25.1	25.4	25.6	29.5	28.2	26	31.2	23.5	96	97	87	78	83	96	78.5
5 --	58.39	58.33	59.13	57.55	57.52	58.36	25.2	24.8	31	32.2	28.8	27	33	24.3	95	95	71	68	83	92	30
6 --	57.80	58.53	59.15	58.23	57.93	58.98	24.3	24.3	29.2	29.2	30.5	25.4	31	24	97	97	76	81	75	97	2.3
7 --	57.83	58.12	58.51	57.45	57.72	59.03	24.3	24.2	31.8	33	28.6	26	33.5	23.7	96	97	70	70	83	96	.8
8 --	58.29	58.19	58.23	56.41	57.13	59.03	25.1	24.3	30.6	31.7	28	25.3	32.8	24	95	97	74	68	83	96	7.1
9 --	57.58	57.76	57.83	56.06	56.44	57.94	24.8	24.8	31.4	30.5	30.4	25	32.6	24	98	97	69	72	76	92	------
10 --	57.08	57.56	57.48	56.81	56.18	57.63	24.8	24.7	30.8	27	29.9	26	32.6	24.1	94	95	70	90	80	96	10.9
11 --	56.83	57.01	57.93	56.62	56.98	58.36	25	24.3	30.6	31.4	29	26	32.6	24	97	96	73	70	81	96	------
12 --	57.45	58.11	58.53	57.54	57.98	59.52	25	24.5	31.2	29.8	28.3	24.5	31.5	24.1	96	96	71	76	86	93	2.5
13 --	58.03	58.17	58.41	57.41	57.20	57.98	24.2	24.2	31.5	31.5	29.5	26	32.4	24	94	94	75	70	78	96	18.5
14 --	56.35	56.55	56.04	54.67	53.47	54.25	25.3	25.2	28.2	31.5	29	26.6	31.7	25	98	98	87	69	81	95	49.8
15 --	51.76	51.86	51.31	49.58	49.12	50.16	24.6	26.5	27.3	28	26.8	25.5	28.2	24.5	95	94	84	85	89	96	122.4
16 --	49.47	49.56	51.72	51.26	51.36	53.27	25.2	24.8	24.4	25.6	26	26	26.3	23.9	97	98	93	88	84	84	69.4
17 --	52.95	53.46	54.57	53.98	53.90	55.08	25.5	25.7	29.6	29.1	27.2	27	30.6	25	88	86	77	80	83	80	------
18 --	54.30	54.58	55.13	53.92	54.45	56.02	26.5	26.3	29.6	31.5	28.1	26.5	32	25.6	84	86	75	66	80	84	------
19 --	55.09	54.10	54.77	54.26	54.34	56.07	26	25.8	30.7	32.4	29	27.5	33.3	25.1	88	89	70	64	79	81	------
20 --	55.15	54.94	56.26	55.17	55.95	56.39	26	25.6	30.5	31.5	28	27.2	31.8	25.4	86	87	74	63	80	79	------
21 --	55.42	55.58	56.31	55.85	55.64	56.11	25.8	26	31.3	24.6	25.9	25.4	32.8	22.9	86	86	68	96	85	84	5.8
22 --	54.30	54.70	55.23	53.76	53.93	54.63	25	24.8	30	31.4	28	24.5	31.8	24	88	89	71	68	81	96	12.4
23 --	53.36	53.43	53.79	52.60	52.61	53.95	24.3	24	30.5	31	29	26	32.2	23.5	95	96	72	65	74	92	------
24 --	52.85	53.34	54.14	53.41	53.95	55.30	26	26	29.4	29.5	26.8	26.2	31.8	24.6	88	88	75	75	86	86	.5
25 --	54.80	55.23	55.74	55.01	55.25	57.32	26	25.5	31.3	32.5	28.4	27.5	33.3	25	88	92	70	63	78	78	------
26 --	56.40	56.61	57.13	56.45	56.51	58.22	25.7	25	30	32.1	29.7	26.4	32.8	24.9	88	92	74	63	77	89	------
27 --	56.08	56.50	56.64	54.77	54.86	56.84	25.3	24.5	30.4	30.5	27.6	25	31.8	23.9	92	92	66	70	73	96	15.8
28 --	53.72	52.92	54.15	51.96	51.47	51.72	24.5	24.3	24.6	26	24.5	25	26.4	23.5	96	94	95	89	96	88	9.9
29 --	50.32	51.03	51.10	50.55	50.60	52.68	24.5	24.6	27.6	27.4	26	27	29.3	24	92	87	80	81	76	81	1.1
30 --	52.98	53.53	54.87	54.15	54.58	56.29	27	26.8	30	30.4	27.4	26.5	30.8	25.8	80	83	75	71	80	84	.8
31 --	55.38	55.61	56.91	55.71	55.39	56.88	26.2	26	30.4	26	27.5	26	32.3	24.8	86	88	70	92	93	92	1.8
Mean	55.64	55.89	56.47	55.34	55.38	56.70	25.3	25.1	29.7	30.1	28.2	26.1	31.7	24.3	92.2	92.7	75	74.2	81.2	90.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	458.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1 --	Calm	Calm	NE	E	NE	Calm	21.1	45.6	71.6	14.2	152.5	1	Ci.	Cu.	4	Ci.	Cu. E
2 --	Calm	Calm	NE	NE	Calm	Calm	23	39.2	54.7	18.2	135.1	2	Ci.	Cu.	10	Ci.-S.	Cu. E
3 --	Calm	Calm	NE	ENE	E	Calm	23.3	39.6	64.1	18.8	145.8	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
4 --	Calm	Calm	Calm	NE	Calm	Calm	19.6	36.4	38.4	13.2	107.6	10	------------	Cu.-N. E	10	Ci.-S.	Cu. E
5 --	Calm	Calm	NE	NE	Calm	Calm	20.9	38	53.3	13.9	126.1	3	Ci.	Cu. E	7	Ci.	Cu. E
6 --	Calm	SW	Calm	E	E	Calm	23.5	21.2	37.3	14.5	96.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
7 --	E	Calm	E	E	Calm	Calm	18.3	48	51.7	16.3	134.3	1	Ci.	Cu.	4	Ci.	Cu. E
8 --	Calm	Calm	NE	N	SW	Calm	17.4	35.6	38.1	19.8	110.9	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
9 --	Calm	W	SW	SW	Calm	SW	18.2	35.6	43.8	44.8	142.4	7	Ci.	Cu. W	6	Ci.	S.-Cu. SW
10 --	SW	Calm	W	S	Calm	Calm	24.4	45.9	40.5	17.9	128.7	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
11 --	Calm	Calm	SW	ESE	Calm	Calm	23.9	33.3	43	21.4	121.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ESE
12 --	SW	Calm	E	W	Calm	Calm	27.6	31.4	29.8	28.4	117.2	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
13 --	Calm	Calm	NE	NE	Calm	Calm	21.5	34.6	44.3	14.5	114.9	4	Ci.	Cu.	10	Ci.-S.	S.-Cu. E
14 --	SW	SW	Calm	ENE	N	NNW	37	25.5	74	80.5	217	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
15 --	S	N	N	NNE	NNE	NW	27.4	82.1	145.4	100.8	355.7	10	------------	Cu.-N. N	10	Ci.-S.	S.-Cu. NNE
16 --	SW	SW	SW	SW	SW	SW	84.5	160.1	114.6	93.1	452.3	10	------------	N. SW	10	Ci.-S.	Cu. SW
17 --	SW	SW	SW	SW	SW	SW	59.3	99.8	75.6	74	308.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
18 --	SW	SW	SW	SW	SW	SW	76.1	91.9	81	54.4	303.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
19 --	SW	SW	SW	SW	SW	SW	53.6	90.7	78.1	44.9	267.3	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
20 --	SW	SW	SW	SW	SW	SW	59	97.7	94.6	64.7	316	4	Ci.	Cu.	10	Ci.-S.	Cu. SW
21 --	SW	SW	SW	SW	SW	SW	59.8	79.1	93.6	105.4	337.9	9	Ci.-S.	Cu. SW	10	Ci.-S.	S.-Cu. SW
22 --	SW	SW	SW	SW	SW	SW	118	104.1	86.3	88	396.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
23 --	SW	Calm	SW	WSW	SW	Calm	44.5	80.7	78.9	17.5	221.6	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. SW
24 --	Calm	SW	SW	SW	SW	SW	19	61.7	78.4	61.2	220.3	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
25 --	SW	Calm	SSW	SW	SW	Calm	25.9	66.3	75.6	53.1	220.9	10	Ci.-S.	Cu. SW	6	Ci.	Cu. SSW
26 --	SW	SW	SW	SW	Calm	Calm	56.3	53.3	43.1	21.1	173.8	5	Ci.	Cu. SW	10	Ci.-S.	Cu. WSW
27 --	SW	Calm	SW	WSW	WSW	Calm	30.6	64.9	71.9	51.5	218.9	8	A.-Cu. NNE	Cu.	10	Ci.-S.	Cu.
28 --	WSW	WSW	SW	SW	SW	SW	64.4	88.5	103.2	128.5	384.6	10	Ci.-S.	Cu. WNW	10	Ci.-S.	S.-Cu. SW
29 --	SW	SW	SW	SW	SW	SW	113.7	99.6	131.2	109.4	453.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	S.-Cu. SW
30 --	SW	SW	SW	SW	SW	SW	53.1	80.5	111	52.1	296.7	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
31 --	SW	SW	SW	WSW	Calm	SW	44	86.9	33.2	19.8	183.9	3	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
Mean	------	------	------	------	------	------	42.2	64.4	70.3	47.6	224.6	7.3	------------	------------	9.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,962.9	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.78	55.74	56.36	55.48	56.07	57.05	24.2	24.6	30.1	28.6	26.8	25	33.1	24	97	95	75	80	86	96	4.6
2	55.88	56.43	57.16	55.31	55.81	57.45	25.2	25.3	30.2	30.9	28.5	24.5	31.3	24	94	93	74	69	77	87	.5
3	56.90	57.02	57.92	56.48	57.19	57.16	23.8	23.8	28.8	31.6	24	24	32	23.3	93	93	76	68	91	91	3.6
4	56.20	56.30	56.85	55.78	55.76	56.75	23.9	24.8	28.2	30.4	26.5	24.5	31.3	23.3	92	89	76	66	82	96	3.8
5	55.04	55.25	56.08	55.07	55.26	56.15	25.1	24.3	29.5	30.5	28	26	30.8	24	94	89	75	72	77	84	------
6	55.11	55.28	56.43	55.18	55.35	56.65	25.4	25.4	28.7	30.7	28	26	32.1	25.2	88	88	77	70	79	84	------
7	55.70	55.80	57.13	55.74	55.61	57.17	24.8	25	30.5	31.5	29.5	26.5	33	24.2	93	92	72	59	70	88	------
8	56.44	56.58	57.26	55.79	57	58.41	25.6	25.9	31.5	33	29	26.7	33	25.2	87	85	66	58	74	90	------
9	56.70	57.06	57.81	56.50	56.36	57.62	26	25	30.8	32.7	29.5	26.2	33.5	24.8	89	92	67	54	71	86	------
10	56.49	56.67	57.46	55.66	56.22	57.37	26.2	25.8	31	32.8	28.9	26.5	33.3	25	84	85	69	64	75	84	------
11	55.88	56.08	57.07	55.31	55.39	57.38	25.5	26	30	32	29.2	26	33.5	25	88	84	72	63	74	90	------
12	55.65	55.66	56.80	54.96	55.68	57.83	25.5	25.4	32	33.8	29	25.3	34	24.6	92	85	65	60	78	92	1.3
13	56.03	56.32	56.97	55.36	55.56	56.86	24.2	24.3	29.8	32.5	28.2	26	32.8	24	92	93	69	58	82	86	65.2
14	55.81	56.54	57.97	55.07	55.12	54.98	25.6	24	24.8	27	26	25.5	27.3	23	87	96	93	88	92	92	6.6
15	54.32	53.33	53.78	51.54	50.92	51.89	25.2	25	28.7	30	27.8	27	30.3	24.9	94	96	80	72	82	81	1
16	51.55	52.60	54.35	54.73	56.19	58.66	25.8	26.5	27.5	27.5	26	24.5	28.7	24.1	85	84	81	84	92	96	3.5
17	57.94	58	59.81	58.13	59.23	60.48	24.3	24.1	30	30.2	28	25	31	23.9	96	95	68	74	88	97	------
18	59.33	59.38	60.22	58.50	58.51	59.36	26.2	25.7	30.3	31.5	27.6	26.1	31.7	24.8	98	98	77	72	87	95	9.1
19	57.80	57.38	57.63	56.23	55.72	57.15	25.2	25.3	29.5	26.5	27.1	25.8	29.9	24.6	98	98	78	92	87	98	38.3
20	56.18	56.23	56.87	55.31	56.08	57.36	25	24.8	29	29.5	26.5	25.3	29.9	24.6	97	96	81	81	96	98	17.3
21	56.43	56.25	57.03	56.01	56.30	57.55	24.6	24.2	31	29.5	26.3	24.6	31.5	24	97	97	72	72	91	95	1.3
22	56.37	56.10	56.97	55.70	55.96	57	24	24.5	31	27	27.6	25.5	31.8	23.5	97	96	69	88	84	92	8.4
23	55.90	56.02	56.98	55.88	55.78	57.09	25	24.2	31	26.6	27.3	25	32.3	24	90	94	69	84	82	96	.5
24	56.68	56.77	57.51	55.84	56.88	58.74	24.4	24.2	31.2	30.6	27.4	25.5	33.5	23.6	97	94	68	74	86	96	------
25	57.46	58.14	59.13	57.37	57.93	59.28	25.5	25.2	31	29.6	27.8	25	32	24.1	94	94	70	71	76	88	.8
26	57.90	57.69	58.17	56.38	55.82	56.84	24.2	23.8	30.1	27.4	26	25.2	32.5	23.5	94	97	69	89	96	98	12
27	55.68	54.69	54.98	53.19	53.32	54.58	24.2	23.8	31	33	27.5	26	33.8	23.4	97	97	72	64	84	88	------
28	53.83	53.90	55.06	53.95	54.47	56.21	25.5	24.3	30.6	27.8	27	25.7	31.5	24	88	96	70	90	84	86	23.6
29	55.94	56.31	57.81	57.87	57.30	59.06	25.3	25	31.6	25	25.8	23.7	32.8	23.2	89	92	65	96	93	98	55.1
30	57.66	58.15	58.38	57.13	57.51	58.91	23	23.2	30	29.6	26.5	24.5	32	22.7	98	98	69	77	84	92	------
31	57.32	57.42	58.12	56.37	56.28	57.54	24	24	30.2	30.7	28.5	25.7	31.2	23.6	91	91	67	70	82	95	2.5
Mean	56.19	56.29	57.16	55.74	56.02	57.31	24.9	24.8	30	30	27.5	25.4	31.9	24.1	92.6	92.6	72.6	73.5	83.3	91.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	259

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SW	SW	WSW	WSW	WSW	19.9	52.1	43.8	36	151.8	2	Ci.	Cu.	10	Ci.-S.	s.-cu. wsw
2	WSW	Calm	WSW	SW	SW	Calm	42.3	50.4	90.1	37.5	220.3	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. SW
3	SW	Calm	SW	SW	W	SW	35.1	48.3	75.4	58.7	217.5	7	Ci.	Cu. SW	10	Ci.-S.	Cu. SW
4	SW	WSW	WSW	WSW	WSW	Calm	55.2	97.6	86.3	39.2	278.3	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
5	SW	SW	SW	SW	SW	SW	85.1	119.3	100	91.7	396.1	8	A.-Cu. SE	Cu.	10	Ci.-S.	Cu. SW
6	SW	SW	SW	SW	SW	SW	76.2	102.8	110.8	75.3	365.1	10	Ci.-S.	Cu. SW	10	Ci.-S.	S.-Cu. SW
7	SW	Calm	SW	SW	SW	Calm	42.8	59.2	85.9	29.2	217.1	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
8	SW	SW	SW	SW	SW	SW	42.8	63.4	91.5	37	234.7	10	Ci.-S.	Cu. SW	3	Ci.	Cu. SW
9	SW	SW	SW	SW	SW	SW	53.1	90.3	97.9	27.6	268.9	3	Ci.	Cu.	6	Ci.	Cu. SW
10	SW	SW	SW	WSW	SW	SW	46.5	91.5	72.9	49.9	260.8	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. WSW
11	SW	SW	SW	SW	SW	Calm	69.8	80	73.4	40.7	263.9	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
12	SW	SW	SW	SW	Calm	SW	68.1	79.2	51.2	37.5	236	7	A.-Cu. E	Cu.	6	Ci.	Cu. SW
13	SW	SW	SW	SW	W	W	42	55	55.5	39.9	192.4	8	Ci.-S.	Cu.	10	A.-Cu.	Cu. W
14	SW	SW	Calm	WSW	Calm	SW	51.2	34.3	36.4	56.5	178.4	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu. WSW
15	WSW	WSW	WSW	WSW	WSW	SW	44.5	83.4	87.9	106.4	322.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
16	SW	SW	SW	SW	SW	Calm	94.8	85.9	50.9	14.7	246.3	10	Ci.-S.	Cu. SSW	10	Ci.-S.	s.-cu. ssw
17	Calm	Calm	Calm	NE	Calm	Calm	19.8	44.5	42.9	12.1	119.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
18	ENE	ENE	NE	NE	Calm	Calm	51	73.4	50.4	10	184.8	7	Ci.	Cu. ENE	8	Ci.-S.	Cu. NE
19	Calm	Calm	N	NNW	Calm	Calm	11.8	38	42.6	18.3	110.7	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. NNW
20	Calm	Calm	W	W	Calm	Calm	31.6	47.7	38	7.8	125.1	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. W
21	Calm	Calm	SW	WSW	SW	SW	29.8	41.2	41	35.4	147.4	4	Ci.	Cu. W	10	Ci.-S.	cu.-N. wsw
22	SW	SW	SW	SE	SW	SW	34.4	51.8	38.1	31.4	155.7	2	Ci.	Cu.	10	------------	N. SSW
23	SW	WSW	SW	SW	SW	SW	48.5	58.2	63.6	41.3	211.6	2	Ci.	Cu.	10	Ci.-S.	Cu. SW
24	Calm	Calm	SW	E	Calm	WSW	32.8	45.4	39.9	28.2	146.3	2	Ci.	Cu.	10	Ci.-S.	Cu. SSW
25	SW	SW	SW	SW	SW	SW	44.6	67.4	68.4	42.8	223.2	10	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
26	SW	Calm	WSW	WSW	Calm	Calm	39.9	51.8	43.3	6.6	141.6	7	Ci.	Cu.	10	Ci.-S.	s.-cu. wsw
27	Calm	Calm	SW	SW	Calm	Calm	10.7	40.8	46.2	22.2	119.9	0	Ci.	Cu.	6	Ci.	Cu. S
28	SW	Calm	NE	SW	Calm	S	28	41	50.1	43.3	162.4	1	Ci.	Cu.	10	Ci.-S.	Cu. SSW
29	Calm	Calm	Calm	SW	Calm	Calm	31.1	31.7	28.5	15.9	107.2	10	Ci.-S.	Cu. SE	10	------------	N.
30	Calm	Calm	SW	SW	SW	Calm	17.5	38.1	48	40.2	143.8	3	Ci.	Cu.	8	Ci.-S.	Cu. SW
31	SW	SW	SW	SW	Calm	Calm	28.8	48.1	45.3	13.5	135.7	7	Ci.	Cu.	8	Ci.-S.	Cu. W
Mean	------	------	------	------	------	------	42.9	61.7	61.2	37	202.7	7.1	------------	------------	9.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,284.5	----	------------	------------	----	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.65	55.55	56.40	54.92	53.73	54.79	25	24.4	28.2	29	27.5	26	30.1	23.7	95	97	83	76	88	93	41.1
2	53.46	53.12	52.90	50.92	50.99	52.45	24	24.5	25.6	26.8	26.2	25.5	27	23.2	97	96	95	92	97	96	47.3
3	50.67	49.87	50.35	48.90	48.95	50.56	24.5	25	25.6	28	27	26.5	28.8	24	96	92	94	79	84	84	.8
4	50.29	51.19	52.50	51.65	52.65	55.58	26.5	26	28.5	29	26	24.6	30.3	23.8	84	87	78	81	86	97	12.4
5	55.24	55.40	56.28	55.28	56.31	58.23	24.8	25	30	31.5	27.2	25.5	31.8	23.6	93	92	75	66	85	96	------
6	57.70	57.87	58.71	56.76	57.47	59.16	24.2	24	31.5	32	30	25.5	33.1	23.5	96	96	69	66	78	93	------
7	57.50	57.98	58.51	56.96	56.96	58.18	24.5	24.3	31	32	29	27	33.2	24	96	97	66	64	85	81	------
8	56.84	57.40	57.56	55.54	56.26	56.48	25.8	25.6	30.7	32.7	29.5	26.6	33.6	25.2	87	87	70	60	77	91	------
9	55.52	55.64	56.16	54.51	55.75	55.48	26.2	26	30.7	27	25	25.5	31	22.1	88	84	70	92	96	88	29.9
10	54.20	54.25	55.10	53.25	53.84	54.90	25.3	25.2	27	28	26.6	26.5	28.6	24.5	89	90	80	77	84	85	------
11	54.08	54.13	55.85	54.93	55.85	57.60	26.4	26.4	26.4	28	26.7	26.5	28.6	26	86	89	89	83	90	88	1
12	57.40	57.50	58.38	57.31	58.51	60.36	25.4	25.5	29.7	31.5	29	25.8	33.4	25	93	92	75	63	81	98	------
13	58.63	58.99	59.83	58	58.14	60.46	24.6	24.2	31.4	32	28.4	25	33.1	24	95	94	64	60	82	96	------
14	59	59.08	59.93	58.21	58.03	58.35	24.8	24.6	26.5	29.1	27.5	25.5	29.3	24.1	95	95	88	77	87	93	10.4
15	56.93	56.88	56.99	55.65	55.47	56.80	25.5	25.5	28.5	29.8	27	26.5	30.8	25.1	92	92	81	77	88	84	------
16	55.84	55.94	56.61	55.65	56.88	57.87	26.6	26.5	30.6	33	28	26.5	33.3	25.2	83	84	74	64	85	89	------
17	58.08	58.64	58.71	57.56	58.31	59.75	25.2	25	31.6	30.2	29.5	26.3	34	24.5	97	96	68	77	83	90	------
18	58.20	59.08	59.81	58.18	58.65	60.07	25.3	24.5	30	30.7	27.4	25.1	31.6	24.2	93	96	68	74	86	97	------
19	59.10	59.50	60.58	58.79	59.11	60.26	24.4	23.5	30	32	28.5	25.8	32.5	23	97	96	79	69	81	93	------
20	58.58	59.11	60.08	57.67	58.17	59.29	25.2	25	25	30	27.6	25.5	30.2	24	94	96	96	75	84	96	10.2
21	57.61	57.95	58.47	56.88	57.55	58.73	24.2	23.2	31	31.5	27.5	25.1	31.6	23	97	98	72	66	88	95	------
22	57.64	58.22	59.11	57.87	58.41	60.24	24.3	23.3	31.1	32	28.4	25.2	32.2	23	96	97	66	66	85	94	------
23	59	59.88	60.53	59.02	59.51	60.61	24.2	23.4	31.2	31.1	28.5	25.8	31.4	23	94	97	65	69	78	98	.5
24	59.36	59.63	60.58	58.66	59.27	59.93	25	24.4	29.4	31.7	28	28	32.3	24	98	97	79	65	77	81	1
25	58.82	59.42	60.41	58.59	58.95	60.44	26.2	25	27.5	25.6	26.5	25.2	29	24.3	90	96	85	95	88	98	41.8
26	58.94	59.35	59.96	58.28	58.63	60.61	24.1	23.5	30.5	31.2	28.3	26	32	23.2	97	99	77	71	85	96	8.1
27	59	59.83	61.08	59.46	59.71	60.96	24.9	23.5	30.6	31.6	27.6	25.2	32.3	23.1	98	98	74	72	84	94	------
28	59.30	59.33	60.89	58.66	59.09	60.61	24.6	25.4	31	32.1	29	25.4	32.5	24.5	95	88	72	66	78	93	2.5
29	58.78	58.98	60.13	58	58.33	59.86	24.7	24.8	26.1	30.2	26	24.5	30.3	24.2	96	93	91	74	94	98	24.5
30	58.44	58.50	59.38	57.68	57.83	59.05	24.4	24.2	31	32	28.6	25	32.2	23.6	97	98	72	69	78	96	------
Mean	56.99	57.27	58.06	56.46	56.91	58.26	25	24.7	29.3	30.4	27.7	25.8	31.3	24	93.5	93.6	77.2	72.8	84.7	92.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	231.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	Calm	W	NNW	Calm	Calm	27.2	38.6	46.2	19	131	7	Ci.	Cu. N	9	Ci.-S.	Cu. N
2	Calm	W	W	SW	SW	SW	38.1	47	66	66.3	217.4	10	------	N. NNW	10	Ci.-S.	S.-Cu.
3	WSW	WSW	WSW	SW	SW	SW	84.7	106.2	122.5	110.5	423.9	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Cu.
4	SSW	SSW	SW	SW	SW	SW	85.6	99	100.6	47.7	332.9	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. SW
5	SW	SW	SW	SW	Calm	Calm	43	92.8	92.7	16.1	244.6	7	Ci.	Cu.	7	Ci.	Cu. SW
6	Calm	Calm	SW	SW	Calm	SW	11.1	49.1	63.3	25.9	149.4	1	Ci.	Cu.	4	Ci.	Cu. SW
7	SW	Calm	SW	SW	Calm	SW	24.9	71	44.3	47.2	187.4	0	Ci.	Cu.	10	Ci.-S.	Cu. SW
8	SW	SW	SW	WSW	SW	SW	55.3	99	79.4	85.3	319	10	A.-Cu. N	Cu.	6	A.-Cu.	Cu. SW
9	W	W	SW	W	W	WSW	66	88.5	58.1	102.8	315.4	10	Ci.-S.	Cu.	10	------	N. W
10	SW	Calm	SW	SW	SW	SW	59.3	85	81.3	45.6	271.2	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. SW
11	SW	SW	SW	SW	SW	SW	44.1	49.6	40.7	35.2	169.6	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
12	Calm	Calm	SW	SW	Calm	Calm	27.6	60.4	44.5	12.7	145.2	10	Ci.-S.	Cu. SW	10	Ci.-S.	S.-Cu. SW
13	WSW	SW	WSW	W	Calm	Calm	30.4	41.8	46.1	12.4	130.7	0	Ci.	Cu.	1	Ci.	Cu. W
14	Calm	WSW	Calm	WNW	Calm	SW	17.9	22	33.5	39.1	112.5	10	Ci.-S.	N. WNW	10	Ci.-S.	Cu. NW
15	SW	SW	SW	SW	SW	SW	61.7	84	87.7	111.3	344.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
16	SW	SW	SW	SW	SW	Calm	107.2	83.9	75	26	292.1	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. SSW
17	Calm	Calm	SW	NE	Calm	Calm	20.9	39.6	38.3	15.5	114.3	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
18	SW	Calm	Calm	Calm	Calm	Calm	26.2	26	25.1	10	87.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	Calm	Calm	ENE	E	ENE	Calm	17.9	33.8	60.9	22.8	135.4	10	Ci.-S.	Cu.	8	A.-Cu.	Cu. ENE
20	Calm	Calm	Calm	NE	Calm	Calm	15.5	35.1	40.4	9.5	100.5	8	Ci.	Cu. N	5	Ci.-S.	Cu. NE
21	Calm	Calm	ENE	ENE	Calm	Calm	17.1	35.9	40.7	17.7	111.4	6	Ci.	Cu. NNE	2	Ci.	Cu. NE
22	Calm	Calm	E	NE	Calm	Calm	19.1	39.1	41.3	15	114.5	0	Ci.	Cu.	0	Ci.	Cu.
23	Calm	Calm	NE	NE	Calm	Calm	18	40.5	48.1	15	121.6	5	Ci.	Cu.	7	Ci.	Cu.
24	Calm	Calm	E	E	E	ENE	16.7	37.8	61.5	48.9	164.9	8	Ci.	Cu. NE	7	Ci.	Cu. NE
25	ENE	ENE	ENE	ENE	ENE	N	64.2	40.8	66.5	21.4	192.9	10	Ci.-S.	S.-Cu. NE	10	------	N. NE
26	Calm	Calm	ENE	ENE	Calm	Calm	17.1	46.2	64.4	13.9	141.6	5	Ci.	Cu.	6	Ci.-S.	Cu. SE
27	Calm	Calm	ENE	ENE	Calm	Calm	19.1	43.8	57.4	12.1	132.4	3	A.-Cu.	Cu. E	3	Ci.	Cu. E
28	Calm	Calm	NE	E	E	Calm	15.6	77.4	52.8	13.5	159.3	8	Ci.	Cu. NE	4	Ci.	Cu. NE
29	Calm	Calm	Calm	ENE	Calm	Calm	19.1	24.7	26.9	21.9	92.6	8	Ci.	S.-Cu. NE	10	Ci.-S.	Cu. NE
30	Calm	Calm	NE	NE	Calm	Calm	14.8	42.1	40.5	12.3	109.7	10	Ci.-S.	Cu. NE	3	Ci.	Cu. NE
Mean	------	------	------	------	------	------	36.2	56	58.2	35.1	185.5	7.5	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,565.4	------	------	------	------	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.90	58.60	59.71	58.02	58.24	59.13	24.2	23.8	30.5	31	28	25.5	31.6	23.3	97	96	72	69	83	96	------
2	57.85	58.65	58.90	57.25	57.68	58.83	24.5	24.6	31.5	30.4	28	25.5	32	24	97	97	72	72	85	96	------
3	58.25	58.50	59.69	57.53	58.25	59.63	24.6	24	27.8	29	27.5	25.4	29.6	23.9	97	96	79	74	84	97	16.8
4	58.83	59.29	60.18	58.23	58.78	60.03	24.2	24	26.1	28	26	24.5	29.2	23.5	98	96	92	82	88	97	13.5
5	58.47	58.77	59.98	57.57	58.23	59.50	23	23.8	27.1	27.5	24.5	24.3	30.1	22.9	97	97	85	84	96	97	63.4
6	58	58.30	59.64	57.52	58.22	59.61	24	23.8	25.5	30.5	26.8	24.4	30.6	23.5	97	97	92	72	82	97	6.9
7	58.82	59.01	60.11	58.35	59.18	59.89	23.8	22.9	30	30.3	26.8	24.5	32	22.8	97	97	75	66	87	96	------
8	59	59.15	60.12	58.30	58.56	58.99	24	23.2	29	30.6	27.5	24.5	30.8	23	96	98	74	70	81	96	12.2
9	57.65	57.90	58.33	55.95	56.40	57.81	23.6	24	29.3	29	25.1	24.3	31.1	23.2	96	96	79	82	96	97	22.6
10	56.11	56	57.08	55.05	55.14	55.48	25.3	25.5	25.6	26	26	25	27.1	24.4	91	92	95	88	84	96	129.6
11	53.18	53.02	53.47	51.20	51.90	53.15	25.2	24.5	26.1	25.6	25.5	26	26.5	23.8	95	99	91	95	96	89	168.2
12	52.11	52.15	52.27	51.18	51.64	52.34	25	24.4	24.2	24	23.6	23.5	26.2	23.2	95	97	88	96	96	96	177.3
13	51.02	51.22	51.90	50.64	51.33	52.40	24	24.9	28	30	26.7	26.5	30.3	23.5	96	92	81	76	83	84	------
14	51.50	51.65	52.55	51.12	52.01	53.11	26.2	26.5	29.6	29	27.5	27.5	30.1	25.9	82	81	70	71	77	77	3.3
15	51.89	52.72	55.15	54.01	54.86	57	25.3	25	28.1	30.5	27.5	26.2	30.9	24.6	91	93	84	75	84	86	------
16	56.48	57.65	58.88	57.30	58.08	59.22	24.8	24.2	30.4	29.2	24.5	23.6	31.6	22.9	92	94	72	76	97	99	29
17	58.36	58.60	59.89	58.30	59.05	60.33	22.6	23.8	26	27.1	26	26	27.6	22.4	98	97	88	87	84	84	6.6
18	59.28	60.05	60.93	59.10	59.88	61.03	25.2	24.8	27.9	26.5	24.1	23.9	28.6	23.3	90	92	82	86	95	97	28.7
19	60.04	60.99	61.41	59.56	60.16	60.96	23.8	23.5	27.8	29.6	25.2	25.1	30.2	23	97	96	82	77	92	91	4.1
20	59.94	60.64	61.56	59.83	60.66	61.89	23.4	24	29.5	31	26.8	24.1	31.2	23	97	95	71	67	86	95	------
21	60.40	60.53	61.60	59.68	59.57	60.44	23.5	23	30	29.6	26.5	23.5	31	22.9	96	98	68	64	80	96	------
22	59.62	59.75	60.11	58.31	58.39	59.43	22.8	22	30.1	27.5	27	27	31	21.8	96	96	71	81	83	83	2.3
23	58.59	59.04	60.16	58.70	59.78	60.89	27	26	27	26.5	26.8	26.5	29	24.5	83	88	84	86	83	73	11.4
24	59.86	59.97	61.53	60.16	60.88	62.04	26.5	26.6	28	29	27	26.5	29.9	25.9	73	72	66	64	66	69	------
25	61.16	61.26	62.58	60.66	60.83	61.95	26.2	26	28	28.5	26	23	29	21.4	69	70	67	64	69	84	------
26	60	60.60	61.26	59.16	59.31	60.71	20.5	19.6	28.5	27.8	25.9	26	29.1	19.5	95	95	67	80	77	76	------
27	59.02	60	60.87	58.82	59.91	61.51	22.6	21.6	29.4	30	24.5	24	30.3	21.4	95	96	68	68	89	91	52.6
28	60.78	60.88	62.06	60.52	61.09	62.39	24	24.8	26	27	26.8	26.6	27.3	22.1	97	90	87	77	74	75	5.9
29	61.16	61.21	62.26	60.28	60.76	61.98	26.5	24.4	27	29.5	26.5	27	30.8	24.1	76	93	80	66	81	78	1.5
30	60.81	61.01	61.91	59.76	59.93	60.98	26.2	26	28	27.2	26.5	25.9	29.7	25.5	84	84	78	90	92	88	19.4
31	59.63	60.03	61.36	60.01	60.52	61.06	25	24.5	27.2	29.8	26	25	29.8	24	93	96	87	73	88	96	7.6
Mean	57.93	58.29	59.27	57.49	58.04	59.15	24.4	24.2	28	28.6	26.2	25.2	29.8	23.3	92	92.8	78.9	76.7	85.1	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	782.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	NE	Calm	Calm	18	33.8	43.8	13.4	109	4	Ci.	Cu. N	3	Ci.	Cu. NE
2	Calm	Calm	NE	NE	Calm	Calm	20.4	30	50.1	10.8	111.3	7	Ci.	Cu. NE	7	Ci.	Cu. NE
3	Calm	Calm	Calm	NE	Calm	Calm	17.9	28.4	31.7	16.7	94.7	7	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
4	Calm	Calm	Calm	Calm	Calm	Calm	21.1	15.9	26	10.7	73.7	10	------------	Cu.-N. NE	10	Ci.-S.	Cu. N
5	Calm	Calm	Calm	Calm	Calm	Calm	22.8	26.4	25.5	18.5	93.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
6	ENE	Calm	Calm	ENE	ENE	Calm	32.8	13.2	57.6	16.4	120	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
7	Calm	Calm	NNE	NNE	Calm	Calm	17.9	29.8	40.7	12.3	100.7	5	Ci.	Cu. NE	4	A.-Cu.	Cu. NE
8	Calm	Calm	NNE	NNE	Calm	Calm	18.5	32.5	48.3	16.3	115.6	4	Ci.	Cu. NE	4	Ci.	Cu. NE
9	Calm	Calm	NE	NE	Calm	Calm	20.9	46.2	54.4	19	140.5	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Cu. NNE
10	N	N	N	NNW	NNW	NW	26.8	58.7	47.7	46.7	179.9	10	Ci.-S.	Cu. N	10	Ci.-S.	S.-Cu. NNW
11	NW	NW	N	NNW	NNW	N	67.1	66	97.6	110	340.7	10	------------	N. NW	10	------------	S.-Cu. N
12	NW	WSW	WSW	WSW	WSW	SW	95.2	102.8	121.3	106.4	425.7	10	------------	N. WNW	10	------------	N. WSW
13	SW	SW	SW	SSW	SW	SW	89.3	87.7	104.8	82.6	364.4	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
14	SSW	SSW	SSW	SSW	SW	SW	116.1	140	81.5	95.6	433.2	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. SW
15	SW	SW	SW	SW	SW	SW	80.5	-----	67.6	68.7	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
16	SW	SW	WSW	Calm	Calm	Calm	38	34.9	30	7.7	110.6	6	Ci.	Cu.	10	Ci.-S.	Cu. WSW
17	Calm	WSW	N	NNE	NNE	NNE	21.2	45.7	55.8	78.6	201.3	8	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. N
18	NE	Calm	E	Calm	Calm	Calm	48.6	36.8	21.7	23.3	130.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
19	E	E	E	NE	Calm	Calm	25.1	30.3	39.2	11.9	106.5	10	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu. NE
20	Calm	Calm	E	E	E	Calm	19	69.5	61.5	22.5	172.5	10	Ci.-S.	S.-Cu. E	5	Ci.	Cu. ENE
21	Calm	Calm	NE	NNE	Calm	Calm	15.6	50.9	49.3	9.1	124.9	5	Ci.	Cu. NE	3	Ci.	Cu. NE
22	Calm	Calm	NE	W	Calm	E	16.4	37.8	42.3	33.6	130.1	7	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. N
23	NNE	N	NNW	N	NNE	NNE	44.8	87.4	113.8	102.4	348.4	9	Ci.-S.	Cu. N	10	Ci.-S.	S.-Cu. N
24	NNW	NNW	N	N	N	N	81.1	100.1	83.9	77.2	342.3	10	Ci.-S.	S.-Cu. NNW	8	Ci.	Cu. N
25	N	N	N	N	N	Calm	58.9	71.3	59.8	36.2	226.2	8	Ci.-S.	Cu. N	7	Ci.-S.	Cu. N
26	Calm	Calm	N	N	N	N	6.7	54.9	49.3	56.5	167.4	2	Ci.	Cu.	10	Ci.-S.	Cu. N
27	Calm	Calm	N	N	E	Calm	21.1	39.2	55.7	40.7	156.7	5	Ci.	Cu. N	8	Ci.	Cu. NNE
28	NNE	NNE	NNE	NNE	NNE	NNE	45.6	86.6	101.7	103.3	337.2	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNE
29	NE	Calm	NE	NE	NE	NE	70.8	69.2	68.4	79.9	288.3	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. NE
30	NE	NNE	NNE	NE	Calm	NE	50.4	54.4	46.9	37.5	189.2	5	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
31	ENE	Calm	ENE	ENE	Calm	ENE	35.4	35.1	40.7	17.1	128.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	40.8	53.8	58.7	44.6	195.4	8.1	------------	------------	8.4	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.89	60.84	61.86	60.03	60.04	61.96	24.6	24.3	25.3	27	25.7	24.4	28	23.8	97	97	92	80	88	97	11.9
2	60.61	60.66	61.41	59.51	60.21	61.31	25.8	26.1	28.8	28.6	27.2	26.8	30.8	25	92	91	81	80	87	90	5.6
3	60.68	60.85	61.74	59.67	60.03	61.13	24	23.8	27.6	29.6	26.5	26.1	30	23.5	97	97	87	74	93	94	24.4
4	60.32	60.61	61.73	60.02	60.96	60.86	24.7	25	27	28	25.4	25	29	24.5	98	98	92	85	97	96	11.5
5	59.96	60.86	62.41	60.23	60.39	61.54	24.8	25.5	25.2	29	26.5	26.5	29.3	24	97	96	95	85	92	96	18.3
6	60.53	60.63	61.68	59.78	60.44	61.24	24.6	26.3	30	28	26.7	26.6	30.8	24.5	97	94	79	88	90	92	3.8
7	60.72	60.83	62.16	60.11	60.79	61.96	26.3	26.2	26.3	28	27.1	27	28.4	24.2	94	94	90	88	87	92	10.1
8	60.71	61.12	62.57	60.51	61.19	62.61	27.2	27.1	25.9	29.3	27.5	27.3	29.6	25.1	87	87	97	79	88	86	9.9
9	60.23	61.03	62.44	59.66	60.23	62.24	26	26.8	27	28.6	25.6	25	28.8	24.7	88	86	81	80	95	96	7.1
10	60.44	60.84	62.13	59.77	59.72	61.33	24.4	26.1	27.8	29	26	26.5	29.2	24	97	91	75	74	92	88	25
11	59.76	60.59	61.93	59.83	60.18	61.98	24.4	24.5	28.9	29.4	26.8	26.5	29.8	23.9	97	98	71	72	84	85	8.1
12	60.91	61.01	62.07	60.26	61.17	62.04	25.5	25.7	30	29.8	24.8	26.5	30.8	24.5	88	84	71	69	97	76	3.8
13	60.93	61.42	63.07	60.74	60.59	61.88	26	26	25	28.4	26	25.6	29.2	24.4	76	72	88	64	72	67	2.3
14	61.22	61.48	62.63	60.61	60.63	61.64	25.5	25.5	28.4	28.5	26.1	26	28.8	24	68	70	58	60	67	69	------
15	60.49	61.14	62.51	60.88	61.56	62.68	26.4	26.2	29	29.1	26.5	25.3	29.6	24.9	68	69	58	60	71	77	.3
16	61.98	62.26	62.83	61.16	61.56	62.21	25.4	25.4	27.5	28	26	25.4	29.2	24.1	82	80	69	67	80	77	1.8
17	61.04	61.38	62.21	60.28	61.27	62.08	25.6	25.5	28.6	27.5	26.5	26.5	29.6	24	73	72	71	71	73	77	------
18	61.58	62.18	63.31	61.43	62.12	62.57	26	26.1	28.5	29	26.5	26.7	29.2	25.3	80	79	74	71	80	83	2.3
19	61.98	62.19	62.91	61.34	62.44	63.38	25.2	24.8	25.2	26.5	25.4	24	27	23.9	92	95	98	92	97	97	50.8
20	62.27	62.37	63.72	61.73	61.96	62.93	26	25.4	29.4	30	27.4	26.2	30.3	24.8	94	93	79	71	81	90	10.4
21	61.88	62.01	62.78	60.98	61.33	62.53	25.2	25.2	27	26.8	25.5	26	29	24.4	90	87	84	89	94	92	84.4
22	60.98	61.83	62.43	60.96	61.07	62.76	26.1	21.2	24.4	26	25.5	26.5	26.7	20.8	88	98	97	92	92	84	54.1
23	61.64	62.14	63.52	62.03	63.06	64.27	26.4	26.4	28.1	27.1	25.4	25	29.2	23.3	82	81	80	80	88	83	32.3
24	63.12	63.24	64.18	62.56	62.94	63.92	26.2	26	27.1	26.4	26	26	28.2	25	73	72	72	73	72	65	2
25	62.58	62.63	63.57	61.68	61.36	62.33	25.8	25.4	27.5	24.6	25.1	26	28.2	23	67	69	63	82	83	72	.8
26	60.70	60.73	61.53	59.42	59.05	59.30	25.8	25.5	28.5	27.5	25.5	25.7	29.3	24.5	70	69	67	68	88	90	36.4
27	56.78	56.18	57.40	56.61	57.45	59.49	26.5	26	24.5	25.6	25.5	24.6	26.7	23.3	86	86	96	95	92	95	43
28	58.84	59.68	60.62	58.74	59.39	60.42	23.2	22.2	29.2	29.6	26.1	24.1	30	22	97	99	80	74	91	99	6.3
29	59.46	59.86	60.47	58.78	59.32	60.49	25.6	25.2	27	27.5	26	25	29	24	95	93	88	84	92	92	14
80	59.94	60.13	61.39	59.78	60.43	61.12	24.5	24.8	28.5	29.1	26.4	25.5	29.5	23	96	93	78	74	81	88	1.3
Mean	60.74	61.09	62.17	60.30	60.76	61.87	25.5	25.3	27.4	28	26.1	25.8	29.1	24	86.9	86.3	80.4	77.4	86.1	86.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	482

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	E	E	Calm	7.8	38.9	51.2	13.4	111.3	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. ENE
2	E	NE	NE	E	E	E	51.3	70	52	45.1	218.4	7	Ci.	Cu. NE	8	Ci.	Cu. ENE
3	Calm	Calm	E	ENE	ENE	ENE	4.5	33.5	70.2	58.7	166.9	6	Ci.	Cu. E	8	Ci.-S.	S.-Cu. ENE
4	Calm	E	E	ENE	Calm	E	24.4	46.4	37.3	37	145.1	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu ENE
5	Calm	Calm	Calm	ENE	ENE	ENE	13.1	35.2	38	55.5	141.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
6	Calm	E	ENE	ENE	ENE	ENE	55.2	74.6	100.6	100.4	330.8	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
7	ENE	ENE	Calm	ENE	ENE	ENE	99.8	47.7	97.2	128.1	372.8	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
8	ENE	ENE	E	ENE	ENE	ENE	141.8	149.5	127.1	87.1	505.5	6	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
9	ENE	ENE	ENE	ENE	Calm	Calm	73.8	93.8	81.1	35.7	284.4	8	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
10	Calm	ENE	ENE	ENE	ENE	ENE	25.1	111.8	114.9	74.5	326.3	8	Ci.	Cu. NE	7	Ci.	Cu. NE
11	Calm	NE	ENE	ENE	ENE	ENE	27.9	133.8	96.9	75.6	334.2	10	------	N. NE	6	Ci.	Cu. NE
12	ENE	ENE	ENE	ENE	Calm	ENE	55.8	67.9	50.1	70.3	244.1	4	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
13	ENE	ENE	ENE	ENE	ENE	NE	90.9	91.4	110.5	117.5	410.3	6	Ci.	Cu. NE	6	Ci.	Cu. NE
14	NE	NE	NE	NE	NE	NE	104.6	132	108	117.3	461.9	5	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
15	NE	NE	NE	ENE	NE	NE	104.6	118.8	105.6	113.2	442.2	10	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
16	NE	NE	NE	NE	NE	NE	106.7	111.6	76.1	70	364.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
17	NE	NE	NE	NE	NE	NE	84.2	70	56.5	70.6	281.3	8	Ci.	Cu. NE	5	Ci.	Cu. NE
18	NE	NE	NE	NE	NE	NE	43.5	60	83.4	100.8	287.7	10	Ci.-S.	Cu. NE	7	Ci.	Cu. NE
19	NE	ENE	NE	NE	NE	Calm	87.4	127.1	83.7	59.8	358	10	------	N. ENE	10	Ci.-S.	S.-Cu. NE
20	NE	NE	NE	NE	NE	NE	52.9	64.9	96.8	86.1	300.7	10	Ci.-S.	Cu. NE	3	Ci.	Cu. NE
21	NE	NE	NE	NE	NE	NE	91.7	102.2	105.1	81.8	380.8	4	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
22	NE	Calm	NE	NE	NE	NE	64.1	94.3	133.6	146.7	438.7	10	------	N. NE	10	Ci.-S.	S.-Cu. NE
23	NE	NE	NE	NE	NE	NE	123.6	132	126.8	88.2	470.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
24	NE	NE	NE	NE	NE	NE	147.1	162.5	152.9	130.4	592.9	4	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
25	NE	NE	NE	NE	NE	NE	111	104.6	91.7	117.5	424.8	5	A.-Cu.	Cu. NE	10	Ci.-S.	Cu. NE
26	NE	NE	NE	NNE	NE	NE	119.1	83.7	79.1	84.3	366.2	3	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
27	ENE	ENE	ENE	ENE	ENE	Calm	113.5	140	73.5	22.3	349.3	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. E
28	Calm	Calm	E	ENE	ENE	Calm	10	46.4	60.4	34.8	151.6	2	Ci.	Cu.	2	Ci.	Cu. E
29	ENE	ENE	ENE	ENE	ENE	Calm	48.3	51.7	74.5	50.2	224.7	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
30	Calm	ENE	ENE	ENE	ENE	ENE	23.6	62	74.8	62.2	222.6	10	Ci.-S.	S.-Cu. ENE	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	70.2	88.6	87	77.8	323.7	7.5	------	------	8.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,710.3	------	------	------	------	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.04	60.87	61.47	59.81	60.28	61.24	25.6	25.7	28.8	28.6	26.5	25.7	29	25	85	83	76	75	80	84	1.3
2	60.05	60.95	61.94	60.35	60.79	61.77	22.8	21.7	29.1	29.5	25	22.8	29.8	21.5	95	98	70	66	88	97	.5
3	60.90	61.89	62.59	61.26	62.12	63.25	21.5	20.8	28	30	26	24	30.4	20.6	97	98	77	68	80	91	13.5
4	62	62.93	63.67	62.19	62.73	63.69	23	22.5	28.3	29.1	26	26	29.5	22.3	96	97	75	70	80	84	2.1
5	62.66	63.08	63.72	62.11	62.74	63.76	25.6	25.4	29	28.8	26.5	26.5	30.2	24.5	85	84	71	69	74	76	1.8
6	62.96	63.12	63.76	61.88	62.16	63.06	24.6	24	26.6	24.6	24	25.3	28.2	23.5	88	91	83	91	91	86	28.1
7	61.72	62.45	63.53	61.06	61.73	62.84	24.5	23.4	28.5	29	26.5	25.2	29.2	23	96	97	70	64	76	87	3.8
8	60.98	61.47	62.11	60	61.08	62.26	26.2	24.9	29.3	29.5	26.5	26.5	29.8	23.9	90	89	72	71	80	77	3.8
9	61.42	61.66	62.68	60.97	61.43	62.23	25.4	25.9	28	28.5	26.2	26.2	28.8	23.2	82	81	74	74	79	79	9.2
10	61.81	61.91	62.76	61.15	61.56	62.63	26.2	25.6	29.5	28.8	27	26.5	30.2	25	79	80	68	72	77	84	13
11	61.31	60.91	61.73	59.66	59.99	61.37	24.8	25.1	26.4	28.4	27	26.5	29.4	24	93	94	89	78	84	88	10.1
12	60.02	60.84	61.76	59.41	59.83	60.88	25.5	24.6	28.5	25.5	26.3	26.4	29.9	24	88	87	78	92	94	89	15.8
13	59.59	60.41	61.63	59.96	60.98	61.78	25	24.7	29	29	26.7	26	29.6	24.6	96	97	81	78	83	84	10.7
14	59.73	60.28	61.36	59.63	60.35	60.86	26	25.4	26.9	25.5	25	25.6	27.3	24	85	92	81	94	92	95	37.8
15	59.78	59.85	60.33	58.56	59.81	60.63	25.2	25.1	27	29	26.5	24.6	29.2	24	97	97	92	82	90	99	7.7
16	60.08	60.95	61.53	59.61	60.69	61.72	24.4	24.2	28.7	29	26	25.8	29.8	24	98	98	80	80	88	87	4.3
17	60.86	61.29	62.23	59.82	61.13	62.14	25.8	24.6	24	25	23.7	24	26.2	23.1	87	97	91	96	98	96	103.9
18	60.84	61.48	62.48	61.27	62.13	63.27	24.4	24.7	26	25.5	24.5	24	26.8	23.1	95	94	84	84	92	91	34.4
19	62.12	62.43	62.95	61.22	62.34	63.43	24.7	25	25	26.5	23.5	24.5	26.6	23	90	88	96	84	96	96	81.8
20	62.74	63.12	63.44	61.53	62.37	63.08	24.4	24.5	26.6	28	26	25.5	28.8	23	92	92	83	74	84	88	16.5
21	61.85	61.98	62.73	60.21	60.98	61.87	25.3	25	28.8	28	26	24.1	29.6	23.5	89	93	76	79	92	99	14.5
22	60.08	60.45	61.23	58.95	59.39	60.54	24.1	24.1	27.6	26	25	25	28.6	24	99	99	87	92	96	96	12
23	59.25	59.98	61.42	59.54	60.49	61.39	24.2	24	27	28.4	26	26	29.4	23.5	97	97	86	78	80	84	.5
24	60.39	60.44	61.38	59.53	59.71	60.07	26.2	26.4	26.4	24	25	25	27	22.7	82	80	85	91	88	88	32.8
25	59.31	59.34	59.82	58.06	58.58	59.50	25.6	25.4	27.5	25.4	25	25.5	27.6	24.5	87	88	84	97	96	92	28
26	58.43	58.73	59.64	58.02	57.90	59.69	25.5	25.5	26.5	26.5	26	25	27.4	24.7	92	93	92	92	92	96	8.7
27	58.61	59.48	60.16	59.23	59.88	61.08	25.2	26	24.2	26.4	25	25.5	26.6	23.8	94	88	94	85	80	80	8.6
28	60.63	61.24	62.06	60.47	61.43	62.53	25	25.2	27	27.5	25.1	25	28.6	23.5	78	75	70	70	71	72	1.3
29	62.08	62.98	63.84	61.97	62.38	63.53	24.8	24.8	25	24.5	24.5	24.8	27	23.5	75	80	92	96	96	89	79.8
30	63.03	63.85	64.60	63.91	63.63	65.88	23.7	23.5	24	22.7	23.5	23.2	25	22.4	98	100	96	97	91	90	57.9
31	64.60	64.98	65.32	64.04	65.08	66.28	24.2	24.5	24.2	24	24	23.4	25.6	22.5	85	83	91	91	87	91	26.5
Mean	60.96	61.46	62.25	60.50	61.15	62.20	24.8	24.6	27.1	27.1	25.5	25.2	28.4	23.5	90	90.6	82.1	81.6	86.3	88.2	
Total																					670.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	ENE	NE	NE	NE	NE	59	81.6	75.1	60.4	276.1	3	Ci.	Cu. ENE	9	Ci.-S.	Cu. NE
2	Calm	Calm	ENE	ENE	Calm	Calm	16.9	41.2	44.1	15	117.2	2	Ci.	Cu. NE	4	Ci.	Cu. ENE
3	Calm	Calm	NE	NE	NE	NE	16.3	33.8	56.9	32	139	4	Ci.	Cu. ENE	2	Ci.	Cu. ENE
4	Calm	Calm	NE	ENE	ENE	ENE	18.2	54.9	72.7	69.2	215	10	Ci.-S.	S.-Cu. NE	3	Ci.	Cu. ENE
5	ENE	ENE	ENE	ENE	ENE	ENE	61.2	80.7	101.7	108.9	352.5	7	Ci.	S.-Cu. ENE	5	Ci.	Cu. ENE
6	ENE	ENE	ENE	ENE	ENE	ENE	77.2	70.8	91.4	112	351.4	8	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
7	ENE	Calm	ENE	ENE	ENE	ENE	100.6	101.2	120.1	116.9	438.8	8	Ci.-S.	S.-Cu. ENE	4	Ci.	Cu. ENE
8	ENE	ENE	ENE	ENE	ENE	ENE	94.6	98.5	109.4	101.7	404.2	10	Ci.-S.	S.-Cu. ENE	7	Ci.	Cu. ENE
9	ENE	ENE	ENE	ENE	ENE	ENE	89.8	131.4	169.5	160.9	551.6	8	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10	ENE	ENE	ENE	ENE	ENE	ENE	122.8	104.9	119.9	130.4	478	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
11	E	E	E	E	E	E	85.6	75.4	67.4	51	279.4	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
12	E	E	ENE	Calm	NE	NE	35.1	62.2	58.5	53.7	209.5	6	Ci.	Cu. E	10	Ci.-S.	S.-Cu. NE
13	ENE	Calm	ENE	ENE	ENE	ENE	23.3	63	140.8	120.7	347.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
14	ENE	ENE	ENE	ENE	ENE	ENE	103.8	140.5	113.2	72.2	429.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
15	E	E	E	E	E	Calm	64.4	72.9	57.6	9.2	204.1	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
16	E	Calm	E	E	E	E	19.5	67.1	66	81.9	234.5	10	Ci.-S.	N. E	6	Ci.	Cu. E
17	NE	NE	NE	NE	NE	NE	81.3	93.1	128.9	98.2	401.5	10		N. NE	10	Ci.-S.	S.-Cu. NE
18	NE	NE	NE	NE	NE	NE	135.2	168.9	172.2	166.8	643.1	10		N. NE	10	Ci.-S.	S.-Cu. NE
19	NE	NE	NE	NE	NE	NE	169.4	147.3	135.2	124.7	576.6	10		S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
20	ENE	ENE	ENE	ENE	ENE	ENE	110.7	108.1	125.5	104.6	448.9	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
21	ENE	ENE	ENE	ENE	Calm	ENE	56.3	90.1	56.9	31.7	235	8	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
22	Calm	Calm	NE	Calm	Calm	E	13.4	32	41.6	16.4	103.4	10	Ci.-S.	Cu. ENE	10		N. E
23	Calm	Calm	ENE	ENE	ENE	ENE	12.7	46.2	86.1	100.8	245.8	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. ENE
24	ENE	NE	NE	NE	NE	NE	112.4	140	106.4	87.5	446.3	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
25	NE	NE	NE	NNW	NNW	NNW	105.4	96.6	85.6	61	348.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. N
26	NW	NW	NNW	NW	Calm	Calm	41.2	63.3	60.4	13.1	178	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. N
27	Calm	NNE	NNE	NNE	NNE	NNE	34.6	75.4	82.1	99.8	291.9	10	Ci.-S.	Cu. N	10	Ci.-S.	S.-Cu. N
28	ENE	ENE	ENE	NE	NE	NE	137.8	124.5	151.9	147.5	561.7	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
29	ENE	ENE	ENE	ENE	ENE	ENE	120.2	114.8	164.3	147.9	547.2	6	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
30	ENE	ENE	ENE	ENE	ENE	ENE	112	126.1	131	116.1	485.2	10		N.	10		N. ENE
31	NE	NE	NE	NE	NE	NE	129.5	146.4	162.5	148.1	586.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
Mean							76.1	92	101.8	89	359	8.6			8.2		
Total											11,128.5						

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.04	61.14	62.40	60.82	60.96	62.33	22.6	23	27.9	23.6	23.4	22.9	30	21.7	89	90	74	97	98	97	23
2	60.67	60.53	61.10	58.34	58.91	60.31	22.4	22	25.4	30.1	26	23.5	30.5	21.4	96	96	83	64	76	91	------
3	60.04	60.42	61.50	58.49	59.48	61.41	22.2	21.4	27.1	30.7	26.4	23.7	31.1	21	95	97	75	62	67	87	------
4	60.53	60.83	62.64	60.74	60.80	61.64	23.5	22.1	28.4	29.2	26.3	23.5	30.2	21.8	91	95	72	64	71	87	------
5	60.83	60.75	61.83	59.68	60.09	61.21	22.2	21.2	27.4	29.2	26.2	23.1	30.2	20.8	95	98	74	67	78	94	1.5
6	60.51	60.68	61.10	58.94	59.47	60.58	21.8	22	26.2	27.6	25.1	21.5	29.3	21.3	96	99	82	67	72	94	------
7	60.03	60.50	61.08	58.84	59.21	60.61	20.8	20	25.8	30.4	26	23	30.8	19.5	94	94	74	57	72	90	------
8	59.91	60.34	61.53	59.24	59.66	61.21	21.8	21	26.1	30.3	26	24.7	31.4	20.4	93	95	83	64	76	81	------
9	59.98	60.04	60.82	58.13	58.60	60.16	21.6	20.6	26.5	31.6	27.5	24.3	32.3	20.2	95	98	82	62	64	85	------
10	59.36	59.56	60.50	58.52	58.98	59.86	23.8	23.1	27.4	29.1	26.1	24	30	22.8	95	97	77	71	82	95	------
11	59.52	60.04	61.75	59.46	60.51	61	23.8	23	25.7	27.5	25.5	23.1	28.8	22	97	98	86	79	76	90	.5
12	60.16	60.98	62.04	59.40	60.64	61.54	21.8	21.2	25.1	28.5	26	23.2	28.7	21	95	96	79	67	73	90	------
13	60.93	61.74	62.78	59.88	60.31	61.06	22.5	21.8	25.9	30	26.4	24	30.6	21.5	96	97	79	64	86	91	.8
14	60.78	61.36	62.32	59.89	60.78	62.09	22	20.5	26.9	30.2	28	25	32	19.9	96	98	75	60	74	88	------
15	61.50	62.27	63.10	60.28	61.12	62.68	22.8	20.6	27.2	31.5	27	24.7	32.5	20.4	97	98	77	59	75	87	------
16	61.86	62.37	63.63	60.58	60.66	62	23.6	22.5	27.8	32.1	28	25	32.8	21.8	95	97	79	60	76	87	------
17	60.86	61.62	62.90	59.96	60.48	61.68	24.2	21.8	27.1	31.5	27.5	24	32.4	21.2	91	96	79	58	70	87	------
18	61.01	61.95	63.23	60.42	60.34	62.06	22.5	20.5	25.6	28.7	26	22.1	30	20	96	98	83	61	76	91	------
19	61.35	61.90	62.86	60.19	61.30	62.33	20.2	19.1	25	30.5	26	21.8	31.1	18.8	98	99	84	61	72	91	------
20	61.96	62.45	62.95	60.24	60.59	61.65	20.6	18.9	27	30.5	26.6	24	31.3	18.2	96	97	71	62	75	88	------
21	61.40	62.14	63.36	60.61	60.52	61.95	23.6	23.2	26.3	31.9	28.5	23.8	32.9	22.8	93	94	83	58	71	89	------
22	61.46	62.51	63.80	61.38	61.83	62.91	22.3	21.5	27.2	31.6	27.3	22.9	32.2	20.8	96	95	78	59	71	89	------
23	62.51	63.29	64.18	61.53	62.12	62.87	21.6	20	28	31.2	26.8	24.8	32.5	19.5	95	98	70	58	71	83	------
24	62.50	63.16	64.10	61.53	62.35	63.56	23.2	21.6	26.8	30.9	26.4	24.2	31.2	21.4	94	95	75	65	75	90	.8
25	62.96	64.20	64.98	62.62	63.84	64.69	23.5	22.2	26	30.5	25	24	30.6	21.6	96	98	82	62	76	91	------
26	63.64	64.52	65.60	62.72	63.74	65.25	22.6	20.5	26.9	30.4	24.6	20.7	31	19.9	97	99	72	59	75	94	------
27	64.57	64.88	65.38	62.82	63.66	65.19	19.5	17.5	26.6	27.8	24	20.4	29.9	16.7	95	95	62	57	69	91	------
28	64.68	65.01	65.94	63.47	64.10	65.09	17.6	18	26	29.4	24.2	19.5	29.9	17	94	92	62	48	62	84	------
29	64.48	64.43	65.29	63.14	63.67	65.24	18.8	18.4	26.6	29	25.4	20.6	30.9	17.6	88	94	69	62	69	91	------
30	64.47	64.91	65.78	63.43	64.17	65.19	18.6	17.5	26.7	28.8	25.4	20.8	31.7	16.9	98	99	64	61	68	87	------
31	64.51	64.69	66.03	63.59	64.15	65.62	20.8	20.6	25.7	29.5	25	21.4	30	19.5	89	90	69	55	64	84	.3
Mean	61.61	62.10	63.11	60.61	61.19	62.42	21.9	20.9	26.6	29.8	26.1	23	30.9	20.3	94.5	96.2	75.9	62.9	73.5	89.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	26.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	2	N	2	N	2	N	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. E
2	N	2	NW	2	N	2	E	4	E	4	E	1	10	Ci.-S.	Cu.-N.	5	A.-Cu. ESE	Cu. E
3	N	1	NE	1	NE	2	NE	2	E	3	N	2	2	Ci.	Cu. E	5	A.-Cu. ESE	Cu. E
4	N	1	NE	2	E	1	E	4	E	3	NE	1	6	A.-Cu.	Cu. NE	7	Ci.	Cu. E
5	N	1	N	1	N	2	ESE	4	NE	2	NE	1	5	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
6	N	1	N	1	NE	1	E	3	E	3	N	1	10	Ci.-S.	Cu.-N. NE	8	Ci.	Cu.-N. E
7	N	1	N	1	N	1	NE	3	E	3	E	1	2	Ci.	Cu.	4	Ci.	Cu. E
8	N	1	N	1	NE	2	E	4	E	3	E	1	5	Ci.	Cu. NE	5	Ci. SE	Cu. E
9	N	1	N	1	N	2	E	2	E	4	N	1	3	Ci.	Cu. E	5	Ci. SE	Cu. E
10	N	1	N	1	NE	2	E	4	E	3	N	3	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
11	NE	2	NE	2	NE	2	NE	3	NE	3	N	2	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
12	N	1	E	2	E	2	E	2	E	3	NE	2	6	A.-Cu.	Cu. E	9	A.-Cu.	Cu. E
13	NE	2	NE	1	NE	3	NE	2	NE	2	NE	2	10	Ci.-S.	Cu.-N. E	5	Ci.	Cu.-N. E
14	N	1	N	1	NE	2	NE	2	Calm	----	NE	1	3	Ci.	Cu.	6	A.-Cu.	Cu. ESE
15	N	1	N	1	N	2	NE	3	E	3	E	1	4	Ci.	Cu. E	6	A.-Cu.	Cu. SE
16	NE	1	N	1	NE	2	ESE	2	ESE	1	N	3	4	Ci.	Cu. ESE	4	A.-Cu.	Cu. E
17	N	1	N	2	NE	2	NE	3	WNW	2	N	2	5	Ci.	S.	4	A.-Cu.	Cu. NE
18	NE	2	NE	2	NW	3	NNW	3	NE	2	E	2	3	Ci.	Cu.	6	Ci.	Cu. NW
19	N	1	N	2	N	2	N	3	ENE	4	N	1	8	Ci.	Cu. E	6	A.-Cu.	Cu. E
20	N	1	N	1	NE	2	ENE	2	NE	2	NE	3	3	Ci.	S.	7	A.-Cu.	Cu. ESE
21	N	1	WNW	1	N	2	N	2	NW	4	N	2	10	Ci.-S.	Cu.-N. W	4	A.-Cu.	Cu. W
22	N	1	NNE	2	NNE	3	NE	4	E	3	NNE	3	8	A.-Cu. ESE	Cu. ENE	6	A.-Cu.	Cu. ENE
23	NW	1	N	1	NE	2	E	4	ESE	4	E	2	4	Ci.	S.	5	Ci. SE	Cu. E
24	N	1	N	2	NE	2	NE	4	E	3	NE	2	7	A.-Cu. ENE	Cu. E	8	Ci.-S.	Cu. E
25	N	2	NNW	2	N	3	NE	2	ENE	2	N	1	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
26	N	1	NNE	2	NNE	4	E	4	E	4	NNE	2	4	Ci.	Cu. E	5	Ci. SSE	Cu. E
27	NW	1	NW	2	NE	2	NE	5	E	6	NE	4	3	Ci.	Cu. E	6	Ci.	Cu. E
28	NW	1	NW	2	NE	4	NE	4	E	5	NE	2	2	Ci.	Cu. E	5	Ci.	Cu. E
29	N	1	N	1	NE	4	NE	3	NE	4	NE	2	4	Ci.	Cu. E	8	A.-Cu. ENE	Cu. E
30	N	1	N	1	N	2	ENE	6	ENE	6	ENE	2	2	Ci.	Cu.	5	A.-Cu. E	Cu. NE
31	N	1	NE	1	NE	3	NE	5	NE	4	N	2	9	Ci.	Cu. E	5	Ci.	Cu. E
Mean	------	1.2	------	1.4	------	2.3	------	3.2	------	3.1	------	1.8	5.8	------	------	6.2	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.89	65.30	66.27	63.61	64.28	65.50	21	20.1	27.5	28.4	24.5	21	30	19.2	87	86	60	57	68	87	------
2	64.55	64.68	65.30	62.73	63.38	64.21	19	18.5	27.6	29.5	25.5	22	31	17.6	94	97	56	52	65	84	------
3	62.81	63.18	63.94	61.25	61.42	62.61	20.5	19.5	27.8	29.8	25.2	21.2	32.4	18.8	91	93	62	54	70	87	------
4	61.77	62.06	62.70	60.03	60.56	61.74	19.4	18	28.2	31.5	25.5	21.5	32.1	17.2	96	98	66	48	62	87	------
5	61.70	61.87	62.65	60.03	60.89	62.46	19.5	17.8	27.2	32	26.4	22	32.6	17.4	95	96	65	49	58	82	------
6	61.61	62.17	63.02	60.82	61.45	62.79	21.2	21	28.2	30.4	25.7	24.2	32	20.5	89	91	62	56	68	82	------
7	61.62	62.01	62.83	60.36	60.74	62.09	23.2	20.9	28.1	31.7	26.8	23.8	32.4	20.4	85	94	65	56	71	85	------
8	61.08	61.10	62.35	59.94	60.70	61.85	21.7	21	28	28.2	26	24.2	32	20.4	94	95	68	73	69	77	0.3
9	61.09	61.77	62.68	60.36	60.59	61.32	23	20.8	28.2	30	27.5	25	32.8	20.4	83	93	66	62	73	80	------
10	60.94	61.54	62.75	60.21	61.07	62.45	22.4	20.4	27.8	33	28	25.4	33.2	20	91	96	68	51	74	88	------
11	61.63	62.20	63.16	60.97	62	63.49	24.4	23	29.2	31.8	26	22.7	32.7	20.6	88	92	66	55	69	80	------
12	63.12	63.86	64.85	61.98	62.23	63.84	20.2	19	27.7	29	24.4	21.8	31.6	18.4	91	94	58	54	69	84	------
13	62.99	63.49	64.10	61.57	62.03	63.50	21.4	21.1	27.3	30	25.4	22.6	31.1	20.5	89	90	65	54	72	86	------
14	63.01	63.76	64.79	62.51	62.68	64.64	21.4	19.7	27.8	30.4	26.1	22.4	31.7	19	91	95	69	58	67	84	------
15	63.76	63.93	64.69	62.25	62.68	64.78	20.4	19.2	28.5	32	27.7	25.2	33.2	18.6	96	98	66	52	64	80	------
16	63.96	64.99	65.74	62.35	62.34	63.64	23.1	20.7	29	32.2	26.5	23.2	32.8	20.4	92	94	64	48	66	81	------
17	62.81	63.20	63.98	61.15	61.68	62.51	20.8	18.6	28.4	31.1	25.6	23.5	32.5	18.2	93	98	57	49	67	76	------
18	61.61	61.83	62.80	60.27	60.47	61.68	20.4	18.6	28.1	30.7	26.8	23.6	32	18.4	92	96	65	56	69	80	------
19	60.89	61.33	62.24	59.98	60.10	61.59	20.2	18.6	28.5	31.2	26	21.6	32	18	96	98	60	45	62	87	------
20	60.68	60.65	61.55	59.06	59.45	60.86	19.2	17.4	26.7	31.1	26.8	24.4	32	17	94	96	69	52	65	78	------
21	60.61	60.44	60.57	58.84	58.94	60.30	22.5	22	29.4	30	28.4	26.5	32.2	21.4	90	91	64	59	65	73	------
22	59.37	59.86	60.64	57.80	58.14	59.92	25	23	30.7	32.7	27.8	24.2	33.5	22	83	91	59	52	63	83	------
23	59.39	59.68	59.85	57.20	57.97	59.96	21.5	20	30.2	33.4	27.4	23.7	34	19.4	95	97	60	46	61	82	------
24	59.33	60.09	61.05	58.89	59.13	60.76	20.5	18.7	28.6	32.6	27.1	24.2	33.2	18.2	95	99	63	49	66	80	------
25	60.53	60.94	61.74	59.39	59.01	60.74	20.8	18.8	29.8	32.9	29	24	34.9	18.2	93	96	61	48	60	74	------
26	60.24	60.54	61.22	58.17	58.06	60.03	22.8	21.5	29.9	33.4	30	24.7	34.5	20.6	89	91	62	48	62	84	.3
27	59.65	60.31	61.32	57.99	58.08	59.94	24	23.2	28.7	32.6	27	25.8	34	22.4	91	95	69	52	70	73	------
28	59.46	60.22	61.45	58.86	59.29	61.42	24	22	28.5	32.9	27.1	26	34	21.9	83	91	64	51	67	76	------
Mean	61.61	62.04	62.87	60.31	60.69	62.16	21.6	20.1	28.4	31.2	26.6	23.6	32.6	19.5	90.9	94.3	63.5	53.1	66.5	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	N	3	NE	3	NE	4	E	5	N	2	5	Ci.	Cu. NE	7	Ci.	Cu. NE
2	N	2	N	2	NE	3	E	5	E	4	N	2	3	Ci.	Cu. E	5	A.-Cu. ENE	Cu. E
3	N	1	N	1	N	2	NE	6	NE	4	NE	2	9	Ci.	Cu. ENE	4	A.-Cu. NE	Cu. ENE
4	N	2	N	2	NE	4	ENE	4	ENE	4	N	2	2	Ci.	Cu.	5	Ci.	Cu. ENE
5	N	2	N	2	N	2	NE	4	E	5	N	2	1	Ci.	Cu.	5	Ci. SSE	Cu. ENE
6	N	1	N	1	NE	2	NE	3	E	5	NE	4	7	Ci.	Cu. ENE	7	A.-Cu.	Cu. NE
7	N	2	N	2	ENE	2	ENE	3	ENE	3	ENE	2	6	Ci.	S.-Cu. NE	7	Ci.	Cu. NE
8	NE	1	NE	1	NE	2	E	2	NE	3	NE	2	7	A.-Cu. SE	Cu. NE	8	Ci.	Cu.-N. ENE
9	NE	1	NE	1	N	2	E	3	E	2	E	2	8	Ci.-S.	Cu.-N. E	8	A.-Cu. ESE	Cu. E
10	NE	2	N	2	N	2	E	2	N	3	NW	2	5	Ci. SSW	Cu. E	6	A.-Cu.	Cu. E
11	NE	1	NE	1	NE	3	ESE	5	ESE	5	NE	2	7	A.-Cu. SE	Cu. E	7	A.-Cu.	Cu. E
12	N	1	NE	1	NE	2	ESE	6	ESE	5	ESE	2	3	Ci.	Cu. E	6	Ci.	Cu. E
13	N	1	N	2	NE	3	E	6	E	3	E	2	7	A.-Cu.	Cu. E	4	Ci.	Cu. E
14	N	1	N	1	NE	2	NE	5	NE	4	NE	1	8	Ci.	Cu.-N. E	6	A.-Cu. ENE	Cu. E
15	N	2	N	2	NE	3	NE	2	NE	2	N	2	1	Ci.	Cu.	5	Ci.	Cu. NE
16	N	1	NE	1	NE	2	E	4	E	3	NE	1	5	Ci.	Cu. NE	5	A.-Cu.	Fr.-Cu. NE
17	N	1	N	1	N	3	E	5	E	5	N	3	3	Ci.	Cu.	1	Ci.	Cu. ENE
18	N	1	N	1	N	2	E	6	E	4	E	2	3	Ci.	Cu. NE	6	A.-Cu. ENE	Cu. E
19	N	1	N	2	N	3	NE	4	E	4	N	2	4	Ci.	Cu. E	3	A.-Cu.	Cu. E
20	N	1	N	2	N	2	E	4	E	4	N	2	5	A.-Cu.	Cu. E	8	Ci. SSE	Cu. E
21	N	2	N	2	E	4	E	4	E	2	E	2	8	Ci.	Cu.-N. ESE	7	A.-Cu. ESE	Cu. E
22	N	2	N	2	E	3	E	4	E	4	N	2	5	A.-Cu.	Cu. ESE	4	A.-Cu.	Cu. ESE
23	N	2	N	1	E	2	E	4	E	4	E	1	1	Ci.	Cu. E	2	A.-Cu.	Cu. E
24	N	2	N	1	N	3	E	5	E	4	E	2	3	Ci.	S.	5	A.-Cu.	Cu. E
25	N	1	N	1	N	3	E	4	E	3	E	2	1	------------	Cu.	4	A.-Cu.	Cu. E
26	NW	1	NW	1	N	2	NW	3	NW	2	NW	2	6	Ci.	Cu. NW	5	A.-Cu.	Cu. NW
27	N	1	N	2	N	2	E	3	E	3	E	2	5	A.-Cu.	Cu. NE	6	A.-Cu.	Cu. ENE
28	NW	1	NW	1	NW	2	NE	3	NE	2	NE	2	2	Ci.	Cu. NE	6	A.-Cu.	Cu. E
Mean	------	1.4	------	1.5	------	2.5	------	4	------	3.6	------	2	4.6	------------	------------	5.4	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.78	61.89	62.87	60.35	60.63	62.09	23.8	21	29.4	32.5	27	23.6	33	20.5	85	96	59	51	69	85	------
2	61.56	62.31	62.95	59.53	59.49	61.44	21.7	21.4	29.6	34.5	26.8	25	35	21	90	89	53	39	60	76	------
3	60.96	61.08	61.93	58.99	59.32	60.95	21	21.4	30.2	31.8	28.4	25.5	34.1	19.9	91	87	58	50	61	78	------
4	60.36	60.85	61.78	59.40	59.40	60.79	24	23.5	29.2	31	27.6	25.5	32.5	22.5	83	84	57	52	66	78	0.8
5	60.46	60.76	61.58	58.67	58.98	60.77	23.2	22.6	28.8	33.4	28.2	25	34	22.3	93	98	68	46	69	82	------
6	60.02	60.54	61.29	59.22	59.03	60.55	24.1	21.6	28.5	31.1	27.5	25.6	32	21.4	82	98	66	56	66	75	------
7	59.78	59.68	60.25	57.68	57.86	60.09	23	21.2	29.7	33.2	28.9	26.2	34.5	20.9	90	95	63	51	66	76	------
8	58.78	58.89	59.40	56.28	56.61	58.61	23.6	22	28.9	34.2	29.2	26.6	35.6	21.5	91	99	72	49	64	77	------
9	57.76	57.78	58.53	56.11	56.26	58.39	23.6	21.5	29.4	34.9	31.2	26.8	35.6	21.2	91	97	67	50	64	72	------
10	57.97	58.42	59.56	57.81	58.26	59.85	25.7	22.6	31	32.7	28.2	25.8	35.2	22.3	78	90	61	54	63	75	------
11	59.53	59.71	60.22	57.81	57.84	59.86	23.4	21	30.8	34.5	29.2	24.8	35.2	20.6	88	95	60	49	63	80	------
12	59.56	59.84	60.32	57.12	56.73	59.04	24	21	30.2	35.7	32.3	25.7	36.6	20.4	83	95	60	41	54	86	------
13	58.89	59.68	60.45	57.30	56.68	59.43	23.8	23	29.1	35.6	31.4	26.5	36.9	21.6	93	99	68	41	57	80	------
14	59.21	59.80	60.81	58.21	58.19	60.94	25.6	23	29.6	34.1	29.4	27.2	36	22.6	79	93	64	49	60	71	------
15	60.20	60.06	60.55	59.01	59.16	60.44	24	22	31.2	32.8	29.2	26	34	21.6	91	93	57	51	63	71	------
16	59.52	59.93	60.91	58.65	57.91	59.85	22.5	21.2	30.8	33.4	29.5	24	34.1	20.7	87	92	54	45	58	79	------
17	60.03	60.42	60.83	57.74	57.98	60.34	21.2	19	30.6	34.5	28.8	23.8	35.1	18.4	89	98	53	39	56	80	------
18	59.64	59.73	60.47	57.84	58.10	60.01	22.2	19.4	30.9	35.4	29.6	26	35.5	18.8	89	95	57	40	58	72	------
19	59.36	59.57	60.41	58.40	58.53	60.09	22.4	20.5	31.2	32.4	28.5	25	33.6	20	88	95	55	53	60	70	------
20	59.88	60.57	61.15	58.70	58.56	60.05	22	19.6	31.6	34.5	29	25.5	35	19.4	91	94	57	45	58	69	------
21	59.31	59.35	59.63	56.57	56.56	58.70	21.8	19.5	30.7	36.4	31.2	25.8	37.4	19	89	95	52	29	50	74	------
22	57.76	58.78	60.17	57.40	56.96	58.87	23.4	21.8	29.8	35.4	30.6	26	36	21.3	88	93	66	41	53	76	------
23	57.81	58.44	59.43	57.08	57.22	59.89	23.6	21.4	30.6	35	30.2	24.7	35.4	20.8	86	96	60	44	58	78	------
24	59.48	60.31	61.41	58.84	58.60	60.98	23	21	30.7	35.6	32	27	37.1	20.4	88	93	58	38	60	68	------
25	60.71	61.26	62.13	59.07	58.96	61.22	24.2	23.5	31	35.7	29.4	26.6	36.4	23.2	85	89	62	44	56	73	.8
26	60.37	60.82	61.76	60.16	60.14	61.60	24.1	23.2	31	30.2	27.1	24.5	32.4	22.8	91	95	59	54	62	72	------
27	60.96	62.02	62.47	60.19	60.07	61.86	21.7	22.2	27.5	31.1	28.5	23.5	32	20.7	85	86	70	61	50	82	.3
28	61.76	62.21	62.66	59.43	59.29	61.59	21.8	19.9	30.4	35.3	30.5	26	37	19.5	87	97	53	34	42	67	------
29	61.02	61.59	62.33	59.43	59.46	61.38	22.4	20.5	31.8	34.6	29.4	26.3	36	20.2	88	95	55	45	62	76	------
30	60.84	61.40	62.10	60.09	59.98	61.62	24.6	22.3	31	32.9	28	24.6	34.1	22	87	94	57	49	63	75	------
31	60.86	61.07	61.73	59.50	59.97	61.74	23.6	21.5	30.3	34.2	28.2	26.2	34.5	20.9	78	91	57	48	66	79	------
Mean	59.84	60.28	61.03	58.47	58.48	60.42	23.2	21.5	30.2	33.8	29.2	25.5	34.9	20.9	87.2	93.7	59.9	46.4	59.9	75.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	2	NE	3	E	4	E	4	E	1	1	Ci.	Cu.	7	A.-Cu. E	Cu. NE
2	N	1	N	2	NE	4	E	3	E	4	E	1	1	Ci.	Cu.	1	Ci.	Cu. E
3	NE	1	NE	1	NE	2	NE	3	E	4	NE	2	6	A.-Cu.	Cu. E	6	A.-Cu. ENE	Cu. E
4	N	2	N	1	ENE	2	E	5	E	4	N	1	8	Ci.	Cu.-N. E	7	A.-Cu. E	Cu. ENE
5	N	1	N	1	NE	2	NE	2	ESE	3	N	1	7	Ci.	Cu.-N. ENE	5	Ci.	Cu.-N. ENE
6	N	1	N	1	N	2	E	3	E	3	E	2	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
7	N	1	N	1	NE	2	E	3	E	2	E	2	3	Ci.	Cu.	7	A.-Cu. ENE	Cu. E
8	NE	1	NE	1	NE	2	E	2	E	3	NE	3	5	Ci.	Cu. NE	7	A.-Cu. SE	Cu. N
9	NE	1	NE	1	NE	2	NE	3	ESE	1	NE	1	1	Ci.	Cu.	6	Ci. SE	Cu. E
10	NE	1	NE	1	NE	2	NE	4	E	4	E	1	1	Ci.	Cu.	5	A.-Cu. ESE	Cu. E
11	N	1	N	1	NE	3	NE	4	NE	4	N	2	1	Ci.	Cu.	4	A.-Cu.	Cu. ENE
12	N	1	N	1	N	3	N	2	NW	2	NW	2	2	Ci.	Cu.	5	A.-Cu.	Cu. E
13	NW	2	NW	2	N	3	ESE	3	ESE	2	N	2	10	Ci.	S. NW	5	A.-Cu.	Cu. SSE
14	N	1	NE	1	NNW	3	NE	3	NE	5	E	2	1	Ci.	Cu. NW	5	A.-Cu.	Cu. NE
15	NE	1	NE	1	ENE	4	ENE	5	ENE	5	ENE	3	3	Ci.	Cu.	4	A.-Cu.	Cu. E
16	N	1	N	1	E	3	E	3	E	2	E	2	2	Ci.	Cu. E	3	A.-Cu.	Cu. E
17	NW	2	NW	2	E	3	E	3	E	2	E	2	3	Ci.	Fr.-S.	2	Ci.	Cu. E
18	N	1	N	2	N	3	E	4	E	4	E	2	1	Ci.	Cu.	5	Ci. SSW	Cu. E
19	N	2	N	1	NE	3	E	5	E	5	E	2	4	Ci.	Cu. E	5	A.-Cu. ENE	Cu. E
20	NE	1	NE	1	E	3	E	4	E	4	E	2	2	Ci.	Cu. E	5	Ci.	Cu. E
21	N	1	N	2	NE	3	NE	2	SE	2	N	1	2	Ci.	Fr.-S.	2	A.-Cu.	Cu.
22	NE	2	NNE	2	NE	2	NE	3	Calm	----	SE	2	4	Ci.	Cu. SE	5	Ci.	Cu. E
23	N	1	N	2	N	2	E	3	E	2	N	1	3	Ci.	Fr.-Cu.	3	A.-Cu.	Cu. ENE
24	N	2	N	1	N	2	NE	2	N	3	N	2	2	Ci.	S.-Cu. E	4	A.-Cu.	Cu. ESE
25	N	1	NE	1	NE	3	SE	2	SE	2	NE	3	6	A.-Cu.	Cu. NE	6	A.-Cu.	Cu. ESE
26	N	1	N	1	NE	3	E	5	E	4	N	2	4	Ci.	Cu. NE	6	A.-Cu. ENE	Cu.-N. NE
27	N	1	E	2	E	3	E	2	E	5	N	2	10	Ci.	Cu.-N. E	7	Ci.	Cu.-N. E
28	N	1	N	1	N	3	N	3	E	4	NE	3	4	Ci.	Cu.	3	Ci.	Cu. E
29	N	2	N	2	N	3	E	4	E	4	E	2	4	Ci. SE	Cu. E	5	Ci. SE	Cu. ENE
30	N	1	N	2	N	3	E	5	ESE	5	E	2	2	Ci.	Cu.	6	A.-Cu. ENE	Cu. E
31	N	2	N	1	E	4	E	5	E	4	NE	4	5	Ci.	Cu. ESE	6	Ci.	Cu.-N. E
Mean	-------	1.3	-------	1.4	-------	2.7	-------	3.4	-------	3.3	-------	1.9	3.6	-------	-------	5	-------	-------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.84	60.92	61.70	59.14	59.06	60.67	25	22.5	31.7	34.7	28	22.8	35.2	21	76	94	52	35	57	89	------
2	60.08	60.76	61.12	57.94	57.75	59.72	20	17.8	31.1	35.6	30.5	24.1	35.6	17.5	87	96	49	33	38	63	------
3	58.98	59.72	60.66	57.64	57.74	60.20	22	19.6	31.1	35.8	30.8	26	36.4	19.3	77	94	52	32	37	66	------
4	59.72	60.09	61.06	58.78	58.57	60.98	22.5	20.5	29.5	34.4	29.5	25.2	36	20	87	91	58	33	44	67	------
5	60.46	60.54	61.07	58.03	57.95	60.36	23	20.5	30.4	34.9	30.2	24.4	35.4	20.2	79	91	48	32	49	62	------
6	59.58	60.04	60.45	57.67	57.31	59.45	21.8	19.7	31.5	34.7	30.2	24.6	36.1	19.2	79	88	46	33	47	63	------
7	58.68	58.78	59.63	57.43	57.40	59.79	21.4	20.2	32.9	35.3	31.5	27.9	36.4	19.6	87	91	49	43	54	64	------
8	58.97	59.21	60.36	57.78	57.73	60.29	25.8	22.8	30.6	36.8	30	25.9	37.1	22.3	74	89	57	36	53	70	------
9	59.86	59.96	60.57	57.97	58.43	60.68	24.2	22.3	31.9	35.8	30	25.6	36.1	21.8	82	88	53	36	50	71	------
10	59.82	60.09	60.37	57.56	57.47	59.98	22.5	20.2	32	36	31.6	26	36.9	19.8	87	93	50	36	53	72	------
11	59.19	59.72	60.20	57.53	57.60	60.04	24.6	22.7	32.8	35.7	32.5	27.2	36.6	22	79	89	51	40	46	69	------
12	59.34	59.88	60.28	58.24	58.53	60.62	24.8	22.7	32.6	33.2	29.4	26.5	36.5	21.6	81	92	50	51	63	76	------
13	59.84	60.09	60.62	57.98	58.08	59.99	25.6	24.4	32.4	34.4	29.6	27.8	35.8	24	82	87	58	49	67	74	------
14	59.46	60.04	61.11	57.88	58.09	60.42	25.8	24	32	36.4	25	25.7	37	23.4	82	91	61	48	95	92	39.9
15	59.21	59.37	59.84	56.55	57.94	60.21	24	24.2	30.5	34	24.6	24.5	34.8	23.7	97	95	71	58	99	99	17.3
16	58.40	58.86	59.60	56.35	58.15	60.16	23.8	23.8	29	33.9	26	25	34.5	23.4	99	98	76	54	87	96	------
17	59.03	59.38	60.18	57.52	57.69	60.46	24	23.4	31.8	31.9	28.4	26.2	34	22.8	97	98	69	64	75	86	.8
18	59.93	60.22	61.07	58.17	59.61	61.34	23.6	23.3	30.5	31	25.5	24	32.7	22.8	97	97	72	67	95	99	3.3
19	59.86	59.93	60.41	58.16	60.20	60.78	23.5	22.5	30.5	31.5	23.4	23	33.4	22.1	99	99	68	66	98	98	11.7
20	60.02	60.55	61.41	58.37	59.23	60.84	23	23.4	30.7	33.4	28.8	26	33.7	22.4	98	98	64	59	71	84	------
21	59.99	60.47	61.17	58.82	58.84	60.59	24	23.1	30	32.9	29.4	26.6	33.2	22.5	93	97	69	54	68	77	------
22	59.96	60.41	60.65	58.73	58.59	60.08	24	23.1	32	33.6	29.2	26.2	34.1	22.2	91	91	60	50	67	73	------
23	59.13	59.63	60.33	58.17	58.02	58.86	23	22.5	31.6	32.5	27.8	26.6	33.1	22	91	91	52	52	62	74	------
24	58.10	58.53	59.26	57.47	57.82	59.49	24.5	22.6	31.1	32.5	29	25.8	33.8	22.1	87	91	60	49	61	79	------
25	58.56	58.80	59.21	57.45	58.09	59.85	24	22.1	30.5	31.5	28.6	26.3	34.9	21.6	91	96	62	62	65	74	------
26	58.83	59.32	59.87	53.18	58.23	59.67	23.2	21.8	32	33	29	25.4	33.5	21.6	90	95	54	51	62	76	------
27	58.83	59.27	59.77	58.16	58.43	59.53	24	22.6	31.1	32.6	29	26.4	34.6	22.3	91	93	55	52	61	74	------
28	59	59.02	59.78	57.68	57.96	59.61	24.2	22.8	31.1	33.3	29.2	25.5	34.4	22.3	88	93	58	44	57	80	------
29	58.86	59.28	59.32	57.10	57.07	58.87	23.4	22	32.4	32.6	29.4	27	34.4	21.4	92	93	54	52	61	72	------
30	58.14	58.83	58.87	56.19	55.87	58.15	25	24.5	31.7	35.5	30.4	27.4	35.5	23.4	83	85	56	45	58	66	------
Mean	59.36	59.72	60.33	57.82	58.12	60.06	23.7	22.3	31.3	34	28.9	25.7	35.1	21.7	87.4	92.8	57.8	47.2	63.3	76.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	73

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	2	N	1	E	4	E	4	E	4	E	1	5	Ci.	Cu. E	3	A.-Cu.	Cu. E
2	NW	1	NW	1	N	2	NW	2	E	2	E	1	4	Ci.	Cu. E	5	Ci. SE	Cu. E
3	NE	1	NE	1	SE	3	NE	3	SE	4	E	2	5	Ci.	Fr.-S. NE	5	Ci. SW	Cu. E
4	NE	1	NE	1	NE	2	NE	3	E	3	NE	2	4	Ci.	Cu.	5	Ci. SW	Cu. E
5	N	1	N	1	NE	2	NE	2	SE	2	NE	1	5	Ci.	Cu. ENE	7	Ci. SW	Cu. E
6	NE	1	NE	1	NE	3	SE	3	SE	2	NE	2	5	Ci.	Fr.-S.	7	Ci. SW	Cu. E
7	NW	1	NW	2	E	2	E	3	E	3	E	2	3	Ci.	Cu.	5	Ci.	Cu. ESE
8	NE	1	NE	1	NE	2	NE	2	E	4	E	2	6	Ci.	Fr.-Cu. E	5	A.-Cu.	Fr.-Cu. ESE
9	N	1	N	2	N	2	E	5	E	4	E	2	6	Ci.	Cu. NE	3	A.-Cu.	Cu. ESE
10	NE	1	NE	1	NE	3	SE	3	E	2	NE	1	2	Ci.	Cu.	5	A.-Cu.	Cu. SE
11	N	1	N	2	N	2	ENE	3	ESE	2	N	1	5	A.-Cu.	Cu. ENE	5	A.-Cu.	Cu. SE
12	N	1	N	2	N	2	ENE	6	ESE	4	N	2	4	Ci.	Cu. E	6	A.-Cu. E	Cu.-N. NE
13	N	1	NE	1	E	2	E	4	E	4	E	1	5	Ci.	Cu. E	5	A.-Cu. E	Cu.-N. ENE
14	NE	1	N	1	E	3	E	3	S	1	N	2	4	Ci.	Cu.-N. E	7	Ci.	Cu.-N. ESE
15	N	1	N	1	SE	2	SE	2	N	3	N	1	6	Ci.	Cu.-N. ESE	9	Ci.-S.	Cu.-N. S
16	N	1	N	1	N	3	NE	2	N	2	N	2	8	Ci.	Cu.-N. SE	7	Ci.	Cu.-N. ENE
17	N	1	N	1	ESE	3	ESE	4	SE	2	N	3	4	Ci.	Cu.-N. E	10	Ci.-S.	Cu.-N. SSE
18	N	1	N	1	N	2	E	3	E	1	N	1	8	Ci.-S.	Cu.-N. ESE	7	Ci.-S.	Cu.-N.
19	N	1	N	1	NE	3	NE	4	NE	2	N	1	5	Ci. SW	Cu.-N.	9	Ci.-S.	Cu.-N. SE
20	NE	1	NE	2	NE	4	NE	4	E	1	N	1	6	Ci.	Cu. E	5	A.-Cu.	Cu. E
21	N	1	N	2	NE	3	SE	4	SE	4	SE	2	4	Ci.	Cu. E	5	A.-Cu.	Cu. E
22	NE	1	NE	1	S	2	ESE	4	ESE	4	NE	1	5	Ci.	Cu. SE	4	A.-Cu.	Cu. E
23	NE	1	N	2	NE	4	ENE	5	ENE	4	N	2	5	A.-Cu.	Cu. ESE	3	A.-Cu.	Cu. ESE
24	N	1	N	1	E	5	E	5	E	4	N	2	4	Ci.	Cu. E	5	A.-Cu. SE	Cu. E
25	N	1	N	1	NE	2	E	6	E	4	E	2	3	Ci.	Cu. E	8	Ci.	Cu.-N. E
26	N	1	N	1	E	4	ESE	4	ESE	4	ESE	2	1	Ci.	Cu.	4	Ci.	Cu.-N. ESE
27	ESE	1	E	1	E	2	E	4	E	4	E	1	2	Ci.	Cu. E	8	Ci.-S. SE	Cu. E
28	NE	1	E	1	SE	3	SE	5	SE	5	SE	1	8	Ci.	Cu.-N. E	5	Ci.	Cu. ESE
29	NE	1	NE	1	NE	3	ESE	6	ESE	4	NE	2	2	Ci.	Cu. ESE	3	Ci.	Cu. ESE
30	NE	1	NE	2	SE	3	SE	3	NE	3	NE	2	6	Ci.	Cu.-N. ESE	6	Ci.	Cu. E
Mean	------	1	------	1.3	------	2.7	------	3.7	------	3.1	------	1.6	4.7	------	------	5.7	------	------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.34	57.89	58.42	56.52	56.37	58.67	25	25.7	32.4	36	30.5	28.5	36	24.4	88	77	52	39	55	70	------
2	57.60	58.16	58.46	56.95	57.16	59.44	26.8	23.5	32.2	34.4	29.9	26.7	34.4	23.2	77	91	54	44	59	71	------
3	59.01	59.05	59.78	57.95	57.84	60.49	24.7	22.6	32	35.6	29.5	27.7	35.9	22.2	83	93	55	48.	65	69	------
4	58.87	58.65	59.42	56.95	56.93	58.69	25.6	23.5	33.4	35.8	30	27.6	36.5	23.2	79	92	53	44	61	71	------
5	57.87	57.83	58.47	55.72	56.27	58.54	25	23.4	33.4	35.4	29.4	26.5	35.6	22.9	88	97	53	45	64	76	------
6	56.51	56.42	57.92	56.37	56.46	57.52	25.7	24.7	28.5	28	25	24.6	31.2	23.8	80	87	70	78	93	95	13
7	55.92	56.08	57.06	55.90	56.20	57.91	24.4	24.2	27.3	27.6	26.4	25.4	28.7	23.8	97	97	88	84	86	95	2.3
8	56.11	55.95	56.87	55.95	56.31	57.33	24.2	23.5	30.2	26.5	25.5	24.5	31.4	22.8	97	97	73	93	93	97	16
9	55.73	55.86	56.76	55.85	56.46	57.55	24.2	24.5	26.5	26	25	24.5	27.1	24	98	97	93	97	98	98	12.5
10	56.41	56.90	57.92	56.06	56.94	58.51	24.6	24.5	28.2	29.3	27.6	25.6	31.9	24	98	99	89	86	95	98	3.6
11	57.71	58.41	59.24	57.40	58.21	59.80	25.2	24.9	29.7	32.5	28.2	25.6	32.8	24	98	99	80	69	80	96	------
12	59.14	59.55	59.98	58.05	58.32	60.27	24.6	24.1	31.9	34.5	30.4	25.8	34.7	23.5	98	99	68	56	69	88	------
13	59.10	59.33	59.81	57.39	57.41	58.91	24.4	23	32	34.7	81.5	29.2	35.1	22.5	97	98	67	56	70	76	------
14	57.71	58.34	59.18	56.77	56.87	58.53	26.1	24.2	31.1	34.9	31.6	28.3	35.2	23.7	91	98	73	57	70	80	------
15	57.21	58.46	59.77	56.95	57.21	59.59	25.6	24.5	31.7	34.4	31.5	28	35.9	24.2	95	97	69	55	65	80	------
16	58.59	59.14	59.77	57.77	58.99	61.37	25.5	24.4	31.8	35.6	24	24.1	35.7	22.9	93	97	64	52	97	99	16.8
17	59.87	60.32	60.41	57.99	59.17	61.24	23.4	23.1	30.4	33.7	27.5	24.6	34.9	22.5	99	99	78	63	73	91	------
18	60.27	60.13	60.60	58.20	58.79	61.25	23.8	23.2	31.6	33.4	26	25.2	35.4	22.8	95	98	66	62	92	92	------
19	59.90	60.18	60.67	58.48	58.45	59.90	24	23.5	32.2	34.4	31.8	26.6	35	22.8	93	96	65	51	59	78	------
20	59.34	59.61	60.47	58.27	58.87	60.31	23.7	23.3	32.3	35	28.9	25	35	23	94	96	64	52	73	88	------
21	59.16	59.07	59.80	58.44	58.47	59.72	23	23.7	31.7	34.5	30.4	26	34.6	22.6	95	96	62	52	60	75	------
22	58.87	59.32	59.50	57.78	57.98	59.29	25.4	22	32	86	30.1	26.5	36	21.4	80	96	54	47	62	76	.3
23	58.57	58.50	58.94	56.86	57.06	58.64	24.6	23.5	30	34	29.6	25.5	34.5	23.3	95	98	73	56	67	88	------
24	57.85	57.67	58.68	56.33	56.57	58.72	24.4	23.2	31.5	34.6	31.5	26.6	36	22.8	91	95	64	52	60	87	------
25	58.09	58.93	59.61	57.61	58.01	59.85	24.8	23.8	32.7	28.1	28	26	34.9	23.3	92	95	60	92	77	88	2.3
26	59.14	59.41	59.78	57.60	58.99	61.07	24.4	23.5	32.2	35.4	25.8	24.7	35.5	23	97	98	63	51	87	94	5.1
27	59.71	60.01	60.18	57.91	59.26	60.47	23.5	23.6	29.2	31	24	23.5	33.6	22.7	97	97	78	68	98	98	12
28	58.87	58.78	59.17	56.82	57.31	59.26	22.8	22.6	30.5	32	28.6	26	34	22.3	98	99	70	58	78	89	------
29	58.31	58.31	58.73	56.98	57.40	59.25	24.6	23.5	32.1	34.7	29.5	26.5	34.8	23	97	97	61	56	75	82	------
30	58.96	59.68	59.66	58.14	58.17	60.29	24.8	23	32.6	35	30.3	26.8	35	22.5	93	97	54	46	57	77	------
31	59.60	59.93	60.34	58.29	57.92	59.73	23.6	22.5	32	33.7	30.4	27.5	34.7	22.1	95	96	61	50	63	77	1
Mean	58.30	58.58	59.21	57.23	57.62	59.42	24.6	23.7	31.1	33.1	28.7	26.1	34.3	23.1	92.5	95.7	66.9	60	74.2	85.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	84.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	E	1	SE	3	NE	4	E	4	NE	3	6	Ci.	Cu. E	4	Ci.	Cu. E
2	NE	1	NE	1	NE	4	SE	5	SE	3	NE	1	3	Ci.	Cu. E	5	A.-Cu.	Cu. E
3	N	1	N	1	NE	3	NE	3	NE	2	NE	2	4	Ci.	Cu.	6	Ci.	Cu. E
4	N	1	N	1	NE	2	NE	3	SE	4	NE	2	4	A.-Cu. SE	Cu. E	4	A.-Cu.	Cu. E
5	N	1	N	2	NE	2	ESE	4	ESE	5	NW	2	3	Ci.	Cu. E	5	Ci. SE	Cu. NE
6	NW	1	NW	2	N	3	NE	4	NE	2	NE	4	8	Ci.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
7	NE	4	NE	3	NE	4	E	3	E	3	E	1	10	Ci.-S.	N. SE	10	Ci.-S.	Cu.-N. SE
8	E	1	E	1	SE	2	S	4	S	3	S	2	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SSW
9	S	1	S	2	S	5	SSW	3	SSW	4	SSW	3	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SW
10	SSW	2	SSW	2	SSW	2	SW	3	SW	4	SW	2	10	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. WSW
11	SW	2	SW	2	SW	4	SW	4	S	2	S	2	7	Ci.	Cu. SW	6	Ci.	Cu.-N. SW
12	S	1	SSW	2	SSW	3	SSW	4	SSW	2	SSW	2	4	Ci.	Cu. SW	5	A.-Cu.	Cu. SW
13	SW	1	SSW	2	SSW	2	SSW	3	SW	2	SW	2	2	Ci.	Cu. SW	5	A.-Cu.	Cu. SW
14	NW	1	NW	2	NW	3	NW	2	SSW	3	SW	1	2	Ci.	Cu.	5	A.-Cu.	Cu. WSW
15	S	1	S	2	S	2	SW	2	SW	3	SW	2	4	Ci.	Cu.	5	A.-Cu.	Cu. SW
16	SW	1	SW	1	SW	2	SW	2	SW	2	SW	1	2	Ci.	Cu.	5	A.-Cu.	Cu.-N. SW
17	W	1	W	2	N	2	N	3	N	2	NW	1	5	Ci.	Cu. W	5	Ci.	Cu.-N. NE
18	NW	1	NW	2	ENE	3	ENE	3	S	4	S	2	2	Ci.	Cu.	6	Ci.	Cu.-N. ESE
19	NE	1	NE	1	E	2	E	2	E	2	NNE	2	1	Ci.	Cu.	5	A.-Cu.	Cu. ESE
20	NNE	1	NNE	1	NNE	2	SE	3	SE	1	NNE	1	1	Ci.	Cu.	5	A.-Cu. SE	Cu.-N. E
21	ESE	1	ESE	1	ESE	8	ESE	4	SE	2	NE	2	8	Ci.	Cu. E	5	A.-Cu.	Cu. E
22	NE	1	N	1	E	3	E	4	E	5	E	2	1	Ci. ENE	Cu. E	3	Ci.	Cu. E
23	N	1	N	2	E	2	S	5	ESE	3	N	2	7	Ci.	Cu.-N. E	6	Ci.-S.	Cu.-N. E
24	N	1	N	1	NE	4	SE	2	NE	2	N	2	3	Ci.-Cu.	Cu. E	5	Ci. NE	Cu.-N. E
25	NW	1	NE	1	E	2	E	2	SE	1	E	1	7	Ci.	Cu. E	5	Ci.	Cu.-N. E
26	N	1	N	1	NE	3	E	3	SE	4	N	2	4	Ci.	Cu.-N. E	4	A.-Cu.	Cu.-N. E
27	N	2	N	1	N	2	SE	3	N	2	N	2	6	A.-Cu. ESE	Cu. E	9	Ci.-S.	Cu.-N. ESE
28	N	1	N	1	E	3	SE	3	SE	2	SE	1	4	Ci.	Cu. N	5	Ci.	Cu.-N. SE
29	N	1	N	2	E	3	E	4	E	2	E	2	1	Ci.	Cu. E	5	Ci.	Cu. SE
30	N	1	N	2	E	4	E	4	E	4	E	2	1	Ci.	Cu. E	2	A.-Cu.	Cu. E
31	N	1	N	2	E	3	E	5	E	5	E	2	4	Ci. NE	Cu. E	5	Ci. NE	Cu. E
Mean	------	1.2	------	1.5	------	2.8	------	3.3	------	2.9	------	1.9	4.6	------	------	5.7	------	------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.21	59.18	59.75	57.63	57.30	59.18	25.2	23.3	33	34.7	30.1	25.5	35.1	23	90	97	56	44	59	84	------
2	58.76	58.73	58.87	57.18	57.11	59.17	23.6	22.3	33	36	32.2	28.5	36.4	21.9	95	96	57	44	53	64	------
3	58.29	58.23	58.85	56.21	56	57.78	26	24	34	36	33.5	29	37.2	23.6	79	93	56	46	57	71	------
4	57.23	57.38	58	55.52	57.25	58.94	27	25.7	33.5	35.1	24.6	24.8	36.6	23.7	83	91	58	49	91	98	6.3
5	57.35	57.38	57.37	54.82	55.38	58.04	24.2	23.7	31.8	35.4	29.8	26.2	35.9	23.4	98	99	67	52	69	82	2.5
6	57.34	57.50	58.32	57.15	57.42	58.21	24.8	24.1	29	26.4	25	23.7	34.1	23.5	93	99	81	85	95	99	1.3
7	57.78	58.31	58.33	56.50	56.69	58.19	23.6	23.2	32.5	34.1	29.8	27.3	34.7	22.6	98	98	63	55	60	75	------
8	58.02	58.03	58.79	56.97	57.10	59.17	24.5	23.6	33	30	30.5	25.8	35	23.3	92	96	57	81	68	87	.8
9	58.56	58.96	58.88	56.76	57.78	59.83	24.8	23.7	32.9	32.6	27.2	25.3	36.6	23.2	93	98	59	63	87	93	6.6
10	59.09	59.07	58.93	57.21	58.08	60.27	24.8	24.2	31.4	33.9	28.8	25.5	34	23.7	97	98	70	59	76	88	------
11	59.36	59.40	59.61	57.19	57.17	59.19	24.7	23.6	30.9	34.5	31.3	28.6	34.7	23.4	92	98	70	54	64	73	------
12	58.31	59.35	58.76	56.94	57.03	59.24	26	24.5	33.2	35	28.5	25.8	35.1	24.1	92	96	56	52	85	90	1.3
13	58.71	59.05	58.99	56.99	57.66	59.65	25.1	24.5	31.5	35.5	28.9	25.8	35.5	23.9	95	96	65	50	80	89	1
14	58.76	58.58	58.35	56.68	57.67	60.15	24.8	23.8	34	36	26.6	24.4	36.6	22.7	93	98	56	48	94	97	22.1
15	59.10	58.89	58.73	57.21	57.15	59.65	23.8	24	29.1	27.5	28	26	32.5	23.5	99	99	85	91	86	96	1.8
16	58.24	58.17	58.63	56.49	56.45	59.12	25.5	24.6	31.4	34.4	31	25.5	34.5	24.3	98	99	73	60	70	84	------
17	58.63	58.36	58.82	57.04	56.90	60.19	25.5	24.6	32.2	35	29.6	26	35.3	24	88	97	68	58	78	87	25.9
18	59.40	59.63	60	58.26	58.15	61.19	23.8	23.7	28.9	33	31	24.4	34	22.4	99	99	79	70	72	97	16
19	60.31	61.13	61.22	59.32	59.85	61.04	23.6	23.5	31	31.8	30.5	23.6	33.5	22.8	98	99	77	67	74	97	10.4
20	60.58	60.85	60.78	58.49	58.86	60.50	23.2	23	30.8	33.7	29.3	25.5	35	22.8	98	99	77	59	73	96	------
21	59.29	59.42	60	57.69	58	59.64	24.3	24.2	32	34.9	29	27.3	35.2	23.5	97	98	69	61	80	91	------
22	58.91	58.89	59.56	57.89	58.59	60.17	25.8	24.4	32	34.6	24.6	25	35	24	93	98	69	61	96	96	24.6
23	59.66	59.98	59.99	58.08	58.63	60.13	24.4	24.2	32.1	34.6	24.5	23.7	34.6	23.3	98	98	71	58	96	99	3.6
24	59.38	59.92	60.07	57.73	59.33	60.84	22.8	23	30.8	34.2	25.8	23.9	34.4	22.4	98	99	76	57	85	98	1.3
25	59.62	59.82	60.58	59.63	59	60.49	23.4	23	29.2	30.4	28	25	33.2	22.4	98	99	81	73	84	90	------
26	59.96	59.90	60.51	58.11	58.35	60.24	24	22.9	30.6	33.5	30	26.6	34	22.7	95	99	72	56	66	80	------
27	59.29	59.37	59.52	58.07	58.41	60.46	24.8	23.8	29	31.8	29.6	23	32.4	22.6	93	98	81	70	77	99	9.7
28	59.83	60.24	60.94	58.37	60.28	62.49	22.6	22.4	28.6	32.7	23.4	23.1	33.1	22	99	99	83	66	99	99	40.3
29	60.56	60.38	61.12	59.01	59.38	60.94	22.6	22.5	28.2	32	28	25.5	32.5	22.2	99	99	88	66	86	96	------
30	59.39	59.32	59.84	57.01	57.66	59.83	24.7	23.5	30.6	33.4	30.6	26.4	33.8	23.2	97	99	74	61	65	86	------
Mean	58.96	59.11	59.40	57.40	57.82	59.80	24.5	23.7	31.3	33.4	28.7	25.6	34.7	23.1	94.6	97.7	69.8	60.5	77.5	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	175.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	E	4	E	5	E	5	N	2	2	Ci.	Cu.	3	A.-Cu.	Cu. E
2	N	2	N	2	E	3	E	4	E	3	E	2	1	Ci.	Cu.	4	A.-Cu.	Cu. E
3	N	1	N	1	N	2	E	2	SE	2	N	2	3	Ci.	Cu.	6	Ci.	Cu. SE
4	N	1	N	1	ESE	2	NE	2	N	3	N	1	8	Ci. SE	Cu. E	6	A.-Cu.	Cu.-N. SE
5	SSW	1	NE	1	SSE	2	SSW	3	SSW	2	SE	1	5	Ci. ENE	Cu.-N.	6	A.-Cu.	Cu. S
6	SSW	1	SSW	1	SSW	2	SE	4	N	3	N	1	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. S
7	NE	1	E	1	SE	2	SE	3	SE	3	NE	2	6	Ci.-S.	S.-Cu. S	7	Ci.-S. SE	Cu.-N. S
8	NE	1	NE	1	SE	3	SE	2	NE	2	NE	2	5	Ci.	Cu.-N.	7	Ci.	Cu.-N. SE
9	NE	1	NE	1	NE	3	NE	4	NE	2	NE	2	4	A.-Cu. E	Cu.	7	Ci.	Cu.-N. SE
10	NE	1	NE	1	NE	2	SE	4	SE	2	NE	1	8	Ci.-S.	Cu.-N. SE	6	Ci.-S.	Cu.-N. SSE
11	NE	1	E	1	SE	2	SE	3	SE	3	SE	1	7	Ci.-S.	Cu.-N.	6	Ci. NE	Cu. SE
12	E	1	E	1	ESE	3	SE	2	E	2	E	2	7	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. SE
13	E	1	SE	1	SE	2	S	4	S	2	SE	2	8	Ci.	S.-Cu. S	6	Ci.	Cu. SSE
14	E	1	E	1	E	3	SSE	4	SSE	2	SSE	5	2	Ci.	Cu.	5	Ci.	Cu.-N. SSE
15	ENE	1	ENE	1	ENE	1	S	2	S	1	E	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. S
16	N	1	N	1	SE	3	SW	2	S	1	S	4	7	Ci.-S.	Cu.-N.	4	Ci.	Cu. SSW
17	S	1	S	1	S	2	S	3	S	4	SE	2	2	Ci.	Cu.	5	Ci.	Cu. SW
18	NE	1	NE	1	S	2	SW	2	SE	4	N	2	10	Ci.-S.	Cu.-N.	6	Ci.	Cu. SE
19	N	2	N	2	NE	2	SE	2	SE	4	SE	1	2	Ci.	Cu.-N.	5	Ci.-S.	Cu.-N. SE
20	NE	1	NE	1	WSW	2	SW	2	SW	2	SW	1	2	Ci.	Cu.-N.	3	Ci.	Cu.-N. SW
21	N	2	NW	1	ESE	2	SW	3	SW	2	SW	1	4	Ci.	Cu.	5	Ci.	Cu. SW
22	SW	1	SW	1	SW	2	SW	3	SW	2	NW	2	3	Ci.	Cu.	5	A.-Cu.	Cu. SW
23	N	1	N	1	WSW	2	SW	2	N	2	N	2	3	Ci.	Cu.	7	Ci.	Cu.-N. SW
24	N	1	N	1	WSW	2	SW	2	N	3	N	2	2	Ci.	Cu.	4	Ci.	Cu.-N. SSW
25	N	1	N	2	N	2	ENE	3	N	1	N	2	5	Ci.	Cu.	10	Ci.-S.	Cu.-N. ESE
26	N	1	N	1	NE	2	SE	2	SE	2	N	1	6	Ci.	Cu.	6	Ci.-S. E	Cu. E
27	NE	1	ENE	1	NE	2	NE	2	SE	2	SE	1	5	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. E
28	N	1	N	1	SE	2	S	2	NW	2	N	2	6	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu.-N. SSW
29	NW	1	NW	1	E	1	SSW	3	NW	2	NW	1	6	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. SSW
30	NW	2	NW	1	N	1	N	3	WSW	2	N	2	4	Ci.	Cu.-N.	5	Ci.	Cu.-N. W
Mean	------	1.1	------	1.1	------	2.2	------	2.8	------	2.4	------	1.8	5.1	------	------	6.1	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.62	58.71	59.06	57.09	57.84	59.88	24.2	23.5	31.5	33	29.5	25.3	33.9	23.2	98	99	73	67	78	98	------
2	59	59.42	60.58	59.06	58.72	59.96	24.4	23.6	27.2	31.9	29.6	25.3	33.4	23	98	99	87	65	74	93	------
3	59.20	60.17	60.37	58.11	58.27	60.16	24.2	23	30.7	34.4	30.7	25.4	34.8	22.7	98	98	72	57	72	92	------
4	59.60	59.08	59.68	58.04	57.65	59.27	23.6	33.1	32.4	31.5	30	26.8	32.4	22.6	98	99	65	66	71	86	0.3
5	58.21	58.74	59.22	57.16	57.22	58.11	25.4	24.2	30.6	34.2	30.8	25.2	34.2	24	95	97	76	57	63	90	.5
6	57.54	58.36	58.69	57.56	57.22	59.06	24.5	24	30.4	32.6	29.5	25.5	33.3	23.4	94	97	69	62	71	92	1.8
7	58.30	58.08	58.04	56.86	57.23	59.44	24	23	31.9	32.5	29.5	26.6	32.5	22.5	95	98	66	62	68	90	------
8	58.57	58.41	58.08	56.58	56.57	58.85	25.2	24	31.8	34.4	31.4	25.2	34.4	23.5	92	98	71	56	66	96	1.1
9	57.79	58.31	58.43	55.98	56.61	58.26	24.2	24.5	31.1	33	26.2	23.2	34	21.7	97	96	71	63	98	98	31.2
10	57.45	57.93	58.20	56.16	56.22	58.19	23.2	24.3	30.6	31.4	28	25.6	31.4	22.8	98	99	77	71	80	93	------
11	56.99	57.51	57.81	55.79	56.78	59.04	24.6	24.5	30.6	33	26	25.2	33.1	24.2	95	97	72	61	94	98	27.7
12	58.02	58.42	58.83	57.55	58.10	60.04	24.5	24.3	29.5	32.8	25.6	24.6	32.8	23.9	98	99	78	72	97	98	2.5
13	58.41	58.63	58.79	57.52	57.81	58.79	23.6	23.5	29.4	29.6	26.5	24.7	32.5	23.3	98	99	78	72	87	98	.5
14	56.86	56.92	57.03	54.79	54.77	55.35	23.5	23.5	29.7	33	25.6	25.2	33.3	23.2	99	99	82	62	97	98	1.3
15	54.16	53.72	53.40	51.56	51.84	53.12	24.8	24.5	27.7	30.2	24.5	23.4	31.5	23.3	98	99	90	80	99	99	52.4
16	52.16	52.13	52.76	51.04	52.12	53.84	23.5	24	28.5	30.5	24.1	24.4	31.2	23	99	99	84	80	99	97	23.4
17	53.04	53.56	54.67	53.53	53.66	55.31	24.5	24.4	26.7	29.4	27	25	30.4	24.1	97	97	90	76	84	92	.8
18	54.62	54.53	55.36	54.17	53.79	56.20	24	24	28.7	29	28	25.3	30.6	23.6	97	98	81	79	85	93	1.8
19	55.11	54.56	55.24	53.76	54.51	56.40	24.6	24.4	27.4	30.4	26.6	25.4	30.6	23.9	97	98	89	82	95	97	12.1
20	55.93	55.98	57.45	56.49	56.42	57.66	24.5	24.3	24.5	25	24.6	23.6	25.5	23.6	98	99	99	97	98	99	24.2
21	56.48	55.72	57.11	56.21	56.07	56.90	23.5	23.5	24.4	27.6	25.6	24	28.6	23.3	99	99	97	84	93	97	4.1
22	55.78	55.64	56.16	54.20	54.21	55.27	23	23.6	27.5	26.4	25.3	24.4	29.5	22.9	97	97	84	94	98	97	7.1
23	54.26	53.95	53.88	52.08	52.45	54.07	23.6	24	28.7	29.5	26.3	24.5	29.6	23.3	98	99	76	78	95	96	------
24	52.77	53.21	53.81	53.25	53.22	55.14	24.2	24.6	28	27.7	26.3	25	28.9	23.8	97	97	82	88	90	97	7.7
25	54.38	54.93	55.65	55.14	55.03	57.34	24	24.5	28.2	27	26	25.3	28.5	23.8	98	99	88	87	92	93	10.3
26	56.81	57.07	57.33	56.43	56.83	58.44	24	23	27.4	30	28.5	25.7	30.6	22.8	98	99	89	75	81	91	------
27	57.10	57.08	57.37	55.93	56.54	56.83	24	24.4	30	28.4	24.4	24	30.6	23.5	97	98	75	80	98	99	10.7
28	55.08	54.60	55.01	52.99	52.23	52.14	23.5	23.6	25.9	27	24.5	23.9	27.9	23.1	99	99	93	89	99	98	19.5
29	50.17	49.75	49.67	48.26	50.02	51.55	23.6	23.7	24.3	24.5	24.4?	24.2	24.9	22.7	98	99	97	99	99	99	57.8
30	51.30	52.85	54.37	53.46	54.06	55.72	23.2	23.1	24.6	28.6	26.9	25	28.6	22.5	98	99	97	83	88	99	7.4
31	55.03	55.69	56.96	55.86	55.91	57.36	24.6	24.8	24.4	27	25.6	25	27.9	23.8	98	98	98	87	99	99	18.5
Mean	56.09	56.25	56.74	55.25	55.48	57.02	24.1	23.9	28.5	30.2	27	24.9	31	23.3	97.3	98.3	82.1	75.2	87.4	95.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	324.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	SW	3	SSW	3	SW	2	N	1	3	Ci.	Cu.	4	Ci.	Cu. S
2	NE	2	N	1	N	1	ESE	2	ESE	2	ESE	1	8	Ci.-S.	Cu.-N.	8	Ci.-S. E	Cu.-N. SE
3	N	1	N	2	N	2	N	3	ESE	1	N	1	3	Ci.	Cu.-N. NE	5	Ci. E	Cu. ENE
4	N	1	N	2	ESE	1	ESE	2	ESE	2	N	1	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. ESE
5	NE	1	ESE	1	ESE	1	ESE	3	ESE	2	ENE	1	5	Ci.	Cu.-N. ESE	4	Ci. ENE	Cu. E
6	SE	1	SE	1	ESE	2	ESE	3	SE	2	NE	1	6	Ci.	Cu.-N. ESE	5	Ci.	Cu.-N. E
7	N	1	NW	2	ESE	2	ESE	5	ESE	2	NE	1	8	Ci.	Cu. NW	7	Ci.-S.	Cu.-N. ESE
8	NE	1	ENE	1	S	2	S	4	SSW	2	NE	1	4	Ci.	Cu. E	6	Ci.	Cu. S
9	S	2	S	2	SSW	3	SSW	2	NW	2	S	1	8	Ci.-S.	Cu.-N. WSW	7	Ci.	Cu.-N. WSW
10	NE	1	ENE	2	S	4	S	4	S	3	S	3	6	Ci.	Cu.-N. SE	5	Ci.	Cu.-N. SW
11	S	1	S	2	SW	2	S	2	S	2	S	2	6	Ci.	Cu.-N. SE	8	Ci.-S.	Cu.-N. SE
12	S	1	S	2	S	2	SW	4	E	2	NE	2	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. SW
13	NE	2	NE	2	NE	2	NE	3	NE	2	NW	2	8	Ci.-S.	S. E	9	Ci.-S.	Cu.-N. E
14	NNW	2	N	2	N	2	NW	2	N	3	N	1	10	Ci.-S.	Cu. N	7	Ci.-S. ESE	Cu. NW
15	N	1	N	1	NW	2	NNW	2	N	1	N	1	10	Ci.-S.	N. NNE	10	Ci.-S.	Cu.-N. N
16	N	1	N	1	WSW	1	SW	4	SW	1	SW	3	10	Ci.-S.	N. N	8	Ci.-S.	N. WSW
17	SW	1	SW	2	SSW	2	SSW	3	SSW	4	SSW	4	10	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. SW
18	SSW	2	S	2	SW	2	SW	4	SW	4	SW	2	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Cu.-N. WSW
19	SW	2	SW	2	SW	4	SW	2	SW	3	SW	3	10	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
20	SW	2	SW	2	SW	2	S	2	S	2	S	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. S
21	S	2	SSW	3	S	4	S	2	S	1	S	3	8	Ci.-S.	Cu.-N. S	8	Ci.-S.	N. S
22	S	1	S	1	SSW	2	SSW	4	SSW	2	SW	2	7	A.-Cu.	S.-Cu. W	10	Ci.-S.	N. SW
23	SW	2	SW	1	SSW	4	SSW	5	SSW	5	SSW	1	4	A.-Cu.	Cu. WSW	6	Ci.	Cu. SW
24	SSW	2	SSW	4	SSW	4	SSW	4	SSW	5	SSW	4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
25	S	4	S	4	S	5	SSW	5	SSW	4	SSW	4	10	Ci.-S.	N. S	10	Ci.-S.	N. SW
26	SSW	4	S	2	S	2	SSW	5	SSW	5	SSW	2	10	Ci.-S.	N. SSW	9	A.-Cu. NW	Cu.-N. SW
27	S	2	S	1	S	2	S	5	S	2	NW	1	7	Ci.	Cu. SW	9	Ci.-S.	Cu.-N. SW
28	WNW	1	WNW	1	WSW	1	SW	2	W	1	WSW	2	10	Ci.-S.	N. W	10	Ci.-S.	N. WSW
29	WSW	3	SW	4	SSW	5	SSW	6	SSW	2	SSW	4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
30	SSW	5	SSW	4	S	2	S	6	S	6	S	5	10	Ci.-S.	N. SW	6	Ci.	Cu. SW
31	S	4	S	4	S	4	S	2	S	1	S	2	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SSW
Mean	-------	1.8	-------	2	-------	2.5	-------	3.4	-------	2.5	-------	2.1	7.7	------------	------------	7.8	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.20	56.42	56.58	55.28	56.31	57.56	24.8	25	28.5	25.3	25.5	24.5	30	24	99	99	90	98	99	99	13.2
2	56.12	57.18	57.94	56.77	56.89	58.21	24.8	24.5	27.5	29.2	25.6	24.2	29.2	23.6	99	99	84	80	92	95	------
3	57.52	57.70	58.02	57.19	57.27	57.81	23.5	23.6	29.4	29.7	25	23.7	30.2	23	99	99	79	80	92	98	.8
4	57.03	57.37	58.01	56.79	56.79	56.92	23.5	23.7	27.6	27.5	25	24.4	29.9	23.1	99	98	84	88	97	98	14.5
5	56.32	56.31	56.80	55.14	55.33	56.81	23.5	23.5	29	30.9	27.2	25.1	30.9	22.8	97	98	81	72	86	95	------
6	55.88	55.93	56.54	54.94	55.98	57.66	24.8	24.5	30	27.4	24.2	24	30.4	23.9	97	96	78	92	97	98	12.2
7	56.03	56.26	57.29	55.89	56.01	57.54	24	23.7	26.9	29.4	27.2	25.1	29.4	23.2	98	98	88	79	90	99	28.2
8	57.92	57.17	57.74	56.75	57.07	58.82	23	23.1	26.8	26.4	24.7	24.5	27.7	22.3	99	99	89	96	98	98	11
9	57.43	57.42	58.19	57.11	56.93	58.24	24.6	23.8	29.6	30.4	28	25.5	30.5	23.5	99	99	79	78	85	93	2.3
10	57.19	57.36	57.99	56.51	56.69	57.89	25	24.7	29.5	30.6	27.5	24.6	31.6	24.4	98	98	79	71	91	98	4.3
11	56.76	56.67	57.59	55.54	56.68	57.98	25	25.2	28.7	30.6	23.7	23.8	30.6	23.3	98	99	84	74	98	99	21.1
12	56.30	56.56	57.38	56.23	56.69	58.48	23.6	23.5	28.5	26	25.4	23.5	29.9	23.2	99	99	78	90	98	99	25.7
13	57.06	56.94	57.94	56.07	56.09	57.82	22.7	23	27.5	30.7	27.8	25	31.4	22.4	99	99	84	72	83	96	.8
14	56.90	56.83	57.82	56.05	55.85	56.21	25	24.1	29	29.6	25.2	24.5	30	23.9	97	99	83	78	98	98	6.1
15	56.02	55.08	55.05	52.69	51.89	53.10	24.5	24	27.8	31.2	28	25.8	31.6	23.7	97	99	84	75	85	93	3.3
16	51.52	50.54	52.62	53.68	54.99	57.42	24	24.5	25	25.7	24.1	24.5	26.5	23.6	97	98	97	86	96	93	5.8
17	57.26	57.72	59.56	58.87	58.95	60.04	23.6	23.3	28.2	27.2	27.5	24.8	31.4	22.9	98	99	80	94	91	97	3.9
18	59.43	59.68	60.52	58.25	58.33	59.58	24.2	23.4	29.6	33.6	28.7	25.5	34.1	23.3	98	99	74	61	83	99	4.1
19	58.47	57.85	57.85	55.61	56.48	57.92	25	24.5	29.4	32.4	23.5	23.5	33.9	23	98	99	79	68	99	99	73.6
20	56.58	56.46	56.87	55.95	56.29	57.36	23.5	23.6	28.7	29.5	26.7	24.4	29.7	22.9	98	99	85	79	88	97	1.4
21	56.73	56.65	57.35	56.01	56.41	57.80	24.2	24.3	27.7	30.4	25.6	24.7	30.9	23.6	98	99	84	75	88	96	------
22	56.71	56.53	57.18	55.57	56.17	57.29	24.4	24.3	30.4	31.4	26.8	25	31.4	23.9	97	97	74	73	89	93	------
23	56.74	56.21	57.30	55.81	56.18	57.74	24.6	24.5	28.8	25.5	26	24.8	30.5	24.2	97	97	78	98	89	93	18.1
24	57.16	57.01	57.95	55.98	57.31	58.96	23.7	23.2	28.6	31	26.6	25.2	31.2	22.7	97	98	85	69	89	95	1.1
25	58.01	58.26	59.40	57.95	58.99	59.90	24	24.2	26.8	27.8	25.2	24.2	28.8	23.6	97	97	89	86	93	98	.3
26	58.46	58.13	58.37	55.84	55.56	56.62	23.7	23.7	28.5	30	26	24.5	30	23.3	98	98	83	75	88	92	.5
27	55.02	54.33	55.01	52.86	53.07	54.61	24.2	24.3	29.2	29.6	25.8	24.7	30.6	23.6	97	96	76	81	97	98	8.6
28	53.79	53.85	54.88	53.69	54.31	56.36	24.2	23.5	28.8	26.9	25.4	25	29.6	23.1	98	99	83	93	93	96	10.5
29	55.96	56.72	57.84	56.59	56.69	58.84	24.4	23.8	29.5	29.2	27.4	24.8	31.2	23.4	97	97	78	76	81	95	------
30	57.92	58.48	58.94	57.24	57.65	59.45	24.6	23.7	29.6	28.4	27.4	26	31.4	23	95	97	74	80	79	89	------
31	58.04	58.31	58.88	56.42	56.95	58.70	24.5	23.5	28.5	32.2	23	22.8	32.7	22.5	97	99	78	66	99	99	70.9
Mean	56.73	56.71	57.46	55.98	56.35	57.73	24.2	23.9	28.5	29.2	26	24.6	30.6	23.3	97.8	98.3	82	80.1	91.3	96.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	342.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	2	S	2	S	2	SW	1	SSW	2	S	2	10	Ci.-S.	N. SSW	10	Ci.-S.	Cu.-N. SW
2	SW	2	S	2	S	5	S	5	S	4	S	1	10	Ci.-S.	N. S	7	Ci.-S.	Cu. SW
3	S	1	S	1	SW	2	SW	3	SW	1	SW	1	7	A.-Cu. WSW	Cu. S	9	Ci.-S.	Cu.-N. WSW
4	SW	1	SW	1	N	3	SW	2	SW	1	SW	1	8	Ci.-S.	Cu.-N. WSW	9	Ci.-S.	Cu.-N. WSW
5	SW	1	SW	1	SSW	3	SW	3	SW	1	SW	1	7	Ci.-S.	Cu. WSW	7	Ci.	Cu.-N. WSW
6	SW	1	SW	2	SSW	4	SW	2	SW	4	SW	4	8	Ci.-S.	S.-Cu. WSW	9	Ci.-S.	Cu.-N. SW
7	SSW	2	SSW	2	SSW	3	SSW	4	SSW	4	SSW	2	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. SW
8	SW	3	N	2	SW	1	SW	1	SW	1	SW	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. SW
9	SSW	1	SSW	1	S	4	SSW	5	SSW	1	SW	2	4	Ci.	Cu. S	7	A.-Cu.	Cu. SW
10	SW	1	SW	1	SW	2	SW	2	SW	1	SW	1	7	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu.-N. WSW
11	SSW	1	S	1	S	2	SW	2	SW	3	N	2	10	Ci.-S.	N. WSW	7	A.-Cu.	Cu.-N. WSW
12	SW	1	SW	1	SW	1	WSW	4	SW	1	SW	1	6	Ci.	S.-Cu. SW	10	Ci.-S.	Cu.-N. WSW
13	SSW	1	SSW	1	SSW	1	SSW	1	SW	2	SSW	1	6	Ci.	S.-Cu. SW	6	Ci.	Cu. SW
14	SW	1	SW	1	SW	2	SSW	2	SW	1	WNW	1	9	Ci.-S.	Cu.-N. SW	10	A.-S.	Cu.-N. WSW
15	WNW	1	WNW	1	WNW	2	W	4	WSW	3	WSW	1	10	Ci.-S.	S.-Cu. NW	9	Ci.-S.	Cu.-N. WNW
16	WSW	2	SW	4	SW	4	SW	4	SSW	4	SSW	3	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
17	SSW	1	SSW	1	S	1	S	1	S	1	NW	1	8	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. S
18	NW	1	NW	1	WNW	2	SW	1	WSW	1	NW	1	5	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N.
19	SW	1	WSW	1	NW	2	N	2	NW	5	NW	1	3	Ci.	S.-Cu. WNW	5	Ci. SE	Cu. NNE
20	N	1	N	1	SSE	2	ESE	2	SSE	1	N	2	9	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N. SSE
21	NE	1	ENE	1	ESE	2	S	5	S	3	NE	1	7	Ci.-S.	S.-Cu. ESE	8	Ci.	Cu.-N. SE
22	ESE	1	ESE	1	S	2	SSW	4	S	3	S	3	5	Ci.	S.-Cu. S	7	Ci.	Cu. SW
23	SE	1	SE	1	SSE	2	SSE	2	S	5	SSE	4	4	Ci.	Cu. S	8	Ci.	Cu.-N. S
24	S	1	S	2	S	2	S	4	S	3	S	2	4	Ci.	Cu. S	5	Ci.	Cu. SSW
25	SSW	2	SSW	2	SSE	4	SSW	5	SSW	2	SSW	1	6	Ci.	S.-Cu. SW	7	Ci.	Cu. SW
26	S	2	S	2	S	2	S	4	SSW	4	SSW	3	7	Ci.	Cu. SSW	6	A.-Cu. WNW	Cu.-N. SW
27	S	2	S	2	ESE	2	S	5	S	4	SE	2	5	Ci.	S.-Cu. SSE	7	Ci.	Cu. SSE
28	SE	1	SE	1	SE	3	SE	2	SE	2	SE	2	5	Ci.	S.-Cu. SSE	10	Ci.-S.	N. SSE
29	SSE	2	S	2	S	3	S	4	SSW	4	SSW	4	10	Ci.-S.	N. SSE	8	A.-Cu. WSW	Cu. S
30	S	1	S	1	SW	2	SSW	2	SSW	2	SSW	2	4	Ci.	S.-Cu. S	8	Ci.	Cu. SSW
31	SSW	1	SSW	1	SW	2	N	2	SW	3	SW	2	4	Ci.	S.-Cu. SSW	7	Ci.	Cu.-N. WSW
Mean	------	1.3	------	1.4	------	2.4	------	2.9	------	2.5	------	1.8	7	------	------	7.8	------	------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.38	56.77	57.54	54.72	54.92	55.51	22.5	22.2	27.5	31.5	26.1	24.6	32.9	21.6	99	99	82	70	92	98	0.3
2	54.72	54.66	54.79	52.31	52.11	54.21	24.2	24.1	27.8	31	25	23.5	31.4	23	98	99	86	75	92	99	39.9
3	52.10	51.03	51.22	49.78	49.59	50.22	23.8	24	25.1	24.4	24	23.3	25.4	22.8	98	98	99	97	99	98	59.3
4	50.15	50.80	51.47	51.28	51.93	54.18	22.8	23	24.7	26.4	24.6	24.8	26.8	22.5	99	99	96	90	95	92	3.1
5	53.98	54.52	55.66	55.20	56.46	58.06	24.6	24.9	28.5	28.6	26.8	25.6	29.4	24.1	92	95	81	80	88	95	4.6
6	57.09	57.50	58.71	57.47	57.54	59.59	25	24.4	27	28.9	27.4	25.7	30.5	23.9	98	99	90	82	86	97	------
7	58.06	58.51	59.30	57.63	57.82	58.91	24.5	23.9	28.6	31.4	28.7	25.6	31.9	23.5	97	98	80	71	84	95	1.5
8	57.94	58.27	58.89	56.36	57.45	57.71	24.8	24.6	30	29.6	23.1	24	32.6	22.6	98	99	77	81	99	99	35.1
9	56.81	56.30	56.60	54.96	55.76	56.36	23.8	24.3	28.7	27.4	26.4	25.1	30.4	23.8	98	99	90	94	93	94	1.9
10	54.53	54.66	55.08	53.55	53.93	54.29	24.8	24.6	26	26.3	25	23.5	26.6	23.3	98	98	93	92	99	99	28.1
11	53.56	53.34	54.87	53.95	55.29	58.36	23.1	23	26	27.6	25	22.1	28.2	22	99	99	90	84	95	99	51.9
12	57.16	57.18	58.56	57.23	58.38	60.11	22.2	23	27.5	30.6	25.7	25.4	30.6	21.9	99	99	83	74	96	97	.8
13	59.60	59.91	60.52	58.43	58.57	60.99	24	23.4	30	32.4	29.5	25.9	32.6	23.2	98	98	75	66	78	98	6.4
14	59.89	59.81	60.54	58.37	58.47	59.24	25.2	24.4	28	30.8	28.8	26	30.8	24.1	98	98	82	72	78	97	------
15	58.04	58.45	58.41	57.05	56.59	57.32	25.2	25	27.1	27.7	25.5	25	28.1	24.6	92	93	87	84	96	99	7.1
16	55.89	56.13	56.92	56.68	56.51	57.65	25	24.5	25.6	24.7	24.4	24.5	26.5	24	98	99	93	98	99	99	23.9
17	57.28	58.18	58.64	57.59	57.80	59.58	24.6	24.7	28.4	30.4	27.5	25.6	30.4	24.5	99	99	85	73	90	98	------
18	58.64	58.81	59.52	57.71	58.93	60.27	24.8	24	30.4	32	26.9	25	32.6	23.6	98	99	76	71	84	95	------
19	59.19	59.95	60.74	58.42	58.88	60.71	24.2	24	27.3	30.1	28.5	25.3	32.1	23.6	98	99	87	85	85	98	7.4
20	59.44	59.42	60.13	57.82	58.69	59.78	24.6	24.1	29.5	30.7	24	24.1	32.5	23.5	99	99	79	74	96	99	8.7
21	58.26	58.26	58.50	56.42	56.67	58.84	24.1	23.1	28	32.2	29	26	33.5	22.7	99	99	86	61	81	95	------
22	58.25	58.42	59.27	57.35	57.66	60.51	25	24.2	30.5	33.3	28	25.5	33.4	23.8	96	96	74	60	83	93	------
23	59.64	60.13	60.54	58.39	59.25	60.82	24.2	24	30.2	32.4	26.5	25.6	33.6	23.6	98	98	75	61	90	95	------
24	59.66	59.83	60.72	58.48	59.07	60.01	25	24	29.8	27.1	27.7	25.5	32.8	23.6	98	98	76	88	79	93	8.6
25	59.14	59.71	60.72	58.69	59.58	60.48	24.8	23.5	28.8	30.6	23.9	23.4	30.9	22.9	97	99	79	70	99	98	11.7
26	59.67	59.35	60.19	58.26	59.14	60.83	23	23.4	28.7	31.2	26.5	23.7	31.2	22.6	98	99	83	75	91	98	------
27	59.62	59.79	61.33	59.37	60.64	61.19	23.2	23	29.5	28.4	26.4	24	31.9	22.3	98	98	78	86	82	91	.8
28	59.79	59.93	60.91	58.37	58.67	60.69	22.2	22	29	33.1	27.9	24.7	33.1	21.4	98	98	76	52	76	92	------
29	59.41	59.41	60.50	57.66	57.78	59.90	24	22.4	30	32.6	26.7	25.7	33.2	22.1	96	98	69	61	87	94	------
30	58.77	58.51	59.56	57.38	57.43	59.19	24.8	24	30.7	34	29.8	26.7	34	23.7	98	99	71	56	76	91	.8
Mean	57.46	57.58	58.34	56.56	57.05	58.52	24.1	23.8	28.3	29.9	26.5	24.8	31	23.2	97.6	98.2	82.6	76.1	88.9	96.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	301.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	WNW	1	WNW	2	WNW	2	WNW	1	10	Ci.	S.	6	Ci. ESE	Cu. WNW
2	W	1	W	1	W	1	W	2	W	4	W	2	9	Ci.-S.	S.-Cu. WNW	9	Ci.-S.	Cu. WNW
3	W	1	WSW	1	WSW	2	SW	5	SSW	5	SSW	4	10	Ci.-S.	N. WNW	10	Ci.-S.	N. WSW
4	SSW	3	SSW	3	SSW	3	SSW	3	S	1	S	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
5	S	5	S	4	SSW	5	SSW	7	SSW	5	SSW	3	6	Ci.	Cu. SSW	9	Ci.-S.	Cu.-N. SW
6	SSW	2	SSW	1	SSW	2	SSW	2	SW	1	SW	1	7	Ci.	Cu. SW	6	Ci.	Cu. SW
7	SW	1	SW	1	SW	2	SW	2	SW	1	SW	1	4	Ci.	Cu. SW	7	A.-Cu. W	Cu.-N. SW
8	SW	1	SW	2	SW	2	SW	2	SW	2	N	2	8	Ci.	Cu. SW	9	Ci.-S.	Cu.-N. SW
9	WNW	1	W	1	SW	1	WSW	1	WSW	1	SW	3	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu.-N. WSW
10	SW	2	SW	2	SW	4	SW	4	SW	3	SSW	4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
11	SSW	5	SSW	5	SSW	4	SSW	4	SSW	3	SSW	3	10	Ci.-S.	N. S	10	Ci.-S.	N. SSW
12	SSW	4	SSW	3	S	2	S	4	S	2	S	1	10	Ci.-S.	N. SSW	8	Ci.-S.	Cu.-N. SW
13	SW	1	SW	1	SW	2	SW	2	SW	2	W	1	3	Ci.	Cu. SW	5	Ci.	Cu.-N. SW
14	W	1	W	1	WNW	2	WNW	2	WNW	2	W	1	8	Ci.	Cu.-N.	7	Ci. ESE	Cu. NW
15	W	1	W	2	WNW	2	WNW	3	W	2	W	1	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu. WNW
16	SW	2	SW	2	SW	4	SW	4	SW	2	SSW	1	10	Ci.-S.	N. WSW	10	Ci.-S.	N. WSW
17	SSW	3	SSW	2	SSW	4	SSW	4	SSW	2	S	2	9	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. SW
18	S	1	S	1	S	2	S	4	S	1	NE	2	5	Ci.	S.-Cu. S	7	Ci.	Cu.-N. SW
19	NE	1	N	1	NE	1	SE	1	SE	1	SE	1	10	Ci.-S.	S. N	7	Ci.	Cu.-N. E
20	N	1	N	1	SE	2	SE	2	SE	1	NE	1	4	Ci.	Cu.-N.	4	Ci. NE	Cu.-N. E
21	N	1	N	1	N	1	SE	1	SE	1	SE	1	10	Ci.	S. N	5	Ci.	Cu. E
22	ESE	1	NE	1	SE	1	S	2	S	2	S	2	6	Ci.	Cu. E	4	Ci.	Cu. E
23	NW	1	NNW	1	NNW	2	NNW	2	NE	1	SE	1	3	Ci.	Cu.	4	Ci.	Cu.-N.
24	NE	1	NE	1	NE	2	NE	2	SE	2	NE	1	4	Ci.	S.	5	Ci.	Cu.-N. ENE
25	NE	1	NE	1	NE	2	SE	1	SE	2	SE	1	8	Ci.	S. NE	8	A.-Cu.	Cu. E
26	NE	1	NE	1	NE	1	SE	2	N	4	N	2	5	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
27	NE	1	NE	1	NE	2	NE	2	NE	2	N	1	8	Ci.	S. NE	6	Ci.-S.	Cu.-N. E
28	N	1	N	1	NE	2	SE	3	SE	1	N	1	5	Ci.	Cu.-N.	2	Ci.	Cu.-N. E
29	N	1	N	1	NE	2	N	2	N	2	NE	1	2	Ci.	S.-Cu.	5	Ci.	Cu.-N. NE
30	N	1	N	1	SE	2	SW	2	SE	1	N	2	4	Ci.	Cu.-N.	4	Ci.	Cu.-N.
Mean	------	1.6	------	1.5	------	2.2	------	2.6	------	2	------	1.7	7.3	------	------	7.1	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.41	59.06	60.04	57.50	57.76	59.30	25.5	24.9	30.1	32.9	29.2	25.6	33.9	24.6	96	99	79	59	78	99	8.9
2	58.72	59	59.11	56.87	57.44	58.94	24.8	24	29.5	34	------	------	34	23.7	99	99	84	65	------	------	41.7
3	58.35	58.72	59.54	57.67	58.23	59.56	------	------	------	------	------	------	------	------	------	------	------	------	------	------	3.8
4	58.81	59.09	60.27	57.92	58.33	60.06	24.8	24.6	29.5	31.4	27.8	25.5	31.4	23.8	93	95	73	57	62	83	------
5	58.79	59.14	59.74	57.61	58.46	59.89	24.6	24.4	29.8	28.3	25.6	24.8	31.4	23.8	92	94	71	80	92	94	.8
6	58.65	58.81	59.40	56.98	57.99	59.91	24	24.2	28.7	31.4	28.2	25.9	31.6	23.4	95	95	77	60	76	88	------
7	58.94	59.20	60.06	57.47	58.62	60.35	24.6	24	30	32.9	28.6	25.6	33	23.4	92	96	68	57	78	91	------
8	58.94	59.66	60.16	57.37	58.38	59.44	24	23.9	30.2	32.4	27	25	32.6	23.1	95	96	70	55	84	88	------
9	57.96	58.25	58.64	55.74	57.40	58.21	24.2	23	29.6	33	24.9	25	33	22.5	91	96	70	59	88	96	14
10	56.91	56.86	57.68	54.91	55.62	57.04	24.2	24	28.5	31.2	26.5	25.4	31.9	23.4	95	96	80	62	90	93	.3
11	55.78	55.61	56.31	54.88	54.70	55.69	25	24.8	26.4	26.5	25.4	24.5	26.9	24.1	96	98	87	88	93	96	2.6
12	54.92	54.53	55.12	53.05	53.47	54.09	24	23.5	26.4	27.8	23.8	23.2	28	22.8	93	94	89	86	95	96	52.6
13	52.50	51.95	52.43	50.59	50.44	52.05	23.2	23.4	26.6	24.9	25.9	25.8	29.9	22.9	95	97	91	95	95	97	16.8
14	51.08	51.40	52.73	51.10	52.34	53.14	25.2	24.1	26.2	27.2	25	25	28.4	23.8	95	96	92	86	93	96	9.1
15	52.42	53.29	55.84	54.46	55.58	57.82	24.5	24.2	28.3	30.8	26.8	25.4	30.8	23.7	96	97	76	71	86	93	------
16	57.16	57.98	58.98	57.03	58.09	59.61	24.8	24	28	30.6	25.3	24.4	31	23.4	93	97	81	69	91	97	15
17	58.96	59.32	59.98	57.99	58.59	60.59	24	23.3	27.4	29.6	28	24.7	30.6	22.4	95	96	76	64	77	93	1.5
18	59.98	60.27	60.93	58.44	59.30	60.71	24	23.5	28.5	31	26.9	25	31	22.9	95	96	75	63	74	88	------
19	59.93	60.47	61.42	59.11	60.11	60.87	23.8	23.9	28.5	30.1	26.7	25.4	30.1	23.1	97	97	76	67	77	77	------
20	59.78	60.96	61.54	59.47	60.29	61.69	24.5	23.2	29	31.4	27	25	31.4	22.9	87	95	68	59	84	83	------
21	60.25	60.87	61.27	58.80	59.19	60.47	23.8	23.1	29.4	31.2	26	24.9	31.4	22.5	91	96	68	64	88	92	------
22	59.65	60.28	60.40	57.73	57.69	59.92	24	23.4	28.2	31.3	28.5	24.1	31.8	22.9	97	98	80	64	81	91	------
23	58.91	59.32	60.11	57.61	58.88	60.53	23.8	23	27.4	31.2	26.2	24.1	31.2	22.6	93	96	80	69	73	86	------
24	59.78	60.06	61.23	59.19	60.33	62.10	23.5	22.1	28.1	31	26.2	24.4	31	21.6	83	94	60	58	66	84	------
25	60.90	61.56	62.24	59.68	60.21	61.93	23.2	21.8	28.1	30.1	25.6	22.6	30.2	21.4	90	88	63	59	69	86	------
26	60.88	61.34	61.83	58.57	58.87	60.75	21.9	20.1	27.2	31	27.1	23	31	19.4	92	99	61	44	65	86	------
27	60.13	60.55	61.39	58.76	59.44	61.26	21.3	20	27.6	30.5	26.6	23.1	30.9	19.3	91	96	70	58	68	89	------
28	60.68	61.15	62.10	59.91	60.26	62.16	22.3	21.5	28.5	30.5	27	23.8	30.5	21	91	94	64	58	72	89	------
29	61.41	61.66	62.65	60.26	60.33	61.94	22.8	21.9	29	31.4	27.1	24.6	31.4	21.4	91	95	67	57	69	87	------
30	61.02	61.67	62.09	59.33	59.48	60.97	23.8	22.2	29	32	27.1	24.8	32.1	21.6	93	96	68	57	71	85	------
31	59.96	60.34	61.29	60.11	60.06	61.55	23	22.1	29.4	25	24.4	24	29.7	21.4	91	95	68	92	94	94	10.4
Mean	58.41	58.79	59.57	57.29	57.93	59.44	23.9	23.2	28.4	30.4	26.6	24.6	31.1	22.6	93.1	95.9	74.4	66.1	80.3	90.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	177.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	SE	2	SE	2	NE	2	N	1	7	Ci.	S.-Cu. N	3	Ci.	Cu. E
2	SE	1	SE	1	SSW	2	SSW	2	SSW	2	NNW	2	3	Ci.	Cu.-N.	5	Ci.	Cu.-N.
3	ESE	1	ESE	2	SE	2	ESE	3	S	2	NE	2	10	Ci.-S.	N.	7	Ci.	Cu.-N. E
4	NE	1	NE	2	NE	2	SE	2	SE	2	NE	1	7	Ci.	Cu.-N.	5	Ci. SE	Cu.-N. E
5	N	1	SE	1	S	2	S	2	S	1	N	2	6	Ci.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
6	NE	2	NE	1	NE	2	NE	2	SE	1	N	2	10	Ci.-S.	S. E	7	Ci.	Cu.-N. E
7	N	1	N	2	NE	1	NE	2	NE	1	N	2	5	Ci.-Cu.	Cu. N	5	Ci.	Cu.-N. E
8	NNE	2	NE	2	NE	2	NE	2	NW	1	NW	1	6	Ci.	Cu. N	4	Ci.	Cu.-N. E
9	N	1	N	1	N	2	E	2	NE	5	NE	2	4	Ci.	Cu. E	5	Ci. SE	Cu. ENE
10	N	2	NW	2	NW	2	NW	2	NW	2	NW	2	5	Ci.	S. N	5	Ci.-S. SE	Cu.-N. NNE
11	W	2	W	1	W	2	W	1	W	1	W	2	10	Ci.	S. WNW	10	Ci.-S.	N. WNW
12	W	1	W	1	W	2	W	1	WSW	3	WSW	2	10	Ci.-S.	N. W	10	Ci.-S.	Cu. W
13	WSW	2	WSW	1	SW	2	SSW	5	SSW	2	SSW	2	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	N. SW
14	SSW	2	SSW	3	SSW	5	SSW	7	SSW	2	SSW	4	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
15	SW	2	SW	2	W	4	W	5	W	2	W	2	10	Ci.-S.	Cu. WNW	7	Ci. ENE	Cu. WNW
16	W	1	W	1	W	2	W	2	NW	3	NW	1	10	Ci.-S.	Cu. WNW	5	Ci.	Cu. W
17	W	2	WSW	1	WNW	2	WSW	2	WSW	1	WSW	1	8	Ci.-S.	Cu. W	3	Ci.	Cu.-N.
18	N	2	NE	2	NE	2	S	2	NE	3	NE	1	3	A.-Cu.	S.-Cu.	6	Ci.	Cu. SSE
19	N	2	NE	1	NE	3	NE	3	ENE	3	NE	2	7	Ci.	Cu. ESE	5	Ci.	Cu. E
20	NE	1	NE	2	NE	2	ESE	3	NE	1	NE	1	4	Ci.	Cu. E	5	Ci.	Cu. E
21	N	2	N	2	ENE	2	N	2	NE	1	NE	1	1	A.-Cu.	------	5	Ci.	Cu.-N. NE
22	N	1	N	2	NE	2	NE	2	WNW	1	WNW	1	10	Ci.	S. N	5	Ci. ESE	Cu. NE
23	NE	1	NE	1	NE	2	E	2	E	4	E	2	6	Ci.	Cu.-N.	6	Ci.	Cu. NE
24	N	3	N	2	NE	2	N	2	E	4	N	2	6	Ci.	S.-Cu.	5	Ci.	Cu. N
25	NE	2	NE	3	N	3	E	2	E	3	NE	2	6	Ci.-S.	Cu. NE	4	Ci.	Cu. NNW
26	N	2	N	2	NE	4	NE	2	NE	1	NE	1	4	Ci.	S. N	2	Ci.	Cu. ENE
27	N	1	N	2	N	3	N	3	NE	2	N	2	3	Ci.	S.	6	Ci.	Cu. E
28	N	2	N	3	N	3	E	2	E	3	N	2	1	Ci.	Cu.	5	Ci.	Cu.-N. E
29	N	2	N	2	NE	2	NE	2	NE	3	NE	2	1	------	Cu.	6	Ci.	Cu.-N. E
30	NE	1	NE	1	NE	2	NE	2	ESE	1	E	1	1	Ci.	------	1	A.-Cu.	Cu. E
31	N	1	N	1	N	2	NE	2	NE	1	N	2	4	Ci.	Cu. E	10	Ci.-S.	Cu.-N. E
Mean	------	1.5	------	1.6	------	2.3	------	2.4	------	2.1	------	1.7	6.1	------	------	5.8	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.06	61.26	62.15	60.20	60.15	61.95	23.3	23.1	23.5	24.1	24	22.5	24.4	21.5	96	97	98	99	95	96	19.3
2	60.51	60.58	61.38	59.26	60.08	61.41	22	22.2	27.9	31	27.3	24.2	31	21.4	96	96	71	63	72	90	------
3	60.71	61.21	61.70	59.51	59.96	61.69	23.2	21.6	27.6	30.3	26.8	23.6	30.3	21.4	91	98	79	69	74	91	1
4	60.73	61.08	62.14	60.05	60.71	61.41	23.4	23	25.2	25.1	25	24	25.7	22.4	97	97	93	96	92	96	3.5
5	60.46	60.68	62.36	60.15	60.72	61.80	23.2	22.6	26.1	26.8	24.1	23.5	26.8	22.1	97	98	94	86	97	97	2.8
6	60.48	61.12	61.81	59.80	60.26	61.48	23	22.6	25.7	28.6	27	24.4	29.4	22	97	99	92	84	78	92	.5
7	60.78	61.39	62.19	59.47	60.65	62.03	22.6	22	29.6	31.8	27	24.4	31.8	21.5	95	96	70	57	70	84	------
8	60.58	61.18	62.22	60.27	61.04	62.51	23	22.6	29.6	30.6	26.6	23.5	31	21.6	95	95	64	64	83	90	------
9	61.44	61.76	62.15	59.34	60.14	61.60	22.8	22.5	28.7	32.5	27.2	24.1	32.5	21.6	93	95	74	55	73	88	------
10	60.92	61.07	61.82	59.21	59.60	61.39	23.1	22.4	29	30	26.8	24	30.6	21.6	92	96	74	68	69	87	------
11	60.17	61.03	61.81	59.40	59.90	62	23.8	22.2	29.1	30.8	26.6	22.8	31.8	21.7	93	95	70	56	71	88	------
12	61.11	61.13	62.03	60.02	60.40	62.23	21.8	20.5	28.2	31.5	27.1	25.1	32	19.7	93	95	66	57	72	83	------
13	60.93	61.54	62.68	60.47	60.37	61.58	23.4	22	28	29.9	25.6	22.6	30.9	21.4	88	95	68	66	72	89	------
14	61.18	62.10	62.74	60.36	60.69	62.09	21.6	19.9	27.5	29.4	25.2	21.3	30	19.2	91	93	63	52	68	84	------
15	60.95	61.97	62.77	60.90	61.48	62.96	19.8	18.3	27.2	30	26.2	24	31	17.4	92	93	56	59	75	87	------
16	61.86	62.54	63.02	60.43	60.78	62.13	22.6	20.6	28.1	30	27.1	23.5	30.5	20.1	91	94	68	62	72	88	------
17	61.31	61.59	62.34	59.94	60.20	62.01	22.8	21	27.6	29.5	27.6	24	30.4	19.8	93	95	67	64	68	78	------
18	61.81	62.41	63.62	60.78	61.65	62.76	23	21.5	27.8	31.2	26.5	24	31.3	20.9	86	94	67	52	70	86	------
19	61.85	62.31	63.34	61.37	62.02	63.43	23.2	22	29.1	29.8	27.7	25.6	31.8	21.4	90	91	68	69	73	83	------
20	61.91	62.70	64.13	61.82	62.13	63.08	23	22	28	30	25	23.6	31.1	21.4	91	95	74	67	93	96	11.2
21	62.19	62.37	63.14	60.43	61.08	62.16	22	20.4	28.3	30.9	27	25	31.8	19.8	96	96	70	58	78	88	------
22	61.54	61.51	62.32	60.03	60.85	62.56	22.6	21.5	29	31.1	27	23.9	31.2	21	91	92	62	56	70	84	------
23	61.91	62.52	63.48	61.41	62.20	63.74	21.8	22	29.5	30.2	26.3	23.4	31.9	21.5	93	91	58	58	70	81	------
24	62.44	63	64.04	61.50	62.35	64.09	22.5	20	28.5	30	25.4	21.3	30	19.2	91	91	59	56	70	88	------
25	63.16	63.33	64.05	61.18	61.64	62.61	20	18.4	26.5	29.2	24.9	22.4	29.4	17.6	91	88	59	55	67	82	------
26	60.83	61.19	62.02	59.26	59.45	60.15	20.5	19.6	26.1	29.6	26	24.4	30	18.9	91	90	69	49	66	77	------
27	58.98	58.58	60.11	57.19	58.39	59.92	22.7	21.5	23.3	26.9	24.5	23.6	27.8	20.9	89	90	84	73	90	91	1.3
28	58.98	59.46	61.05	58.61	59.23	60.71	23	22.9	26.6	30.6	26.5	24	30.6	22.2	91	91	79	58	74	83	------
29	59.71	60.25	60.94	58.66	59.03	60.70	22	20.5	28.4	30.8	27.3	25.4	31.8	19.9	91	95	68	62	72	81	------
30	60.05	60.46	61.26	59.30	60.05	61.12	23.4	21.1	29	31.5	26.5	24.5	31.5	20.6	88	94	69	60	73	84	------
Mean	60.98	61.44	62.36	60.01	60.57	61.98	22.5	21.4	27.6	29.8	26.3	23.8	30.3	20.7	92.3	94.2	71.8	64.3	75.6	87.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	39.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	E	1	E	1	N	1	N	2	NW	1	N	1	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
2	N	1	N	1	NE	1	E	3	E	2	N	2	6	A.-Cu.	Cu. E	4	A.-Cu.	Cu. E
8	N	2	N	2	N	2	E	3	E	2	N	2	6	Ci.-S.	Cu.-N. E	6	A.-Cu. E	Cu.-N. ESE
4	NE	1	N	1	NE	1	NE	1	NE	1	N	2	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
5	N	1	NE	1	SSE	2	E	3	NE	2	NE	2	3	Ci.	Cu. E	9	Ci.-S.	Cu.-N. ESE
6	NE	1	NE	1	NE	2	NE	2	ENE	1	NE	1	7	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. E
7	N	2	N	2	NE	3	E	4	E	4	N	2	3	Ci.	S.-Cu. E	5	Ci. SE	Cu. E
8	N	1	NE	1	NE	4	NE	2	ESE	2	ESE	2	3	Ci.	Cu. E	7	Ci.	Cu. E
9	NNE	2	ENE	3	ENE	2	E	4	E	2	E	1	7	Ci.-S.	Cu.-N. E	6	A.-Cu. E	Cu. ESE
10	N	2	NW	2	E	2	E	2	E	2	NW	1	2	Ci.	Cu.	4	Ci. E	Cu.-N. ESE
11	NE	1	NE	2	NE	2	ESE	4	ESE	3	N	2	3	Ci.	Cu. ESE	4	A.-Cu.	Fr.-Cu. E
12	N	2	N	2	N	2	ESE	4	ESE	2	NE	2	0	------	------	4	Ci.	Cu. E
13	N	1	NW	1	ESE	2	ESE	2	ESE	4	E	2	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
14	NE	1	NE	2	NE	4	NE	3	ESE	3	NE	2	2	Ci.	Cu.	5	Ci.	Cu. ENE
15	NE	2	NE	2	NE	2	ESE	2	ESE	2	E	2	1	Ci.	S.	6	Ci. SE	Cu. ENE
16	NE	2	N	1	NE	2	N	3	E	2	NE	1	4	Ci.	Cu. E	5	Ci.	Cu. NE
17	N	2	N	2	NE	2	SE	2	E	2	ENE	2	1	Ci.	Cu.	4	Ci.	Cu. E
18	NE	2	NE	2	NE	3	NE	3	E	2	E	2	4	A.-Cu.	Cu. E	4	Ci.	Cu. E
19	NW	1	N	1	N	3	E	3	E	4	N	2	2	Ci.	Cu.	8	A.-Cu. E	Cu. ENE
20	NE	1	SE	1	E	2	N	4	ESE	2	E	1	5	Ci.	Cu.-N. E	7	Ci.	Cu.-N. ENE
21	NW	1	N	2	N	3	E	2	E	2	E	2	2	Ci.	Cu. E	7	A.-Cu. E	Cu.-N. ENE
22	N	1	N	2	NE	4	NE	4	NE	4	N	1	1	Ci.	Cu.	5	Ci.	Cu. E
23	N	2	N	2	E	3	E	3	E	4	NE	2	3	Ci.	Cu. E	7	Ci.	Cu. E
24	N	2	N	2	N	2	E	4	E	4	N	2	3	Ci.	Cu. E	5	A.-Cu. ENE	Cu. E
25	N	2	N	2	N	2	NE	4	E	3	NE	2	4	A.-Cu. ENE	Cu. E	7	A.-Cu.	Cu. E
26	N	1	N	1	NE	2	NE	3	SE	2	N	3	3	Ci.	Cu. E	3	A.-Cu.	Cu. E
27	NNE	2	NNE	2	N	2	NE	5	NE	2	NNE	2	5	Ci.	Cu. NE	9	Ci.-S.	Cu.-N. NE
28	NE	3	E	1	E	3	E	5	E	4	N	2	9	Ci.-S.	Cu.-N. E	7	A.-Cu. SE	Cu.-N. ESE
29	E	1	N	1	N	3	N	2	NE	2	NW	3	1	Ci.	Cu.	4	A.-Cu.	Cu. NE
30	N	1	N	1	NE	2	SE	2	SE	3	N	1	2	Ci.	Cu.	5	Ci.	Cu.-N. NE
Mean	------	1.5	------	1.6	------	2.3	------	3	------	2.5	------	1.8	3.8	------	------	6.1	------	------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.44	60.98	61.58	59.08	59.33	60.98	22.4	21.2	28.6	31.7	27.6	23.9	31.8	20.5	88	95	66	52	72	86	----
2	60.17	61.25	61.95	59.32	59.69	61.43	22.4	20.4	27.4	30.8	26.5	25.3	31.2	19.7	91	96	72	50	69	95	----
3	61	61.79	62.79	60.91	61.59	62.90	22.6	21.8	28.2	31.3	27	23.2	31.7	20.7	91	93	70	48	60	81	----
4	62.30	63.43	63.80	61.65	62.19	63.77	21.1	20	28.1	31.2	27.1	25	31.7	19.2	89	92	62	55	67	80	----
5	63.06	63.36	63.83	61.77	62.64	63.79	23.8	23	28.2	29	25.6	24	30	22	83	87	59	65	73	83	----
6	63.03	63.70	64.04	61.52	62.05	63.15	23.2	22	28	29.2	26.4	23.6	30.1	21.5	86	88	63	63	66	84	----
7	62.47	62.64	63.35	60.92	61.78	62.88	22.2	21.2	28.3	29.5	26.1	23.2	30	20.7	93	94	63	61	75	88	----
8	61.80	61.74	62.24	60.48	61.10	62.71	22	22.2	27	28.7	26.1	23.6	29.7	20.7	92	94	72	63	79	81	1
9	62.09	62.24	62.55	60.66	61.22	62.51	22.8	22.5	26.4	29.4	26.6	24.3	30.2	22	88	96	73	59	65	82	.3
10	61.89	62.04	62.85	60.71	61.69	62.74	23.2	22	28.4	29.4	26.4	23	30	21.6	88	91	68	66	66	84	----
11	62.02	61.41	62.13	59.42	60.15	61.49	21	20.7	29	31.2	27	23.1	31.6	19.4	92	94	68	56	70	90	----
12	60.41	60.60	61.87	58.91	59.40	60.99	22	21.1	26.6	30.5	27.1	23.9	31	20.5	93	95	84	59	72	89	----
13	60.22	60.47	61.46	60.12	60.56	61.59	22.9	22.4	30.2	27	27.1	23.4	32.4	21.7	92	95	67	80	76	89	.8
14	60.52	60.38	60.91	58.96	60.06	61.12	21.9	21	29.5	30.4	27	24.9	32.5	20.2	94	98	55	56	71	84	.3
15	60.21	60.54	60.63	58.57	59.29	60.88	24	22.5	28	29.6	27.1	25.2	30.6	21.9	91	96	74	67	78	87	----
16	60.22	60.83	61.54	59.32	60.10	61.75	23.4	23	25.1	31.7	27.4	24	32.2	22.2	93	96	91	65	78	86	----
17	60.78	61.42	61.90	59.66	60.44	61.89	22.1	20.6	28.8	31	27	24.8	32.3	20	95	96	69	62	72	87	----
18	60.71	61.04	61.92	60.43	61.37	62.58	23	22.5	29.2	29	25.6	22.9	30.6	21.5	90	92	65	64	75	90	.5
19	62.19	62.46	62.94	60.87	61.83	63.59	22	21.7	27	30	26	24.3	30.7	21.1	96	97	72	62	73	83	----
20	63.01	63.31	63.70	60.79	61.97	63	23.2	22.6	25.7	29.9	26.3	24.3	30.1	22.1	90	92	81	69	76	84	.8
21	62.11	62.19	62.65	60.13	60.79	61.61	22.2	21.5	27.4	30.5	26.3	23.9	31.5	21	91	95	70	62	77	85	----
22	60.59	60.73	60.80	58.17	58.79	60.71	22	21.5	28	31.6	28	25.8	32.3	20.7	92	95	66	60	74	84	----
23	59.92	60.24	61.50	58.95	59.84	61.41	24.1	21.5	28.1	31.1	27.2	24.8	31.8	20.9	89	97	77	66	75	84	----
24	60.58	60.82	61.70	59.23	59.69	61.01	23.1	22	28.3	31.6	26.4	23.4	31.9	21.3	93	98	68	62	76	91	----
25	59.91	60	61.22	58.64	58.93	60.69	22.1	20.4	28.5	30.2	27.7	24.7	31	19.7	94	96	72	69	76	87	----
26	59.70	60.21	60.83	58.31	58.79	60.80	23.3	21.8	27.7	31.3	27.5	24.4	32.2	21.2	93	97	79	59	76	87	----
27	59.81	60.11	60.98	58.94	59.94	61.71	23.1	22.1	26.8	29.4	25.2	23.2	30	21.4	90	92	74	64	82	90	----
28	61.01	61.56	62.08	59.61	60.93	62.52	22.9	22.7	27.8	30	25	22.8	30.7	21.5	90	91	73	62	73	87	----
29	62.19	62.90	63.69	61.12	62.59	64.41	20.6	19.5	27.8	30.4	26.3	24	31.3	19	94	98	69	58	74	81	----
30	63.39	64.46	64.87	62.94	63.78	65	23.5	23.1	28.6	29.2	25.7	23.3	30.5	22.5	84	85	66	64	78	87	----
31	64.31	64.76	65.03	62.97	64.68	66.12	22	21	28.5	28.5	25	21.9	30.3	19.7	92	96	67	64	73	87	----
Mean	61.36	61.73	62.37	60.10	60.88	62.31	22.6	21.7	27.9	30.1	26.6	23.9	31.1	20.9	90.9	94.1	70.2	61.7	73.1	85.9	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	2	NE	2	SE	2	N	1	1	Ci.	S.	2	A.-Cu.	Cu. NE
2	N	1	Calm	----	NNW	2	N	1	Calm	----	Calm	----	2	----	S.-Cu.	3	----	Fr.-Cu. NW
3	Calm	----	Calm	----	SE	1	NE	2	ESE	1	Calm	----	10	Ci.-S.	S.-Cu. NE	5	A.-Cu.	Cu. ENE
4	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	NNE	1	2	----	S.-Cu.	5	Ci.	Cu.-N. E
5	ENE	1	NE	0	NE	3	SE	1	NE	1	Calm	----	8	Ci.	S.-Cu. ENE	8	Ci.	Fr.-Cu. NE
6	NE	1	Calm	----	N	2	E	2	NE	1	Calm	----	4	Ci.	S.-Cu. NE	6	Ci.-S.	Cu.-N. NE
7	NNE	1	Calm	----	Calm	----	NE	1	Calm	----	NE	1	1	----	Cu.	8	Ci.-S.	Cu.-N. NNE
8	ENE	0	Calm	----	N	1	NNE	2	NNE	1	N	1	7	Ci.	Fr.-Cu. ENE	9	Ci.-S.	Cu.-N. NE
9	NE	1	NNE	1	NE	2	NE	2	ENE	2	Calm	----	9	----	N. NE	7	Ci.-S.	Cu.-N. ENE
10	NNE	1	NW	1	NE	1	NE	1	Calm	----	Calm	----	10	Ci.-S.	Cu.-N. NE	4	Ci.	Cu.-N. ENE
11	N	1	NE	1	NE	3	NE	3	ENE	1	NNW	1	5	Ci.-S.	S.-Cu. E	4	Ci.-S.	Cu. E
12	NE	1	Calm	----	ENE	1	NE	2	E	2	Calm	----	2	----	S. NE	2	----	Cu.
13	NNE	1	NNW	1	NE	2	ENE	2	NE	1	Calm	----	3	Ci.-Cu.	S.-Cu.	5	Ci.-S.	Cu. E
14	N	1	Calm	----	E	1	NE	1	Calm	----	Calm	----	1	----	Cu.	7	Ci.-S.	Cu.-N. ENE
15	Calm	----	SE	1	NNE	2	Calm	----	Calm	----	N	1	9	Ci.-S.	Fr.-Cu. ESE	7	Ci.-S.	Cu.-N. NE
16	NW	1	Calm	----	N	1	NE	2	E	1	Calm	----	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. ENE
17	Calm	----	Calm	----	NE	1	NE	2	ENE	2	NE	1	2	----	Cu.	5	Ci.	Cu. ENE
18	Calm	----	Calm	----	ENE	1	E	2	E	1	Calm	----	8	Ci.-S.	Fr.-Cu. NE	9	Ci.-S.	Cu. NE
19	ESE	1	Calm	----	NNE	0	NE	1	ENE	2	N	1	8	Ci.-S.	S.-Cu. ESE	7	A.-Cu.	Cu. ENE
20	Calm	----	Calm	----	Calm	----	E	1	E	2	E	1	8	Ci.-S.	Fr.-N. NE	7	Ci.-S.	Cu.-N. NE
21	Calm	----	Calm	----	Calm	----	E	1	Calm	----	N	1	4	Ci.	Fr.-Cu. ESE	7	Ci.-S.	Cu.-N. ESE
22	Calm	----	Calm	----	Calm	----	N	1	S	1	Calm	----	8	A.-Cu.	S.-Cu.	4	Ci.-Cu.	Cu.-N. NE
23	NE	1	Calm	----	NE	1	ENE	2	Calm	----	NE	1	3	Ci.	Fr.-Cu.	8	Ci.-S.	Cu.-N. E
24	NE	1	Calm	----	N	1	ESE	1	NE	2	Calm	----	4	----	Fr.-Cu. ENE	7	Ci.	Cu.-N. NE
25	Calm	----	Calm	----	ENE	1	NNE	1	E	1	N	1	1	----	Cu.	9	Ci.-S.	Cu.-N. NE
26	N	1	Calm	----	N	1	NNW	2	N	3	NNW	1	7	Ci.-S.	Fr.-Cu. NW	5	Ci.-S.	Cu.-N. N
27	Calm	----	Calm	----	N	3	NW	2	NNW	4	N	1	4	Ci.	S.-Cu.	7	Ci.-S.	Fr.-Cu. N
28	NE	1	NNW	1	NE	1	E	2	E	1	ENE	1	7	Ci.	S.-Cu. N	4	Ci.	Cu.-N. NE
29	Calm	----	Calm	----	NE	1	ESE	3	ENE	1	N	1	3	Ci.	Fr.-Cu. E	4	Ci.	Cu.-N. E
30	NNW	1	NE	1	ENE	3	E	2	Calm	----	Calm	----	7	Ci.	S.-Cu. ENE	9	Ci.-S.	Fr.-Cu. ENE
31	Calm	----	Calm	----	Calm	----	ESE	2	NE	1	Calm	----	3	Ci.	S.-Cu.	5	Ci.-Cu.	Cu.-N. NNE
Mean	----	0.6	----	0.3	----	1.2	----	1.6	----	1.1	----	0.5	5.1	----	----	6	----	----

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm. +						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.35	60.57	61.45	59.88	60.45	61.31	23.5	22.8	29.3	29.6	26.2	24.6	32.1	22	84	87	65	66	83	84	0.5
2	60.22	60.24	60.33	57.53	58.10	59.54	24	22.5	29	29.5	27	24.9	33	22.1	82	92	68	68	83	80	------
3	59.15	59.67	60.74	58.38	59.03	60.49	23.5	22.8	29.6	30.4	27	26.4	33.4	22.2	87	89	66	61	82	84	------
4	59.88	60.30	61.94	59.68	60.40	61.11	24.3	22.5	28.9	30.7	27.1	25.2	33.5	22.1	88	90	68	63	83	89	------
5	60.16	59.97	60.63	58.82	59.37	60.59	23.4	22.5	30.5	28.7	27.1	23.9	32.6	22.4	87	89	60	75	81	87	------
6	59.77	59.90	60.29	57.75	59.02	59.77	22.4	22.4	27	29.4	23.4	22.5	30.1	21.6	91	91	72	68	93	87	6.6
7	59.24	59.68	60.55	58.28	58.46	59.86	21.4	21.5	28.5	28.5	26.5	23.5	30.4	20.9	90	88	66	73	78	91	------
8	59.01	59.64	60.75	58.64	58.73	60.75	22.1	21.5	29	30.9	27.2	25	32	21	92	94	68	59	75	88	------
9	59.58	59.41	60.25	57.91	58.06	59.43	23.5	21.7	28.4	29	26.7	26.5	30	21.3	90	93	68	73	83	87	------
10	58.50	58.76	59.86	57.38	58.20	59.19	23.8	23.1	27.1	32.9	28	25.5	34	22.7	92	90	76	61	75	84	------
11	58.62	59.24	60.74	58.65	59.94	59.97	24.4	23.9	28.5	29.2	24.7	23.5	32	23	83	87	73	70	87	95	1.5
12	59.26	60.11	60.91	58.31	59.70	60.93	23	21.8	28.1	30.5	27.6	24.2	33	21.2	85	88	65	59	64	81	------
13	60.30	61.11	62.10	59.24	59.98	60.30	23	21.8	28.1	30.4	27.4	26.5	32	21.4	82	87	70	62	70	82	------
14	59.90	60.79	61.78	59.29	60.53	61.35	24.5	22.1	29.5	31	27	26.3	32	21.9	90	94	66	56	80	85	------
15	60.90	61.49	62.68	60	60.68	62.08	23.6	22.1	29.4	29.6	27	26	31.6	21.9	93	95	65	66	80	83	------
16	61.28	61.79	63.05	60.38	60.86	61.35	23	22.2	29.5	29.5	27	26.4	31.5	21.9	94	95	68	67	76	76	------
17	60.44	60.99	62.34	60.03	60.45	61.09	25.2	21.5	27.6	28.7	26.2	25.8	30	20.6	81	90	69	70	78	78	------
18	60.56	61.09	62.87	60.40	60.60	61.36	25.2	21.4	27.3	28.4	25.9	25.5	29.2	20.2	84	92	66	62	78	79	------
19	60.77	60.92	62.20	59.46	60.55	61.69	23.4	19.9	28	32.4	26.2	23.6	33.7	19.4	80	95	70	47	76	87	------
20	61.64	61.63	62.04	59.90	60.34	61.16	21.6	20.1	28.2	29	26.5	25.8	30.8	19.6	94	92	66	65	76	82	------
21	61.04	61.45	62.53	60.35	60.65	60.81	24.8	23.5	28.6	29	26.4	25.5	30.4	23	84	90	65	66	76	75	------
22	60.91	62.02	63.28	61.22	61.19	62.20	23.9	21.6	27	29.2	26.9	24.5	29.9	21.2	86	96	68	66	73	85	------
23	61.89	62.19	63.22	60.34	61.38	62.34	22.1	22.5	29.6	33.9	27.3	25.8	35	21.4	92	82	58	54	77	81	------
24	61.99	62.37	63.45	61.30	61.68	62.84	22.5	21.9	28	29.2	26.5	26.4	30	21.4	87	91	71	70	78	80	------
25	62.63	63.37	64.59	62.73	63.05	63.87	23.9	23.2	27.9	27.1	26.2	25.5	29	22.9	91	89	69	71	81	83	------
26	63.06	63.89	65.01	62.40	62.80	64.32	22.9	21.1	27.9	28.4	25.6	22.8	29.6	20.6	91	94	67	67	73	72	------
27	63.42	63.66	64.66	61.83	62.64	64.19	21.6	20.4	28	29.5	25.5	22.2	33	19.6	74	77	53	54	76	75	------
28	63.36	63.86	65.32	62.98	63.03	64.74	21	20.6	26	28.5	25.5	21	29.7	19.2	77	72	55	55	74	78	------
29	63.95	64.05	65	62.85	63.08	64.77	19	17.5	26.9	28.4	25.7	22.8	29	17	89	93	61	57	73	83	------
30	63.74	64.03	64.99	62.59	62.75	63.75	20.2	20	28.1	28.6	26	23.8	30.4	19.1	90	83	62	66	82	75	------
31	63.37	63.48	64.97	62.24	62.46	64.79	22.2	21.1	29.6	31.6	26.6	22.4	32.8	20.7	77	80	57	46	55	77	------
Mean	60.93	61.34	62.40	60.02	60.59	61.68	23	21.7	28.4	29.7	26.4	24.7	31.5	21.1	86.7	89.2	65.8	63.3	77.4	82.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	8.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSE	SE	SE	SE	Calm	S	32.5	32	47.8	30.3	142.6	9	A.-S.	S.-Cu.	10	------------	S.-Cu.
2	SE	SE	SE	NNW	NW	SE	36.7	36.4	52.8	31.1	157	10	A.-Cu. SE	S.-Cu.	5	A.-Cu.	Cu. EbyS
3	SE	SE	SE	NNW	NNW	N	32.4	35.4	91.9	54.1	213.8	3	Ci.	Cu.	3	Ci.	Cu.
4	Calm	SE	SSE	NNW	N	Calm	23.9	40.4	64.6	20.9	149.8	2	Ci.	S.-Cu.	7	A.-Cu. SEbyE	Cu.
5	E	E	SE	N	NW	Calm	32.2	62.8	63	20.9	178.9	8	A.-Cu. EbyS	S.-Cu.	7	------------	S.-Cu. ENE
6	Calm	S	SSE	NbyW	ESE	S	23	59.3	44.5	50.2	177	5	------------	S.-Cu. ENE	10	A.-Cu.	S.-Cu. ENE
7	SE	SE	ESE	NW	N	NW	33.6	37	67.4	20.6	158.6	8	A.-Cu. SE	S.-Cu.	1	Ci.	Cu.
8	E	E	SE	NW	N	Calm	33.8	31.6	60.6	25.1	151.1	2	Ci.	Cu.	2	Ci.	Cu.
9	W	Calm	SE	NW	NW	NW	22.8	25.2	83.1	43.3	174.4	1	Ci.	Cu.	2	Ci.	Cu.
10	SW	SW	SE	SSE	NE	Calm	20.6	35.7	39.1	27.2	122.6	4	Ci.	S.-Cu.	7	A.-Cu. WSW	Cu.
11	SE	SE	SE	SSE	SW	S	34.4	40.4	----	36.5	-------	10	A.-Cu. SE	S.-Cu.	10	A.-Cu.	S.-Cu.
12	SE	SE	SE	NW	E	Calm	36.7	50.2	39.1	25.1	151.1	3	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu. ESE
13	SE	SE	SE	NNW	NW	NW	34.6	43.7	54.9	51.2	184.4	2	Ci.	S.-Cu.	3	Ci.-Cu. SW	Cu. E
14	Calm	SSE	SbyE	WNW	NW	NW	22.2	34	67.4	50.2	173.8	2	Ci.	S.-Cu.	3	Ci.	Cu.
15	S	S	SE	WNW	NW	NW	22.8	31.7	75.1	51.3	180.9	2	Ci.	Cu.	2	Ci.	Cu.
16	Calm	Calm	S	NNW	NW	NW	20.9	28.7	82.3	81.8	213.7	1	Ci.	S.-Cu.	1	Ci.	Cu.
17	N	E	N	NNW	NW	NW	36.8	30.8	100.1	91.2	258.9	1	Ci.	Cu.	1	Ci.	Cu.
18	NNW	Calm	NNW	NW	NW	NNW	50.9	45.6	114.9	110.4	321.8	1	Ci.	------------	4	Ci.	Cu.
19	N	NE	SE	SE	NW	SW	40.4	43	58.2	35.7	177.3	1	Ci.	------------	3	------------	Cu.
20	SW	SE	SE	NWbyN	NW	NW	28.7	39.9	81.1	65.4	215.1	1	Ci.	Cu.	2	Ci.	Cu.
21	W	W	SSE	NW	NW	NW	25.4	32	89.1	82.1	228.6	8	------------	S.-Cu.	1	------------	Cu.
22	NE	NE	NW	NW	NNW	NW	26.9	25.7	71.9	29	153.5	4	A.-Cu.	S.-Cu.	1	------------	Cu.
23	SE	S	SSE	SSE	NW	W	45.3	69.7	61.8	43	219.8	0	Ci.	------------	2	Ci.	Cu.
24	W	W	W	NW	NW	NW	22.5	27.7	80.3	50.2	180.7	7	A.-Cu. ENE	S.-Cu.	3	Ci.	S.-Cu.
25	E	E	E	NW	NbyW	N	34.6	35.4	74	59.7	203.7	10	A.-Cu.	S.-Cu. SE	9	A.-Cu.	S.-Cu.
26	S	Calm	SSE	NW	NW	SSE	32.5	26	65.2	45.1	168.8	3	Ci.	Cu.	6	Ci.-S.	Cu.
27	SSE	SSE	SSE	NNW	NbyW	SSE	56.5	57.9	66.6	71.6	252.6	0	Ci.	Cu.	2	------------	Cu.
28	S	SSE	SE	NNW	NNW	SE	72.6	53.1	52.3	24.1	202.1	6	A.-Cu. NE	S.-Cu.	2	Ci.	Cu.
29	Calm	SE	Calm	WNW	NW	SW	23.3	28.4	70.6	39.7	162	0	Ci.	------------	2	A.-Cu.	Cu.
30	S	S	SEbyS	NNW	NW	SSE	34.8	45.9	66.3	57.6	204.6	4	A -Cu.	S.-Cu.	7	A.-Cu.	Cu.
31	S	S	SSE	SE	E	S	67.9	48.5	86.7	63.6	266.7	3	Ci.	Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	34.3	39.8	69.1	48	191.5	3.9	------------	------------	4.1	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.31	64.61	65.74	62.62	62.79	64.24	21	18.6	28.5	30.4	26.1	23.9	31.3	18.1	78	90	57	59	79	68	------
2	63.36	63.71	64.54	61.94	62.49	63.35	21.4	21.1	28.4	28.6	25.9	22	32.2	20.3	78	77	46	66	72	86	------
3	62.42	62.36	63.48	60.39	60.44	61.87	20.6	20	28.7	30.6	26.3	22.9	33.7	19.5	85	90	62	58	76	79	------
4	60.95	61.28	61.93	59.06	59.30	61.11	21.9	21	29	30.3	26.6	23.1	34.1	19.4	82	83	58	57	75	87	------
5	61.02	61.12	62.11	59.77	59.85	61.26	20.5	19.5	29	29.5	26.3	25.5	31.4	19	90	89	58	66	81	87	------
6	61.41	61.37	62.59	60.08	60.48	61.90	22.5	20.4	27.6	29.8	26.5	25.4	32.4	20	89	92	72	60	87	89	------
7	61.09	61.16	61.99	59.60	59.92	61.38	22.6	22	30.5	29.6	26.9	24.5	33.4	21.2	85	88	62	70	81	91	------
8	60.32	60.26	61.52	59.29	59.82	61.09	22.6	21.9	30.2	29.4	27.4	24.8	32.4	21.1	89	90	61	68	76	72	------
9	60.60	60.72	62.17	59.56	59.70	61.26	23.5	23.5	30.2	29.9	27.5	23.5	33.6	22.5	81	79	60	64	84	95	10.4
10	60.43	60.84	62.25	60.24	60.55	61.81	23.9	22.5	28.3	27.7	26.4	26	30.3	22	97	99	77	82	86	85	------
11	61.14	61.07	62.10	60.18	60.82	62.25	24.5	23.5	30.6	29.5	27.3	24	34.4	22.8	94	97	64	75	81	78	------
12	61.96	62.75	63.93	60.78	60.91	62.87	22.5	21.6	28.6	33	26.5	23.2	34	21.2	77	76	58	44	80	76	------
13	62.21	62.48	63.23	60.54	60.82	62.71	22.5	22.1	29.8	30.6	26.9	23.5	33.4	21.6	78	80	56	58	76	83	------
14	61.94	62.76	63.95	61.32	61.78	63.91	23	20.5	29.1	33.6	28.5	24	34.3	20	82	91	62	52	76	82	2
15	63.01	63.22	64.17	62.32	62.44	64.04	22.5	20.1	29.4	27.6	26.5	26.1	32.5	19.9	82	94	61	75	83	82	------
16	63.54	64.03	65.12	61.74	61.49	62.94	25.4	22.6	30.5	29.5	26.5	24	34.8	22.1	84	90	62	70	76	86	------
17	62.15	62.10	63.18	60.13	60.35	61.59	22.5	22	29.5	34.5	27	24.2	35.1	20.5	85	82	56	39	75	73	------
18	60.84	60.95	62.13	58.76	59.37	60.98	22.7	21.4	29.5	30.5	27.5	25.4	34.1	20.4	79	82	55	59	73	71	------
19	60.10	60.72	61.57	59.11	58.90	61.04	22	20	29.8	34	26.8	24.5	35	19.5	83	90	58	43	80	88	------
20	60.11	59.85	60.81	58.34	58.44	59.88	21.1	20	28.7	30.4	26.5	25.5	31.4	19.3	84	89	62	56	83	88	------
21	59.69	59.51	59.04	57.44	57.95	59.39	23.2	21.8	31	34.4	27.5	25.4	35.3	21.5	85	89	59	48	77	87	------
22	58.45	58.79	59.67	56.92	57.30	59.38	24.1	24	31.1	35	28.5	27	36.3	23.1	81	81	56	48	84	88	------
23	58.85	58.52	58.92	56.96	57.15	59.20	24.1	22.9	30.7	31	27.9	25.7	35.2	22.1	79	83	55	65	71	71	------
24	58.79	59.40	60.19	57.93	57.94	59.86	23	20.5	30	31.9	27.5	25	35.4	20.1	82	91	57	60	80	88	------
25	59.76	60	61.30	59.01	58.70	59.85	22.9	21.6	30.6	31.2	27.5	26.5	33.2	21.4	88	92	62	61	80	87	------
26	59.25	59.67	60.82	58.23	58.10	59.35	24	23	30.2	30	26.6	26	32.2	22.6	91	90	64	69	83	87	------
27	58.64	59.70	60.80	58.18	57.64	59.03	24.5	22	27.9	28.5	26.5	26.5	29.9	21.6	91	99	74	70	76	87	------
28	58.48	59.15	60.72	58.82	58.73	60.60	24	22	30.1	29.6	26.4	25.5	31.8	21.6	91	92	58	66	81	83	------
Mean	60.89	61.15	62.14	59.62	59.79	61.36	22.8	21.5	29.6	30.7	26.9	24.8	33.3	20.9	84.6	88	60.4	61	79	83	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	12.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	SSE	SE	NW	Calm	SSE	32	35.7	49.9	81.5	199.1	0	Ci.	Cu.	1	------	Cu.
2	S	S	SE	NNW	NNW	SW	82.7	63.3	78.3	36.5	260.8	6	A.-Cu. NE	S.-Cu.	4	Ci.	Cu.
3	S	SE	SSE	N	N	S	33.5	47	64.7	34.1	179.3	0	------	Cu.	4	------	Fr.-Cu.
4	SSE	S	SE	NNW	NNW	S	57.9	60.6	78.6	36.8	233.9	0	Ci.	Cu.	3	------	Fr.-Cu.
5	S	SE	SE	NNW	NW	NW	33.3	53.6	87.9	51.7	226.5	3	Ci.	Cu.	3	Ci.	Cu.
6	S	S	SSE	NW	N	S	29.3	34.8	62	38.3	164.4	2	------	S.-Cu.	7	A.-Cu. SSE	S.-Cu.
7	SE	SE	SSE	NNW	NNW	W	35.4	46.2	84.7	32.5	198.8	9	A.-Cu. SSE	S.-Cu.	5	A.-Cu. E	S.-Cu.
8	SW	SE	SSE	NNW	NbyW	SSE	30.3	36.7	61	49.6	177.6	3	Ci.	S.-Cu.	9	A.-Cu. ENE	S.-Cu.
9	SE	S	SSE	NW	NW	NE	60.2	56.6	53.9	36	206.7	8	A.-Cu. SE	S.-Cu.	4	Ci.-Cu.	Cu.
10	Calm	SE	S	NNW	NW	NW	13.9	35.4	85.9	83.4	218.6	4	Ci.	S.-Cu.	6	Ci.-S.	Fr.-N. SW
11	NW	ENE	SE	NNW	NW	S	24.1	50.1	70	61.5	205.7	8	Ci.	S.-Cu.	3	------	S.-Cu.
12	S	SSE	S	SSE	NW	SSE	69.7	79.1	59.5	67.3	275.6	1	Ci.	Cu.	1	------	Cu.
13	S	S	SSE	NNW	N	S	74	58.2	69.8	39.2	241.2	7	A.-Cu.	S.-Cu.	3	------	S.-Cu.
14	S	S	SE	SSE	NNW	SE	60.2	70.5	65	42	237.7	0	Ci.	Cu.	3	Ci.	Cu.
15	SE	SE	EbyS	NW	NW	NNW	30.6	48.5	102.7	92.7	274.5	3	Ci.	Cu.	8	Ci.-S.	Cu.
16	N	SE	SSE	NNW	NW	SW	41	52.1	86.1	42.1	221.3	3	------	S.-Cu.	2	------	Cu.
17	SE	SSE	SSE	SSE	Calm	S	41	70.5	62.2	70.6	244.3	5	Ci.	S.-Cu. ESE	0	Ci.	Cu.
18	S	SSE	SE	NbyE	NNW	SE	51.5	45.6	51	42.8	190.9	0	Ci.	Cu.	5	------	S.-cf. ESE
19	SE	SE	SE	SSE	NNW	E	40.7	48.9	72.9	51.5	214	1	Ci.	S.-Cu.	0	Ci.	Cu.
20	E	SE	SE	NNW	N	Calm	31.1	37.5	77.4	27.9	173.9	1	Ci.	S.-Cu.	8	Ci.-S.	Cu.
21	SW	SE	SSE	SSE	NW	W	36.8	86.7	94.6	40.7	258.8	1	Ci.	S.-Cu.	3	A.-Cu.	Cu.-N.
22	S	S	SE	SSE	NbyW	NW	61.2	78.6	63.4	58.1	261.3	1	------	S.-Cu.	1	------	Cu.
23	SE	S	SE	NNW	NW	S	47.3	67.9	80.2	44	239.4	0	Ci.	------	1	------	Cu.
24	SE	SE	SSE	WNW	N	S	28	45.6	78.4	29.6	176.6	1	Ci.	Cu.	2	Ci.	Cu.
25	SE	SE	SSE	NW	NNW	NNW	36.5	54.2	69	70.2	229.9	0	Ci.	------	1	------	Cu.
26	NE	E	SE	NW	NW	NNW	36	36.7	106.7	86.9	266.3	8	------	S.-Cu. ENE	2	------	Cu.
27	N	N	NNW	NNW	NW	NW	31.6	41.2	110.7	61.2	244.7	8	A.-Cu. SSE	S.-Cu.	2	------	Cu.
28	SE	SE	SE	NW	NW	N	36.5	35.6	92	64.9	229	2	------	S.-Cu.	1	------	Cu.
Mean	------	------	------	------	------	------	42.4	52.8	75.5	52.6	223.2	3	------	------	3.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,250.8	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.05	60.91	62.32	60.02	59.70	61.34	23	21.2	30.5	29.4	26.8	26	32	21	92	95	53	68	79	86	------
2	60.38	61.11	62	59.31	58.68	60.59	23.4	22.8	30.8	29.4	26.8	24.5	33.5	22.2	88	77	47	64	77	83	------
3	59.59	60.16	61.27	58.84	58.47	60.06	22.1	21.2	30.4	30.2	27	26	31.4	21	89	89	56	60	75	79	------
4	59.18	59.76	60.69	58.10	58.34	59.93	24	23.6	31.6	31.1	27.2	26.1	34.2	23.2	80	76	50	59	76	82	------
5	59.36	59.90	60.87	58.35	58.43	60.20	24.2	24.1	30.5	28.2	26.8	25.2	33.3	23.5	81	83	52	72	80	92	1.1
6	59.06	59.64	60.52	58.15	57.89	60.13	24.2	22.6	31	30.5	27.5	26	32.3	22.4	95	94	59	68	81	87	------
7	58.85	58.72	59.37	56.94	57.16	58.98	24.9	23.5	31.1	32.4	27.5	26.9	33.1	22.9	83	83	56	58	83	82	32.8
8	58.18	58.04	58.73	55.68	56.14	57.80	23.2	23	30	34	27.5	26.6	35.4	22.5	98	96	71	52	84	89	.3
9	57.17	57.17	57.98	56	56.05	57.70	24.5	23.7	30.1	30.6	27.5	27.1	32.8	23.1	91	94	71	70	84	87	------
10	57.45	57.62	58.82	56.70	57.19	58.68	26.5	24.6	31.8	33.9	28.2	25.6	36.7	24.1	91	87	61	59	83	86	------
11	58.20	58.77	59.23	56.94	57.27	59.15	25	24	31.5	35.9	28.5	27.5	36.8	23.5	76	79	50	42	75	82	------
12	58.82	59.05	59.92	57.25	56.92	58.34	25.9	23.9	30	31	27.5	26.9	32.2	23.4	88	91	67	62	83	79	------
13	58.20	58.90	59.83	56.90	56.69	59.03	26	23.4	28.9	30.9	27.3	27	31.7	23	87	93	67	65	78	75	------
14	58.64	59.13	60.33	57.88	57.48	60.44	26.4	25.4	29	30.5	28.1	26.8	31.3	25	82	84	68	62	74	78	------
15	59.35	59.11	59.78	57.19	57.78	59	24.7	23.4	31.6	34.4	29.5	26.5	36.3	23	87	91	54	44	71	66	------
16	58.28	59.12	59.88	57.30	57.46	59.02	24.9	23	31.1	35	29.7	27	35.9	22.5	72	82	52	40	67	83	------
17	59.16	59.46	59.77	56.60	56.83	59.67	23.5	21.7	31	35.4	28.6	27	36.4	21.1	78	85	53	35	73	80	------
18	58.75	59.15	60.09	57.27	57.17	59.54	23.5	21.5	31	31.8	28	27.4	33.5	21	81	86	53	55	73	77	------
19	58.70	58.92	59.74	57.11	57.50	59.53	24.3	22.3	31.4	31.9	28.9	26.2	36.3	22	86	88	53	54	67	85	------
20	59.06	59.60	60.36	57.75	57.48	59.17	22.9	22.4	32.5	33.9	29	26.2	36.1	21.9	83	82	52	50	71	87	------
21	58.50	58.63	59.22	56.22	56.57	57.90	22.7	20.9	30.5	32.5	28	27.1	34.3	20.5	84	91	55	52	77	82	------
22	57.07	58.41	59.49	57.14	56.64	58.11	24.2	23.6	30.4	32	28.4	27.1	32.9	23	91	90	63	58	77	82	------
23	57.29	57.98	58.70	56.12	56.44	59	25	22.6	31.1	32.4	28.5	27.5	35.3	22.5	88	96	64	60	73	76	------
24	58.68	59.50	60.82	58.67	58.50	60.23	26.7	24	30.6	30.5	28	27.5	32.3	23.1	79	83	64	68	73	73	------
25	59.80	60.49	61.73	59.34	58.53	60.13	26.5	24	29.2	29.8	27	27	31.6	23.5	80	82	66	67	82	84	------
26	59.45	59.87	60.77	58.42	58.89	60.74	24.5	23	32.5	31.5	28.7	25.9	34.1	22.5	87	87	54	56	56	62	------
27	60.09	60.77	61.49	58.89	59.33	60.79	23.7	20.9	31.6	30.8	28.3	27.5	35.8	20.2	72	91	48	57	65	75	------
28	60.78	61.60	61.90	59.34	58.69	60.69	24	21.9	31	31.5	28	27.5	33.2	21.5	78	85	57	60	77	84	------
29	60.35	60.94	61.83	58.99	58.95	60.55	25	22.3	32	31.7	28	27.1	33.7	21.9	79	88	55	62	81	87	------
30	59.89	60.47	61.19	58.46	58.58	60.72	24.9	23.5	32.5	35.6	30.1	26.1	37.2	23	92	86	52	44	73	69	------
31	59.91	59.99	61.04	59.04	59.28	60.99	25	22.8	32.2	30.7	28.5	26.9	34.8	22.4	71	83	48	63	76	81	------
Mean	58.98	59.45	60.31	57.77	57.78	59.62	24.5	22.9	30.9	31.9	28	26.6	34.1	22.5	84.2	87	57.1	57.6	75.6	80.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	34.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	SE	NNW	NNW	NW	27.6	48.9	103.8	49.6	229.9	1	------------	Cu.	2	Ci.	Cu.
2	SW	S	SSE	NW	NW	S	46.2	61.5	105.6	54.2	267.5	3	Ci.	S.-Cu.	1	Ci.	Cu.
3	S	SE	SE	NNW	NW	NW	39.7	44	94.8	42.1	220.6	3	------------	S.-Cu. E	1	------------	Cu.
4	SSE	S	SSE	NNW	NW	NW	63.4	58.9	90.4	39.2	251.9	3	------------	S.-Cu.	3	A.-Cu.	Cu.
5	S	S	SSE	NNW	NW	S	45.6	44	97.2	50.5	237.3	10	------------	Fr.-N. ENE	8	A.-Cu.	S.-Cu.
6	SE	SE	SEbyS	NW	NW	Calm	32.8	48.6	86.1	41	208.5	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.
7	SE	SE	ESE	NW	NW	NW	39.4	42.3	96.3	59.2	237.2	4	Ci.	Cu.	7	Ci.-S.	Cu.
8	SE	SE	SE	NNW	NW	NW	36.7	38.3	69.4	51.7	196.1	8	A.-Cu.	S.-Cu.	2	------------	Cu.-N.
9	Calm	Calm	Calm	NNW	NW	NW	19.1	25.5	91.9	68.1	204.6	1	Ci.	Cu.	3	Ci.	Cu.
10	W	SE	SSE	NNW	NNW	S	25.2	52.5	67.3	57.7	202.7	3	Ci.	Cu.	3	Ci.	Cu.
11	S	S	SE	SSE	NNW	W	72.6	75.9	74	75.3	297.8	1	Ci.	Cu.	1	Ci.	Cu.
12	SW	Calm	W	NNW	NW	NW	30.6	37.6	90.4	95.6	254.2	2	Ci.	S.-Cu.	2	Ci.	Cu.
13	N	Calm	NW	NW	NW	NW	43.3	33.5	83.9	100.4	261.1	1	Ci.	Fr.-Cu.	1	------------	Cu.
14	NW	N	NW	NW	NW	NW	68.1	68.1	76.4	53.3	265.9	2	Ci.	S.-Cu.	1	Ci.	Cu.
15	SW	SE	SE	SE	N	SSE	31.9	68.1	68.9	76.1	245	2	Ci.	S.-Cu.	6	Ci.-S.	Cu.
16	SSE	SE	SE	SSE	NW	NW	73.7	77.9	84	59	294.6	0	Ci.	------------	1	------------	Cu.
17	SE	S	SSE	SSE	NNW	NW	58.4	78.3	81.5	48	266.2	0	------------	------------	0	Ci.	Cu.
18	S	SE	SE	NW	NW	NW	38.1	48.1	79.7	45.6	211.5	2	Ci.	Cu.	2	Ci.	Cu.
19	SW	S	SSE	NNW	NW	NW	23.3	54.2	71.6	44.3	193.4	0	Ci.	Cu.	0	------------	Cu.
20	SW	SE	SSE	NW	NW	NW	34.9	54.7	64.4	43.3	197.3	0	Ci.	Cu.	2	Ci.	Cu.
21	Calm	S	SSE	NNW	NW	NW	21.2	40.5	93.6	69.7	225	0	Ci.	------------	1	------------	Cu.
22	NW	Calm	NE	NW	NW	NW	19.8	38	79.9	65.7	203.4	10	------------	S.-Cu.	3	Ci.	Cu.
23	Calm	Calm	SW	NW	NW	NW	18.7	29.6	87.5	75.8	211.6	2	Ci.	------------	2	------------	Cu.
24	NW	SW	S	NW	NW	NW	28.5	43.5	98.8	111.3	282.1	9	A.-Cu.	S.-Cu.	2	------------	Cu.
25	NNW	N	NW	NW	NW	NW	75.3	53.4	122.8	60.7	312.2	8	A.-Cu.	S.-Cu.	3	Ci.	Cu.
26	W	S	SSE	SSW	SE	SE	37.2	55.8	72.6	76.9	242.5	0	------------	Cu.	8	------------	Fr.-N. E
27	SSE	S	SE	NNW	NW	NW	53.3	55.8	67.3	52.3	228.7	1	------------	Cu.	8	A.-Cu. E	S.-Cu.
28	SW	SE	SE	NW	NW	NW	28	45.3	86.7	75.1	235.1	3	Ci.	S.-Cu.	1	Ci.	Cu.
29	S	S	SE	NW	NW	NW	37	34.3	98.5	76.4	246.2	1	Ci.	Cu.	2	Ci.	Cu.
30	SW	SE	SSE	SSE	NE	S	29.8	65.8	80.3	59.2	235.1	1	Ci.	Cu.	5	Ci.	S.-cf. SE
31	SSE	S	SE	NNW	NNW	Calm	57.3	67.9	68.2	26.4	219.8	1	Ci.	Cu.	8	A.-Cu.	S.-Cu. SE
Mean	------	------	------	------	------	------	40.5	51.3	85	61.4	238.2	2.7	------------	------------	3.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,385	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.88	59.93	60.88	58.17	57.94	60.03	26	24	32.5	32.3	28.5	26.6	35.9	23.6	76	83	54	59	78	86	------
2	58.98	59.75	60.63	57.67	57.40	58.87	22.7	21	30.5	32.1	27.9	27.2	34.2	20.5	84	84	54	50	82	80	------
3	58.31	59	59.92	57.44	57.43	59.27	23.9	23	31	30.9	27.9	27.1	34.5	22.6	82	84	59	64	74	79	------
4	59.18	59.29	60.33	57.85	58.03	60.15	25	22.2	31.6	34.1	29	27.1	36.3	22	75	87	53	52	75	83	------
5	59.45	59.56	60.35	57.54	57.43	59.59	24.8	22.9	31.2	33.5	28.6	27.4	34.7	22.5	74	82	55	48	66	76	------
6	58.83	59.01	59.87	56.71	57.05	58.48	24.8	22.8	30.5	34.5	28.3	27.3	35.5	22.5	80	83	58	45	74	78	------
7	57.96	57.98	59	57.02	57.35	59.13	24.5	22	31.5	32	28.2	27.5	34.3	21.6	87	90	56	58	75	78	------
8	58.44	58.51	59.43	57.14	57.25	59.60	25.8	23.9	31.5	32.1	29	28	33.5	23.5	84	89	56	58	68	73	------
9	58.92	59.03	59.67	56.98	57.50	59.93	25.3	23	32.5	33.5	28.6	27.1	36.3	22.6	88	90	54	56	77	84	------
10	58.80	59.10	59.75	57.01	57.62	59.14	24.5	23.5	32	33.5	28.5	27.9	35.9	23	75	76	50	48	70	78	------
11	58.26	58.91	59.48	57.06	57.54	59.19	27	24	32	33	28	27.6	34.8	23.5	83	84	57	47	81	82	------
12	58.63	59.08	59.41	57.22	58.07	59.85	26.5	24.5	33.6	32.1	28.7	28	35.8	24	83	95	50	62	72	81	------
13	58.84	59.21	59.71	57.01	57.49	59.69	24.9	24.5	33.8	33	29	27	36.4	24.3	92	82	53	59	77	80	------
14	58.69	59.10	60.13	56.97	57.07	59.80	25.5	24.8	33.6	36	29	25	37.8	23.5	83	83	55	50	81	92	20.6
15	58.68	58.71	59.35	56.77	57.12	59.21	24.5	24	31.1	31.5	29	25.5	32.5	24	94	96	71	69	74	83	------
16	57.57	58.11	59.10	56.58	57.23	59.38	24	23.4	30.8	31.4	28.7	25.4	32.4	23	89	92	65	67	79	84	------
17	58.34	58.55	59.26	56.43	56.94	59.89	24.5	24.5	32.7	37	29	23	37.8	22.2	88	88	61	43	78	96	81.3
18	59.06	59.57	60.40	58.34	58.75	60.15	23.5	23.5	30.3	26.5	27	25	34.3	23	95	95	72	83	83	91	.8
19	58.83	58.89	59.98	58.72	58.14	59.81	24.5	23.8	29.8	28	26.5	24.6	31.1	23.5	91	91	69	81	89	86	------
20	58.90	59.68	60.60	57.49	58.58	60.11	23.9	22.9	31.2	34.8	27	24.1	36.2	22.5	87	93	61	50	73	86	------
21	59.40	59.47	60.02	57.42	57.55	59.82	23.2	23.1	32.1	35.5	31	27	36.8	22.6	93	94	60	46	67	80	------
22	59.16	59.18	59.83	57.69	57.65	59.38	25	24	32.1	36	29.5	28	37.2	23.5	88	83	53	44	77	80	------
23	58.66	58.75	59.06	56.44	56.15	57.73	25	24	33	35.6	31.9	26.8	36.8	23.5	80	82	50	39	53	67	------
24	57.42	57.21	57.88	55.95	56.37	58.30	25.5	24.1	33.1	36.4	29.9	26.5	37	23.6	71	78	47	39	71	70	------
25	57.51	57.61	58.01	55.99	56.79	58.74	25	24.6	34	36.4	29.5	26.5	37.5	23.1	78	79	48	44	75	69	------
26	57.96	58.10	58.87	56.43	57.36	58.82	25	24	33.5	36.1	30.5	26.5	37.2	23.1	74	79	40	40	68	73	------
27	57.61	58.49	59.08	57.17	57.20	58.65	24	23	31.7	32.5	30.2	27	33.8	22.5	81	86	58	60	63	65	------
28	57.81	57.91	58.41	56.50	56.70	58.50	25.1	24	33.1	33	30.1	27	36.3	22.9	74	79	46	55	68	65	------
29	57.74	58.35	58.37	55.56	56.19	57.69	25.5	22.9	34.1	32.1	29.7	28.9	37.3	22.2	72	84	43	58	75	79	46.7
30	57.19	58.04	58	55.47	55.44	57.24	24	23.5	32.4	35	28.8	28.5	35.9	23	93	90	58	46	75	77	------
Mean	58.50	58.80	59.49	57.02	57.31	59.20	24.8	23.5	32.1	33.3	28.9	26.7	35.5	22.9	83.1	86	55.5	54	74.1	79.4	----
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	----	----	----	----	----	----	149.4

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	SE	SE	NW	NW	S	36	63.8	85.6	49.7	235.1	6	Ci.	S.-Cu.	3	Ci.	Cu.
2	S	S	SE	NW	NW	NW	33	48.3	93.5	97.7	272.5	1	Ci.	Cu.	3	A.-Cu.	Cu.
3	NE	E	SE	NNW	NW	NW	39.7	43.1	105.7	84	272.5	8	------------	S.-Cu. SE	7	Ci.-S.	Cu.
4	SE	SE	SE	NW	NW	NW	47	55.8	71.9	61.5	236.2	3	Ci.	Cu.	3	Ci.	Cu.
5	S	S	SSE	NW	NW	NW	33.8	58.5	76.9	61.7	230.9	4	Ci.	Cu.	4	Ci.	Cu.
6	NW	SE	SE	SE	NW	W	30.3	61.8	72.7	60.2	225	7	Ci.	Cu.	10	Ci.-S.	Cu.
7	Calm	S	SE	NNW	NNW	NW	23.8	49.7	93.3	70.5	237.3	7	Ci.	Cu.	3	Ci.	Cu.
8	NW	NW	NW	NW	NW	NW	14.2	33.8	92.7	75.8	216.5	0	Ci.	------------	1	------------	Cu.
9	Calm	SE	SSE	NW	NW	Calm	26.9	58.5	83.4	49.1	217.9	2	Ci.	S.-Cu.	3	Ci.	Cu. SE
10	S	S	SSE	NW	NW	NW	42.3	53.4	81.6	82.9	260.2	2	Ci.	S.-Cu.	2	------------	Cu.
11	NW	E	SE	NNW	NW	NW	41.5	48.3	108.4	86.7	284.9	6	------------	S.-Cu.	3	A.-Cu.	Cu.
12	SE	SE	SE	NNW	NW	NW	41.6	45.1	111.6	83.7	282	1	------------	Cu.	3	------------	Cu. SSE
13	N	SE	SE	N	NW	SW	40.2	64.4	84.7	56.9	246.2	1	Ci.	Cu.	4	------------	Cu.
14	S	SE	SE	NW	NNW	SE	46.1	77.2	89.1	56.8	269.2	2	Ci.	Cu.	5	A.-Cu.	S.-cf. SE
15	Calm	SE	N	NW	NW	SE	20.1	42.8	96	52.8	211.7	8	------------	S.-Cu.	3	Ci.	Cu.-N.
16	E	E	ESE	NNW	NW	E	17.9	41	104.6	55.2	218.7	2	A.-Cu.	S.-Cu.	3	Ci.	Cu.
17	Calm	E	SE	SSE	NE	NNW	21.4	62.5	83.4	58.4	225.7	2	------------	S.-Cu.	6	Ci.-S.	Cu.-N.
18	Calm	E	SSE	SW	SE	SE	21.7	53.1	58.4	40.5	173.7	10	A.-Cu.	S.-Cu.	10	------------	N.
19	SE	SE	SE	NW	SE	S	42	52.6	70.3	68.1	233	8	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N.
20	SE	SE	SE	S	SE	S	41.3	62.2	67.4	33.8	204.7	1	Ci.	Cu.	4	Ci.	Cu.
21	S	SE	SSE	SSE	NW	S	29.8	72.2	73	44.6	219.6	2	Ci.	Cu.	4	Ci.	Cu.
22	SE	SE	SE	SSE	NW	Calm	45.3	78.3	70.8	53.4	247.8	1	Ci.	Cu.	2	------------	Cu.
23	SW	Calm	SE	SSE	S	SSE	34.6	71.4	101.1	76.6	283.7	2	------------	S.-Cu.	2	Ci.	Cu.
24	S	SE	ESE	SE	NW	SSE	64.7	96.3	84	47.8	292.8	0	------------	Cu.	6	A.-Cu.	Cu.
25	SE	S	SE	NNW	N	SE	49.3	72.6	77.5	47.7	247.1	0	------------	Cu.	6	A.-Cu. SSE	Cu.
26	S	S	SE	SE	N	SW	66	90.6	83.1	38.1	277.8	0	------------	Cu.	7	A.-cu. ESE	Cu.
27	S	NE	N	NbyW	NNW	SSE	38	49.6	75.3	56.9	219.8	0	------------	Cu.	2	Ci.	Cu.
28	S	SE	SE	NW	N	S	35.2	68.2	80.8	52.1	236.3	2	Ci.	Cu.	2	------------	Cu.
29	SSE	SE	SSE	NNW	NW	NW	36.8	61.8	84.5	59.8	242.9	0	------------	------------	4	------------	Cu.
30	SE	SE	SEbyS	NNW	NW	NW	25.1	66	71.3	74.6	237	1	------------	S.-Cu.	2	Ci.	Cu.
Mean	------	------	------	------	------	------	36.2	60.1	84.4	61.3	242	3	------------	------------	4.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,258.7	----	------------	------------	----	------------	------------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.30	57.28	57.65	55.73	55.97	57.70	25.9	24.5	33	32.5	29.1	26.6	35.3	24.1	79	83	54	55	74	82	------
2	57.07	57.23	57.72	55.89	56.18	59.08	24.5	24.4	33	34.6	29.5	25	37.3	23.6	87	87	55	53	71	92	4.1
3	58.07	58.28	59.18	57.38	57.09	59.63	25.2	24	32.5	32.5	29.5	27.1	35	23.5	86	91	55	52	70	79	------
4	58.05	57.83	58.68	56.37	56.03	53.49	25	24	32.5	34.1	30	26.2	35.2	23.5	87	91	55	50	73	83	.3
5	57.05	57.01	57.70	55.08	55.71	57.62	24.9	24	32.6	34	29.5	27.5	36.5	23.6	87	93	54	54	69	82	------
6	55.80	55.91	57.57	55.83	55.89	56.89	25.3	25	30.1	31.5	29.5	28.1	33.3	24.5	85	84	71	64	71	80	------
7	55.24	55.01	56.10	54.48	54.70	56.55	25.9	24.9	31.5	32.9	28.9	27.5	35.4	24.5	78	83	59	52	67	69	------
8	54.77	54.57	55.27	54.87	54.15	55.81	26	27	29.5	25.9	25.2	25	30.8	24.5	76	72	66	88	93	91	29.7
9	54.12	53.64	55.68	54.68	54.76	56.34	24.7	24.7	25.1	25.4	25	24.5	26.7	23.8	91	94	94	92	91	93	17.5
10	56.01	56.16	57.36	55.90	56.46	57.62	24	24	29	27.9	27	26	31.1	23	92	96	83	85	86	91	5.4
11	56.72	57.40	58.52	56.48	57.40	59.15	25	24.9	32	32.5	26.4	25.5	33.9	24.5	95	92	69	66	92	93	34.5
12	58.30	58.58	59.08	57.44	57.70	59.39	24.9	24.7	31.6	32.5	30.5	27.7	35.3	24	92	94	72	69	63	79	------
13	58.09	58.62	59.49	57.13	57.18	58.08	25.8	24.9	31.2	32.5	29.5	27.9	33.7	24.1	90	92	67	58	78	81	------
14	56.95	57.87	58.68	56.44	56.28	57.73	25.2	24.1	31	32.1	30.1	28	33.3	23.6	94	94	69	63	75	80	------
15	56.15	57.81	59.29	56.84	56.99	58.83	25	24.1	30.8	33	30.5	28.4	34.3	23.5	88	94	69	60	70	75	------
16	57.90	58.34	59.34	57.83	58.44	60.29	27.5	25.5	31	32.5	29.5	28.5	33.4	24.8	84	91	65	60	74	80	------
17	58.87	59.54	59.58	57.67	58.68	60.85	27.5	25	32	33	29.2	24	34.1	23.5	87	95	64	55	79	91	4.4
18	59.48	59.16	59.85	57.60	58.26	60.74	23.9	23	32	35.5	30	24.1	36.5	22.5	91	95	63	52	67	91	.5
19	59.25	59.18	59.53	57.77	58.06	59.23	24	23.8	31.9	35.6	30	29	37.2	23	86	90	60	46	71	81	------
20	58.64	58.80	59.78	57.48	58.95	59.53	26	25	33.1	36.4	27.5	24.1	37	23.5	92	88	60	50	68	90	1
21	58.29	58.05	59.07	57.86	57.87	58.68	24	23.6	32	33	29.6	28.5	35.8	22.6	91	90	63	60	74	77	------
22	58.10	58.47	58.69	56.81	57.02	58.21	25	24.5	32.8	33.5	30	27.5	36.6	23.5	83	82	58	58	69	83	------
23	57.55	57.93	58.04	55.79	56.64	58.13	25.1	25	32.8	34.8	26	23.3	36.7	23	83	83	58	55	91	93	42.4
24	56.80	56.98	57.65	55.91	56.68	58	23.8	23.7	32	35.3	27.7	26.4	36.5	23.1	93	93	64	52	79	89	------
25	57.45	58.02	58.79	56.61	57.48	59.30	24.8	24.1	32.8	36	26.6	25.6	37.2	23.5	92	94	61	50	86	90	3
26	58.45	58.56	59.27	57.06	59.03	60.66	25	24.9	32.5	33.7	25.2	24	35	23.5	91	92	65	61	90	95	32.8
27	58.58	59.05	59.77	57.24	59.23	59.60	23.6	23.9	30.5	32.5	23.9	23.5	34.3	21.6	95	95	71	66	91	96	80.5
28	57.87	57.89	58.15	55.90	56.78	58.55	23	23	30.7	34.6	27.4	26	35.5	22.4	97	96	69	61	80	88	------
29	57.37	57.42	57.88	56.39	56.73	58.88	24.8	23.6	32	35	30	25.5	36.1	23	92	94	64	56	75	92	73.2
30	58.65	58.71	58.84	57.13	57.28	59.90	25.5	25	32	35.2	31	28	36.3	24.5	92	95	66	55	71	81	------
31	58.69	59.09	59.37	57.02	56.91	58.82	25.5	24.3	31	35.9	31.8	27.6	37	23.5	79	87	68	50	64	76	------
Mean	57.44	57.69	58.44	56.54	56.98	58.65	25	24.4	31.5	33.1	28.6	26.3	34.9	23.5	88.2	90.3	64.9	59.6	76.5	85.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	329.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	E	SE	SE	NW	NW	E	41.8	49.9	95.3	71.9	258.9	2	Ci.	S.-Cu.	2	A.-Cu.	Cu.
2	S	S	SSE	SE	NW	SW	46.2	68.4	80	55.8	250.4	3	A.-Cu.	S.-Cu.	2	------------	Cu.
3	SE	SE	SE	NNW	NW	S	27.6	47.3	87.5	56.3	218.7	3	Ci.	S.-Cu.	2	------------	Cu.
4	S	SE	SSE	NW	NW	SE	38.4	47.5	85.6	66.8	238.3	0	Ci.	Cu.	2	Ci.	Cu.
5	SE	SE	SE	NW	NW	NW	33.5	54.2	75.6	51.8	215.1	3	Ci.	S.-Cu.	3	A.-Cu.	Cu.
6	SE	E	NE	N	N	Calm	45.3	35.2	50.2	28.4	159.1	9	Ci.-S.	S.-Cu.	10	A.-Cu. E	S.-Cu.
7	N	S	SE	SE	SE	SE	39.4	74	132.8	91.1	337.3	10	A.-Cu.	S.-Cu. E	9	A.-Cu. ESE	S.-Cu.
8	SE	SE	SE	SE	SE	SE	100.4	109.7	94.6	129.8	434.5	10	A.-S.	S.-Cu. SSE	10	A.-S.	Fr.-N. SSE
9	SE	SE	SE	S	SE	SE	128.7	103.2	56	44.3	332.2	10	------------	N. SSE	10	------------	N. SSW
10	SE	SE	S	NNW	NW	Calm	23.6	30.8	64.4	38.8	157.6	10	A.-Cu. W	N.	10	------------	Fr.-N. WSW
11	W	W	S	W	SW	Calm	19.5	52.9	52.1	27.7	152.2	4	A.-Cu.	S.-Cu.	8	A.-Cu.	Fr.-N.
12	SE	SE	SE	NW	W	NW	35.4	58.4	63	33.3	190.1	10	------------	Fr.-N.	7	------------	S.-Cu. S
13	W	S	SE	N	NNW	NW	30	41.3	78.9	56.3	206.5	0	Ci.	Cu.	1	Ci.	Cu.
14	Calm	Calm	NW	NNW	NNW	NW	14.5	43.5	81	53.3	192.3	1	Ci.	Cu.	1	Ci.	Cu.
15	NW	Calm	NNW	N	NW	NW	26.4	32.4	81.8	58.7	199.3	1	A.-Cu.	S.-Cu.	1	Ci.	Cu.
16	NW	NW	NW	NNW	NNW	NW	45.6	40.7	105.2	73.8	265.3	1	Ci.	Cu.	2	Ci.	Cu.
17	NW	NE	E	NW	NW	S	33.2	48.5	82.7	50.5	214.9	3	Ci.	S.-Cu.	2	------------	Cu.
18	SSE	S	SE	SSW	NW	S	27.9	51.2	------	------	------	3	A.-Cu.	S.-Cu.	3	Ci.	Cu.
19	SE	SE	SE	SE	NNW	NW	24.6	75.8	83.2	54.7	238.3	3	Ci.	Cu.	2	Ci.	Cu.
20	Calm	NW	SSE	SE	E	SW	23.9	48.1	72.9	35.1	180	3	A.-Cu.	Cu.	3	Ci.	Cu.
21	SE	SE	SE	NW	NW	NW	33.2	50.5	76.2	72.4	232.3	1	Ci.	Cu.	7	Ci.	Cu.-N.
22	E	SE	SE	NW	N	Calm	44.3	57.3	69	45.9	216.5	1	Ci.	Cu.	3	Ci.	Cu.
23	S	SE	SSE	NW	WSW	SW	41	45.9	68.9	47.5	203.3	4	Ci.	Cu.	7	Ci.	Cu.-N. E
24	Calm	S	SE	S	NNW	NE	22.3	63.1	81.5	35.1	202	8	Ci.-S.	Cu.	5	Ci.-S. SW	Cu.-N.
25	E	SE	SSE	SSE	E	S	28.4	56.5	65	40.4	190.3	3	Ci.	S.-Cu.	2	Ci.	Cu.-N.
26	S	Calm	SE	NW	SE	Calm	29.8	54.7	82.1	41.5	208.1	8	Ci.	Cu.	7	Ci.-S.	Cu.
27	S	Calm	SE	NW	SE	SE	29.2	26.8	75.8	34.1	165.9	9	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu.-N.
28	SE	SE	SE	S	E	SE	41.3	73.2	63.6	24.9	203	7	Ci.-Cu.	Cu.	3	Ci.	Cu.-N.
29	SE	SE	SE	SSE	NW	N	30.6	73.7	74.6	57.9	236.8	1	Ci.	Cu.	2	Ci.	Cu.
30	NW	SW	SE	S	N	N	28.5	61.4	63.6	41.6	195.1	1	Ci.	Cu.	2	Ci.	Cu.
31	SE	Calm	ESE	SSE	ENE	S	45.9	52.3	68.2	51.3	217.7	8	Ci.-S. SE	Cu.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	38.1	55.8	77	52.4	223.7	4.5	------------	------------	4.5	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.11	58.41	58.67	56.43	56.26	58.62	26	25.5	32.5	36.1	32.1	27.9	37	25	82	83	59	49	68	72	------
2	57.80	57.91	58.13	56.66	57.02	58.31	26	24.5	33	36.2	30.5	29.2	37.4	23.5	76	85	58	48	69	82	------
3	57.68	57.66	57.98	55.80	55.72	56.89	26	25.5	32.9	33.6	30.5	29.2	36.5	25	88	91	61	61	75	81	------
4	56.02	56.44	57.29	55.61	56.40	57.79	26.5	25.7	33.8	30.1	29.5	26.1	36.3	24.2	84	89	62	75	81	90	0.8
5	56.47	56.25	56.60	54	54.58	57.39	24	24	32.5	36.1	30.4	24.6	36.9	23.1	91	95	63	54	78	91	9.1
6	56.02	56.36	57.22	56.04	56.38	57.66	24.2	24.6	31.5	31.6	24.6	24.1	34.6	23.5	94	90	66	66	90	93	.5
7	56.77	57.26	57.60	55.91	55.99	57.78	23.9	24	32.4	33.3	29	27	34.9	23	91	91	63	56	75	87	------
8	57.16	57.08	57.82	55.66	56.97	58.50	25	25.1	31.5	34.6	25.4	25.1	36.6	24	87	84	63	52	84	94	14.7
9	57.81	57.93	58.02	55.95	57.36	58.94	24.5	24.9	31.5	35.2	27.6	25.1	36.2	24	95	92	64	53	76	93	2
10	58.25	58.08	58	56.56	57.71	59.56	24.6	24.5	31.4	31.8	26.5	26.5	35.8	24.3	95	95	66	66	83	87	11.2
11	58.47	58	58.54	56.28	56.34	58.14	25	24.8	31	34.4	30.6	28.9	35.8	24.1	91	92	68	56	70	78	23.9
12	57.38	58.02	57.73	56.06	56.17	58.39	26	25.5	31.1	34.6	31.4	27.9	35.8	24.8	91	91	69	54	63	76	------
13	57.71	58.05	57.79	56.15	56.77	58.80	26	25.1	31.8	35.5	30.1	26	36.4	24.6	83	88	64	51	73	83	------
14	57.87	57.70	57.24	56.01	56.35	58.88	25	25.1	32.2	35	28.5	27	36.6	24.4	88	90	60	52	70	83	1
15	57.90	57.72	57.57	55.72	56.51	58.65	25.5	25	31.4	35.4	27	27	36.3	24.9	88	90	66	51	85	90	13.2
16	57.72	57.35	57.72	55.88	56.38	57.99	25.5	25	31.4	34.1	30	28	35.6	24.5	95	95	67	55	75	77	------
17	57.59	57.57	57.90	56.23	56.90	59.20	26.1	25.6	32.6	32.9	29.7	27.4	36.5	24.6	90	87	68	67	72	86	6.9
18	58.84	58.61	58.78	57.21	58.02	60.80	25.5	25	31	35.5	27	23.8	36.6	23.5	92	88	65	54	87	91	13.2
19	59.91	60.41	60.59	58.68	58.83	59.65	24	23.9	31.5	33	29	27.1	35.3	23.1	93	95	66	64	77	87	------
20	59.68	59.96	60.29	58.28	58.48	59.69	25	24.5	31.6	32	29.5	28.5	33.7	23.9	88	91	65	63	72	80	------
21	58.48	58.76	59.13	57.50	57.17	58.81	26.9	25	31.9	33.1	30.6	28.9	35.3	24.5	88	91	67	60	72	76	------
22	58.10	58.16	58.68	57.58	57.98	59.61	27.5	26	32.4	32	31.4	28.9	34.1	25	83	91	60	69	66	77	------
23	58.64	59.19	59.49	57.92	57.78	59.27	26	25.5	31.8	33.3	31	27.6	34.8	24.6	88	91	64	56	68	79	------
24	58.64	59.18	59.42	57.48	58.38	59.93	24.9	23.9	31.9	33.4	29.1	27	34.3	23.2	81	89	63	61	80	84	------
25	58.95	59.14	59.70	57.92	58.55	59.69	24	23.9	31.5	34.8	26.6	27.2	36.5	23	91	89	65	52	83	87	.3
26	59.53	59.25	59.58	57.16	57.76	59.56	25.1	24.1	32.5	35	30.5	24.1	36.4	23.5	90	92	58	49	71	94	32
27	58.66	58.51	58.59	57.11	58.24	59.79	24	24	32	33.3	28	24.2	34.7	23.2	95	92	66	62	80	93	2.9
28	58.51	59.49	59.84	57.98	58.88	61.18	23.1	23.3	30.6	31.5	27.4	24	35.1	22.6	95	97	70	62	84	93	56.9
29	59.95	59.85	59.99	58.45	59.18	60.53	23.5	23.4	30.4	30.6	27	26	33.8	23	95	96	72	77	81	87	------
30	58.71	58.61	59.40	56.63	57.39	59.09	25.2	24	30.5	32.9	29.9	29	34.2	23.5	87	95	65	53	68	74	------
Mean	58.11	58.23	58.51	56.70	57.22	58.97	25.2	24.7	31.8	33.7	29	26.8	35.7	23.9	89.2	90.8	64.4	58.3	75.9	84.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	188.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	S	ENE	S	42.1	74.8	74.6	39.6	231.1	1	Ci.	Cu.	1	Ci.	Cu.
2	S	SE	SSE	S	NW	NW	38.8	54.7	60.7	70.2	224.4	5	Ci.-S.	Cu.	1	------	Cu.
3	E	E	SE	NNW	NW	NW	24.6	48.8	79.4	73.5	226.3	1	Ci.	Cu.	1	Ci.	Cu.
4	SE	S	SSE	WNW	WNW	SE	45.7	50.2	83.2	49.7	228.8	5	A.-Cu.	S.-Cu.	8	Ci.	N.
5	SSE	SE	SSE	SE	WSW	Calm	41.3	63.9	72.6	40.4	218.2	9	Ci.-S.	Cu.	3	Ci.	Cu.-N.
6	S	SE	SE	WSW	SE	SE	44.8	65	76.2	41.2	227.2	9	A.-Cu.	S.-Cu.	10	Ci.	Fr.-N.
7	SE	S	SSE	SE	WSW	S	41.2	64.4	61.7	26.9	194.2	9	A.-Cu.	S.-Cu.	9	Ci.	N.
8	Calm	SE	SSE	SE	NE	SSE	32.4	76.4	78.4	38.8	226	8	A.-Cu.	Cu.	3	Ci.	Cu.-N.
9	SE	SE	SSE	SSE	ESE	SE	42	79.7	72.4	38.6	232.7	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu. SW
10	SE	SE	SE	WNW	NE	NW	48.9	70.2	64.6	50.1	233.8	9	Ci.-S.	S.-Cu.	9	A.-S.	Fr.-N.
11	W	SE	SSE	SE	Calm	NW	55.2	81	70.6	43.3	250.1	10	A.-S.	Fr.-N. SSE	4	Ci.	Cu.
12	Calm	W	SSE	SSE	SE	Calm	14.5	99.3	82.6	28	224.4	9	Ci.-S.	Cu.	7	Ci.	Cu.
13	SE	SE	SE	SSE	SW	E	37.5	94.4	77.9	44.5	254.3	9	Ci.-S.	S.-Cu.	6	Ci.	Cu.-N.
14	SE	SE	SE	SSE	S	SE	47.5	99.8	83.7	30.4	261.4	3	Ci.	Cu.	9	Ci.-S.	Cu.
15	SE	SE	SE	SE	N	Calm	47.7	87.2	71.6	24.6	231.1	10	A.-S.	S.-Cu.	8	Ci.-Cu. SE	Cu. E
16	E	SE	SE	SE	W	SW	32.2	71	70	24.6	197.8	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
17	SE	SE	S	W	SW	SW	47	52.9	74.2	48.1	222.2	9	A.-Cu. SSE	S.-Cu.	4	------	Cu.-N.
18	S	SE	SE	SSE	NNW	ESE	38.6	82.4	75	66.5	262.5	9	Ci.-S.	Cu.	4	Ci.	Cu.-N.
19	Calm	SSE	SE	W	N	NNE	35.9	44.3	68.7	38.6	187.5	2	Ci.	Cu.	5	Ci.	N.
20	SE	SE	ESE	NW	SW	N	37	40.7	71.9	59.3	208.9	1	Ci.	Cu.	3	Ci.	Cu.-N.
21	WNW	SE	SSE	NW	NW	NW	33.6	51.5	75.9	76.9	237.9	9	Ci.-S.	S.-Cu.	5	Ci.	Cu.-N.
22	W	Calm	Calm	NNW	NW	NW	30.1	30.8	88.8	60.9	210.6	3	Ci.-Cu.	Cu.	4	Ci.	Cu.-N.
23	WSW	SE	SW	NW	N	SE	31.9	38.1	60.7	45.3	176	2	Ci.	Cu.	5	Ci.	Fr.-N.
24	SE	SE	SE	NW	NW	E	35.1	41	81.8	57.9	215.8	1	Ci.	Cu.	3	Ci.	Cu.-N.
25	E	SE	SSE	ESE	NE	Calm	30.6	41.2	58.4	28.2	158.4	9	A.-S.	Cu.	9	Ci.-S.	Cu.
26	NE	SE	SE	S	NNW	Calm	29.6	67	61.8	44.5	202.9	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
27	SW	SW	S	NW	SSW	SE	20.6	40.5	73.2	49.3	183.6	2	Ci.	Cu.	7	Ci.	Cu.-N.
28	SE	SE	SE	WNW	Calm	E	39.2	61	85.6	53.7	239.5	10	Ci.-S.	S.	4	Ci.	Cu.-N.
29	SE	SE	ESE	S	Calm	NW	42.1	58.1	49.3	49.7	199.2	10	Ci.-S.	S. SE	10	A.-Cu.	N.
30	N	SW	Calm	NW	NW	NW	30	36.5	65.8	86.3	218.6	8	Ci.-S.	Cu.	5	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	37.3	62.2	72.4	47.7	219.5	6.7	------	------	5.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,585.4	------	------	------	------	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.48	57.85	58.28	56.58	57.20	59.09	27.5	25.1	32.5	35.1	29.5	29	36.3	24.5	81	92	66	53	75	74	------
2	58.21	58.52	59.31	58.07	58.52	58.93	25.8	24.5	32.5	32.2	30	28	35.7	24	88	88	66	63	67	80	------
3	58.65	59.40	59.59	57.51	57.91	59.21	25.3	24.5	32	32.7	30.2	26.1	34.3	23.9	89	91	66	59	70	85	------
4	58.80	58.37	58.59	56.96	56.79	58.35	25	24.4	32.4	35.6	29.2	28.9	37.3	23.5	84	91	66	54	72	78	------
5	57.55	57.80	58.38	56.47	56.32	57.70	25.8	25.2	33	32.5	28.5	25.2	35.8	24.8	85	92	63	68	80	89	7.9
6	56.79	57.31	57.48	56.11	56.87	58.35	25.1	25.1	31.6	35.4	27.8	26.5	36.6	24.5	87	90	67	54	84	94	.8
7	57.64	57.25	56.85	55.81	56.58	58.88	25	24.4	32	35.7	26	26.1	37.2	24.1	95	95	65	49	89	82	25.4
8	58.23	57.46	57.04	55.96	56.63	58.16	25.6	24.9	32.4	33	29.5	28	35.8	24	94	92	66	66	77	82	------
9	57.48	57.50	57.45	55.93	55.78	57.37	27.5	25.9	31	32	29.1	28.5	32.9	25.5	84	92	71	66	76	78	------
10	56.83	56.89	57.63	55.33	55.73	57.35	25.5	25	30.9	31.1	28	26.8	34.6	24.5	91	93	72	74	80	87	------
11	56.58	56.72	56.94	55.45	55.98	58.55	26.5	24.7	30.5	31.5	28.5	25	33.6	24.2	87	94	73	74	78	91	2.5
12	57.21	57.63	57.90	56.52	57.83	58.99	25	24.4	30.6	32	25.5	24.9	33.1	24	91	94	71	64	91	92	5.6
13	58.05	58.02	57.99	56.45	57.76	58.10	24.3	24	30.9	32.2	23.5	24.2	33.3	23	94	95	69	64	96	88	26.4
14	56.45	56.07	56.40	54.82	54.07	54.75	23.3	23	29.6	31	29	28.5	32.3	22.6	96	95	74	71	76	77	------
15	53.55	53	52.70	51.15	50.85	51.92	26.6	25.1	30.5	31	27	25.5	32.7	24.6	87	94	77	72	83	95	3.6
16	51.35	51.19	51.56	50.20	51.14	52.82	25	25.2	27.2	28.2	26	24.9	31.6	24.2	95	93	94	84	93	92	24.7
17	52.78	52.84	53.50	52.79	52.65	54.18	25	24.8	29.5	31.5	28.6	26.3	31.9	24.4	92	92	74	63	73	86	------
18	53.60	53.80	54.91	53.17	53.02	55	25	24.5	26.5	29.1	28.5	26.5	31.2	24	91	91	89	73	78	87	4.1
19	54.10	53.51	54.28	53.50	53.40	55.02	25.1	24.8	28.7	28.9	28	25.5	29.9	24.5	95	93	83	80	84	95	38.9
20	54.72	55.16	55.97	55.63	55.08	56.77	25.5	24.5	24.9	24	24	24	25.9	23.5	95	95	95	95	97	97	61.5
21	55.53	55.13	55.96	55.10	54.93	56.33	24	23.8	27.5	26.5	25.5	24.1	29.1	23.5	95	97	82	91	87	95	12.5
22	54.82	54.77	55.46	53.38	53.36	54.10	24	24	26.2	29.4	25.6	24.6	31.4	23.5	95	95	90	74	89	94	6.9
23	53.18	53.01	52.87	51.48	51.30	52.82	24	24	29.6	26.1	26.6	24.5	32.8	23.1	95	95	77	90	84	95	27.2
24	51.83	51.74	52.84	51.99	51.65	53.62	24	24	26.1	25.6	26.5	25.2	29.9	23.6	94	94	93	91	90	93	23.6
25	52.74	53.53	54.68	54.48	53.78	56.29	24.6	24.6	27.5	25.6	26	25.1	29.1	23.5	95	95	91	92	91	95	16
26	55.77	56.22	56.49	55.63	56	57.47	24.5	24.5	27.5	31.5	25.4	25	32.8	23.4	95	95	84	72	91	94	6.4
27	56.15	56.30	56.69	54.85	55.24	56.10	24.8	24.6	30.1	30	25.9	24.5	33.3	23.5	95	95	75	74	84	95	16.6
28	54.82	53.78	53.89	52.57	50.82	50.67	24.1	24.1	27.6	25	25	25	28.9	23.1	97	95	81	95	96	95	79.2
29	48.44	48	47.32	46.36	47.16	50.36	25	24.5	24	24.2	25.4	23.5	26.2	22	92	95	95	93	84	90	176.4
30	50.46	51.06	52.73	52.27	52.51	54.42	23.1	23.2	25.5	27	26	25.3	27.7	22	98	97	92	87	93	95	26.5
31	53.97	54.34	56.12	54.89	54.56	56.18	25.1	25	27	27.5	27.1	25.5	28.9	23.6	97	95	91	85	83	95	16
Mean	55.28	55.30	55.74	54.43	54.56	56.06	25.1	24.5	29.3	30.1	27.1	25.8	32.3	23.8	91.9	93.5	78	73.9	83.6	89.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	608.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NE	SSE	SE	NW	NW	44.9	56.1	73.4	60.2	234.6	9	Ci.	S.-Cu.	2	Ci.	Cu.-N.
2	NE	E	SSE	SE	Calm	NW	27.9	71.1	55.5	38.1	192.6	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
3	NNE	SE	SE	NNW	NW	SE	26.6	42.4	70.8	41.3	181.1	1	Ci.	Cu.	6	Ci.-S.	Cu.
4	E	SE	SE	S	NW	NW	29.8	42	64.6	45.3	181.7	1	Ci.	Cu.	9	Ci.-S.	Cu.
5	NE	NE	SE	NW	NW	SE	33.6	52	58.4	44.5	188.5	8	Ci.-S.	Cu.	8	------------	Fr.-N.
6	SE	SE	SE	SSE	NW	E	30.8	85.8	85	32.2	233.8	10	------------	S.-Cu. E	6	Ci.-S.	Cu.-N.
7	Calm	SE	SSE	SSE	WSW	NW	22.8	74	75.3	51.8	223.9	0	Ci.	Cu.	3	Ci.	Cu.
8	NW	NW	SE	NW	NW	NW	21.9	60.6	78.6	76.2	237.3	4	Ci.	Cu.	3	------------	Cu.-N.
9	Calm	NW	NW	NNW	NW	NW	25.1	34.9	83.7	51	194.7	8	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
10	SE	E	SSW	W	WSW	NW	36.8	48.5	78.6	70.8	234.7	9	Ci.-S.	S.-Cu.	6	Ci.	Cu.-N.
11	NW	S	S	NW	SW	Calm	24.7	42.4	75.8	38.8	181.7	7	A.-Cu.	S.-Cu.	9	Ci.-S.	Fr.-N.
12	Calm	SE	SE	WSW	E	SE	19.5	39.7	72.1	35.1	166.4	4	Ci.	S.-Cu.	4	Ci.	Cu.-N.
13	SE	E	SSW	NW	ESE	S	30.1	37.8	81.6	24.6	174.1	9	Ci.-S.	Cu.	6	Ci.	Cu.-N.
14	SE	SE	S	NW	NW	NW	22.5	35.4	94.3	80.2	232.4	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
15	N	E	NW	NNW	E	SE	36.5	34	66.2	34.6	171.3	10	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N. E
16	Calm	Calm	SE	SW	E	SE	14.2	22.3	48.1	57.1	141.7	8	A.-Cu. E	S.-Cu.	10	------------	N. N
17	SE	SE	E	NNW	wbyN	SW	35.2	41.6	49.9	37.5	164.2	10	A.-Cu.	S.-Cu.	10	A.-S.	Fr.-N. sw
18	SE	SE	E	NNW	Nbyw	W	47.8	30.3	46.4	30.8	155.3	10	A.-S.	Fr.-N. SW	9	A.-S.	S.-Cu.
19	W	SE	SE	NW	NE	Calm	40.5	34.8	41.8	29	146.1	10	A.-S.	S.-Cu.	10	A.-S.	N. SW
20	SE	SE	SE	SE	SE	SE	48.8	51	61.8	37.8	199.4	10	------------	N. SSE	10	------------	N.
21	SE	SE	SE	SE	NE	S	49.4	56.9	47.3	28.5	182.1	10	A.-S.	Fr.-N.	10	A.-S.	N.
22	SE	SE	SE	WNW	SW	SE	42.4	30.4	55.7	31.1	159.6	10	A.-Cu.	Fr.-N. SW	7	A.-Cu.	Fr.-N.
23	SE	SE	SE	WSW	NW	Calm	32.8	43.8	71.8	40	188.4	10	A.-S.	Fr.-N.	10	------------	N.
24	SE	SE	SE	NW	SE	SE	53.6	52.5	33.3	65.8	205.2	10	A.-S.	Fr.-N. SE	10	A.-S.	Fr.-N.
25	SE	SE	SE	SW	E	SE	66.2	53.1	36.4	75.9	231.6	10	A.-S.	N. SE	10	------------	N.
26	SE	SE	SE	SE	E	SE	72.7	71.4	48	37.5	229.6	10	A.-S.	N.	9	A.-Cu. SW	S.-Cu.
27	SE	SE	SE	NW	N	NE	43.1	44	63.1	28.4	178.6	9	A.-Cu.	Fr.-N. SW	10	A.-S.	N. W
28	S	SE	SSE	W	WbyS	W	28.4	30.6	88.3	75.1	222.4	10	A.-S.	N. NW	10	A.-S.	N. NW
29	W	SW	SW	SW	SW	SSW	84.2	80.2	158.2	76.4	399	10	------------	N. SW	10	------------	N. SW
30	SE	SE	SE	ESE	SE	SE	51.3	64.1	46.2	59	220.6	10	A.-S.	N. WSW	10	Ci.-S.	Fr.-N. sw
31	S	E	SE	SSE	SE	SE	53.3	56.3	44.1	46.4	200.1	10	A.-S.	N. SE	10	A.-S.	Fr.-N. SSW
Mean	------	------	------	------	------	------	38.6	49	66.3	47.8	201.7	8.2	------------	------------	8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,252.7	----	------------	------------	----	------------	------------

NOTE.—From July 25 to September 30, the minimum temperatures seem to be too low by about 1° C.

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.20	55.26	55.67	54.57	55.31	56.58	25	25	27.6	27.3	25.2	24	29.8	23.7	98	95	88	86	95	96	28.5
2	55.31	55.52	56.87	55.70	55.88	57.21	24.2	24.2	28.2	27	26	24.5	31.7	23	96	97	82	80	83	91	.5
3	56.77	56.83	57.27	56.20	56.10	57.03	24	23.5	27.7	30.1	27.5	24.6	30.9	22.5	94	96	77	68	76	87	21.8
4	56.06	56.32	57.22	55.86	55.62	56.21	24.5	23.5	24.5	28.5	25	24.4	30.1	22.5	92	97	94	76	91	96	77.8
5	55.48	55.47	56.25	54.66	54.56	55.98	24.5	24	27.6	29.2	26.5	25.2	31	22.9	95	97	84	76	91	97	4.4
6	55.22	55.12	55.65	53.78	55.05	56.48	25.1	25	29.4	30.4	25.5	25.1	32.5	23.2	94	95	79	73	93	92	22.8
7	55.47	55.52	56.23	54.89	54.64	56.55	24.2	24.2	27	29.5	29	25	30.8	22.5	97	97	83	77	75	97	36.8
8	56.51	56.56	56.85	55.86	56.21	57.87	23.5	23.5	26.5	28.1	27.2	25.7	29	22.1	96	96	91	80	87	93	10.1
9	56.80	56.64	57.43	56.55	55.97	57.40	25	24.6	28.8	32.1	29.5	26	33.8	23.5	96	97	78	69	75	88	8.9
10	56.66	56.73	57.42	55.95	55.85	57.14	26	25.5	27.8	30.1	28.5	27	31.6	24	91	91	85	75	77	80	9.2
11	55.87	55.88	56.46	55.34	56.02	57.05	26	25.5	28.8	25.4	25.5	25	31.9	23.8	91	95	78	92	91	91	15.5
12	55.16	55.91	56.60	55.40	56.05	57.20	24.3	24.1	30	26.8	25	25	31.5	23	92	94	74	86	91	92	10.7
13	56.09	56.13	57.11	55.28	55.33	57.05	23.8	23.1	29.1	31.1	28.5	26.4	32.2	22.1	94	98	76	65	78	84	-----
14	56.44	55.87	56.75	55.40	54.84	55.72	26.6	26.6	29.8	29.5	27.3	26.5	31.5	24.6	84	86	73	75	85	91	13.5
15	55.01	54.37	54.38	52.51	51.52	51.97	26	26.5	28.6	29.9	28	27.4	30.8	24.4	93	90	83	76	82	86	7.4
16	50.03	49.23	50.90	52.29	53.46	56.02	27.4	25	23.8	23.8	23.5	24.2	27.9	22	86	88	92	91	92	93	72.6
17	55.87	56.27	58.22	57.39	57.89	58.98	25	25	28.6	32.2	28.4	27	33.3	23.6	83	87	77	61	77	83	-----
18	58.45	58.94	59.70	57.97	57.87	59.04	25.9	24.8	31	30.9	28.5	27.5	32.6	23.5	85	90	65	69	83	89	-----
19	57.69	56.97	57.01	55.04	55.32	57.03	26.6	25.5	30	31.5	28.5	25.2	32.8	23.1	90	95	74	69	80	88	2.3
20	55.40	55.39	55.71	54.83	55.11	56.41	24.2	24.2	31	27.7	24.1	24.4	34.4	23	92	93	71	79	92	91	35.9
21	55.77	55.63	56.51	54.99	55.28	57.05	23.6	23.6	29.6	31.8	29	25	33.8	22.5	96	96	77	65	76	94	3.8
22	56.02	55.85	56.29	54.45	54.77	56.28	24	24.5	30.5	31.6	29.8	26.8	33	22.6	95	93	74	66	77	89	-----
23	55.87	55.46	56.38	54.73	55.13	56.76	26	25	30.1	26.2	28	25	33.1	23.8	91	92	73	90	84	95	25.4
24	56.42	56.05	57.04	55.31	56.35	58.06	24.5	24.4	29.6	32.4	27.5	26	34.1	23	96	96	73	66	84	88	4.6
25	57.12	57.60	58.35	57.23	57.80	58.96	25	24.5	28.9	26.2	25	24.5	32.4	23.1	92	95	78	90	91	95	8.9
26	57.56	57.14	57.45	54.60	54.19	55.47	24.3	24.5	30	30.1	26.4	25	32.7	23	93	91	74	73	88	92	15
27	54.02	53.54	54.19	51.90	51.91	53.52	24.1	24	29.5	30.5	26.9	25.5	33.6	23	94	95	75	74	89	95	11.7
28	52.72	52.50	53.33	51.47	52.71	55.16	25	24.5	30.5	33.4	27.5	26	33.9	23.1	91	92	72	64	84	87	-----
29	54.83	55.57	56.83	55.23	55.05	57.31	25	24.8	30.5	32.4	29.4	26.5	33.1	23.5	90	88	67	64	72	83	-----
30	57.18	57.60	57.99	55.93	56.44	58.79	24.9	24.7	29.6	32.9	26	25.9	33.9	23.3	88	89	73	59	80	91	.5
31	57.85	57.53	58.29	55.90	55.68	58.01	24.9	24.5	29.7	31	28.4	26.5	32.6	23	92	95	72	67	78	84	19
Mean	55.83	55.79	56.53	55.07	55.29	56.78	24.9	24.6	28.8	29.7	27.1	25.6	32.1	23.1	92.2	93.4	77.8	74.2	83.8	90.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	467.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	SE	Calm	SE	SE	41.3	46.5	37.8	41	166.6	10	A.-Cu.	Fr.-N. SW	10	A.-S.	Fr.-N.
2	E	SE	SW	WNW	ENE	E	27.6	50.7	57.1	39.2	174.6	10	A.-S.	Fr.-N.	10	Ci.-S.	N. SW
3	E	EbyS	ESE	SE	Calm	E	42.4	54.5	29.8	33.8	160.5	10	A.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
4	Calm	S	NE	S	NW	NW	21.2	39.1	47.8	17.1	125.2	10	A.-S.	N.	10	-----	N.
5	NW	NE	SSE	NW	N	N	24.7	35.4	44.5	29	133.6	10	-----	N.	6	A.-Cu. W	S.-Cu.
6	N	N	NE	NW	E	E	19.1	37	39.6	36.8	132.5	10	-----	N. W	9	Ci.-Cu.	Fr.-N.
7	ESE	ESE	ESE	SE	NW	SE	54.9	64.4	24.1	46.5	189.9	10	A.-Cu.	Fr.-N. SE	10	A.-Cu.	Fr.-N.
8	S	S	S	NW	WSW	SE	38.6	35.7	27.6	36.5	138.4	10	A.-S.	N.	9	A.-S.	Fr.-N. SW
9	SE	SE	SE	N	WSW	WSW	29.8	58.2	64.2	62.5	214.7	8	Ci.-S.	S.-Cu.	8	Ci.-Cu.	Cu.-N.
10	Calm	Calm	N	NNE	W	SW	19.6	20.1	41.2	38	118.9	10	-----	N. W	9	Ci.-S.	Cu.
11	Calm	SSE	ESE	NW	WbyN	NW	21.2	42.3	61.5	60.2	185.2	10	-----	Fr.-N. SW	10	-----	N.
12	SW	SE	SE	NW	NW	S	37	49.3	67.4	28	181.7	9	A.-Cu.	Fr.-N.	10	A.-S.	Fr.-N.
13	SE	SE	S	NW	WNW	W	44.6	40.8	65.2	36.4	187	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
14	N	NW	NW	NW	WbyN	NW	34	34.3	80.7	47.5	196.5	10	A.-S.	Fr.-N. W	10	A.-S.	S.-Cu.
15	NW	WNW	NW	NW	WNW	WNW	49.4	108.8	151.6	124.5	434.3	10	Ci.-S.	N. NW	10	Ci.-S.	Fr.-Cu.
16	WNW	WSW	S	SE	SE	SE	126.9	78.4	79.9	93.5	378.7	10	-----	N. WSW	10	-----	N. SSW
17	SE	SE	SE	SE	SE	SE	105.2	88.3	81.6	70.5	345.6	9	A.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
18	S	Calm	SSE	NW	NW	NW	49.1	33.2	92.5	81.9	256.7	7	Ci.-S.	Cu.	6	Ci.-S.	Cu.
19	N	N	NE	NW	NNW	SE	29.3	32.8	88.5	51.2	201.8	8	Ci.-S.	S.-Cu. SW	7	Ci.	Cu.-N.
20	SE	SE	SSE	WSW	NE	S	48.3	70	55	44	217.3	6	Ci.	S.-Cu.	10	-----	N. SSW
21	SE	SE	SE	WSW	N	SSE	60.9	55.5	55.3	41.6	213.3	6	Ci.	S.-Cu. SW	9	-----	N.
22	SE	S	SE	NNW	SW	E	42.3	49.7	55.5	32.7	180.2	8	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.-N.
23	SE	SE	SE	Calm	NW	Calm	33.5	38	31.9	26.4	129.8	4	Ci.	S.-Cu.	10	Ci.-S.	N.
24	SE	SE	SE	WSW	SE	ESE	29.8	62	54.1	59.3	205.2	2	-----	Cu.	9	A.-Cu.	N.
25	SE	SE	SE	SW	W	S	56.3	61.4	56	38	211.7	10	-----	N. SSE	10	-----	N.
26	S	SE	SE	W	SE	SE	41.8	62.5	58.9	58.9	222.1	9	-----	N. SSE	7	A.-Cu.	N.
27	SE	SE	SE	NNW	NE	SE	53.6	50.9	63.6	69.2	237.3	2	Ci.	S.-Cu.	5	-----	Fr.-N. SE
28	SE	SSE	SE	SSE	SE	SE	64.4	97.9	102.2	92.5	357	2	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. ESE
29	ESE	SE	SE	SE	SE	SE	82.1	79.4	73.7	101.7	336.9	5	Ci.	S.-Cu.	4	A.-Cu. SE	Cu.-N.
30	SE	SE	SE	ESE	SW	E	73.8	73.5	85.3	31.9	264.5	9	A.-Cu. SW	S.-Cu.	3	Ci.	Cu.-N.
31	Calm	Calm	SE	N	NW	SSE	16.6	34.6	76.1	43.6	175.9	9	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu.
Mean	-----	-----	-----	-----	-----	-----	45.8	54.4	62.9	52.2	215.3	8.1	-----	-----	8.4	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,673.6	-----	-----	-----		-----	-----

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.55	55.94	56.74	54.43	54.15	54.90	24	23.5	29	30.2	27.5	26.4	31.9	22.2	95	95	77	74	84	88	0.3
2	53.64	53.59	54.04	51.71	51.48	52.61	25.2	24	29.9	31.1	28.5	27	32.3	22.7	92	98	76	74	80	90	6.8
3	51.60	49.99	50.09	47.61	46.84	48.06	24.8	25.9	25.1	24.6	25.5	24.8	26.8	23	93	88	94	97	95	97	316.7
4	48.36	49.76	50.26	49.93	51.19	52.43	24	23.5	25	26.1	24.5	25.1	26.8	22	96	95	88	79	89	90	22.1
5	52.96	53.43	54.47	54.19	55.31	56.96	23.3	23.5	27.5	29.1	26.6	25.5	31.1	22	93	95	84	74	90	92	5.5
6	56.70	56.66	57.86	56.38	56.75	58.55	24.7	24.6	28	30.9	27.2	26	32.5	23.4	94	94	88	69	84	93	.6
7	57.43	57.53	58.69	57.03	57.18	58.29	25	24.6	28.4	30.6	28	26.5	32.3	23.5	95	94	81	70	80	89	5.6
8	57.32	57.37	57.75	56.31	56.11	57	25	25	30.6	25.5	27	25	32.1	23.5	95	95	74	92	85	95	8.4
9	55.87	55.73	55.80	54.29	54.34	55.11	25.1	25.2	29	28	27.5	26	31.2	24	98	98	81	88	85	90	7.9
10	53.79	53.44	53.66	52.29	52.84	53.24	25	25.3	27.7	25.5	24	23.4	28.6	22.4	91	88	86	93	95	97	77.3
11	52.41	52.30	53.89	52.78	54.48	56.99	23.6	23.5	25.6	26.5	24	23.5	28.2	22.1	97	95	90	91	93	96	40.2
12	55.71	56.25	57.77	56.25	57.25	59.15	23.4	23	27.1	30.5	28	26	32.4	22	95	95	83	72	80	91	------
13	58.88	59.15	59.55	57.79	58.12	60.35	25	24.9	30.6	31.6	29	27.6	33	23.6	95	95	74	68	74	86	------
14	59.06	59.05	59.77	58.08	57.84	58.78	27	26	29.6	29.8	28.1	27.5	30.9	24.8	84	88	77	76	80	84	56.4
15	58	58.12	57.98	56.20	55.67	56.21	26.5	25	25.6	24.6	26.5	27	27.8	22.5	90	91	95	98	91	88	151.9
16	55.10	55.07	56.74	55.59	55.48	57.02	24.1	24	24.1	25	24.5	24	25.6	22.1	93	95	97	96	95	97	140.5
17	56.64	57.52	57.78	56.67	56.81	58.68	24	24	26.6	29.1	27.5	26	30.8	22.5	95	95	90	82	87	91	------
18	57.98	57.85	58.53	56.96	58.37	59.39	25.2	24.8	29.1	31.8	26	25.5	33.5	23.2	94	95	80	70	87	95	------
19	58.55	58.94	59.65	57.89	59.10	59.81	24.2	24.1	31.1	33.1	27	27.5	34.1	22.9	94	97	71	63	88	85	.5
20	58.63	58.80	59.53	57.27	57.65	58.78	27	24.8	30	30.5	28.4	27	31.7	23.5	87	93	75	72	75	83	------
21	57.79	57.37	57.49	55.57	56.60	58	25.2	24.4	30.5	34.5	28.5	27	35.3	23.1	90	96	73	59	84	87	3
22	57.30	57.66	58.39	56.72	57.49	59.03	26	25	31.1	32.5	28.7	26.4	33.9	23.7	93	95	74	60	79	90	80.8
23	58.75	59.06	59.95	58.06	58.50	60.17	24.8	24.4	30.4	32	28.4	27.1	32.8	23.1	94	96	72	66	81	90	------
24	58.70	59.13	59.96	57.82	58.24	59.54	25.5	24.6	31.4	32.8	29.3	26	33.9	23.5	93	95	69	60	75	87	------
25	58.73	58.85	59.59	57.43	58.33	59.31	25.5	24.8	31.9	31.9	26.9	25	34.2	23	95	92	65	59	83	92	7.6
26	58.50	58.62	59.48	57.24	59.03	59.91	24.2	23.6	30.5	31.8	26	24.5	33	22.5	94	95	70	60	84	92	1.8
27	58.18	59.20	60.65	58.32	59.93	60.10	24	24	31.1	32.4	25	24.5	34.2	22.7	95	94	70	64	87	89	------
28	58.80	59.02	59.83	57.52	58.18	59.95	23.1	22.6	31.5	34	27	27.9	35.3	21.5	94	95	66	56	84	81	.5
29	58.76	58.64	59.63	57.09	57.37	59.05	25.4	24.1	31	32.4	29.1	27	33.3	23	92	95	67	58	74	88	------
30	58.22	57.81	58.56	56.68	57.07	58.25	25.5	24.7	31.6	31.5	28.5	27.6	35.1	23.5	92	93	68	68	83	87	------
Mean	56.63	56.73	57.47	55.74	56.26	57.52	24.8	24.4	29	30	27.1	26	31.8	22.9	93.3	94.2	78.5	73.6	84.4	90	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	934.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	Calm	SW	NW	N	NW	18	28.2	79.9	52.9	179	2	Ci.	Cu.	7	A.-Cu.	Fr.-N. NE
2	N	E	SE	NW	NNW	NW	32	42.3	77.7	46.1	198.1	10	------------	S.	8	Ci.-S.	Cu.
3	Calm	WNW	WNW	WSW	WSW	WSW	51.7	99.5	112.7	116.2	380.1	10	------------	N. NNW	10	------------	N. W
4	SW	W	W	W	WSW	SW	101.1	62.5	90.4	62.8	316.8	10	------------	N. W	10	A.-S.	Fr.-N. WSW
5	ESE	E	SE	SW	SW	SE	48	67.8	61.8	30.1	207.7	8	Ci.	Fr.-N. W	10	A.-S.	Fr.-N. W
6	SE	SE	E	SW	N	Calm	49.6	50.4	30.3	24.7	155	10	A.-S.	N. W	6	Ci.	Cu.-N.
7	Calm	E	E	N	NW	NW	30	35.9	37.6	44.6	148.1	9	A.-Cu. SW	S.-Cu.	6	A.-Cu. W	Cu.
8	N	N	SE	NW	Calm	NW	26.2	31.9	49.3	22.5	129.9	10	A.-Cu.	S.-Cu. W	10	------------	N. W
9	Calm	Calm	W	W	W	SW	15.2	45.4	------	27.6	------	10	Ci.-S.	S.-Cu. W	10	A.-S.	N. W
10	SW	Calm	S	SE	SW	SE	23.8	46.4	37	38.1	145.3	10	A.-S.	S.-Cu. W	10	------------	N. W
11	SE	SE	SE	E	S	SE	66.2	74.5	53.3	47.3	241.3	10	------------	N. SE	10	A.-S.	N. SW
12	SE	SE	SE	SE	E	SE	64.6	86.3	50.1	31.4	232.4	10	A.-S.	N. SE	9	A.-Cu.	Cu.
13	SE	SE	SE	N	NW	NW	38.6	34.3	64.2	58.7	195.8	3	A.-Cu.	S.-Cu.	1	Ci.	Cu.
14	NW	NW	NW	NW	NW	W	42.1	57.3	56.6	85.3	241.3	6	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
15	N	NW	NNW	N	W	W	52.6	35.4	47.8	84.2	220	10	A.-S.	Fr.-N. W	10	------------	N. NW
16	SW	NE	NW	W	SE	SE	21.9	51.3	21.7	30.9	125.8	10	------------	N. NW	10	A.-S.	N. NW
17	SE	SE	SE	NW	NE	E	31.9	32.7	21.4	36	122	10	A.-S.	N. W	8	A.-Cu.	S.-Cu.
18	E	E	SE	SE	Calm	S	45.7	65.2	44.3	20.9	176.1	9	Ci.-S.	S.-Cu. SE	9	Ci.-S.	Fr.N.
19	S	SE	SE	SE	N	NW	24.9	51.3	69.5	60.6	206.3	10	Ci.-S.	Cu.	4	Ci.	Cu.
20	NW	N	NNW	NW	NW	N	25.5	36.8	86.3	58.5	207.1	3	Ci.	S.-Cu.	3	Ci.	Cu.
21	NE	SE	SE	SW	NW	NW	27.7	40.4	61.7	43.5	173.3	6	Ci.-S.	S.-Cu. SE	2	Ci.	Cu.
22	N	E	E	NNW	W	W	27.6	35.2	66.6	60.6	190	8	A.-Cu. E	S.-Cu.	2	Ci.	Cu.
23	E	E	E	NW	NNW	NW	28.7	38.9	64.1	40.4	172.1	4	Ci.	Cu.	5	Ci.	Cu.-N.
24	E	SE	SE	NNW	NNW	SW	36.2	47.5	49.9	33.8	137.4	1	Ci.	Cu.	2	Ci.	Cu.
25	SW	SSE	SSE	N	SE	S	26.2	47.8	40	44.8	158.8	2	Ci.	Cu.	9	Ci.-S.	N. SE
26	SE	SE	E	NNW	SEbyS	Calm	38.8	37.3	69.4	31.2	176.7	6	Ci.	S.-Cu.	2	Ci.	Cu.-N.
27	SEbyS	SEbyS	SEbyS	NW	SEbyE	S	34.1	32.8	51.7	40.2	158.8	1	Ci.	S.-Cu.	4	Ci.	Cu.-N.
28	Calm	SEbyE	SSE	SSW	Calm	NW	30.4	53.1	51	40.8	175.3	1	Ci.	S.-Cu.	4	Ci.	Cu.
29	NW	NW	NW	NNW	Calm	N	20.1	28.8	30.8	13.1	92.8	1	Ci.	S.-Cu.	2	Ci.	Cu.
30	E	E	ESE	NE	Calm	Calm	30.3	42	37.8	7.8	117.9	1	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	37	48	55.7	44.5	186.6	6.7	------------	------------	6.6	------------	------------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.85	58.16	59.07	56.93	56.97	58.38	27	25.2	30.5	32	29.4	28.8	33.3	25	89	94	71	63	74	78	------
2	57.83	58.25	58.37	56.47	56.65	58.24	26.5	25.6	31.2	31.1	29	25	35	25	91	95	71	68	80	93	24.9
3	57.62	57.76	58.37	56.52	57.35	58.98	25.1	25.6	31.5	32.5	27	25.9	34.9	24.8	95	95	72	63	88	91	.5
4	58.12	57.97	59.55	57.32	57.95	59.25	24.5	24.5	31	30.9	27.6	26.5	34.1	24.1	94	96	65	65	79	88	------
5	58	58.42	58.99	56.94	57.81	59.09	26	25	29.8	29.5	26.5	24.5	32.7	24	94	95	73	71	86	92	5.8
6	57.73	58.03	58.54	56.38	57.28	58.98	24.4	23.8	30.9	30.2	28.5	27	32.8	23.5	92	97	71	68	75	87	------
7	58.02	58.48	59.38	56.94	58.19	59.76	25	24.5	31.4	31	23.6	25.5	33.1	24.1	91	94	69	65	76	88	------
8	58.22	58.78	59.29	56.83	57.90	58.73	24.6	24	31	32.4	28.8	25.4	33.4	23.6	94	92	68	61	75	84	------
9	57.39	57.17	57.93	55.29	55.68	57.23	24.1	23.5	31	32.4	28.9	26.5	33.4	23.1	94	95	68	62	75	83	------
10	56.40	56.06	56.80	54.38	54.75	56.05	25	24.5	30.9	32.9	29	27	33.7	23.9	96	95	72	58	74	89	------
11	54.95	54.86	55.45	53.40	53.75	54.99	25.9	25	29.1	30.9	26.2	25.9	32	25	93	96	80	72	89	91	------
12	54.17	53.63	54.28	52.33	52.35	53.02	25	24.5	28.4	30.2	28.2	26	31.3	24.1	93	92	82	75	82	93	5.1
13	51.48	51.04	51.44	49.31	49.72	51.06	25	24	27.4	28	25	24.5	31.3	23.9	98	96	85	88	95	96	67.2
14	50.07	50.12	51.51	49.88	50.60	51.87	24.2	24.8	29.5	30	28.5	28.1	31.2	23.9	97	97	80	68	78	79	2
15	51.81	52.67	55.07	53.82	54.93	56.89	27.1	27.2	28.9	30	28	27.5	30.8	26.6	83	81	75	71	79	80	.5
16	56.45	56.92	58.34	56.61	57.50	58.93	26.4	26	29	29.9	27.4	26.8	30.6	25.1	82	85	76	69	74	78	------
17	58.21	58.72	59.30	57.55	58.04	59.65	25.1	22.9	29	29.6	27	26	30.3	22.1	87	90	60	56	69	81	------
18	58.98	59.37	60.20	57.48	58.29	60.04	24.8	23.4	30.9	31.3	27.9	25	33.7	23	88	91	65	59	77	87	------
19	59.05	59.45	60.47	57.99	58.85	60.28	24.2	23.5	30.1	32.5	27.6	25	33.8	23.1	90	95	63	60	80	91	6.1
20	59.43	60.16	60.99	58.73	59.44	61.04	24.3	23.5	30.1	31	28.6	25.6	33.5	23.1	89	92	68	65	73	88	------
21	60	60.15	60.60	58.48	58.55	59.73	24.5	23.9	30.5	30.8	28.1	26.8	31.9	23.5	94	95	68	64	72	82	------
22	58.86	59.38	59.52	57.24	57.49	58.87	24.4	24	30.6	31.5	28	27.5	33.3	23.6	95	93	65	63	79	80	------
23	58.12	58.51	59.30	56.81	57.73	59.37	25	23.9	30.5	33.1	28.5	25.5	34	23.5	92	92	67	57	73	80	------
24	58.78	58.97	60.35	58.41	59.22	61.04	24.5	23.6	30.5	30.4	27.4	24.9	32.3	23.1	71	71	54	59	74	87	------
25	60.09	60.62	61.43	59.04	59.25	61.04	23	21.8	29.6	31.5	27.1	25	32.4	21.4	85	84	57	56	75	80	------
26	60.01	60.26	61.05	58.17	58.31	60.03	21.8	21	29.1	31.1	26.5	23	32.4	20.6	90	85	54	44	65	86	------
27	59.50	59.76	60.88	58.24	58.78	60.45	21.2	20.6	30	30.5	27	25.8	31.6	20.2	93	94	63	56	73	81	------
28	59.81	60.21	61.30	59.09	59.57	61.23	23	21.7	30	31	27.2	24.5	32.6	21.5	90	93	59	56	78	86	------
29	60.65	60.55	61.90	59.67	59.78	61.13	23.6	22.5	30.5	31.1	27.1	26.3	33.1	22	85	85	54	53	78	82	------
30	60.50	60.74	61.28	58.53	58.85	60.13	23.1	22	30.5	31.9	27.6	25.9	32.9	21.9	92	95	61	52	71	84	------
31	59.10	59.49	60.28	58.53	59.03	60.56	23.5	22.5	31.6	31.4	27.1	25.4	32.9	22.1	90	94	64	60	76	81	------
Mean	57.65	57.89	58.75	56.56	57.11	58.58	24.6	23.8	30.2	31.1	27.7	25.9	32.7	23.4	90.5	91.7	67.7	62.8	77.2	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	112.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	SbyE	NW	NW	NNW	14.8	18.3	65.2	57.7	156	1	Ci.	Cu.	2	Ci.	Cu.-N.
2	NE	ESE	SSE	WNW	NNW	SW	31.2	53.1	74.3	45.7	204.3	9	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu.-N.
3	SE	SE	SSE	SW	E	SE	28.2	68.4	58.7	40	195.3	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
4	SE	SE	SE	SE	NW	Calm	42	78.1	56.6	31.2	207.9	9	Ci.	S.-Cu. S	8	Ci.-S.	Cu.-N.
5	Calm	SSE	SE	NNW	NE	Calm	14.7	35.9	43	32.7	126.3	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
6	Calm	SE	SE	NNW	NW	N	16.9	30.3	61.4	43.7	152.3	9	Ci.	S.-Cu.	3	Ci.-S.	Cu.
7	Calm	SE	SE	NNW	N	NE	23.3	39.6	59	29.6	151.5	3	Ci.-Cu.	Cu.	5	Ci.-S.	Cu.
8	NE	ENE	SSE	NNW	NNW	E	26.4	34.6	54.7	32.2	147.9	0	Ci.	Cu.	3	Ci.	Cu.
9	Calm	Calm	ESE	NNW	NNW	N	17.5	34.4	71.6	38	161.5	1	Ci.	Cu.	5	Ci.-S.	Cu.
10	E	E	NW	NW	NW	SW	30.4	33.3	50.5	33.8	148	9	Ci.	S. SE	9	Ci.-S.	Cu.
11	S	Calm	SSE	N	SW	SE	25.2	20.4	42.6	19.1	107.3	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
12	SE	SE	E	N	WNW	Calm	20.3	30	94.1	45.3	189.7	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
13	S	SE	SE	SW	SSW	SE	39.7	47.8	37.8	39.7	165	10	A.-S.	Fr.-N.	10	A.-S.	N. WSW
14	Calm	N	N	NW	NW	NW	18.8	60	142.9	154.8	376.5	10	A.-S.	N. WNW	9	A.-Cu.	Fr.-Cu.NNW
15	NW	NW	NW	NW	NW	NW	138.1	149.7	140.3	77.5	505.6	9	A.-S.	Fr.-N. NNW	9	Ci.-S.	Cu.
16	NW	NW	N	NNW	NNW	NNW	55.5	52.5	105.6	104.4	318	6	Ci.	S.-Cu.	3	Ci.	Cu.
17	N	N	N	NW	NW	NW	55.5	34.4	69	38.6	197.5	3	Ci.	S.-Cu.	2	Ci.	Cu.
18	SW	SE	SE	SE	SW	SE	34.6	59.2	39.2	41.5	174.5	2	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N.SSW
19	SE	SE	SE	SE	E	SE	29.6	74.5	59.5	34.3	197.9	2	Ci.	Cu.	5	A.-Cu.	Cu.
20	SE	Calm	ESE	Nbyw	Nbyw	SE	23.5	37.2	61.2	40.2	162.1	2	Ci.	Cu.	3	Ci.	Cu.
21	Calm	Calm	S	NW	NNW	NW	13.9	25.9	65.7	45.3	150.8	1	Ci.	S.-Cu.	1	------------	Cu.
22	N	ENE	SE	NNW	NW	NW	31.4	37.5	68.4	44	181.3	1	Ci.	Cu.	5	Ci.	Cu.
23	NE	E	SE	W	NNW	S	39.1	43.3	43.5	44.6	170.5	8	Ci.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
24	SSE	S	SSE	NNW	NW	S	69.2	45.6	62.6	40.5	217.9	9	A.-S.	S.-Cu.	2	Ci.	Cu.
25	SE	SE	SSE	NE	N	SE	38.8	56.8	46.7	35.6	177.9	2	Ci.	S.-Cu.	4	Ci	Cu.
26	SE	SE	SE	W	N	N	38.6	38.3	61.5	25.9	164.3	7	A.-Cu. W	S.-Cu.	5	Ci.	Cu.
27	N	N	W	NNW	NW	NW	23.5	32.4	74	34.9	134.8	9	A.-Cu.ESE	S.-Cu.	8	A.-Cu.	Cu.
28	SW	S	SE	NNW	N	SW	34	46.5	66	34.3	180.8	0	Ci.	Cu.	3	Ci.-Cu.	Cu.
29	SSE	SE	SE	NNW	NNW	NW	45.9	44.3	69.7	44.3	204.2	0	Ci.	Cu.	1	Ci.	Cu.
30	SW	S	SSE	NNW	NW	SW	27.2	44.8	66.2	34.1	172.3	0	Ci.	Cu.	0	Ci.	Cu.
31	Calm	ESE	SSE	N	SE	SE	27.4	56.6	62.3	52.5	198.8	1	Ci.	S.-Cu.	8	Ci.	Fr.-N. ESE
Mean	------	------	------	------	------	------	34.7	47.2	66.9	45.7	194.5	5.2	------------	------------	5.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,028.7	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.45	59.85	60.68	58.88	59.19	60.63	24.1	24.1	31.4	29	26	25	33.2	23.9	90	90	66	71	76	79	------
2	59.34	59.85	60.67	58.32	59.22	60.63	23.5	23	31.6	32.2	28.6	26	34.8	22.9	87	90	57	56	73	89	------
3	59.91	60.17	60.58	58.21	59.27	60.93	24.2	23	31.7	32	28.1	25.5	35.6	22.6	89	92	62	63	77	86	------
4	59.89	60.22	60.68	58.73	59.40	60.60	23.9	23	31	30	27	25.4	33.9	22.6	88	90	65	67	80	84	------
5	59.55	59.91	60.86	58.76	60.12	61.03	24	23	32.2	32.9	27	24.9	35.3	22.7	91	91	62	61	83	92	2.8
6	59.76	60.40	60.74	58.50	59.21	60.72	23.7	23	31.1	32.5	29	26.1	34.5	22.9	93	97	67	63	78	83	------
7	59.80	60.59	61.52	58.64	59.41	60.84	24.5	23.4	32	32	28.5	25.5	35.8	23	87	91	60	60	81	78	------
8	59.88	60.52	61.29	59.08	60.06	61.43	23.5	23	32	34.6	28.6	24.5	36.1	22.5	90	90	57	45	80	82	------
9	60.08	60.44	61.29	58.54	59.23	61.23	23	22.5	31	29.7	28	26	34.8	22	90	90	56	67	77	80	------
10	59.75	60	60.54	57.80	58.31	60.28	24.5	23	32.5	33.5	28.5	25.5	34.9	22.6	87	90	57	53	69	75	------
11	59.36	60	60.89	58.28	59.23	61.28	23.5	23.5	31.5	32.1	28	24.8	34.3	22.9	83	86	60	57	74	79	------
12	60.36	60.46	61.28	58.98	59.30	61.03	24	21.5	30.9	32	27.8	25.5	32.9	21.1	80	91	56	55	76	80	------
13	60.18	60.69	61.99	59.38	59.45	60.59	24	22.9	28.9	32.5	28	24.8	33.7	22.5	82	85	64	52	70	79	------
14	59.90	60.67	61.49	58.97	59.64	61.26	23.4	22.8	29	33	27.5	22.8	34.1	21.3	81	76	51	43	63	78	------
15	60.01	60.70	61.82	60.20	60.88	62.15	21	21	30.5	31	27.5	26.5	32.5	19	81	73	47	44	66	76	------
16	61.50	61.50	62.13	59.59	60.17	61.33	23	21	30.3	30.9	27.2	27	32.5	20.6	86	91	53	53	74	75	------
17	60.16	60.60	61.35	59.13	59.63	61.15	24.8	23.1	30	30	27	27	32.3	22.9	87	90	61	64	73	73	------
18	60.85	61.70	62.50	60.13	60.74	62.23	24	23	30.5	34	28.2	24.8	34.7	22.9	83	87	55	48	69	82	------
19	61.38	61.72	62.78	60.45	61.33	62.70	22.9	21.9	30.2	31	27.5	25	32.8	21.4	91	92	57	56	76	91	------
20	61.43	62.06	63.03	60.56	61.38	62.15	23.3	22.5	32.1	32	28	25.5	34.4	22.1	93	92	56	61	77	83	------
21	61.31	61.67	62.42	59.77	60.45	61.45	23.2	22.6	31	31	27.6	24.9	32.4	22	89	85	56	60	76	87	------
22	60.51	60.57	61.52	59.02	59.85	61.44	23	21	31	30.3	27.1	24.7	31.8	21	91	95	59	63	79	81	------
23	61.01	61.79	62.60	60.46	61.20	62.83	23.8	22.5	31.6	30.6	27.5	24.5	34.8	22.1	82	86	56	61	76	78	------
24	61.30	62.02	63.09	60.51	61	62.59	22.5	22	31	33.1	27.2	23.5	34.9	21	82	76	49	54	72	73	------
25	62.12	62.21	63.13	60.18	60.48	61.60	22	21	29.5	29.6	26.5	22.5	32.5	20.6	73	72	50	55	68	78	------
26	60.01	60.31	61.07	58.43	58.50	59.94	21	19.5	29.9	29.6	27	26	33.3	19.1	85	90	54	59	70	76	------
27	58.40	58.09	59.30	56.55	57.13	59.05	23	21.5	29	30.1	27.4	24.8	31.3	21	90	87	58	60	77	83	------
28	58.02	58.42	59.80	57.78	58.13	59.65	24	23	28.2	27.5	28	24.8	33.5	22.5	79	86	69	72	77	81	------
29	58.89	59.44	60.32	58.22	58.62	60.03	22.6	21.5	30.1	31.1	27.5	27.1	32.3	21.4	90	91	58	58	77	84	------
30	59.46	59.49	60.57	58.49	58.98	60.41	24	23	30.4	30	27.5	25.6	32.2	22.5	91	91	62	67	78	86	------
Mean	60.12	60.54	61.40	59.02	59.65	61.11	23.4	22.4	30.7	31.3	27.6	25.2	33.7	21.9	86.4	87.8	58	58.3	74.7	81	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	2.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	S	S	S	SE	27.1	56.6	79.2	46.7	209.6	9	A.-Cu.	S.-Cu.	9	A.-S.	Fr.-N.
2	SE	SE	SSE	NNW	N	Calm	53.3	57.3	56	28.8	195.4	8	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
3	E	E	SSE	NNW	N	Calm	27.9	56.3	50.1	17.9	152.2	2	Ci.	Cu.	8	Ci.-Cu.	Cu.-N. ESE
4	NE	NE	S	SE	SE	SE	31.1	44	64.6	27.4	167.1	4	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
5	Calm	SE	SE	SE	SE	S	21.9	49.1	49.3	26.4	146.7	2	Ci.	S.-Cu.	8	Ci.	Fr.-N. ESE
6	SE	SE	SE	SE	Calm	S	28.4	37.3	47.7	36	149.4	3	Ci.	S.-Cu.	9	Ci.-S.	Fr.-N. E
7	S	S	SSE	NNW	NNW	S	32.2	46.5	67.8	45.3	191.8	3	Ci.	Cu.	2	Ci.	Cu.
8	Calm	E	SE	SE	Calm	Calm	22.8	48.3	63.4	31.7	166.2	2	Ci.	Cu.	2	Ci.	Cu.
9	SE	E	E	N	N	WNW	28	38.8	48	30.9	145.7	8	Ci.	S.-Cu.	7	Ci.-S.	Cu.
10	Calm	SE	SE	SSE	SE	S	32.4	59.5	82.9	71.6	246.4	2	Ci.	S.-Cu. E	3	Ci.	Cu.
11	S	S	S	NW	Calm	Calm	29.3	32.5	50.4	23	135.2	4	A.-Cu.	S.-Cu.	1	Ci.	Fr.-Cu.
12	SE	SE	SE	NW	N	SSE	48.1	40.7	54.7	43.1	186.6	0	Ci.	Cu.	1	Ci.	Cu.
13	S	S	Calm	SSE	N	Calm	56.3	35.4	43.8	26.6	162.1	4	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. E
14	SSE	S	SSE	SSE	NNE	SE	62.2	94.8	81.3	30.6	268.9	9	A.-Cu.	S.-Cu. E	4	Ci.	Cu.
15	SE	S	S	N	NW	NW	46.2	63.3	68.7	40	218.2	1	Ci.	Cu.	5	A.-Cu. E	S.-Cu.
16	W	NE	SE	NNW	NW	NW	30.9	44.5	64.6	47.2	187.2	2	Ci.	Cu.	2	Ci.	S.-Cu.
17	NNE	SE	SE	NW	NW	N	37.3	37.8	80	45.6	200.7	3	Ci.	S.-Cu.	1	------	Cu.
18	SE	SE	SSE	SSE	N	S	23.6	63.8	55.3	39.4	182.1	10	A.-Cu. ESE	S.-Cu.	2	------	Fr.-Cu.
19	S	E	SSE	NW	NW	NW	27.4	39.2	67.3	21.2	155.1	0	Ci.	Cu.	1	Ci.	Cu.
20	N	Calm	S	NW	N	SW	21.5	39.7	64.9	27.1	153.2	1	Ci.	S.-Cu.	3	Ci.-Cu.	Cu.
21	SW	S	ESE	NW	N	Calm	33.5	37	74.3	31.7	176.5	1	------	S.-Cu.	1	------	Cu.
22	E	Calm	Calm	NNW	Calm	S	24.9	36.5	69.2	52.8	183.4	0	Ci.	Cu.	1	Ci.	Cu.
23	S	S	SSE	NW	N	S	54.1	60	66.2	46.1	226.4	0	------	S.-Cu.	1	------	Cu.
24	S	S	SSE	S	Calm	S	40.5	61.5	47.8	55.5	205.3	0	Ci.	Cu.	0	------	Cu.
25	S	SSE	SSE	NW	N	SW	78.6	57.6	65.5	37.6	239.3	0	------	Cu.	1	------	Cu.
26	S	S	SSE	N	N	N	34	49.1	47.2	44.9	175.2	0	------	Cu.	5	------	Fr.-Cu.
27	Calm	Calm	NbyW	NW	N	Calm	19	24.1	59.2	17.1	119.4	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.
28	S	SE	SE	SE	Calm	SE	31.6	50.4	50.2	30.6	162.8	10	Ci.-S.	S.-Cu.	10	A.-S.	N.
29	SE	SE	SE	NW	NNW	Calm	33.6	44.1	64.2	49.4	191.3	0	Ci.	Cu.	1	------	Cu.
30	Calm	E	SE	NNW	NW	W	18.7	41.2	79.2	30.4	169.5	0	------	Cu.	1	------	Cu.
Mean	------	------	------	------	------	------	35.2	48.2	62.1	36.8	182.3	3	------	------	4.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,468.9	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.46	59.99	60.88	58.60	58.84	60.11	23.6	22.6	31	30.1	27	26	32	22.5	90	94	61	63	76	83	------
2	59.43	60.31	61.40	58.75	59.32	60.70	22.8	22	28	30.2	26.9	25	31.4	21.6	93	95	73	59	77	83	------
3	59.95	60.90	62.19	60.23	60.94	62.13	23.1	22.5	29	31	27.8	26.2	33.8	22	90	87	64	59	67	82	------
4	61.70	62.54	63.20	61.22	61.67	63	22.8	23	29.9	29.1	27.5	26.1	31.6	22	83	83	58	70	77	86	------
5	62.33	62.54	63.23	60.89	61.50	62.80	23.8	22.5	29.5	29.5	27	24	31.7	22.1	89	95	63	66	77	78	------
6	62.02	62.62	63.48	60.50	61.40	62.60	22.5	22.5	29.5	29.5	27	24.2	31.2	22	78	78	59	61	76	81	------
7	61.80	62.07	62.70	60.22	60.82	61.76	22.9	21.2	29.1	30	27	24.2	31.3	21	83	89	60	62	78	78	------
8	60.61	60.85	61.59	59.25	60.12	61.65	22.5	21.5	30.6	29	27.5	24	32.3	20.9	78	82	55	64	76	77	------
9	60.49	60.61	61.37	59.76	59.90	61.55	23.4	22	31	30.9	27.1	23.5	33.4	21.9	76	86	50	54	62	76	------
10	60.94	61.09	61.74	59.38	60.28	61.90	22.5	22.5	31.1	33	28	23.1	33.7	21.6	78	78	52	42	59	82	------
11	60.90	60.24	61.03	58.47	59.55	60.75	22.5	20.2	31.1	33	27.5	25	34.5	19.9	78	87	51	47	79	85	------
12	59.59	59.60	60.62	57.80	58.69	60.09	22.5	23	31.4	30.9	27.5	24.8	34.3	22	90	82	57	56	66	81	------
13	59.03	59.70	60.95	59.40	59.58	60.66	22.9	23	29.9	26.1	25.1	24.5	32.8	22	87	86	65	85	90	87	1.8
14	59.81	59.32	59.89	57.65	58.72	60.33	23.1	22	31	30	28.5	24.6	33.3	21.5	90	90	55	67	59	79	------
15	58.77	59.37	60.04	57.78	58.65	60.03	23	21.2	27.7	30.5	27.6	27	32.9	21	81	88	71	62	73	80	------
16	59.40	60.10	60.58	58.44	59.02	60.92	24	22.6	29.9	31.9	29.5	26	34	22.4	91	94	65	57	74	79	------
17	60.05	60.64	61.17	58.82	59.38	60.75	24	22.1	29.5	30.1	27.5	25	31.3	21.9	82	89	68	67	80	80	------
18	59.73	60.25	61.37	59.29	60.28	61.51	23.9	23.1	29.5	31.8	27.6	25	34.5	22.9	80	82	61	55	76	72	------
19	61.05	61.55	62.08	59.92	60.73	62.36	24.5	23.9	30	30	27.5	25.1	32.8	23.5	71	72	53	62	77	73	------
20	61.63	62.19	62.75	59.84	60.80	62.49	24.3	22.5	30.1	29.9	27.1	25	32.8	22.1	71	86	58	61	78	76	------
21	61.13	61.07	61.65	59.38	60.20	61.14	24	23	31	30.6	28	25.2	34.2	22.9	78	82	53	59	71	88	------
22	59.98	60.30	60.69	57.83	58.35	59.83	23.1	22	29.2	30	27	26.5	31.4	21.5	90	90	62	65	73	75	------
23	59.53	59.65	60.99	58.43	59.13	60.49	23.5	23	29.5	29.5	27.1	25.1	30.6	22.6	90	86	70	70	79	87	------
24	59.58	59.75	60.98	58.48	58.77	60.43	23.5	22	30.4	30.2	27.5	25.4	32.7	21.8	87	91	59	60	74	83	------
25	59.35	59.36	60.88	58.18	58.40	59.73	23	21.7	29.7	30.6	27.5	26.8	31.8	21.3	86	89	61	60	76	80	------
26	58.85	59.58	60.48	58.25	58.55	60.15	24.1	24	28.4	29.5	27	26	30.7	22.6	95	91	77	71	77	80	------
27	59.08	59.22	60.66	59.11	59.84	60.86	25.4	25	27.2	27	25	24.1	28.8	24	78	74	67	72	79	86	------
28	60.29	60.75	61.81	59.89	60.11	61.72	24.1	23.3	25.5	26.4	25	23	27.5	21.8	86	86	79	72	77	87	------
29	61.47	61.91	62.95	60.31	61.44	63.05	21	20	29.5	30.1	26.8	24	33.3	19.5	85	90	56	58	73	85	------
30	63.05	63.36	64.41	62.73	63.09	64.01	22.2	22.1	27.2	28	27	26.1	29.9	21.5	88	89	70	70	75	76	1.5
31	63.35	63.70	64.23	61.95	63.46	64.86	23.1	22.5	29.2	29	27	24	32.9	22.1	88	87	59	61	70	60	------
Mean	60.46	60.81	61.68	59.38	60.05	61.43	23.3	22.4	29.5	29.9	27.2	25	32.2	21.9	84.2	86.4	61.7	62.5	74.2	80.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	3.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	SSE	SSE	NW	NW	N	25.1	40.5	81.1	59.7	206.4	1	------------	S.-Cu.	1	------------	Cu.
2	NE	NE	NW	NNW	NW	Calm	21.5	30	69.2	45.9	166.6	1	------------	S.-Cu.	1	------------	Cu.
3	E	E	ESE	N	N	Calm	29.8	49.9	53.4	48.9	182	1	------------	S.-Cu.	4	------------	Cu.-N.SSW
4	SE	SE	EbyN	NW	NNW	N	34.1	45.1	92	39.9	211.1	10	A.-Cu.	S.-Cu. E	2	A.-Cu.	Cu.
5	Calm	Calm	SE	NW	Calm	S	15.8	34.3	-----	-----	------	2	------------	S.-Cu.	2	------------	Cu.
6	S	S	SE	NNW	N	Calm	60	46.2	73	31.6	210.8	1	Ci.	S.-Cu.	2	Ci.	Cu.
7	S	SSW	WNW	NNW	N	SE	26.4	46.2	65.7	54.9	193.2	0	------------	S.-Cu.	1	------------	Cu.
8	SSE	E	SSE	NNW	Calm	E	45.9	42.8	45.4	26.9	161	0	Ci.	Cu.	3	A.-Cu.	Cu.
9	SSE	SE	SE	N	E	SE	49.3	82.9	75.9	38.1	246.2	3	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.
10	SE	SSE	ESE	SE	SE	Calm	33	66.2	103.2	50.5	252.9	1	------------	S.-Cu.	2	A.-Cu.	Cu.
11	S	SE	SSE	ESE	N	SE	49.9	71.1	68.1	29.3	218.4	1	------------	S.-Cu.	9	A.-Cu. SSE	Cu.-N.
12	E	SSE	SSE	NNW	Calm	Calm	41.5	88.2	60.6	22.2	212.5	1	------------	S.-Cu.	1	------------	Cu.
13	SE	SE	E	NNE	Calm	Calm	33.3	41.8	39.2	11.3	125.6	2	Ci.-Cu.	S.-Cu.	10	A.-S.	N. SE
14	SW	S	SSE	NNW	SE	Calm	39.7	46.7	71.8	30	188.2	0	Ci.	Cu.	1	Ci.	Cu.
15	SE	SE	SE	N	N	N	27.6	31.7	61.5	45.3	166.1	8	A.-Cu.	S.-Cu.	4	A.-Cu.	Cu.
16	N	N	SSE	SE	Calm	SE	23	46.2	53.3	39.4	161.9	2	Ci.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
17	SE	Calm	N	NNW	N	SSE	33.2	37.3	61	53.7	185.2	1	Ci.	S.-Cu.	9	Ci.-S.	Cu.
18	S	S	S	SE	Calm	S	33.8	48.3	64.9	63.8	210.8	9	A.-Cu.	S.-Cu.	9	A.-Cu. SE	Cu.
19	S	S	S	NNW	Calm	S	69.2	62	52.5	57.9	241.6	10	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
20	S	S	S	NNW	N	S	62.6	56	56.6	40.7	215.9	1	Ci.	S.-Cu.	8	A.-Cu.	Cn.
21	SSE	S	SSE	NNW	NNW	W	75.3	76.1	50.4	40.2	242	1	Ci.	Cu.	9	Ci.-S.	Cu.
22	S	S	SbyE	NW	NW	NW	21.4	36.4	78.4	72.1	208.3	1	A.-Cu.	S.-Cu.	1	Ci.	Cu.
23	NW	Calm	W	NW	NW	SW	22.8	37	81	37.8	178.6	8	A.-Cu.	S.-Cu. SE	3	Ci.	Cu.
24	SW	SSW	S	NNW	NW	SW	28.5	37.2	71.1	33.2	170	1	Ci.	S.-Cu.	9	Ci.-S.	Cu.
25	Calm	S	S	NNW	N	NW	24.7	36.4	56.3	53.3	170.7	1	Ci.	Cu.	10	Ci.-S.	Cu.
26	NW	NW	NW	NW	NW	NNW	17.1	70	108.8	128.1	324	7	Ci.-S.	S.-Cu.	2	Ci.	Cu.
27	NW	NNW	NNW	NNW	NNW	NNW	122.3	114.6	127.1	118	482	9	Ci.-S.	S.-Cu.	9	Ci.	S.-cf. NNE
28	NNW	N	NW	NWbyW	N	NW	81.6	67.3	86.9	34	269.8	10	A.-Cu.	Fr.-Cu. NNW	9	A.-Cu.	S.-Cu.
29	S	SE	SSE	SE	N	NW	40.5	66.2	63.3	21.5	191.5	1	Ci.	S.-Cu.	7	------------	S.-Cu. ESE
30	NW	Calm	NW	NW	NW	Calm	15	28.4	64.4	38.1	145.9	8	A.-Cu.	S.-Cu.	10	A.-S.	S.-Cu.
31	SW	Calm	SSE	NNW	Calm	S	24.4	38.1	38.3	36.4	137.2	9	A.-Cu.	S.-Cu.	3	Ci.-Cu.	Cu.
Mean	------	------	------	------	------	------	39.6	52.3	69.1	46.8	209.2	3.6	------------	------------	5.4	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.66	60.55	61.56	60	60.28	61.21	24.7	25.5	29.5	29.4	27	25.1	31.6	23.6	87	85	64	72	86	92	2
2	60.28	60.05	60.09	57.98	58.10	59.44	24.3	23.1	28	29	26.9	23.2	30.7	22.9	95	95	77	74	83	95	------
3	59.27	59.42	60.50	59.05	59.54	60.48	22.4	23.6	29.2	30.9	27	26.1	32.6	21.9	95	91	67	68	84	87	------
4	60.06	60.25	61.96	60.26	60.51	61.13	24.6	22.4	29.4	31.6	27.1	26.6	32.5	22.1	92	95	66	62	81	89	2.8
5	60.36	60.12	60.86	59.01	59.29	60.53	26	24	29.4	30.6	27	26.6	31.9	23.5	91	93	66	68	81	87	------
6	59.59	59.69	60.04	58.22	58.54	59.60	26	24.3	27.6	29.6	27.1	23.9	30	23.5	92	93	74	69	83	83	4.1
7	59.36	59.47	60.43	58.73	58.72	59.91	22.4	23.6	27.6	29.5	26.3	26	30.1	21.9	92	90	76	68	75	84	------
8	59.27	59.50	60.61	58.90	59.12	60.64	22.3	21.1	28.5	30.4	27	26.2	31.2	20.9	93	95	70	63	84	82	------
9	59.75	59.61	60.24	58.33	58.40	59.42	23.4	23.5	29.4	29.4	27	26.6	30.6	22.5	95	95	75	75	84	87	------
10	58.78	58.77	59.70	57.68	58.28	59.29	25.2	22	29.5	29.6	27.6	26.3	31.6	21.9	92	96	71	70	81	90	6.3
11	58.69	59.06	60.53	59.28	59.80	59.72	24.5	24.1	27.8	24.2	24	23.2	28.6	22.9	92	91	79	90	91	97	29.7
12	59.23	59.62	60.62	58.81	59.68	60.82	23.1	23.1	28.1	29.7	26.7	24.6	30.3	22.6	91	86	69	66	80	92	1.5
13	60.45	60.65	61.94	59.63	60.27	60.49	23.7	23.6	27.6	29.1	27	26.2	30.6	23.1	91	85	76	66	77	82	------
14	60.13	60.47	61.75	59.83	60.71	61.44	25.7	24	29	30	27	26.1	31	23.6	90	93	74	69	77	82	------
15	60.99	61.27	62.72	60.60	61.12	61.99	23.1	23.1	29.3	29.9	27	26.1	30.5	21.6	90	94	74	70	80	81	------
16	61.52	61.63	63.21	60.90	61.22	61.64	24.9	24.6	28.6	29.6	27	26	30.6	24	87	90	75	67	74	78	------
17	60.62	60.79	62.48	60.71	60.76	61.37	25.5	25.4	29	28.9	26.2	25.3	30.1	24.8	74	74	65	71	76	80	------
18	60.87	61.08	62.98	60.97	61.01	61.77	24.9	24.9	28.2	28.7	25.6	25.1	29.1	24.4	79	76	68	66	79	77	------
19	60.88	60.80	62.01	60.18	60.68	61.45	24.8	24.1	28.4	28.6	25.9	21.1	29.7	20.4	77	75	68	66	75	91	------
20	61.48	61.55	62.19	60.61	60.78	61.34	21.1	19.1	27.6	29.4	26.4	21.9	30.2	19	94	96	67	71	78	91	------
21	61.18	61.40	62.74	61.10	60.98	61.11	20.5	19.9	27.5	30	26.5	25.2	30.4	19.6	95	97	77	65	79	76	------
22	61.08	61.92	63.48	61.83	61.54	62.11	25.2	25.1	28	29.1	26.6	25.2	29.6	22.6	77	80	70	68	75	85	------
23	61.67	62.01	62.95	61.21	61.53	62.24	22.1	22.4	29.1	30.6	27.5	26	32	21	91	86	63	68	76	84	------
24	62.20	62.51	63.68	61.87	62.03	62.96	23	21.6	28	29.9	26.5	25.7	30.6	21	90	95	74	69	78	82	------
25	62.91	63.32	64.82	63.18	63.57	64.10	25.6	25.5	27.5	27.5	25.5	25.2	28.5	24.7	83	80	73	71	76	76	------
26	63.48	63.84	65.07	63.13	63.21	64.22	24.7	24.6	27.9	28.6	25.4	25	29.5	23.7	75	75	68	65	77	76	------
27	63.55	63.74	64.44	62.47	62.61	63.84	24.1	21	27.9	29.7	25.5	23.8	30.1	20.9	82	83	57	54	70	77	------
28	63.18	63.39	65.05	63.38	63.41	64.48	20.6	22	25.9	28.4	26	24.5	29.7	20.2	85	71	60	61	66	75	------
29	63.98	63.76	64.82	63.28	63.36	64.39	21.4	18.6	27.1	28.9	25.7	22.6	29.6	18.1	91	95	68	59	73	84	------
30	64.05	63.96	65.04	63.23	62.79	63.83	20.5	20	27	29	26	24.5	29.9	19.4	87	91	65	64	79	80	------
31	63.64	63.62	65.02	62.70	62.59	64.49	20.1	18.6	27.7	29.4	26.6	23	31.6	18.1	85	92	58	59	72	76	------
Mean	61.07	61.22	62.37	60.55	60.79	61.66	23.6	22.9	28.2	29.3	26.5	24.9	30.5	21.9	88.1	88.2	69.5	67.5	78.4	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	46.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	NNW	2	E	4	NNE	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	------	S.-Cu.
2	SSE	1	SSE	2	E	4	NNE	4	NNE	2	SSE	1	10	------	N.-cf.	10	Ci.-S.	S.-Cu.
3	SE	1	SE	2	ESE	4	NNE	4	NNE	4	NNE	4	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
4	S	1	S	1	SE	4	N	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
5	NNE	3	S	1	SE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
6	NE	2	SE	2	SE	3	W	3	SE	1	SE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
7	SSE	2	SE	2	ENE	4	NNE	3	NNE	3	NNE	2	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Fr.-Cu. NNE
8	SSE	1	SSE	1	ESE	4	E	4	NNE	4	ESE	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
9	SE	1	SE	1	NNE	4	NNE	4	NNE	4	NNE	4	5	Ci.-S.	S.-Cu.	10	------	Cu. NNE
10	SSE	1	S	1	E	4	SE	4	NNE	4	SE	2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
11	SSE	2	SE	2	SE	3	S	2	SSE	1	SSE	1	10	Ci.-S.	S.-Cu.	10	------	N.
12	SE	2	SE	4	SE	4	E	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
13	SE	2	SE	4	E	3	E	2	NNE	3	NNE	4	10	Ci.-S.	S.-Cu. S	9	Ci.	S.-Cu.
14	ESE	1	SSE	1	E	3	NW	4	NW	4	NNE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
15	S	2	SE	2	NNE	3	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	7	Ci.	Cu.
16	NNE	3	SE	1	NNE	4	NNE	4	N	4	NNE	4	9	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
17	NNE	4	NNE	4	N	4	N	4	N	4	N	4	2	Ci.-S.	S.-Cu.	10	------	Cu. NbyE
18	N	4	N	4	NNE	4	N	4	NNW	4	N	5	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Cu. N
19	N	4	NNE	4	NE	4	N	3	NW	3	SSE	1	5	Ci.-S.	S.-Cu.	5	Ci.	Cu.
20	SSE	1	SE	1	E	2	WNW	4	WNW	2	S	1	3	Ci.-S.	S.-Cu.	10	Ci.	Cu. NW
21	SSE	1	S	1	NW	3	NNW	4	NW	4	NNE	4	7	Ci.-S.	S.-Cu.	1	Ci.	Cu.
22	NNE	4	NNE	4	NNE	4	NNE	4	N	4	NE	2	10	Ci.-S.	S.-Cu.	3	------	Cu.
23	SSE	1	SSE	2	SSE	4	WNW	4	WNW	4	NE	2	3	Ci.	S.-Cu.	3	Ci.-S.	Cu.
24	SSE	1	SSE	1	NNE	4	NNW	4	NNW	4	N	4	9	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu. NNW
25	NNE	4	NNE	4	NNE	5	E	6	N	6	N	7	10	Ci.-S.	N.-cf. NNE	10	Ci.-S.	Cu. NbyE
26	NNE	5	NNE	4	NNE	4	NNE	4	N	5	N	5	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
27	S	2	S	2	SE	4	ESE	4	N	4	ENE	2	1	Ci.	S.-Cu.	1	Ci.	Cu.
28	SSE	2	SSE	4	SSE	4	NNE	3	N	3	NNE	3	10	Ci.-S.	S.-Cu.	1	------	Cu.
29	S	1	S	1	E	3	NNE	4	NNE	4	SSE	2	2	Ci.-S.	S.-Cu.	1	Ci.	Cu.
30	S	1	S	1	N	3	NNE	4	N	5	S	2	6	A.-Cu.	S.-Cu.	7	A.-Cu.	S.-Cu.
31	SSE	1	SSE	1	S	3	NNE	4	NNE	3	SSE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
Mean	------	2	------	2.2	------	3.7	------	3.8	------	3.6	------	2.9	8.1	------	------	7.5	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.19	64.44	65.47	63.32	62.99	63.85	21.5	19.7	27.8	29.6	26.1	23.1	30.1	19.1	84	89	65	63	73	70	------
2	63.01	63.30	64.44	62.53	62.66	63.15	22.1	21.7	28.1	29.1	26	24.5	30.6	20.6	76	76	61	64	67	77	------
3	62.49	62.31	63.14	61.05	60.59	61.73	19.9	20.6	28.1	30.5	26.5	22.9	30.9	19.6	85	85	57	55	70	84	------
4	61.29	61.03	61.59	59.78	59.53	61.17	21.5	20.6	28	30.6	26.5	25.1	31.1	19.9	84	84	58	50	66	79	------
5	60.94	60.98	62.12	60.35	60.38	61.81	24.9	21.7	28.5	29.9	26.5	25.5	31.6	21	83	82	55	54	74	80	------
6	61.72	61.36	62.37	60.48	60.73	61.81	23.5	21	29	30	26.9	26	32.1	20.8	87	93	62	60	75	76	------
7	61.24	61.05	62.02	60.41	60.21	61.09	23.9	23.1	28.9	30.5	27	26.2	32	22.9	78	82	62	55	77	77	------
8	60.44	60.27	61.31	59.71	59.73	60.98	22.8	22.6	29.6	31.6	27.7	25.6	32.6	21.6	88	88	58	57	68	82	------
9	60.39	60.49	62	60.22	60.03	61.16	24.1	24.2	29.9	31.2	27.6	26.2	31.5	23.8	77	71	56	62	76	79	------
10	60.56	60.83	62.24	60.93	60.98	62.01	25	24	28.5	30	26.1	25.8	30.6	22.9	88	91	70	66	79	82	------
11	61.56	61.28	62.34	60.91	60.83	62.31	25.2	24.5	29.6	29.9	26.5	25.3	30.5	23.5	79	85	64	66	80	84	------
12	62.05	62.38	63.63	61.47	61.19	62.68	21.4	21.1	28.6	31.2	26.6	24.3	31.9	19.1	93	89	49	50	68	71	------
13	62.05	62.17	63.12	61.07	61.17	62.59	23.7	23.6	29	31.1	26.9	25.1	32.3	23	70	70	52	48	72	83	------
14	61.81	62.44	63.74	61.77	61.97	63.71	22.1	21.6	28.5	31.6	27.6	25	32.6	20	91	87	57	54	73	84	------
15	63.03	62.75	64.33	62.71	62.93	64.49	23.3	23.1	28.5	30.3	27	25.9	30.9	23	82	83	64	60	75	78	------
16	63.77	64.05	65.16	62.36	61.97	62.83	25.3	25.1	28.6	29.1	26.6	23.3	30.9	21.9	76	76	66	62	72	86	------
17	62.12	62.06	62.83	60.75	60.41	61.68	22.9	22.5	29.7	31.8	27.2	23.4	32.5	21.9	84	82	50	39	71	83	------
18	60.94	60.84	61.97	59.32	59.60	60.98	20.1	21.5	28.5	30.5	27.7	26.6	32.5	19.1	91	82	57	53	70	75	------
19	60.35	60.37	61.39	59.85	59.52	60.89	23.6	21.1	29.6	30.6	26.6	25.7	31.9	20.9	79	91	57	58	70	79	------
20	60.12	59.99	60.48	59.24	59	60.04	24	20.9	29	29.7	26.7	26.1	31.5	19.4	77	85	55	63	75	82	------
21	59.82	59.46	59.22	57.71	58.63	59.08	24	23.1	30.2	33	27.5	26.4	33.8	22.3	90	88	58	50	77	81	------
22	58.24	58.55	59.49	57.40	57.60	59.42	25	24.6	31.6	31.5	27.9	26.9	33.6	22.1	85	75	51	60	77	81	------
23	58.58	58.54	59.03	57.36	57.46	59.08	25.5	23.3	31.6	32	28.3	27	32.9	22.9	85	83	51	51	73	81	------
24	58.81	59.17	60.02	58.63	58.18	59.83	24.7	23.6	30.1	32.1	27.7	26.5	33.2	23.1	87	78	53	54	79	84	------
25	59.77	59.77	61.30	59.37	59.18	60.17	23.5	23.1	29.9	31.6	28	26.6	33.8	22.4	87	83	56	55	70	81	------
26	59.49	59.61	60.83	59.07	58.87	59.72	26.2	26	28.5	29.9	26.5	25.5	30.7	25.1	81	81	72	65	76	79	------
27	59.31	59.82	61.01	58.84	58.27	59.23	25.2	25.2	26.3	29.5	26.5	25.5	30.1	25	77	77	73	61	75	80	1.3
28	58.69	59.23	61.02	59.45	59.54	60.68	25.4	24.5	29	30.3	26.1	25.4	31.5	24.3	80	91	65	60	72	83	------
Mean	60.96	61.02	62.06	60.22	60.15	61.36	23.6	22.8	29	30.7	27	25.4	31.8	21.8	83	83.1	59.1	57	73.2	80	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	3	SE	2	ESE	4	N	4	NNE	3	SSE	3	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
2	SSE	4	SE	2	SE	4	NNE	4	NNE	4	NNE	2	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
3	SE	2	SE	2	SE	4	NNE	4	NNE	4	SSE	2	1	Ci.	S.-Cu.	1	Ci.-S.	Cu.
4	SSE	2	SE	2	SE	5	E	4	NNE	4	NNE	4	1	Ci.	S.-Cu.	1	------------	Cu.
5	NE	2	SE	2	SE	4	NNE	4	N	4	NNE	4	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
6	SE	1	SSE	1	ESE	4	NNE	4	NNE	4	NNE	3	1	Ci.-S.	S.-Cu.	8	A.-Cu.	S.-Cu.
7	SSE	2	SSE	2	ESE	4	NNE	4	NNE	4	NE	2	10	Ci.-S.	S.-Cu.	10	------------	S.-Cu.
8	S	1	SE	2	SE	4	NNW	4	NNE	3	SSE	2	10	Ci.-S.	S.-Cu.	4	A.-Cu.	S.-Cu.
9	SSE	4	SSE	4	SE	4	W	4	WNW	3	NW	2	10	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.
10	ESE	1	ESE	1	NNE	4	NNE	4	NNE	5	NNE	5	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu. NNE
11	NNE	4	ESE	2	NNE	4	NNE	4	NNE	4	SSE	3	10	------------	S.-Cu.	2	------------	Cu.
12	S	1	SE	2	SE	5	E	3	N	4	SSE	3	8	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
13	SE	4	SE	4	SE	4	E	4	NNE	4	S	1	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
14	S	1	SSE	2	SE	5	W	4	WSW	2	SSE	2	2	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
15	SE	4	SSE	4	SE	4	NNE	4	NNE	4	NNE	5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16	NNE	5	NNE	4	NNE	4	NNE	5	NNE	4	SSE	2	7	Ci.-S.	S.-Cu. NE	1	Ci.	Cu.
17	SE	2	SE	2	SE	5	E	4	NNE	3	SSE	2	3	Ci.-S.	S.-Cu.	1	------------	Cu.
18	SSE	1	SSE	2	SE	4	NNE	4	N	2	NNE	4	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
19	SSE	2	SSE	1	ESE	4	N	4	NNE	5	NE	2	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
20	SSE	2	SE	2	SE	3	NNE	4	NNE	4	NNE	4	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
21	SE	1	SSE	2	ESE	4	E	4	NE	2	ESE	1	6	Ci.	S.-Cu.	5	A.-Cu.	Cu.
22	SE	2	SE	4	SSE	4	WNW	4	WNW	4	NNE	4	8	Ci.	S.-Cu.	1	------------	Cu.
23	ENE	2	SE	2	SE	4	E	4	WNW	3	NNE	4	3	A.-S.	S.-Cu.	1	------------	Cu.
24	SSE	2	SSE	3	SE	4	N	4	NW	3	SSE	2	6	------------	S.-Cu.	1	------------	Cu.
25	S	1	SE	4	SE	4	N	4	NNE	2	NNE	4	3	A.-S.	S.-Cu.	1	------------	Cu.
26	NNE	4	NNE	4	NNE	5	NNE	4	NNE	5	NNE	5	10	Ci.-S.	Cu. NNE	1	------------	Cu.
27	NNE	5	NNE	5	NNE	4	NNE	5	NNE	4	NNE	5	10	Ci.-S.	Cu. NNE	1	------------	Cu.
28	NNE	5	SSE	1	NNE	4	NNE	4	NNE	5	NNE	5	10	Ci.-S.	S.-Cu.	1	------------	Cu.
Mean	------	2.5	------	2.5	------	4.1	------	4	------	3.6	------	3.1	6.7	------------	------------	3.8	------------	------------

BOLINAO.

MARCH, 1913.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.05	60.74	62.54	60.72	60.51	61.37	25.2	22.1	29.9	29.4	26	25.6	31	22	83	91	62	62	76	79	------
2	60.67	61.14	62.06	60.03	59.22	60.39	25.4	22.4	30.1	30	26.7	26	31.9	22.3	84	85	52	59	72	84	------
3	59.79	60.07	61.40	59.57	59.24	60.03	23.9	21.5	29.9	30.5	27.1	26.6	32.4	21	90	93	58	62	77	83	------
4	59.54	59.74	60.73	58.76	58.69	59.94	26	22.1	31	30.5	27.5	24.5	33.1	21.9	87	91	46	62	68	80	------
5	59.49	59.59	61.07	59.07	58.83	59.78	24.5	25	29.1	30.6	26.9	26.6	32	24.1	80	77	62	64	74	80	2.3
6	59.44	59.54	60.71	58.78	58.53	59.99	23.6	24.1	29.9	30.5	27.1	26.4	31.5	23.6	89	91	66	65	80	82	------
7	58.93	58.80	59.60	57.95	57.77	59.24	24.8	22.5	30.9	30.7	27.4	26.6	32	22.1	87	91	63	67	77	83	------
8	58.23	58.09	58.61	56.40	56.78	58	25.5	24.6	30.9	31.5	27.9	25.6	33.7	24.4	87	90	60	65	79	87	------
9	57.38	57.29	58.13	56.70	56.58	57.99	25.5	26	29.9	31	27.1	26.9	32.5	24.6	84	84	69	65	84	86	------
10	57.84	57.71	58.90	57.55	57.46	58.73	26.6	25	31.5	31.5	27.6	26	32.6	24.9	87	92	67	68	84	89	------
11	58.51	58.71	59.23	57.92	57.80	59.33	24.5	22.6	32.1	32.1	27.9	26.9	33.5	22.1	86	87	46	65	79	84	------
12	59.02	59.22	60.01	57.95	57.68	58.70	25.8	22.5	30.1	31.6	27.9	26.5	32.9	22.1	88	91	70	63	79	81	------
13	58.35	58.86	60	57.50	57.28	59.49	26	25.9	30.1	31.7	27.6	26.5	32.1	25.6	82	82	64	59	76	80	------
14	58.96	59.41	60.51	58.41	58.14	60.48	26.1	26.1	29.6	31	27.5	26.6	31.8	25.7	79	76	63	63	74	79	------
15	59.15	59	59.92	57.90	58.10	59.29	24.5	24.1	31	32	28.7	25.9	33.9	23.8	87	88	53	51	76	84	------
16	58.45	58.91	59.72	57.95	58.10	59.19	24.2	23.9	30.6	32.4	27.9	27	34.8	22.1	90	80	50	56	74	81	------
17	59.35	59.40	59.55	57.31	57.70	59.67	24.5	23.2	31	32.4	27.9	24	32.6	23	87	81	44	52	74	87	------
18	58.90	59.02	60.26	57.98	57.71	59.61	23.4	22.4	29.6	32.4	28.6	27.9	32.9	21.4	90	88	58	51	66	74	------
19	58.66	58.76	59.73	57.62	57.95	59.41	24.5	23.1	30.9	32.6	29	27.7	34.9	22.5	90	91	49	46	72	80	------
20	59.21	59.41	60.36	58.46	57.83	59.06	25	24	31.7	32.6	29	25.1	34	23.5	83	67	41	53	68	83	------
21	58.57	58.48	59.11	57.11	57.07	57.94	23.2	23.1	31.1	32.1	28.6	27.1	32.5	22	83	81	57	59	70	77	------
22	57.32	57.92	59.51	57.73	57.13	58.19	23.6	23	31	32.6	28.9	27.5	33.5	22.4	87	91	63	61	71	78	------
23	57.39	57.66	58.60	56.93	56.91	59.19	25	22.5	31.5	32.6	28.7	27.4	34.1	22.3	88	91	54	54	72	74	------
24	58.84	59.30	61.10	59.44	59.19	60.62	26.8	26.7	30.6	32	28.1	27.4	32.8	26.5	78	78	64	60	69	74	------
25	60.23	60.53	62.21	60.20	59.33	60.23	26.6	26.6	28.6	30.1	26.7	26.6	31.5	26.1	80	80	71	65	78	84	------
26	59.76	59.67	60.93	59.11	58.99	60.44	24.4	23.9	30.3	32.5	28.5	27	33.1	23.4	88	90	60	59	73	56	------
27	59.96	60.58	61.62	59.42	59.73	61.30	25.5	23.1	31.5	32.6	29	27.5	34.1	23.1	61	73	44	47	64	77	------
28	60.97	61.28	62.20	60.07	59.40	60.66	24.5	23.6	31.7	32.6	28.5	26.9	33.4	23.5	87	88	56	58	76	78	------
29	60.43	60.83	61.93	59.85	59.55	60.67	26.5	26.4	31.6	32	27.7	26.9	32.8	26	81	81	60	63	80	78	------
30	60.03	60.36	61.31	59.29	58.91	60.56	26.5	25.5	32.5	31.9	28.5	27	34.5	25.1	81	87	47	61	78	84	------
31	60.06	60.09	61.27	59.45	59.56	61.04	25	22.1	31.5	32.1	28.5	27.2	34.8	21.9	88	90	53	53	74	78	3
Mean	59.14	59.36	60.41	58.49	58.31	59.69	25.1	23.9	30.7	31.6	27.9	26.6	33	23.4	84.6	85.4	57.2	59.3	74.6	80.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	4	S	1	NNE	4	NNE	4	NNE	5	NNE	5	4	Ci.	S.-Cu.	1	------	Cu.
2	NNE	3	SSE	1	ESE	4	N	4	NNE	4	NNE	2	8	Ci.-S.	S.-Cu.	3	Ci.	Cu.
3	SSE	1	SSE	1	E	4	NNE	4	NNE	4	N	4	3	A.-S.	S.-Cu.	4	Ci.	Cu.
4	NE	3	SE	1	ESE	4	NNE	4	N	4	S	1	2	A.-S.	S.-Cu.	3	------	S.-Cu.
5	SSE	2	SSE	2	ESE	3	NNE	4	NNE	4	NNE	3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
6	SSE	2	SE	1	E	4	NNE	4	NNW	4	NNE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
7	SE	1	SSE	2	NW	4	WNW	4	WNW	4	NNE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. NW
8	S	1	SSE	2	ESE	4	N	4	NNW	4	SSE	1	10	Ci.-S.	S.-Cu.	2	------	Cu.
9	NNE	3	NNE	2	NNE	3	NNE	4	NNE	4	NNE	4	9	Ci.-S.	Fr.-Cu. NNE	10	Ci.-S.	Cu.
10	NNE	3	S	1	NNE	4	NNE	4	NNE	4	S	2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
11	SSE	2	SE	2	SE	4	WNW	4	WNW	3	WNW	2	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. NW
12	S	1	S	1	NNW	3	NW	4	NNW	4	NNE	4	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
13	NNE	4	NNE	4	NNE	4	N	4	NNW	4	NNE	4	10	Ci.-S.	Cu. NNE	3	Ci.	Cu.
14	NNE	4	NNE	4	NNE	4	NNE	4	N	4	NNE	3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu.
15	SSE	2	SSE	2	SE	4	NNE	4	N	2	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16	SSE	1	S	2	SE	6	WNW	4	W	4	NW	2	2	A.-S.	S.-Cu.	1	Ci.	Cu.
17	SSE	2	SSE	2	SE	5	WNW	4	W	4	S	2	4	A.-S.	S.-Cu.	1	------	Cu.
18	SSE	1	SSE	2	ESE	4	N	4	NNW	4	N	4	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
19	S	1	S	1	SE	4	NNE	4	N	4	NE	2	6	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
20	SSE	2	S	4	SE	5	W	4	WNW	3	S	2	10	Ci.	S.-Cu.	10	Ci.	Cu.
21	SSE	2	SSE	2	SE	4	NW	4	WNW	4	NE	2	4	Ci.-S.	S.-Cu.	7	Ci.	Cu.
22	S	1	S	1	NNE	3	NNW	4	NNW	3	NNE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
23	S	1	S	1	SE	4	N	4	NW	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
24	NNE	4	NNE	4	N	4	N	4	N	4	NNE	5	6	A.-S.	S.-Cu.	2	------	Cu.
25	N	5	N	5	NNE	5	NNE	5	NNE	5	NNE	4	9	Ci.-S.	Cu. NNE	10	Ci.-S.	Fr.-Cu. NNE
26	S	1	S	1	ESE	4	N	4	NNE	2	SE	5	4	A.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
27	SE	4	S	2	SSE	4	N	4	WNW	2	NNE	2	10	A.-S.	S.-Cu.	3	Ci.-S.	Cu.
28	SSE	1	S	1	NNE	4	NW	4	NNE	4	NNE	5	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
29	NNE	4	NNE	4	NNE	4	N	4	NNE	4	NNE	4	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.
30	NNE	3	S	2	SSE	4	NW	4	WNW	4	S	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
31	S	1	SSE	1	E	4	NNE	4	NNW	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
Mean	------	2.3	------	2	------	4	------	4	------	3.8	------	3.1	8	------	------	6.5	------	------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.17	60.12	61.16	58.82	58.38	60.06	27	24.3	28.4	32.1	28.1	27.2	33.5	24	80	88	68	52	76	80	------
2	59.04	59.39	60.56	58.47	58.08	59.14	26.4	24.4	30.9	32.4	27.7	26.9	34	24.1	84	82	48	54	77	78	------
3	58.50	58.88	60.10	58.38	58.14	59.53	26.4	24.1	30.5	31.7	27.5	26.9	32.4	24.1	82	87	63	62	70	77	------
4	59.12	59.14	60.38	58.31	58.55	60.11	26.5	24.5	30.9	33.9	28.5	27.1	34.5	24.4	80	87	51	38	70	77	------
5	59.61	59.64	60.28	58.27	57.97	59.55	25.3	24	31.4	32.2	28.6	27.7	32.8	23.6	82	81	52	53	66	77	------
6	58.83	58.87	59.50	57.67	57.55	58.63	25.1	24.1	30	31.6	28.1	27.1	33.6	23.1	84	82	56	59	76	77	------
7	57.86	57.99	59.22	57.73	57.86	59.19	25	23.4	30.4	32.7	28.6	25.2	33.1	23.1	83	90	60	60	73	85	------
8	58.53	58.60	59.77	57.77	57.98	59.66	24.4	23.1	32.4	33	29.1	28.1	34.4	22.9	87	91	62	53	67	76	------
9	58.98	58.84	59.71	57.86	58.08	59.71	25.8	23.5	31.1	33.1	28.9	27.4	33.8	23.1	85	88	60	55	72	78	------
10	58.91	58.89	59.61	57.88	57.87	59.48	25.1	24.5	32.5	33.1	29	28	33.4	23.7	83	87	49	60	71	77	------
11	58.67	58.76	59.56	58.06	58.18	59.33	25.1	24	32.1	33	28.6	27.5	34.4	23.7	87	91	57	59	73	78	------
12	58.81	59.21	59.72	58.40	58.31	59.96	26.9	24.6	31.6	32.6	28.9	27.2	34.1	24.1	83	88	66	64	74	79	------
13	58.99	59.21	60.01	58.15	57.80	59.30	26.9	24.7	33	33	29.1	28.5	34.6	24	83	93	57	61	75	80	------
14	58.52	58.96	60.29	58.39	57.90	59.85	25.6	26	33	32.9	29.5	28	34.1	25.4	81	79	64	63	71	80	------
15	58.65	58.58	59.57	57.34	57.20	59.14	25.1	25.1	31.6	32.9	29.5	26.1	33.6	24.6	90	90	63	61	72	87	------
16	58.36	58.17	59.35	57.32	57.21	59.41	25.1	23.5	30.9	32.6	29	26.6	33.6	22.8	88	91	67	59	69	80	2.8
17	58.54	58.58	59.37	57.56	57.63	59.92	26.4	26	31.4	32.4	29.1	24.8	33.9	24.1	86	89	63	62	75	90	27.2
18	59.04	58.94	60.16	58.52	58.71	60.07	24.2	25	29.1	28.6	29.1	26.1	32.9	23.7	90	92	74	64	70	87	------
19	58.93	58.76	60.56	59.37	57.77	59.83	25.1	25.1	26.6	26.4	26.5	24.2	27.1	23.6	88	87	83	86	86	91	2.5
20	59.20	59.50	60.71	58.21	58.85	60.16	24.5	23.6	30.3	32.6	29.1	27.7	34.4	22.6	90	91	64	57	75	86	------
21	59.76	59.58	59.97	57.98	58.37	59.75	25.8	25.1	31.1	33.6	30	27.9	35	24.6	88	85	56	56	65	83	------
22	59.26	58.99	59.71	58.63	58.07	59.28	25.6	25.1	32	32.6	29.6	28.5	34.9	24.9	87	77	48	61	71	78	------
23	58.54	58.80	59.10	56.73	56.56	58.03	26.5	24.9	32.5	35.9	29.6	26.6	36.1	24.6	84	77	47	32	68	80	------
24	57.31	57.31	58.15	56.43	56.81	58.38	26	25.6	32.4	35.4	29.7	26.4	35.6	23.9	70	82	44	41	66	81	------
25	57.32	57.65	58.19	56.39	57.13	58.81	25.5	25.6	32.1	32.6	29.6	27.7	33.6	24.9	74	75	51	61	77	84	6.9
26	57.83	57.99	59.08	57.26	57.33	58.91	24.4	24.7	31.2	32.7	29.9	27.6	33.9	23.5	82	79	48	60	73	84	------
27	57.82	58.20	59.26	57.82	57.30	58.71	24.9	23.1	32.4	32.6	30.1	28	34	23.1	87	86	58	62	74	83	------
28	57.85	57.94	58.82	57.03	57.10	58.61	26.4	23.6	32.9	33.6	30.5	27.2	35.9	23.3	86	87	50	50	69	84	------
29	58.05	58.14	58.52	56.25	56.57	57.90	25.2	24.6	32.3	32.9	30.1	29.4	35.9	22.9	87	82	51	53	68	76	------
30	57.09	57.67	57.97	56.34	56.02	57.40	26.4	26.1	33.1	32.9	30.1	28.9	34.3	25.9	76	76	50	61	70	76	------
Mean	58.60	58.71	59.61	57.78	57.71	59.26	25.6	24.5	31.3	32.6	29.1	27.2	33.9	23.9	83.9	85.3	57.7	57.3	72	81	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	39.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NNE	4	SSE	2	SE	3	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
2	NNE	3	SE	4	SE	4	WNW	4	NNE	4	NNE	4	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3	NNE	3	S	2	NNE	4	N	4	N	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
4	NNE	3	S	2	ESE	4	E	4	WNW	4	NNE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
5	SSE	2	S	2	SE	4	NW	4	WNW	4	NNW	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
6	SE	1	S	2	ESE	4	NW	4	WNW	4	NNW	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
7	SSE	2	ESE	1	E	4	NNW	4	WNW	3	S	2	9	Ci.-S.	Cu.	4	Ci.-S.	Cu.
8	SSE	2	S	1	N	4	N	4	NW	4	N	3	3	A.-S.	S.-Cu.	1	------	Cu.
9	SSE	1	S	2	E	4	NW	4	NW	4	S	1	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
10	S	2	S	2	E	4	NW	4	WNW	4	N	4	4	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
11	SE	1	S	1	SE	4	NW	4	N	4	NNE	4	5	------	S.-Cu.	7	------	Cu. NNW
12	NE	2	S	2	NNE	4	N	4	N	4	NNE	4	10	A.-Cu.	S.-Cu.	2	------	Cu.
13	NE	2	SSE	2	NNE	3	NW	4	N	4	NNE	2	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
14	SSE	2	SSE	4	NW	4	WNW	4	WNW	3	S	2	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
15	SSE	2	S	2	NNE	4	NNW	4	N	4	SE	2	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.
16	SSE	2	SE	1	NNE	4	N	4	NNW	4	SE	2	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.
17	NNE	2	SE	1	ESE	4	NW	4	W	4	S	1	10	Ci.-S.	N.-cf. SE	3	------	Cu.-N.
18	S	2	SSE	1	SE	4	SSE	5	NNE	2	SSE	1	10	------	N.-cf.	10	Ci.-S.	Cu.-N. S
19	SSE	2	SSE	3	ESE	1	WNW	4	S	2	SSE	1	10	Ci.-S.	N.-cf.	10	------	N.
20	SSE	1	S	2	E.	4	N	4	NNE	2	ESE	2	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
21	SE	2	SE	3	SE	5	W	4	NW	4	S	1	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.
22	SSE	2	SSE	3	SE	5	NW	4	NW	4	NNE	4	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
23	SSE	2	SE	2	SE	5	ESE	5	WNW	4	SSE	1	3	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
24	SE	5	SE	4	SE	5	E	4	WNW	3	SSE	2	1	------	S.-Cu.	2	------	Cu.
25	SE	4	SE	4	SE	5	NNE	4	NNE	4	NNE	2	2	A.-Cu.	Cu.	2	------	Cu.
26	SE	2	SSE	3	SE	5	N	4	NNE	4	SSE	2	1	------	S.-Cu.	1	------	Cu.
27	SSE	2	SSE	2	E	2	N	4	NNE	3	SSE	2	1	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
28	SSE	2	SSE	1	E	4	N	4	NNE	3	ESE	1	10	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
29	SSE	1	SSE	2	SE	4	N	4	NNE	4	NNE	2	1	------	Cu.	1	Ci.-S.	Cu.
30	SSE	3	SSE	4	SSE	4	WNW	4	NNW	4	N	4	10	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
Mean	------	2.2	------	2.2	------	4	------	4.1	------	3.6	------	2.3	6.3	------	------	5.4	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.42	57.07	57.84	56.51	56.47	57.66	27.9	25.9	33	33.1	29.7	28.9	34	25.6	84	82	50	55	71	72	13.7
2	57.15	57.21	57.95	56.95	56.62	58.75	25.5	24.6	31.9	32.3	30	29	32.9	24.6	90	92	50	65	69	74	------
3	58.05	58.26	59.20	57.86	57.53	59.46	26.2	24.9	32.1	33.5	30	29.4	34	24.5	85	88	49	54	67	75	------
4	58.07	57.83	58.61	57.10	56.56	58.21	26.1	25.5	32.5	33.4	30.1	29.1	34.2	24.9	84	88	52	59	69	78	------
5	57.01	56.93	57.55	55.98	55.87	57.55	26.2	25.9	32.9	34.3	30.5	26.5	35.5	25.5	83	85	50	50	69	90	12.4
6	56.13	55.99	57.55	56.11	56.08	56.94	25.5	24.7	31.6	31.5	29.5	27.9	33.3	24.4	92	93	71	67	74	88	------
7	55.14	55.23	56.06	54.46	54.78	56.40	26.5	25.9	32.7	33.6	29.6	28.1	34.1	25.7	88	84	53	55	67	70	------
8	54.94	54.22	55.02	54.43	53.65	54.60	26.9	27.9	28.7	26.4	25.4	25.2	29.2	24.9	76	71	71	86	93	93	64.3
9	52.66	52.32	53.73	53.98	54.46	56.06	24.5	23.5	24.6	25.2	25	25.5	25.7	23.1	92	92	96	92	93	93	121.8
10	55.63	55.93	57.32	56.18	56.41	57.67	24.4	24.1	28.5	29.6	27.9	25.6	29.9	24	96	98	86	77	83	92	1
11	56.94	57.11	58.62	56.72	57.46	59.16	25.1	25.3	27.6	30.6	28.5	26.5	31.1	24.9	92	93	80	72	78	89	.8
12	58.18	58.43	58.95	57.80	58.13	59.52	25.8	25.5	30.1	32.5	29.2	26.5	32.9	24.9	88	89	68	60	74	89	.8
13	58	58.51	59.37	57.35	57.58	58.18	25.5	24.5	31.5	32.9	28.6	26.3	33.5	24.1	88	87	60	57	76	89	------
14	57.21	57.86	58.83	57.07	56.68	57.94	25.5	25.5	30.4	31	28.9	25.5	32.4	24.9	92	93	70	69	76	88	------
15	56.26	57.49	59.18	57.31	57.34	59.19	25	24.5	30.9	32.3	29.6	25.6	32.9	24	90	95	64	52	69	88	------
16	58.13	58.58	59.35	58.67	58.93	60.30	25.1	24.6	30.6	31.1	29	26.4	31.9	24.1	92	93	72	71	78	86	-----
17	59.38	59.34	59.89	58.46	58.82	60.46	24.6	25	31.6	32.5	29.4	28.1	33	23.9	90	92	70	66	74	77	------
18	59.40	59.31	59.97	58.26	58.71	60.50	25.8	25.4	30.6	32.5	30	27.9	33.9	24.9	85	88	63	58	69	79	------
19	59.49	59.08	59.80	58.64	58.32	59.43	25.7	25.1	32	32.1	29.9	26.5	34	24.2	89	92	55	66	75	89	------
20	58.80	58.76	59.86	58.32	58.52	59.47	25.6	25.1	31.5	32.9	30.5	28.6	33.8	24.6	90	95	63	61	70	80	------
21	58.22	57.97	59.15	58.58	58.45	58.77	27.3	25.9	31.7	32.6	29.9	28.5	34.2	25.5	91	85	62	57	73	75	------
22	58.19	58.48	58.83	57.50	57.21	58.51	26.5	25.6	31.1	33.1	30	26.6	34.2	25.4	88	87	55	55	66	87	------
23	57.81	57.73	58.23	56.54	56.71	57.61	25.6	25	30.6	33.6	30.9	27.4	34.9	23.9	90	85	63	53	71	81	------
24	57.09	56.75	57.77	56.60	56.91	57.92	26.1	25.6	31.6	32.6	30.1	26.6	34	25.3	84	84	56	69	74	89	------
25	57.49	57.90	58.89	57.45	57.84	59.11	26.3	26.2	32.5	32.6	30.2	27.8	34.2	25.5	91	90	58	63	73	82	------
26	58.41	58.60	59.50	57.70	58.11	61.26	27	26.2	32	32.1	30.2	24.3	33.4	24	84	90	63	69	71	93	25.6
27	58.98	58.99	59.68	57.87	58.40	59.26	24.7	24.9	30.6	31.6	29.6	24.9	32.9	24.1	93	93	72	71	75	92	.8
28	58.30	57.80	58.07	56.56	56.79	58.59	24.9	24.6	30.2	31.5	29.6	25.6	33.1	24.1	93	87	66	67	70	89	.8
29	57.56	57.33	57.83	57.31	56.99	58.76	25.1	25.3	31.1	30.9	30	28.6	33.1	24.6	93	90	64	72	71	78	.8
30	58.55	58.66	59	57.63	57.70	60.30	25.2	25.6	30.9	33.2	30.6	29.3	34.1	24	87	92	60	58	64	79	------
31	58.82	59.15	59.42	57.54	57.25	59.10	27.7	26	31.3	33.6	30.1	27.5	34.1	25.5	82	76	58	48	61	85	------
Mean	57.50	57.57	58.42	57.08	57.14	58.60	25.8	25.3	30.9	32	29.4	27.1	33	24.6	88.5	88.7	63.5	63.7	73	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	242.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NNE	2	SE	3	ESE	4	N	4	NW	4	NNE	4	7	------------	Cu.	2	------------	Cu.
2	S	1	S	1	SE	4	WNW	4	WNW	4	NNE	4	8	Ci.-S.	S.-Cu.	2	------------	Cu.
3	SSE	1	SSE	1	SE	4	NW	4	NW	4	NNE	2	9	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
4	SSE	3	SSE	2	ESE	4	WNW	4	WNW	4	N	2	4	Ci.-S.	Cu. S	2	Ci.-S.	Cu.-N.
5	SSE	2	SSE	2	E	4	NW	4	NW	4	S	1	7	Ci.-S.	Cu.	6	Ci.-S.	Cu.
6	S	1	S	1	NNE	3	NNW	3	NNE	3	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
7	S	1	S	2	SSE	5	SE	5	ESE	4	SE	5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
8	SE	5	SE	6	SSE	6	SSE	4	SE	5	SE	8	10	Ci.-S.	S.-Cu. S	10	------------	N.
9	SE	9	SSE	9	SSW	7	SSW	4	SSW	1	S	2	10	------------	N.	10	------------	N.-cf.
10	SSE	1	SSE	1	W	4	W	4	W	3	SSE	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
11	SSE	2	SSE	2	S	5	S	4	SSW	4	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
12	SSE	2	SSE	2	S	4	WSW	4	WSW	3	SSE	1	10	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu.
13	SSE	2	SSE	2	SSW	4	WSW	4	W	3	SSE	1	7	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
14	SSE	1	S	1	WNW	4	W	4	W	3	SSW	2	9	Ci.-S.	Cu.	4	Ci.-S.	Cu.
15	SSE	2	SSE	1	W	4	SSW	4	WSW	2	S	1	6	Ci.-S.	Cu.	10	Ci.	Cu. SW
16	SSE	1	SSE	2	W	4	W	4	W	3	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WNW
17	S	1	SSE	2	N	4	WNW	4	W	3	WNW	2	9	Ci.-S.	Cu.	5	Ci.-S.	Cu. WNW
18	SSE	2	SE	3	E	4	NW	4	NW	4	NNE	3	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
19	SSE	2	SSE	2	SSE	4	WNW	4	WNW	3	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
20	SSE	1	SSE	1	E	3	NW	4	NNE	3	S	1	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
21	S	1	SSE	3	ESE	4	N	4	NNE	4	NNE	4	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
22	SSE	2	S	2	SE	4	N	4	NW	4	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
23	S	1	S	2	SE	4	E	4	WNW	2	S	2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
24	S	2	S	2	SSE	4	WNW	4	WNW	3	SSE	1	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
25	SE	1	SSE	2	SSE	4	NW	4	NNW	4	Calm	----	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
26	SSE	2	SSE	2	ESE	3	WNW	4	WNW	3	SSE	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27	S	1	S	1	E	4	N	4	E	2	SSE	3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
28	SSE	2	SSE	4	SE	4	W	5	W	4	SSE	2	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
29	S	1	SSE	2	SSE	4	WNW	4	W	3	WNW	2	5	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
30	S	4	S	2	SE	4	E	4	NNW	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
31	NNE	2	SE	4	SE	4	SE	5	NNE	4	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	2	------	2.3	------	4.[illegible]	------	4.1	------	3.4	------	2.3	8.8	------------	------------	7.3	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.38	58.15	58.61	56.88	56.69	58.67	26.6	26.1	32	34.5	31.1	29.6	35	25.9	84	83	57	42	72	78	------
2	57.86	57.90	58.14	57.44	57.46	58.47	28.6	26.1	32	33.6	31	29.6	35.2	25.4	83	82	55	58	72	77	------
3	57.76	57.64	58.17	56.58	56.22	57.10	27.3	26.8	32.1	33.3	30.9	29	33.9	26	83	90	63	60	68	78	------
4	56.33	56.36	57.42	56.37	56.77	57.48	27	26.5	31.6	30.7	30	26.6	32.8	25.9	87	91	68	74	71	89	4.1
5	56.63	56.13	56.47	54.61	55.17	57.34	25.8	25.6	32	31.3	30	24.9	33.8	24.2	92	87	60	71	74	92	8.7
6	55.78	56.08	57.37	56.42	56.09	57.48	25	25	30	28.9	26.6	25.6	32	24.6	92	92	67	85	84	87	9.4
7	56.68	56.94	57.67	56.47	56.36	57.75	25.4	25.6	29	29.2	29.4	26.9	32.9	24.9	93	93	75	78	79	87	2.3
8	57.30	57.13	57.60	56.51	56.55	58.59	26	25.5	30.6	32	30.8	25.2	32.6	24.4	92	90	65	66	68	92	11.4
9	57.89	57.88	57.92	56.55	57	58.64	25.3	25.4	29.9	30.1	29.2	26.6	32.4	24.6	93	93	73	71	76	87	.3
10	57.88	57.88	57.85	57.28	57.69	60.01	25.8	25.1	31.1	26.2	27.7	25.4	32.9	23.3	92	94	71	91	94	95	88.4
11	58.27	57.66	58.59	56.65	56.78	58.13	23.6	24.6	28.9	32	29.4	26.7	32.4	23.1	98	95	79	66	78	92	16
12	57.48	57.79	57.82	56.42	56.51	58.14	24.4	24.4	29.9	31.1	28.9	27	33	23.9	94	95	71	69	79	86	2.1
13	57.63	57.68	57.62	56.61	57.21	58.70	25.4	24.6	29.9	32.4	27.6	26	32.9	24.4	92	94	73	70	84	92	13
14	57.99	57.44	57.20	56.31	56.38	58.68	25.4	25.6	30.6	32	29.3	27.9	33.3	24.8	93	90	68	67	75	84	2.8
15	58.13	57.31	57.71	56.34	56.55	58.53	25	25.6	30.5	32.1	28.9	27.2	32.6	24.4	92	92	69	64	78	87	------
16	57.69	57.17	57.48	56.49	56.63	58.12	26.5	26	31.1	32.9	29.5	27.5	33.7	25.6	89	93	66	64	75	87	.3
17	57.79	57.64	57.88	57.42	56.93	59.52	26.7	26.3	31.6	28.1	27.5	26.6	32.7	26	90	94	73	85	89	94	28.4
18	59.01	58.48	58.95	58.16	58.25	60.58	25.3	25.4	30.5	28.6	24.4	25.6	32.1	24.1	95	93	74	88	85	95	18.3
19	60.03	59.97	60.63	59.02	59.10	60.21	24.1	24.3	30.5	31.1	28.6	25.6	32.7	23.7	97	94	74	72	82	92	.8
20	59.91	59.89	60.19	58.77	59.01	59.90	25.4	25.9	29.4	31.5	28.9	26.6	32.1	24.9	93	94	79	71	78	88	1.5
21	58.60	58.55	58.98	58.44	57.92	59.19	25.5	25.1	31.5	32	29.4	26.5	32.8	24.2	92	95	67	67	74	92	------
22	58.51	58.51	58.87	58.26	58.35	59.72	25.5	26	29	29	29.5	26	31.9	25	92	94	85	81	75	89	5.1
23	58.70	58.98	59.51	58.65	58.20	59.42	25.6	25.1	31.1	30.5	29.4	26	32.4	24.9	92	93	75	74	75	92	------
24	58.60	58.95	59.41	58.07	58.63	60.06	25.6	25.6	31	32	28.5	26.1	32.9	25.2	93	95	73	70	85	87	------
25	59.26	59.29	59.77	58.68	59.15	59.63	24.6	24.1	30.6	32.6	25.2	25	33.2	23.6	93	96	76	61	82	88	------
26	59.59	59.21	59.72	58.01	58.17	59.43	25.3	25.1	30.6	32.6	30.1	24.4	34	24.1	88	93	72	66	73	82	------
27	58.73	58.44	58.73	57.75	58.18	59.66	24.8	25.2	31.2	31.9	29.1	25.1	32.5	24.3	91	90	68	72	78	92	3.4
28	58.58	59.09	59.73	58.85	59.13	61.24	24.7	24.6	30.5	26.9	24.4	23.2	31.9	23.1	92	93	73	86	95	97	61.2
29	59.94	59.66	59.92	58.75	59.38	60.62	23.1	24.1	28.9	28	25	24.1	30.9	23	97	96	78	86	93	98	84.8
30	58.81	58.65	59.61	57.26	57.81	59.60	23.9	24	28.2	31	28.6	27.4	32.2	23.1	97	97	78	64	75	84	------
Mean	58.19	58.08	58.52	57.33	57.48	59.02	25.4	25.3	30.5	30.9	28.6	26.3	32.9	24.5	91.7	92.4	70.8	71.3	78.9	88.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	362.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SE	2	ESE	5	ESE	5	NW	4	NNE	2	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.
2	NNE	2	SE	3	SE	4	WNW	.4	NW	4	N	4	8	Ci.-S.	Cu.	2	Ci.-S.	Cu.
3	SSE	2	SSE	2	E	4	NNW	4	N	4	NNE	4	3	Ci.-S.	Cu.	2	Ci.-S.	Cu.
4	S	2	S	2	WNW	3	W	4	NNE	2	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
5	SSE	2	SE	2	S	4	W	4	WSW	4	SE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
6	SSE	3	SSE	4	SE	4	SSE	4	SE	4	SSE	3	10	Ci.-S.	Cu.-N.	10	------	Cu.-N.
7	SE	2	SSE	3	S	2	W	4	N	2	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
8	SSE	1	SE	2	SSE	5	W	4	W	2	S	1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N.
9	SSE	2	SE	3	S	4	S	4	SW	2	SSE	3	10	------	S.-Cu.	10	------	Cu.-N.
10	SSE	2	SE	3	SE	4	ESE	2	SSW	1	S	1	10	Ci.-S.	S.-Cu.	10	------	Cu.-N.
11	S	1	S	4	SSE	4	SE	4	WSW	3	SW	1	10	------	S.-Cu.	10	Ci.	Cu. SSE
12	S	2	SSE	2	S	4	SSW	2	SW	2	S	2	10	------	Cu.-N.	10	Ci.-S.	Cu.-N.
13	SSE	2	SE	2	S	6	WSW	3	SSW	3	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
14	SSE	2	SSE	4	S	6	SW	3	SSW	4	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
15	S	2	SSE	4	S	4	WSW	5	SSW	2	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16	S	3	S	2	SSE	4	NE	2	WSW	4	S	1	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu.
17	SSE	2	SE	3	NNW	2	SE	3	SW	2	S	1	10	Ci.-S.	S.-Cu.	10	------	Cu.-N.
18	SSE	1	SSE	2	SE	4	W	2	S	4	ESE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
19	ESE	1	S	2	SE	4	WSW	4	WSW	1	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
20	SSE	2	SSE	2	E	4	WSW	4	SW	1	S	1	10	Ci.	Cu.	8	Ci.-S.	Cu.
21	SSE	1	SSE	1	SSE	3	SW	4	W	2	SSE	1	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
22	SSE	2	SW	2	SW	3	SW	4	W	3	SSE	2	10	Ci.-S.	N.	10	Ci.-S.	Cu. WSW
23	SSE	2	SSE	2	W	4	NNE	3	SW	3	S	2	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	SSE	2	SE	2	W	4	WNW	4	Calm	----	SSE	2	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
25	S	1	SSE	1	SSE	3	E	4	SSW	4	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	SSE	3	SSE	2	SSE	4	WNW	4	NW	4	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
27	SSE	4	SSE	3	S	4	WNW	4	SW	1	ESE	1	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
28	SSE	4	SSE	4	SSE	4	S	1	N	1	S	2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
29	S	2	SSE	4	S	4	ESE	3	WSW	2	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
30	SSE	2	SSE	2	WSW	4	NNW	2	NNW	2	NW	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	2	------	2.5	------	3.9	------	3.5	------	2.6	------	1.9	9	------	------	8.9	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	57.83	58.38	57.55	57.69	59.27	26.4	24.9	31.1	32.6	30.6	28.9	33.1	23.9	88	93	66	68	70	78	------
2	58.43	58.28	59.37	58.46	58.77	59.18	26.7	26	30.6	32	25	25	34.1	24.1	87	92	68	70	90	92	12.4
3	59.05	59.15	59.81	58.19	58.28	59.50	24.3	23.6	30.7	32.5	30.6	27.6	33.1	23	91	95	77	68	72	87	.3
4	59.14	58.60	58.77	57.74	57.28	58.17	26	25.9	31.4	33.5	29.6	27.6	34.7	24.9	92	93	72	65	78	87	------
5	57.74	57.68	58.52	57.16	56.62	57.29	25.8	25	31.5	33.5	30	26.9	34.1	24.5	92	95	72	65	78	92	------
6	56.93	56.95	57.56	56.66	57.03	58.35	26.4	26.5	31	30.3	27.1	25.7	84.1	25.4	92	94	68	80	92	95	16.8
7	57.85	57.18	56.90	56.57	56.72	59.11	25.6	25.1	30.2	32	30	23.6	33.5	23.1	98	96	74	75	74	95	38.6
8	58.20	57.24	57.21	56.61	56.96	58.70	23.3	24.7	30	32.1	28.2	25.9	32.7	23.2	97	95	74	70	85	92	2.3
9	57.66	57.59	57.57	56.45	56.10	57.44	25.1	24.6	29.4	31.4	29.7	26.4	31.7	24.5	94	96	82	77	79	90	3.6
10	56.79	56.79	57.51	55.96	56.23	57.36	25.6	25.1	29.5	28.3	27.1	25.9	30.6	24.7	93	95	76	80	90	94	5.9
11	56.68	56.55	56.92	55.97	56.01	58.53	25.1	24.6	30.1	28.1	28	25	31.5	24.1	92	94	74	85	80	93	14.8
12	57.60	57.66	57.98	57.31	57.93	59	24.5	24.1	28.6	28.3	26.6	25.6	31.1	23.9	94	96	82	79	90	92	1.1
13	58.37	57.90	58.12	56.87	57.17	58.33	24.5	24.1	29.9	31.3	28	23.9	32	23.4	93	95	71	73	85	93	8.9
14	56.55	56.15	56.42	55.53	54.81	55.06	24	24.1	30.1	31.7	29.1	28	32.7	23.1	97	97	77	71	76	84	------
15	53.62	52.97	53.06	51.39	50.86	52.25	27.4	27.5	31.1	32.1	30	27.1	33.2	26	88	87	77	75	78	92	2.5
16	51.68	51.28	51.77	50.55	50.90	52.55	26.2	26.6	30	30.6	24.9	25.5	32.9	24.3	92	96	82	84	92	95	62.7
17	52.41	52.66	53.69	53.23	53.10	54.37	25.2	25	29.5	29.9	26.6	25.4	30.8	24.3	93	95	76	75	87	93	44.7
18	53.81	53.98	54.77	53.52	53.49	55.01	23.8	23.9	24.4	29.1	27.1	25.5	29.5	23.5	97	97	97	83	88	96	47.4
19	54.11	53.61	54.07	53.54	53.28	54.88	24.4	24.9	27.9	27.2	26.7	25.4	28.4	24.2	96	98	89	94	94	96	58.2
20	54.40	54.82	55.51	55.26	54.99	56.50	25.4	23.8	24.5	24.6	24.3	24.2	25.5	23.4	98	95	96	96	97	98	109.2
21	55.36	54.79	55.68	55.30	55.21	55.81	24.1	24	27.1	26.6	26	24	27.4	23.5	97	96	86	90	92	91	19.1
22	54.63	54.58	54.96	53.68	53.51	53.97	24.5	24.5	24.1	28.1	24.6	24.3	28.5	23.5	93	97	97	84	95	97	68.6
23	53.33	53.03	53.04	51.98	51.84	52.86	24.1	23.6	28.6	30.1	25.1	24	30.7	23.4	98	97	85	77	92	93	25.7
24	51.83	51.43	52.32	51.91	51.61	53.28	24	24.1	26	25.6	24.9	24.1	26.6	23.6	97	96	92	93	93	97	27
25	52.58	52.86	54.42	54.32	53.66	55.40	24.4	24.5	24.5	25	25.6	24.7	26.1	23.6	97	96	96	97	95	95	28.6
26	55.17	55.69	56.13	55.67	55.99	57.33	24.1	24.1	27.5	28	27.5	25.4	30.5	23.9	96	96	89	88	86	92	9
27	56.40	56.35	56.44	55.44	55.16	55.79	24.5	24.9	29	28.5	25.7	24.9	29.5	24.1	95	93	82	86	87	93	5.1
28	54.72	54.02	54.16	52.91	51.47	51.51	24.5	24.7	25.8	25.1	24.7	24.6	26	23.9	95	97	93	97	97	96	163.8
29	49.49	48.19	46.46	45.41	45.86	48.54	24.8	24.9	24.5	23.9	23.5	23.7	25.2	23.3	-----	-----	-----	-----	-----	-----	240
30	49.06	50.03	51.69	51.66	52.04	53.72	24	24.6	27.4	27.6	26.1	25.1	29.6	23.8	97	97	86	92	95	97	30
31	53.61	54.27	55.63	54.98	54.57	56.19	24.7	24.5	26.6	27.9	26.1	25.1	28.7	24.2	97	97	95	85	91	95	18
Mean	55.33	55.16	55.64	54.77	54.68	55.98	24.9	24.8	28.5	29.3	27.1	25.5	30.6	23.9	94.2	95.2	81.7	80.7	83.6	92.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1064.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	3	SE	2	E	3	WNW	4	NW	4	NNE	2	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
2	SE	1	SE	2	ESE	4	N	4	S	2	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3	SSE	2	SSE	1	E	4	NNW	4	N	4	S	1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
4	SSE	1	SSE	1	E	4	NW	4	NNE	4	SE	1	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
5	SSE	1	SSE	1	NW	4	WNW	4	NNW	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
6	S	2	SE	2	SE	4	W	4	SE	1	SSE	1	10	------------	N.-cf.	10	------------	Cu.-N.
7	Calm	----	E	1	SE	4	W	4	WNW	4	SSW	1	9	Ci.	Cu. ESE	10	Ci.-S.	Cu.
8	SSE	1	SSE	2	S	4	W	4	SW	2	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
9	S	1	SSE	1	NW	2	W	4	W	2	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
10	SSE	1	ESE	2	SSE	4	WSW	4	Calm	----	SE	2	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
11	SSE	4	SE	2	S	4	W	4	W	3	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf.
12	S	3	SW	2	S	4	WSW	6	SSE	1	S	2	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu.
13	SSE	1	SE	2	SW	3	WSW	5	Calm	----	SE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. W
14	SSE	1	SSE	1	N	2	WNW	4	NW	2	N	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
15	NNE	2	N	2	N	3	NW	3	NNW	1	SE	2	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NW
16	SSE	3	WNW	2	NW	4	WNW	4	WSW	4	SSE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	S	5	S	4	SW	4	SSW	4	SW	2	SSW	3	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu. SW
18	SW	2	SSE	2	SSE	2	SSW	4	SSW	4	S	2	10	------------	N.	10	Ci.-S.	N.-cf.
19	SSW	4	SE	2	SSE	5	SSW	2	SW	2	SSE	3	10	------------	N.-cf.	10	------------	N.-cf.
20	SE	1	S	4	S	4	SSE	4	SSE	4	SSE	4	10	------------	Cu.-N.	10	------------	Cu.-N.
21	SSW	5	S	4	S	5	WSW	4	SE	3	S	4	10	------------	S.-Cu.	10	------------	N.-cf.
22	S	4	ESE	2	SSE	4	SW	4	WSW	2	SSW	2	10	------------	N.	10	A.-Cu.	N.-cf.
23	SSE	1	SSE	2	NNW	1	WNW	4	SSW	2	SSW	2	10	Ci.-S.	N.-cf.	9	------------	Cu. NW
24	SSE	2	S	5	S	4	S	4	SSE	4	S	4	10	A.-Cu.	N.-cf.	10	------------	N.
25	SSE	4	SSE	5	SSW	4	SSE	4	SSE	4	SSE	4	10	Ci.-S.	N.-cf.	10	------------	N.
26	S	4	SSE	4	S	4	S	4	S	2	SSE	2	10	------------	N.	10	A.-Cu.	N.-cf.
27	SSE	2	SSE	4	S	4	N	3	ESE	4	SSE	4	10	------------	N.-cf.	10	Ci.-S.	N.-cf.
28	S	2	SW	1	WSW	4	WNW	2	SW	2	W	4	10	------------	N.-cf.	10	------------	N.
29	W	5	W	7	W	9	SW	12	SW	11	SW	9	10	------------	N.	10	------------	N.
30	SW	7	SW	4	SW	6	SSW	4	SSW	4	S	3	10	------------	N.-cf.	10	------------	N.-cf. SW
31	SSW	3	SSW	4	S	4	SSW	5	S	4	SSE	4	10	------------	Cu.-N.	10	------------	N.-cf.
Mean	------	2.5	------	2.6	------	3.9	------	4.2	------	2.9	------	2.5	9.7	------------	------------	9.7	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.05	55.25	55.65	54.74	55.08	56.54	24.5	24.5	27.6	28.1	25.4	25	29.1	23.5	96	96	92	91	95	96	24.9
2	56.06	55.02	56.71	55.93	56.01	57.16	23.9	24	26.9	28	25.7	24.1	29.5	23.2	96	91	86	79	84	86	11.9
3	56.92	56.92	57.07	56.52	56.24	57.01	24.1	24	27.8	27	25.2	24	28.5	23.4	91	95	82	83	89	91	42.2
4	56.31	56.57	56.91	56.30	55.60	56.36	23.5	23.6	25.4	26	24.2	23.5	28.6	23.1	97	97	93	89	95	95	59.7
5	55.72	55.32	55.77	55.03	54.84	56.06	23.5	23.4	28	28.9	27.1	25.5	30.1	22.9	96	96	83	79	84	93	90.7
6	55.35	55	55.57	54.33	54.81	56.14	23.9	24.1	27.6	30.8	25.1	24.3	31.1	23.3	97	97	87	73	92	95	6.5
7	55.26	55.37	55.99	55.03	54.88	56.19	24.3	24.1	28.1	29	27	24.9	30.1	23.9	95	96	83	78	84	92	44.4
8	56.51	56.41	56.71	55.99	55.98	57.49	23.6	24	23.9	25.7	25.6	25	26	23.5	95	96	93	94	95	95	21
9	56.75	56.45	57.13	56.97	56.29	57.50	24.6	24.6	28.9	28.1	27.4	24.8	30.9	24.1	97	97	79	85	84	92	5
10	56.74	56.69	57.17	56.41	56.17	57.05	24.5	25.1	29.4	29.6	27.9	25.9	31.5	24.3	97	97	75	81	84	90	19.6
11	56.24	55.81	56.31	55.92	55.99	56.99	24.7	23.6	26.6	25	24.9	23.5	26.9	23	95	95	92	95	96	97	111.7
12	54.97	55.57	56.35	56.26	56.24	56.96	23.5	23	28.9	25.1	24.7	24.1	29.4	22.6	96	97	79	90	95	96	15.3
13	56.22	56.18	57.08	55.88	55.87	57.16	23.5	23.4	28.9	29.6	28.2	25	31.2	22.9	96	96	78	81	80	92	1
14	56.66	56.25	56.88	55.93	55.33	55.90	24.6	24.1	30	31.4	27.9	26	32	24	97	95	78	72	83	92	.6
15	55.25	55.03	55.04	53.52	52.29	52.62	26.9	24.9	29.6	31.1	28.1	27	31.9	24.5	87	93	81	75	85	91	28.3
16	50.84	49.12	49.57	50.74	52.45	54.57	26.5	24.2	22.9	24	23.5	24	26.9	22.1	92	93	92	95	95	93	100.6
17	55.01	55.80	58.16	57.70	57.64	58.65	24.5	24.4	27.7	30.5	27.4	27.3	31.9	23.9	92	91	83	72	84	81	------
18	58.76	59.08	60	58.63	58.42	59.51	24.6	24.6	31.1	32.1	28.6	27.9	33	24.5	95	96	75	72	83	86	------
19	58.23	57.09	57.31	55.90	55.62	56.64	27.5	26.6	31.1	32	28.9	27	32.5	26.5	88	90	79	72	82	92	------
20	55.63	55.44	55.82	54.97	55.01	56.23	25.5	25	30.3	30	25.5	25	31.8	24.5	95	94	73	75	90	92	12.2
21	55.60	55.71	56.47	55.48	55.37	56.83	24.5	23.4	29.1	31	28.1	25	31.6	23.1	94	93	75	76	88	90	17.1
22	56.24	55.92	56.52	55.08	55.22	56.36	24.5	24	29.5	28.6	28.1	25.6	31.1	23.9	92	92	75	88	82	90	2.3
23	56.20	55.62	56.47	55.22	55.18	56.78	24.6	24	29.6	28.1	27.6	24.6	30.7	23.9	92	91	77	85	84	92	5.9
24	56.55	56.16	56.84	55.72	56.20	57.77	24.4	23.6	30	27.5	26.8	25	30.8	23.1	91	95	70	80	90	92	33.8
25	57.24	57.25	58.21	57.04	57.55	58.70	24.8	24.6	27.4	27.4	26	24.2	28.6	23.6	95	95	86	84	88	93	3.1
26	57.41	57.05	57.29	55.22	54.39	55.54	24.1	24	29.4	28.1	27.4	25	29.9	23.9	95	95	75	85	89	92	23.1
27	54.32	53.63	54.22	52.64	52.06	53.71	24.5	24.1	29	30.9	28.9	25.6	31.3	23.9	94	95	78	72	79	92	8.1
28	52.56	52.16	53.28	52.05	52.78	55.04	25	25	30	31.1	26.6	25.6	32.9	24.6	92	92	69	75	84	90	.4
29	54.80	55.49	56.83	55.45	55.22	57.18	25.1	24.9	28.6	30.9	27.6	25	31.1	24.2	91	92	78	71	74	91	2.5
30	57.08	57.35	57.83	56.56	56.72	58.75	24.8	24.4	29.1	30.2	27.6	25.6	31.1	24.2	92	93	78	74	81	92	1
31	57.99	57.55	58.47	56.45	56.27	57.82	24.9	24.3	30.6	30.6	27.6	25.6	31.2	23.7	92	92	70	75	84	93	8.4
Mean	55.95	55.75	56.44	55.47	55.41	56.68	24.6	24.2	28.5	28.9	26.8	25.2	30.4	23.7	93.9	94.3	80.5	80.5	86.5	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	701.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	4	SSW	4	SE	2	S	4	SSE	4	SSE	4	10	------	N.-cf.	10	Ci.-S.	N.-cf.
2	S	4	NNW	4	SSW	4	SSW	6	SSW	5	SSW	4	10	------	N.-cf.	10	------	N.-cf. SW
3	S	4	SSE	3	SSW	4	SW	5	SSW	3	S	4	10	------	N.-cf.	10	------	N.-cf.
4	SSW	2	SSE	2	SE	4	SW	1	SSE	3	SSW	3	10	------	N.	10	------	N.
5	S	2	S	2	WSW	4	W	4	WSW	2	S	2	10	------	N.-cf.	10	------	N.-cf.
6	ESE	2	S	4	S	4	SW	4	WSW	1	S	3	10	A.-Cu.	N.-cf.	10	Ci.-S.	Cu. SW
7	S	4	S	4	S	5	SSW	5	SSW	4	SSW	5	10	------	S.-Cu.	10	A.-Cu.	Cu. SW
8	SSW	5	SSE	4	S	4	S	4	S	4	SSE	4	10	------	N.	10	------	N.
9	SSW	4	S	4	SSW	4	SW	3	SSW	4	SSE	4	10	Ci.-S.	N.-cf.	10	Ci.-S.	N.-cf.
10	SSE	1	SSE	2	SW	5	SW	4	SW	2	SSE	2	10	Ci.-S.	N.-cf.	10	A.-Cu.	Cu. WSW
11	SSE	2	SW	2	SSE	4	W	1	Calm	----	Calm	----	10	------	N.	10	------	N.
12	S	4	SE	2	SSE	4	WSW	2	SE	3	SSE	4	10	Ci.-S.	S.-Cu.	10	------	N.
13	S	3	SSE	4	S	4	NE	3	SW	3	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
14	Calm	----	SSE	2	W	3	WSW	4	W	4	SW	1	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu. WSW
15	NW	4	SW	1	NNW	3	NW	4	NW	4	WNW	4	10	Ci.-S.	N.-cf.	10	Ci.-S.	S.-Cu.
16	WNW	6	W	7	SW	10	SSW	8	S	5	S	6	10	------	N.	10	------	N.
17	S	6	S	5	S	5	SSW	4	SE	2	SSE	7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
18	SSW	2	SW	1	NNW	3	NNW	4	NNW	4	N	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	N	4	S	1	N	3	NW	4	NNW	4	SSE	1	10	Ci.-S.	Fr.-Cu. NNW	10	Ci.-S.	Cu.
20	SSE	1	SSE	4	S	4	W	4	WNW	2	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
21	SE	2	SSE	2	S	4	NNE	3	SSW	1	SSW	5	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. S
22	S	3	S	3	NNE	3	WNW	2	SW	3	S	4	8	Ci.-S.	S.-Cu.	7	Ci.-S.	N.-cf.
23	SSE	3	SSE	3	SSW	4	SE	4	W	3	S	4	3	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
24	S	5	S	2	SSE	4	WSW	2	Calm	----	SSE	4	3	A.-Cu.	Cu.	10	------	Cu.-N.
25	SSW	2	SSE	3	S	4	SSW	4	S	4	S	5	10	Ci.-S.	Cu. S	10	------	N.-cf.
26	S	4	S	4	SSW	4	WSW	2	Calm	----	S	2	7	A.-Cu.	S.-Cu.	10	------	N.
27	SSE	4	SSE	4	ESE	4	NNE	4	N	4	Calm	----	5	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
28	SSE	4	SSE	5	SSE	5	WNW	4	SSW	4	S	2	7	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.
29	SSW	5	SSE	4	SSE	4	SSE	4	SW	3	S	2	10	Ci.-S.	N.-cf. S	10	Ci.-S.	N.-cf. S
30	S	4	SSE	4	SSE	4	W	4	SE	2	SSE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf.
31	S	2	SE	2	SSE	2	W	4	W	1	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	3.3	------	3.2	------	4	------	3.7	------	2.8	------	3.1	9	------	------	9.7	------	------

BOLINAO.

[$\phi=16°\ 24'$ N; $\lambda=119°\ 53'$ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.59	56.20	56.92	54.80	54.66	55.13	24.9	24.2	30.5	31.4	28	24.4	31.7	23.9	95	95	78	72	82	93	9.1
2	53.48	53.51	53.94	52.37	51.79	53.13	24.5	24.6	28.9	31.5	28.6	24.9	31.9	24.1	96	95	82	75	80	92	25.4
3	52.15	50.61	50.52	48.07	47.67	47.93	24.9	26	25.6	26	25.6	24.6	26.5	23.9	92	95	92	96	96	96	433.8
4	48	48.84	49.87	49.84	50.53	51.98	23.8	23.4	23.6	24.6	24.1	24.9	25.1	22.6	-----	97	95	95	96	93	107.7
5	52.18	52.99	54.20	53.77	54.78	56.59	24.1	23.1	25.6	28.1	25.6	25.1	28.9	22.6	96	98	92	86	92	95	32.8
6	56.35	56.40	57.58	56.93	56.83	58.50	24.6	24.8	27.6	26.1	27	26	30.1	24.3	96	96	87	84	84	92	7.6
7	57.50	57.50	58.73	57.26	57.54	58.43	24.4	24.1	27	29.1	26.5	25	29.7	24	94	96	90	81	90	92	14.5
8	57.49	57.39	58.24	56.53	56.31	56.91	24.8	25.1	26.6	27.2	27	25.6	28.6	24.5	95	96	92	90	91	93	16.1
9	56.03	55.91	56.20	54.83	54.58	55.23	26	26	30	30	27.5	27	31.6	25.5	94	96	81	81	89	90	5.8
10	53.83	53.10	53.52	52.49	52.38	52.80	26.5	25.5	27.7	24.8	24	23.5	28.5	23	92	96	91	93	96	95	45.3
11	52.04	51.44	53.74	52.55	53.54	56.32	23.5	23.9	23.5	26.2	23.5	24	26.6	23.1	95	96	95	90	93	95	46.5
12	55.22	55.23	56.89	56.53	57.30	59.03	23.6	23.6	26	29.6	26.9	25.5	29.9	23.1	92	91	89	77	89	88	3
13	58.84	59.26	59.66	58.41	58.61	60.74	24.8	24.1	29.9	32.1	28.5	25.6	32.9	24	93	96	75	66	80	92	------
14	59.48	59.49	60.05	58.83	58.53	59.22	25.4	24.6	30.6	31.3	28	27.1	32.1	24.5	93	95	81	76	82	87	.3
15	58.24	58.30	58.59	56.96	56.34	56.94	27.1	27	27.2	28.1	27.1	26.9	29.3	26.1	87	89	87	85	90	92	76.8
16	55.12	55.24	56.31	55.54	55.39	56.48	26.2	24.1	24.5	25.1	25.5	25.9	26.5	23.4	94	95	96	96	95	94	68.6
17	56.38	56.73	57.71	56.94	57	58.50	25.5	25.1	26.5	28.2	26.5	25.2	29.2	24.4	95	96	92	88	89	93	4
18	58.15	57.59	58.23	57.60	58.27	59.32	24.5	24.9	28.9	31	27.5	25.9	31.9	24.4	96	93	82	72	84	92	------
19	58.57	59.06	59.87	58.80	59.07	60.12	24.2	23.4	29.5	31.5	28.5	26.2	31.9	22.7	93	93	78	72	85	92	------
20	58.98	58.90	59.70	58.12	58.11	59.19	24.8	23.5	30.6	31.1	28.5	26.6	32.5	23.2	93	95	77	71	80	89	------
21	58.05	57.59	57.57	56.22	56.76	58.23	25.5	23.9	30.5	32.1	28.6	26	32.3	23.6	92	93	76	69	80	92	.3
22	57.68	57.59	58.77	57.42	57.81	59.77	24.5	25	29	32	28.4	26.5	32.6	24.4	93	93	81	69	80	88	------
23	59.18	59.30	60.18	58.63	58.96	60.21	24.8	24.1	30.6	32.1	28.9	27	32.5	23.6	93	93	74	69	78	87	.8
24	59.15	59.08	60.01	58.57	58.56	59.43	26.1	25	31	32.1	29	26	33	24.4	90	92	76	69	78	92	------
25	58.86	58.99	60.02	58.04	58.30	59.48	24.8	23.8	31	32.5	29.1	25.9	33.5	23.6	93	93	65	64	78	88	------
26	58.91	58.41	59.56	57.92	58.56	59.73	25.3	24.6	31	32.4	29	25	33.6	24.3	92	93	69	68	78	88	------
27	58.54	59.04	60.78	59.24	59.68	60.04	24.9	24.9	30.5	32.4	28.1	25.4	33.5	24.4	90	92	68	63	80	90	------
28	59.13	58.90	59.97	58.47	58.40	60.22	24.6	23.9	31.2	32.6	29.1	25.6	33.1	22.5	92	91	68	63	78	90	5.1
29	59.13	58.79	59.67	57.85	57.85	59.33	24.8	23.5	31.6	32.6	29	27.6	33.4	23.4	93	96	67	65	76	80	4.3
30	58.39	57.86	58.80	57.56	57.60	58.65	26.3	25	31.1	32.6	29.1	25.9	33.5	24.9	90	92	72	66	78	92	------
Mean	56.72	56.64	57.53	56.24	56.39	57.59	25	24.5	28.6	29.9	27.4	25.7	30.9	23.9	93.1	94.2	81.6	77	84.9	91.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	907.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	NNW	4	NW	4	N	2	SSW	1	9	Ci.	S.-Cu.	10	Ci.-S.	Cu. NW
2	SSW	2	SSW	3	N	2	WNW	4	N	3	SW	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3	SW	1	NW	3	NW	6	WNW	8	WNW	9	W	10	10	------------	N.-cf.	10	------------	N.
4	WSW	11	SW	10	SW	9	WSW	8	SW	5	SW	4	10	------------	N.	10	------------	N.
5	SW	8	SW	6	SW	8	SW	7	SW	4	SW	2	10	------------	N.	10	Ci.-S.	N.-cf. SW
6	SSW	2	SSE	2	SW	4	SW	4	S	2	SSE	2	10	Ci.-S.	N.	10	------------	N.-cf.
7	SSE	2	SSE	2	SSW	4	SW	4	SSE	2	S	8	10	------------	N.-cf.	10	A.-Cu.	N.-cf.
8	S	3	S	2	WSW	4	W	4	WSW	2	WSW	4	10	Ci.-S.	N.-cf.	10	------------	N.-cf.
9	W	4	W	2	W	4	W	5	W	4	W	3	10	Ci.-S.	N.-cf. W	10	Ci.-S.	Cu. W
10	W	3	W	2	W	3	WNW	5	S	4	SSW	5	10	------------	N.-cf.	10	------------	N.
11	S	5	S	5	SW	4	S	5	S	4	S	4	10	------------	N.-cf.	10	------------	N.-cf.
12	S	5	SSE	5	SSE	5	SSW	5	S	4	S	4	10	------------	N.-cf. SSW	10	A.-Cu.	Cu. SW
13	SSE	1	SSE	2	SW	4	WSW	4	W	2	S	1	10	Ci.	S.-Cu.	6	Ci.-S.	Cu.
14	S	1	S	1	NNW	3	WNW	4	WNW	4	WNW	3	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
15	WNW	4	WNW	4	WNW	4	NW	4	WNW	4	WNW	4	10	------------	N.-cf. NW	10	------------	N.
16	WNW	4	NW	4	WSW	1	WSW	3	W	1	W	4	10	------------	N.	10	------------	N.
17	S	3	S	4	SSE	4	SW	4	SSE	4	SSW	4	10	------------	N.-cf.	10	------------	N.-cf.
18	S	2	SSE	4	S	4	SW	4	S	2	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. SW
19	SSE	2	SE	2	SSE	2	W	4	WSW	1	SSW	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
20	S	1	S	1	NNE	2	NW	4	NNW	4	ENE	2	2	Ci.-S.	Cu.	6	Ci.-S.	Fr.-Cu. NNW
21	E	2	SE	2	E	4	WNW	4	NW	3	Calm	----	10	Ci.-S.	Cu.	3	Ci.-S.	Cu.
22	S	2	S	2	N	2	NW	4	WNW	3	S	2	10	Ci.-S.	S.-Cu.	2	------------	Cu.
23	S	2	SSE	2	ESE	4	NNW	4	NNE	2	S	2	8	Ci.-S.	S.-Cu.	6	Ci.	Cu.
24	S	2	SSE	2	ESE	4	NW	4	N	2	S	2	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
25	SSE	1	SE	2	S	4	NNW	4	SW	2	S	1	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
26	SSE	3	SSE	2	E	3	NNW	4	N	4	S	3	10	Ci.-S.	Cu.	3	Ci.-S.	Cu.
27	SSE	4	ESE	2	ESE	4	NNE	4	SE	2	SSE	1	9	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N.
28	S	1	ESE	2	SE	4	NNE	3	NW	2	S	2	1	Ci.	Cu.	9	Ci.-Cu.	Cu.-N.
29	S	1	S	1	N	3	NW	4	NW	2	Calm	----	1	Ci.	Cu.	4	Ci.-S.	Cu.
30	S	1	SSE	2	ESE	4	NW	4	NNW	2	SSE	1	10	A.-Cu.	Cu.	4	A.-Cu.	Cu.-N.
Mean	-------	2.8	-------	2.8	-------	3.9	-------	4.4	-------	3	-------	2.6	8.8	------------	------------	8.3	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.80	58.08	59.32	57.02	57.52	58.82	26.5	24.5	31.1	32.8	29	28.5	33.6	24.3	92	93	72	67	79	76	2.5
2	57.97	58.07	58.53	57.10	57.06	58.32	27.6	24.9	31.1	31.6	29	27.9	32	24.8	83	92	75	71	78	83	.8
3	57.57	57.58	58.86	57.47	57.53	58.70	27.8	25.5	31	26.6	27.9	25.6	33	25.3	83	92	65	78	83	92	------
4	58.14	57.99	59.62	58.27	58.16	59.35	25.1	24.6	31.2	29.1	26	24.1	33	24	92	92	68	78	87	93	------
5	58.29	58.34	59.32	57.62	57.92	59.19	25.5	25	29.1	32	27.5	24.9	32.5	24.2	91	92	75	63	81	88	------
6	57.99	58.01	58.71	56.88	57.56	59.13	24.5	23.9	31	32.5	28.6	26.6	33	23.6	92	92	68	66	76	84	------
7	58.49	58.40	59.55	57.67	58.25	59.78	24.5	24.5	29.6	32.6	27.9	25	33	23.4	92	92	75	65	81	89	----
8	58.55	58.87	59.53	57.32	58.28	58.85	24	24	31.1	32.9	28.4	25.3	33.1	23.9	93	95	71	64	77	90	------
9	57.63	57.39	58.13	55.76	56.21	57.35	24.6	25	30.9	32.6	28.9	25.4	33.7	23.9	92	93	73	63	72	83	------
10	56.63	56.12	56.81	55.06	55.20	56.20	25.1	24.6	31.2	32.6	28.5	26.1	32.9	24	91	92	71	68	75	91	------
11	55.11	55.14	55.50	53.87	54.07	55.16	25.2	24.5	31.1	31.9	27	25	33.1	24.1	92	93	71	69	84	88	------
12	54.18	53.81	54.47	53	52.68	53.19	23.7	24.9	29.6	30.6	28.2	25.5	31	23.5	95	93	81	72	77	92	------
13	51.75	51.07	51.58	49.55	49.64	51.33	27.5	27.7	31.9	32.1	28.8	25.8	33.3	25.5	81	80	67	66	79	90	15.5
14	50.36	50.61	52.05	50.82	51.15	53	26.5	27.1	29.3	30.5	28.3	27.9	32.1	26.5	92	81	78	73	80	79	.8
15	52.68	53.43	55.79	54.62	55.43	57.27	27.2	26.6	28.4	30.6	27.6	27.1	31	25.9	84	84	86	74	80	83	10.9
16	56.93	57.26	58.74	57.57	58	59.31	26.1	25.6	29	30.1	26.9	26	30.6	25.3	85	87	78	69	71	73	------
17	58.63	58.79	59.64	58.07	58.38	59.89	25.5	24.8	29.6	31	27	25	31.4	24.5	72	72	62	59	70	83	------
18	59.34	59.31	60.22	58.11	58.62	60.01	24.7	24	30.6	31	27.1	25.4	31.6	23.1	88	88	65	63	83	85	------
19	59.09	59.49	60.58	59.07	59.18	60.67	24.2	24.1	31	26.9	27	24.1	31.4	23.9	91	91	63	85	84	96	36.8
20	59.72	59.78	61.11	59.38	59.86	61.01	24	24	28.9	31.1	28	27	31.8	23.3	95	95	75	66	77	81	------
21	60.23	60.22	60.88	59.10	59.12	60.01	25	24.5	30.2	31.4	28	27.4	31.9	24.1	88	92	73	67	77	81	------
22	59.23	59.44	59.97	58.05	58.02	59.09	25.4	24.4	30	31.5	27.8	25.6	32	24	87	91	75	67	79	88	------
23	58.53	58.59	59.72	57.71	58.03	59.41	25	24	30.6	31.1	28.1	27.3	31.6	23.6	92	93	68	63	73	81	------
24	59.02	59.16	60.63	59.16	59.71	61.17	25.1	23.5	30.3	31	27	22.9	31.3	22.6	72	73	58	61	67	83	------
25	60.19	60.42	61.62	59.68	59.88	60.95	23.1	22.6	28.9	30.6	26.6	24	31.1	22.1	90	82	58	65	65	78	------
26	60.24	60.36	61.11	59.06	58.85	60.06	23.4	22	28.9	30.1	26.5	25	30.9	20.6	83	84	59	59	66	87	------
27	59.62	59.83	61.10	59.06	59.35	60.53	22.9	21	29.5	30	27.1	26.9	31.5	20.7	90	92	67	65	72	77	------
28	60.19	60.39	61.56	59.84	60.01	61.46	23.3	21.5	29.6	31.1	27	23.9	31.5	21.5	80	92	61	63	70	85	------
29	60.80	60.70	62.11	60.27	60.26	61.23	22.9	23	29.6	31	27.1	26.4	32.1	22.1	83	83	61	59	75	73	------
30	60.33	60.70	61.62	59.42	59.41	60.26	22.6	21	29.6	31.4	27.4	23	31.6	20.8	86	91	67	62	80	85	------
31	59.40	59.47	60.57	59.40	59.32	60.84	22.5	21.4	30.6	31.4	27.6	25.4	31.6	21.1	89	92	65	57	77	85	-----
Mean	57.89	57.96	58.98	57.28	57.51	58.76	24.9	24.2	30.1	31	27.7	25.7	32.1	23.6	87.6	88.8	69.4	66.7	76.6	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	67.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	SSE	1	NNW	3	WNW	4	WNW	2	NNE	4	3	Ci.	Cu.	2	Ci.-S.	Cu.
2	NE	2	S	2	E	2	NW	3	N	4	NNE	4	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
3	NNE	4	SSE	3	SE	4	S	4	S	2	SSE	4	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
4	SSE	3	SE	4	SSE	4	W	2	W	2	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
5	S	4	SE	2	E	3	NW	3	S	1	S	4	10	------------	Cu.-N.	10	Ci.-S.	Cu.
6	S	1	SSE	1	ESE	4	NW	4	NNE	2	S	2	2	A.-Cu.	Cu.	3	------------	Cu.
7	SSE	1	SE	2	E	3	NW	4	S	1	S	2	4	Ci.-S.	Cu.	4	Ci.-S.	Cu.
8	SSE	2	SSE	1	SE	3	NNW	4	SSE	1	S	1	4	Ci.-S.	Cu.	2	------------	Cu.
9	S	2	SE	2	ESE	4	NW	4	NNW	4	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
10	S	2	SE	2	NNW	4	NNW	4	NNW	2	S	2	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.
11	SSW	1	Calm	----	N	3	NNE	3	SW	3	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu.
12	SSW	1	SSW	1	SSW	1	NW	2	NNE	2	SW	1	10	Ci.-S.	S.-Cu.	10	------------	N.-cf.
13	NNW	4	NNW	4	NNW	4	NW	3	N	2	N	3	10	Ci.-S.	N.-cf. N	10	Ci.-S.	Cu.
14	Calm	----	NNE	5	NNE	6	NNE	5	N	5	N	6	10	------------	S.-Cu.	10	A.-Cu.	S.-Cu.
15	N	5	N	5	N	4	N	4	NNW	4	N	3	10	Ci.-S.	N.-cf. N	10	Ci.-S.	Cu.
16	N	4	N	4	N	4	N	4	N	4	N	4	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Fr.-Cu. NNE
17	N	4	N	3	N	4	N	3	NNW	3	S	1	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
18	S	1	S	2	SSE	4	W	4	WSW	1	S	3	10	A.-Cu.	S.-Cu. S	2	A.-Cu.	Cu.
19	S	2	SSE	2	S	4	NW	2	Calm	----	SSE	1	10	Ci.	S.-Cu.	10	------------	N.-cf.
20	SSE	1	SE	1	SSE	4	N	4	NNE	4	N	2	10	------------	S.-Cu.	3	Ci.-S.	Cu.
21	SSE	1	S	2	SSE	4	N	3	NNE	4	NNE	4	8	A.-Cu.	S.-Cu.	2	------------	Cu.
22	SSE	2	SSE	2	N	3	NNE	3	NNE	4	Calm	----	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
23	Calm	----	S	1	ESE	3	NNE	4	NNE	4	Calm	----	10	------------	S.-Cu.	10	A.-Cu.	S.-Cu.
24	SSE	4	SSE	4	SSE	3	N	4	NNE	4	S	1	9	------------	S.-Cu.	1	Ci.-S.	Cu.
25	SSE	1	SSE	4	SE	4	N	4	NE	3	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
26	S	2	SSE	3	SE	4	NNE	4	NNE	3	Calm	----	9	A.-Cu.	S.-Cu.	5	Ci.-S.	Fr.-Cu.
27	S	1	S	2	NNE	2	NNE	4	N	4	N	4	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
28	S	1	S	1	SE	4	N	4	NNE	4	S	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
29	SSE	3	SSE	3	SE	4	NNE	4	NNE	4	NNE	2	2	Ci.-S.	Cu.	2	Ci.	Cu.
30	S	1	S	1	ESE	4	NNW	4	NNE	2	S	1	1	------------	S.-Cu.	1	Ci.-S.	Cu.
31	S	1	S	1	SSE	4	E	4	SSE	1	SSE	2	4	Ci.-S.	S.-Cu.	10	Ci.	Cu.
Mean	------	2	------	2.3	------	3.6	------	3.6	------	2.8	------	2.2	7.7	------------	------------	7	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.84	59.77	60.95	58.80	59.34	60.24	25	23.9	30.9	30.1	26	25	32.9	23.5	88	91	64	68	78	82	------
2	59.50	59.70	60.72	58.92	59.73	60.90	25.1	25	30.1	31	28.1	27.6	32.5	24.1	78	76	59	59	77	74	------
3	60.13	60.31	60.81	59.04	59.43	61.12	26	24.2	30.6	32.2	28.5	25.5	33.3	23.9	85	90	63	63	74	90	0.5
4	60.24	60.42	60.72	59.02	59.71	60.63	24.2	23	30.6	32.9	27.1	24.9	33.3	22.4	91	92	68	55	81	86	------
5	59.93	59.98	61.16	59.44	60.22	61.22	24.1	24.1	31.1	32.6	28.2	26.1	32.9	22.9	91	91	65	61	79	91	3
6	59.69	60.32	61.17	59.29	59.57	60.87	25	24.1	30.9	30.9	28.4	25.5	31.1	24.1	94	95	67	67	79	86	------
7	60.24	60.72	61.71	59.47	59.55	61.33	24.5	23.9	31	32.5	28.5	25	32.9	23	90	92	66	58	82	88	------
8	60.13	60.53	61.51	59.95	60.07	61.62	24.4	22.4	31.5	32.4	28.9	25.9	33.1	22.4	91	93	65	64	75	88	------
9	60.79	60.52	61.55	59.11	59.43	61.50	23.8	22.6	29.1	32.1	28.5	27.6	33.3	22.6	91	91	75	59	73	80	------
10	60.03	60.09	61.07	58.32	58.58	60.32	26.4	24.3	31	32.4	27.9	23	32.6	22.3	84	93	65	58	77	91	------
11	59.79	60.07	61.03	59.20	59.31	61.26	22.5	23.1	30.7	32.5	28	26.1	32.9	21.9	87	86	63	56	70	82	------
12	60.42	60.50	61.52	59.74	59.75	61.11	24.2	23	30.5	31.9	27.1	24.9	32.1	22.4	85	84	60	60	77	88	.3
13	60.59	60.89	61.93	60.07	60	60.66	23	21.1	30.1	32	27	27	32.1	21	91	93	65	60	78	81	------
14	59.92	60.42	61.58	59.85	59.97	61.13	25.1	23	29.8	31.4	27.4	26.9	32.1	22.9	89	79	50	44	64	65	------
15	60.15	60.61	61.91	61	61.33	62.30	23	20.6	30.6	31.5	25.6	22.5	32.1	19.8	86	84	52	52	79	89	------
16	61.73	61.62	62.35	60.35	60.67	61.52	24.5	21.4	30.1	30.6	27	27	31.8	21.1	82	90	64	62	72	72	------
17	60.74	60.96	61.77	60.03	60.18	61.48	26	25.6	30.1	30.5	27.1	26.7	31.1	25.4	72	71	59	56	68	72	------
18	61.09	61.74	62.67	60.79	61.16	62.17	26	24	30.9	32	27.6	26.9	32.1	23.9	76	83	52	50	68	72	------
19	61.51	61.74	62.96	61.36	61.85	62.38	23.1	21.6	30.7	31.9	27.6	26.2	32.6	21.3	87	91	64	55	73	82	------
20	61.77	62.03	63.51	61.42	61.48	62.11	23.2	24	31.9	32.1	28.4	25	33.5	22.1	90	91	64	63	77	89	------
21	61.51	61.79	62.57	60.56	60.77	61.47	23	22.6	30.6	31.5	28.1	27.2	33	22.1	90	89	63	57	79	78	------
22	60.76	60.88	61.56	59.86	59.91	61.53	24.4	22.9	30.4	31.5	27.9	25.5	31.9	22.6	88	89	65	62	79	84	------
23	61.28	61.72	62.78	61.26	61.41	63.03	22.5	21	30.5	31.4	27.9	25	31.6	20.6	87	92	63	61	71	80	------
24	61.54	61.94	63.22	61.22	61.40	62.61	23.5	23.6	30.1	31.6	27.6	24.5	32.4	22.9	73	72	50	43	73	84	------
25	62.08	62.13	63.20	60.95	60.92	61.50	23.5	22.5	29.4	30	26.9	23.5	30.1	21.5	73	82	52	55	62	82	------
26	60.10	60.30	61.06	59.03	59.03	60.23	22.4	22	29.6	30.9	27	26.2	31.4	21.9	81	81	51	46	68	74	------
27	58.68	58.34	59.31	57.08	57.42	58.91	25.2	24.8	30.3	31.6	27.5	23.9	32	23.2	82	82	62	62	74	85	------
28	58.19	58.46	59.96	58.22	58.47	59.73	23.3	22.6	28.5	31.1	28.1	25.7	32	22.5	90	89	65	58	72	79	------
29	59.40	59.53	60.62	58.76	59.08	60.13	23.3	21.1	30.5	32	27.9	26.8	32.7	21	89	95	56	60	76	77	1
30	59.68	59.69	60.89	59.32	59.47	60.41	25.1	24	26.7	30.9	27.4	27	31.7	23.8	88	92	83	65	78	78	------
Mean	60.38	60.59	61.59	59.71	59.97	61.18	24.2	23.1	30.3	31.6	27.6	25.7	32.3	22.5	85.6	87.3	62	58	74.4	81.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	4.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	S	2	SE	4	S	4	SSE	2	SSE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
2	SSE	4	SSE	4	SSE	4	ESE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	------------	S.-Cu.
3	S	1	S	2	SSE	4	NNE	4	NNE	4	S	1	10	Ci.	Cu.	7	Ci.-S.	Cu.
4	S	1	SSE	2	SE	4	ESE	2	S	2	SSE	3	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
5	SSE	3	S	4	SE	4	N	4	SSE	1	S	2	9	Ci.	S.-Cu.	3	Ci.-S.	Cu.
6	S	1	S	2	SSW	3	NE	3	NNE	2	S	2	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
7	S	2	S	2	S	4	NNE	4	NE	3	S	2	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
8	S	2	S	1	SSW	2	N	4	NNE	4	S	3	9	Ci.-S.	S.-Cu. NNE	3	Ci.-S.	Cu.
9	S	2	S	2	SE	4	NNE	4	NNE	3	NNE	3	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
10	NNE	2	SSE	2	N	4	N	4	S	1	S	1	4	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
11	SSE	3	SSE	4	SSE	3	N	3	N	4	S	1	10	Ci.	S.-Cu.	4	Ci.	Fr.-Cu.
12	S	2	S	4	SE	4	NNE	4	NE	1	S	2	1	Ci.	S.-Cu.	3	Ci.-S.	Cu.
13	S	1	S	1	SE	4	N	4	S	2	NNE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
14	SSE	2	SSE	4	SE	5	SE	4	NNE	4	NNE	3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-Cu.
15	SSE	1	SE	3	SSE	3	N	3	S	1	SSE	1	10	Ci.	S.-Cu.	10	Ci.	Cu.
16	SSE	4	SSE	2	SE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
17	NNE	4	NNE	4	NNE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	Cu. NNE	1	Ci.-S.	Cu.
18	NNE	4	SSE	1	SE	4	SE	4	NNE	4	NNE	4	7	Ci.-S.	S.-Cu.	1	------------	Cu.
19	SSE	1	SSE	1	N	4	N	4	NNE	4	SSE	2	1	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
20	SSE	2	SSE	2	SSE	4	NNE	4	N	4	SSE	2	7	------------	Cu.	3	A.-Cu.	S.-Cu.
21	SSE	2	SSE	2	WNW	2	N	4	NNE	4	NNE	4	4	A.-Cu.	S.-Cu.	1	------------	Fr.-Cu.
22	SSE	1	SE	2	N	2	NNE	4	NNE	4	SSE	2	1	------------	S.-Cu.	1	Ci.-S.	Cu.
23	S	1	S	1	SE	4	NNE	4	NNE	3	SSE	4	1	------------	S.-Cu.	1	Ci.-S.	Cu.
24	SSE	4	SSE	4	SE	5	E	4	NNE	4	SSE	2	7	------------	Cu.	1	------------	Cu.
25	SE	5	SE	4	SE	4	N	4	NNE	4	S	1	1	------------	S.-Cu.	1	------------	Cu.
26	SSE	4	SSE	4	SE	4	ESE	4	NNE	2	NNE	3	1	------------	S.-Cu.	3	Ci.-S.	Cu.
27	NNE	1	NNE	2	NNE	3	NNW	4	N	2	S	1	8	------------	Fr.-Cu. NNE	10	Ci.-S.	Cu.
28	SSE	1	SSE	2	SSE	4	S	3	ENE	2	S	1	10	Ci.-S.	S.-Cu.	10	------------	S.-Cu.
29	S	1	S	1	SE	4	NNW	4	N	4	NNE	4	1	------------	S.-Cu.	1	------------	Cu.
30	ESE	1	S	1	NNE	3	NNE	4	NNE	4	NNE	4	3	------------	Cu.	2	------------	Cu.
Mean	------	2.2	------	2.4	------	3.7	------	3.8	------	3	------	2.5	6.5	------------	------------	5.1	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.72	60.03	61.28	59.48	59.58	60.48	26.3	26.2	28.6	30.5	26.6	25.9	31.1	25.3	79	78	75	59	77	77	0.5
2	59.86	60.37	61.41	59.58	59.82	60.73	25	20.9	29.9	31	27	26.2	31.9	20.4	80	91	60	53	74	75	------
3	60.28	60.90	62.11	60.85	61.57	62.39	26.2	23.9	30.6	31.6	27.5	26.5	32.3	23.3	78	91	64	54	74	76	3.6
4	61.93	62.56	63.85	62.18	62.38	63.46	26	24	28.6	27	26.1	25.8	29.5	23.9	79	91	68	77	78	78	1.3
5	62.82	62.87	63.61	61.75	61.78	62.89	25.5	25.5	28.6	28.6	26.4	26.1	30	24.4	73	73	61	66	78	79	------
6	62.32	62.66	63.55	61.41	61.58	62.68	23.4	21.1	30.1	30.4	27	26.2	30.6	21	84	87	56	59	75	81	------
7	62.28	62.19	63.06	60.90	61.08	62.08	24	22.9	29.1	31	26.6	24.9	31.3	22.5	85	91	70	63	80	83	------
8	61.14	61.09	61.71	59.90	60.12	61.52	22.1	19.9	29.3	31.1	27.1	23.9	31.1	19.7	87	91	63	62	70	79	------
9	60.93	60.74	61.68	60.31	60.27	61.64	23.6	23.5	29.9	30.6	26.6	26.1	32.3	23.1	83	83	60	57	78	80	------
10	61.03	61.13	62.15	59.92	60.31	61.94	22.6	22	30	31.6	26.5	24	32.5	21.6	88	84	55	59	78	81	------
11	61.05	60.56	61.02	59.27	59.67	60.83	22.9	22.4	30.9	30.2	27.6	25.6	32.8	21.6	83	79	46	60	70	84	------
12	59.70	59.75	60.97	58.25	58.94	60.23	22.6	20.4	30.9	32.5	27.6	25.5	33.5	20.1	88	92	57	52	79	84	------
13	59.55	59.54	61.12	59.56	59.80	60.79	22.6	23.9	30.1	31.4	27	25.5	33.1	21.9	87	91	62	61	80	84	------
14	59.64	59.47	60.30	58.40	59.07	60.26	24.4	23.7	30.1	31.1	27.6	24.6	32.1	23.4	87	86	55	62	79	88	------
15	59.02	59.33	60.27	58.51	59.06	60.18	23.1	22.6	30.3	30.4	27.6	27.4	32.4	22.4	84	82	59	51	74	77	------
16	59.67	60.08	60.75	59.11	59.60	60.86	23.7	22.5	31	32.1	27.7	27.4	32.7	22	86	92	65	66	82	84	1.3
17	60.22	60.64	61.35	59.53	59.52	61.04	24.4	23.1	29.9	30.4	27.3	25	31.8	23	88	88	66	65	81	83	------
18	60.07	60.39	61.46	60.08	60.48	61.73	24.7	22.1	29.1	30.2	27.5	25.5	32.5	22	87	91	64	66	80	79	------
19	61.23	61.49	62.05	60.57	61.04	62.54	24.2	23.6	30	31.1	27	25	32	22.8	74	76	53	54	70	83	------
20	62	62.15	62.97	60.53	60.92	62.63	23.8	23.5	29.4	31.1	27.6	25.3	31.9	23.1	78	78	59	62	73	85	------
21	61.47	61.13	61.73	60.02	60.71	61.32	24.4	24.2	30.2	32.6	27.9	26.6	33.1	23.9	78	78	58	55	70	81	------
22	60.23	60.47	60.93	58.75	58.94	60.19	23	22.6	30.6	31.6	27.1	26.5	32.1	22.4	88	91	64	62	77	81	------
23	59.91	59.94	61.51	59.10	59.57	60.58	26.4	26.4	30.1	29.9	27	27	31.5	25.9	78	76	68	66	81	77	------
24	59.89	60.03	61.15	59.24	59.25	60.44	24	23.5	29.9	30.3	27	25.5	31.8	22.8	86	88	62	64	81	87	------
25	59.45	59.42	61.15	58.77	58.91	59.92	23.4	23	29.9	30.9	27.1	26.1	32.1	21.9	88	91	64	62	83	82	------
26	59.12	59.74	60.91	59.37	59.30	60.87	24.5	22.2	29.1	29.6	26.6	25.5	30.9	22	85	94	71	70	81	78	------
27	60.10	60	61.34	60.41	60.65	61.44	25.2	25.2	27.1	26.1	24.4	24.5	28.8	24	79	79	70	75	77	80	1.5
28	60.83	60.98	61.98	60.37	60.36	61.59	24.5	24	25.6	25.6	25.6	23.2	27.6	22	80	83	73	76	76	90	------
29	61.49	61.78	63.04	61.06	61.79	63.39	22.2	22.5	29	30.9	26.5	25.9	31.6	21.9	86	82	54	51	74	76	------
30	63.16	63.56	64.76	63.25	63.54	64.31	25.5	25.9	29.2	29.1	26.9	26.5	31.1	25.3	76	73	70	71	78	76	5.8
31	63.82	63.92	64.52	62.89	63.81	64.95	24.9	24.9	28.3	28	25.7	25.4	30.4	23.9	80	80	62	69	79	68	------
Mean	60.77	60.93	61.93	60.11	60.43	61.61	24.2	23.3	29.5	30.3	26.9	25.6	31.6	22.7	82.6	84.8	62.4	62.2	77	80.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	14

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	3	NNE	4	NNE	4	N	4	NNE	4	NNE	4	2	------------	S.-Cu.	2	------------	Fr.-Cu.
2	NNE	3	S	1	NNW	2	NNE	4	NNE	5	NNE	4	2	------------	S.-Cu.	2	------------	Fr.-Cu.
3	NNE	3	SSE	2	SE	4	NNE	4	NNE	4	NNE	4	3	------------	Cu.	2	------------	Cu.
4	NNE	4	SSE	1	NNE	4	NNE	6	NNE	7	NNE	6	10	------------	N.-cf.	10	------------	N.-cf. NNE
5	NNE	5	NNE	5	NNE	5	NNE	4	NNE	4	NNE	4	10	------------	S.-Cu.	10	------------	S.-Cu.
6	SSE	3	SSE	2	N	3	N	4	NNE	4	Calm	----	4	Ci.-S.	S.-Cu.	2	Ci.-S.	S.-Cu.
7	S	1	SSE	1	ESE	2	N	4	NNE	4	NNE	2	7	------------	S.-Cu.	2	------------	Fr.-Cu.
8	SSE	1	SSE	1	ENE	4	NNE	4	NNE	4	SSE	2	5	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
9	SSE	3	SSE	4	SSE	4	NNE	4	S	1	NE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
10	S	1	S	4	SE	4	N	4	S	1	SSE	2	3	Ci.-S.	S.-Cu.	7	A.-Cu.	S.-Cu.
11	SSE	3	SSE	4	SE	4	N	4	NNE	4	NE	1	1	------------	S.-Cu.	10	A.-Cu.	S.-Cu.
12	SSE	1	SSE	2	SE	5	ESE	4	NNE	4	SSE	1	1	------------	S.-Cu.	1	A.-Cu.	Cu.
13	SSE	1	SSE	2	SE	4	N	4	S	1	SE	1	2	------------	S.-Cu.	9	------------	S.-Cu.
14	SSE	3	SSE	4	SE	4	N	4	NNE	4	SSE	2	3	------------	Fr.-Cu.	1	Ci.-S.	Cu.
15	SSE	3	S	4	SE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	------------	S.-Cu.
16	Calm	----	S	1	N	3	NNE	4	NNE	3	NNE	2	6	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
17	SSE	2	SSE	3	ENE	3	NNE	4	NNW	4	SE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
18	Calm	----	SW	1	SSW	4	NW	2	NNE	3	SSE	3	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
19	SSE	4	S	4	ESE	4	ESE	4	NNE	4	SE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
20	SSE	4	SSE	4	SE	4	ESE	4	NNE	3	SE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
21	SE	4	SE	4	SSE	5	WNW	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
22	Calm	----	SSE	1	NE	4	NW	4	N	4	NNE	4	4	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
23	NNE	4	NNE	4	NNE	4	N	4	NNE	4	NNE	4	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
24	SE	1	SE	2	ESE	4	N	4	NNE	4	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
25	SSE	2	SSE	2	E	4	NW	4	NW	3	SW	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
26	S	1	S	1	WNW	4	NW	4	N	5	N	6	10	Ci.-S.	S.-Cu	10	Ci.-S.	Fr.-Cu. NW
27	N	6	N	6	N	6	N	5	N	5	N	5	10	Ci.-S.	Cu. N	10	------------	N.-cf. N
28	N	5	N	5	NNW	5	NNW	4	NW	4	S	1	10	Ci.-S.	N.-cf. N	10	------------	N.-cf.
29	S	3	S	4	S	4	NNE	4	NE	4	NNE	4	10	------------	S.-Cu.	1	------------	Cu.
30	NNE	4	NNE	4	NNE	4	NNE	4	NNE	5	NNE	6	10	------------	S.-Cu.	10	------------	S.-Cu.
31	NNE	4	NNE	4	NNE	4	NNE	6	NNE	5	NNE	5	10	------------	S.-Cu.	4	A.-Cu.	S.-Cu.
Mean	------	2.6	------	2.9	------	4	------	4.1	------	3.8	------	3	7	------------	------------	7.1	------------	------------

BAGUIO.[a]

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.95	38.12	39.19	37.74	37.93	38.25	16.2	15.7	22.9	17.8	17	15.5	24.2	15.2	84	82	54	95	94	100	11.4
2	37.35	37.21	37.47	35.88	36.39	37.25	15.3	15	18.3	22.2	18	16	24.2	14.9	99	97	71	57	88	95	1
3	36.85	36.99	38.55	36.87	37.25	38.10	15.7	15.2	23	21	17.7	16.5	24.5	14.8	91	89	57	78	92	91	------
4	37.20	37.85	39.43	37.94	38.08	39.05	15.6	15.6	19.7	23.5	17.5	16	24.5	15.2	90	87	64	65	90	92	.5
5	37.55	37.40	38.42	37	37.23	38	15.8	15.7	22.4	18.9	16.8	15.4	23.2	14.7	88	86	61	89	92	96	------
6	37.20	37.16	37.68	35.91	36.03	36.60	15.4	15.6	17.7	17.5	15.8	14.4	18	14.1	95	93	89	93	98	97	7.1
7	36.05	36.41	37.78	36.33	36.53	37.15	13.7	14.1	20.1	21.9	16.8	15.5	24.2	13.2	85	67	43	70	85	83	------
8	36.55	36.93	38.35	36.90	37.18	38.20	15.9	16.4	24	22.5	18.3	17.4	24.1	15.4	83	78	56	73	91	92	------
9	37.40	37.25	38.19	36.22	36.31	37.20	16.1	15.9	22.2	22.1	18.6	17.3	24.1	15.3	95	92	69	76	94	98	.8
10	36.30	36.68	37.69	36.08	36.53	37.25	16.5	16.1	20.9	18.1	17.5	16.4	21.3	15.5	99	95	83	95	95	99	4.4
11	36.20	36.93	38.16	36.48	37.06	37.05	15.8	15.5	19.4	17	15.2	15.3	21.1	14.8	99	97	75	95	97	93	92
12	36.45	36.98	38.10	36.43	37.24	37.95	15.4	15	20	18.4	16.4	15.3	20.6	14.7	89	88	72	88	97	100	23.1
13	37.40	37.74	39.10	37.15	37.60	37.65	14.9	14.5	16.9	20.4	16.3	15.8	21.8	14.3	99	97	95	83	98	99	5.6
14	37.35	37.67	38.97	37.48	38.12	38.65	15.6	14.9	18.4	18.8	16.8	16.2	20.9	14.7	97	98	89	86	95	95	------
15	38.05	38.59	39.80	38.09	38.57	39.05	15.5	14.8	17.9	21.4	17.5	15.4	22.3	14.5	95	94	85	77	83	93	------
16	38.60	38.59	40.22	38.34	38.63	38.75	14.5	14	18.8	21.8	17	15.1	22.6	13.9	98	95	84	72	82	87	------
17	37.85	37.92	39.31	37.66	37.89	38.45	14	14.2	20	20.4	15.6	14.3	22	13.7	89	83	62	71	88	81	------
18	37.60	37.78	39.20	37.50	37.69	38.40	14.5	14.4	18.3	19.3	16	14.2	21.4	13.5	65	46	68	72	61	72	------
19	37.45	37.41	38.63	37.32	37.87	38.25	13.3	12.9	21.5	19.1	15.8	14.2	23.8	12.6	79	87	42	83	84	89	------
20	37.90	38.10	39.02	37.43	37.87	38.20	13.8	13.9	21.6	17.1	16	15.3	23.7	13.4	90	88	58	97	96	95	------
21	37.95	38.18	39.61	38.14	37.96	38	14.8	14.8	20.7	19.9	15.2	15.9	22.5	14.1	93	90	70	73	91	82	------
22	38	38.59	39.96	38.53	39.02	39.50	15.3	14.7	19.4	20.4	18	15.5	21.1	14.1	86	89	76	78	84	90	------
23	38.95	39.31	40.34	38.68	39.02	39.45	14.6	13.8	21.1	19.7	16.3	15.3	24.4	13.4	86	79	50	82	91	91	------
24	38.80	39.30	40.38	38.80	39.14	39.65	14.1	14.3	20.6	19.9	17.3	15.5	22.3	13.8	90	88	59	76	95	100	1
25	39.25	40	40.93	39.47	39.92	40.25	15.5	15.1	19.3	17.9	15.9	15	20.1	14.3	95	93	70	89	96	94	------
26	39.25	39.69	41.14	39.15	39.60	40.25	13.8	13.5	20.5	19.4	15.3	12.8	23.2	12.1	97	90	60	80	80	89	------
27	39.30	39.57	40.69	38.94	39.11	39.95	11.6	11.4	18.8	20.5	15	12.6	22.1	11.2	90	85	51	66	78	82	------
28	39.05	39.18	40.85	39.30	39.57	40.20	11.6	10.4	16.4	18	14.9	13.1	20.5	10.1	84	86	70	78	47	64	------
29	39.30	39.52	40.69	39.39	39.59	40.50	13.2	13	19.8	18.2	15.5	13.7	22.9	12.6	65	70	53	80	88	93	------
30	39.65	39.76	40.82	39.26	39.36	39.80	12.8	12.9	20.4	21.5	16	15.3	22.8	12.3	92	85	55	49	69	70	------
31	39.20	39.15	41.07	39.58	39.33	40.45	14.5	14.2	19.3	20.5	14.7	12.3	21.3	11.6	76	77	57	52	74	87	------
Mean	37.87	38.13	39.35	37.74	38.05	38.63	14.7	14.4	20	19.8	16.5	15.1	22.4	13.8	89.1	86.2	66.1	78	86.9	90	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	146.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	E	W	E	E	118	82.6	40	91.7	332.3	8	A.-Cu. SE	S.-Cu. ESE	10	------	N.
2	E	E	ESE	SE	SE	Calm	146.7	225.1	68.2	45.9	485.9	10	------	N.	5	Ci. WSW	Cu.
3	E	E	SE	W	Calm	SE	91.2	48.5	84.2	81.3	305.2	6	Ci.	S.-Cu.	10	------	------
4	E	Calm	SE	E	SE	SE	73	58.7	45.3	119.6	296.6	2	Ci.	Cu.	10	A.-Cu.	N.-cf. SE
5	SE	SE	SE	W	Calm	SE	105.7	78.4	56.1	47	287.2	4	A.-Cu.	S.-Cu.	10	------	------
6	Calm	SW	W	Calm	Calm	SE	35.1	41.3	35.1	159.8	271.3	10	------	S.-Cu.	10	------	N.
7	SE	E	ESE	SW	SE	SE	124.1	123.4	64.4	141.6	453.5	2	Ci.	S.-Cu.	3	Ci.	Cu.
8	SE	ESE	ESE	SW	Calm	E	138.7	82.6	70.6	37	328.9	2	Ci.	Cu.	8	------	Cu. SbyE
9	E	E	W	W	Calm	SE	63.3	63.3	79.1	72.6	278.3	0	Ci.	S.-Cu.	9	------	Cu. SE
10	SE	Calm	W	W	Calm	ESE	108	28	35.2	60.6	231.8	9	A.-Cu. SW	S.-Cu.	10	------	------
11	SE	NE	SW	SW	E	SE	69.8	56.1	51.5	120.7	298.1	10	------	S.-Cu. NE	10	------	Cu.-N.
12	E	E	SE	SW	Calm	E	90.7	71	34	40.4	236.1	6	A.-Cu.	S.-Cu.	10	------	N.-cf.
13	ENE	E	SW	WSW	WSW	SE	78.1	47	70.2	43	238.3	5	Ci.-S.	S.-Cu. ESE	9	------	Cu.-N.
14	SE	E	W	W	SW	SSW	43.8	43.5	58.9	39.1	185.3	10	------	S.-Cu. ESE	10	------	Cu.-N. SSW
15	Calm	ESE	SW	W	Calm	ESE	48.3	38	81	81.5	248.8	4	Ci.	Cu.	5	------	Cu. SE
16	ESE	Calm	W	WSW	WSW	N	32.2	35.7	101.6	47.2	216.7	1	Ci.	Cu.	4	Ci.	Cu. WSW
17	NNE	N	WSW	W	NW	NNE	61.2	70.6	110.2	67.8	309.8	4	A.-Cu.	Cu.	5	------	Cu. SSE
18	NW	Calm	SW	W	NNE	NE	53.6	54.4	101.1	51.2	260.3	2	Ci.	Cu.	5	Ci.-S.	Cu. NNW
19	S	SE	SE	WSW	SE	E	42.4	48.5	78.4	116.1	285.4	1	Ci.	S.-Cu.	10	------	------
20	E	E	E	W	Calm	Calm	129	112.5	62.6	20.9	325	2	Ci.	Cu.	10	------	------
21	Calm	Calm	SW	WSW	N	SE	6.9	52.8	115.9	98.5	274.1	10	------	S.-Cu. NW	7	------	Cu. NW
22	E	Calm	Calm	W	Calm	W	39.2	41.3	80	27.6	188.1	7	A.-Cu. SE	Cu.	10	------	Cu.-N.
23	E	E	S	W	WSW	Calm	86.1	63.1	96.3	36.4	281.9	1	Ci.	Cu.	10	------	Cu.-N.
24	N	N	S	W	Calm	WNW	48.6	40.7	63.6	55	207.9	5	A.-Cu. SSE	Cu.	9	------	Cu.
25	NNE	E	Calm	NW	WSW	ESE	33.3	52.1	50.2	43.5	179.1	10	A.-Cu.	S.-Cu. SE	10	------	------
26	E	SE	SE	SW	SE	SE	123.6	93.8	66	116.5	399.9	3	Ci.	Cu.	10	------	Cu. SSE
27	ESE	SE	ESE	W	E	E	112.1	88.7	82.1	62.5	345.4	1	------	S.-Cu.	6	------	Cu.
28	E	SE	NW	SW	SE	E	100	75.8	75.9	159.3	411	0	Ci.	Cu.	10	------	Cu.
29	E	E	SE	SW	SE	E	198.9	128.4	89.6	100.8	517.7	1	Ci.	Cu.	8	------	Cu. SE
30	E	SE	E	SE	E	E	124.1	104.6	146.4	218.3	593.4	5	Ci. S	Cu.	4	A.-Cu. SSW	Cu. E
31	E	E	SE	E	SE	SE	241.9	170.6	143.7	166.8	723	6	Ci.	S.-Cu.	3	Ci.	Cu. E
Mean	------	------	------	------	------	------	89.3	74.9	75.4	82.9	322.5	4.7	------	------	8.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,996.3	------	------	------	------	------	------

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[a] The barometric readings of this station are not reduced to sea level.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	40.20	40.36	41.73	39.80	39.71	40.45	11.2	13.4	22.2	20.4	15.6	12.4	22.8	11.1	89	66	47	71	79	88	------
2	39.40	39.43	40.53	39.08	39.11	39.15	12	11.4	17.5	21.6	15	13.8	22.3	11	84	80	51	40	62	68	------
3	38.55	38.34	39.69	37.94	37.87	38.30	13.3	13.3	19.8	20.9	16.8	14	23.3	12.1	73	74	54	67	77	80	------
4	37.60	37.73	38.60	36.99	37.23	38	13	12.8	20.9	20.6	16.3	14.4	22.7	12.2	78	72	54	70	90	89	------
5	37.65	37.59	39.06	37.34	37.63	38.45	12.8	13.8	20.4	20.8	17.3	15.2	22.3	12	93	74	63	74	86	89	------
6	38.20	38.10	39.47	38.04	38.11	38.80	14.2	13.4	18.6	19.2	16.8	15.4	22.4	13.1	89	83	66	82	95	97	23.6
7	38.10	37.89	39.09	37.61	37.88	38.50	14.6	14.4	20.9	17.9	17	15.2	24.1	14.1	99	92	63	95	94	99	.5
8	37.65	37.59	38.65	37.22	37.46	38.05	14.8	14.6	19.9	18.9	16.5	15.9	21.3	14.1	96	91	80	89	84	82	------
9	37.45	37.79	39.08	37.64	37.73	38.20	15.4	14.4	18.9	20.8	16.8	15.8	21.8	14.3	81	73	78	76	97	100	------
10	37.60	37.79	39.13	37.93	38.01	39	15.5	15.3	20.1	17.9	16.7	16.3	21.4	14.8	100	95	77	93	88	87	.5
11	38.30	38.44	39.36	38.23	38.26	39.20	15.4	14.6	21	21	16.5	14.2	24	13.1	90	96	62	77	77	87	------
12	38.50	38.94	40.41	38.41	38.35	39.10	13	12.4	20.4	19.5	16.6	14.1	22.5	12.1	90	86	52	79	83	90	------
13	38.60	38.99	40.03	38.24	38.57	39.45	12.9	13.9	20.3	19.3	17	14.7	22.6	12.7	92	77	61	81	89	93	------
14	38.65	39.03	40.56	39.15	39.37	40.35	13.7	13.6	22.5	21.1	16.4	15.2	22.9	13.4	90	84	58	73	90	95	------
15	39.55	39.72	41.24	39.53	39.73	40.75	14.1	14.5	21.3	20.4	17.4	16	24.2	13.8	99	87	63	84	94	96	------
16	40.15	40.31	41.61	39.43	39.18	39.70	14.9	13.9	21.5	22.3	17	14.9	23.2	13.6	98	95	56	72	94	99	------
17	38.80	38.81	39.80	38.04	38.04	38.60	14	12.5	21	20.3	17	14.3	23.3	12.1	94	92	44	73	74	81	------
18	37.80	37.60	38.93	37.06	37.27	38.05	13.4	12.7	21.3	21.9	16.9	15.1	24	12.4	79	78	46	66	84	88	------
19	37.05	37.10	38.49	37.39	37.01	37.95	13.6	13.1	21.2	22.4	17.4	15.1	22.9	12.7	94	94	52	66	97	89	------
20	37.10	36.74	37.75	36.65	36.76	37.20	14.2	15.5	23.5	21.9	18	16.3	23.6	13	75	39	37	67	75	82	------
21	37.05	37.04	37.53	36.24	36.50	37.25	15.6	15.5	23.7	19.4	16.4	16.2	26.5	15.3	86	88	52	88	94	89	15.7
22	36.10	36.65	37.71	36.25	36.29	37.20	15.6	15.4	23	24	18.4	16.2	25.2	14.8	91	86	55	70	96	100	------
23	36.50	36.23	37.30	35.83	35.98	36.90	15.9	15.9	21.7	20.9	17.3	16.1	23.6	15.3	100	88	70	85	95	98	------
24	36.30	36.60	37.69	36.66	36.59	37.30	15.3	15	20.4	21	18.5	16.2	22.5	14.3	100	96	81	79	77	85	------
25	37.10	37.20	38.79	37.37	37.31	37.95	16	14.9	20.7	22.5	17.9	16.5	23.9	14.7	79	78	76	69	90	92	------
26	36.90	36.89	37.96	36.54	36.27	37.10	14.7	14.7	18.8	20.6	17.1	15.7	23.3	14	100	97	80	76	92	88	------
27	36.20	36.69	37.91	35.98	35.85	36.45	14.7	14.2	18.4	21.2	17	15.1	22.7	14	96	94	85	76	93	96	------
28	35.90	36.31	37.91	36.94	36.99	37.85	13.8	13.2	21.4	19.4	17.6	15.6	23	12.8	94	88	60	80	78	86	------
Mean	37.82	37.92	39.14	37.63	37.68	38.40	14.2	14	20.8	20.6	17	15.2	23.2	13.3	90.3	83.7	61.5	75.6	86.6	89.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	40.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	E	E	ESE	SW	E	E	131.5	108.8	108.9	129	478.2	0	Ci.	Cu.	8	------	Cu. WSW
2	E	SE	SE	NE	SE	E	126.6	137.1	------	173.2	------	6	Ci.	Cu.	5	Ci.-S. S	Cu.
3	E	E	E	SW	SE	ESE	138.4	126.1	66.6	104.4	435.5	0	------	Cu.	6	Ci.	Cu. SE
4	ESE	ESE	SW	W	Calm	SE	106.2	69.5	95.5	51	322.2	0	Ci.	S.-Cu.	9	------	Cu. SE
5	NE	E	Calm	W	SE	E	85.9	62.6	84.3	82.3	315.1	1	Ci.	Cu.	9	Ci.-S.	Cu. SW
6	E	E	W	SW	Calm	SE	79.9	59	66.2	85	290.1	1	------	S.-Cu.	10	------	------
7	E	E	SE	WSW	NE	SE	114.6	101.2	68.2	108	392	4	Ci.	S.-Cu.	10	------	------
8	E	E	SW	WSW	WSW	Calm	79.5	65.2	99.3	25.5	269.5	6	Ci.	S.-Cu.	10	------	------
9	E	E	W	WSW	SSW	Calm	70.3	66.3	99.3	14.2	250.1	3	A.-Cu.	S.-Cu.	9	------	Cu.-N. WSW
10	Calm	Calm	SW	SW	Calm	Calm	16.7	63.4	67.9	11.3	159.3	9	Ci.-S.	S.-Cu.	10	------	------
11	E	E	E	WSW	ENE	SE	63.4	110.5	95.3	140.5	409.7	4	Ci.-S.	Cu.	10	------	Cu. SE
12	SE	E	E	SW	Calm	E	151.6	109.4	75.4	69.7	406.1	6	Ci.	Cu.	10	------	Cu.-N.
13	E	E	W	WSW	Calm	E	103.3	84.8	95	54.7	337.8	5	------	S.-Cu.	9	------	Cu. S
14	E	E	Calm	WSW	Calm	SE	86.7	76.1	119.4	33.8	316	0	------	S.-Cu.	6	------	Cu.-N. S
15	Calm	Calm	NE	WSW	WSW	Calm	31.1	38.1	74.3	26	169.5	4	Ci.	S.-Cu.	10	------	Cu.
16	WSW	E	S	WSW	Calm	E	35.6	69.2	102.2	72.4	279.4	1	Ci.	Cu.	6	------	Cu.-N.
17	E	NE	SE	W	SE	E	84.3	51.3	102.8	123.6	362	0	Ci.	------	9	------	Cu. SW
18	E	E	SE	SW	SW	SE	135.5	104.6	92.2	42.1	374.4	0	------	Cu.	4	------	Cu. SE
19	Calm	N	E	WSW	SW	E	50.9	73.2	96.4	56.3	276.8	4	------	Cu. NNE	3	------	Cu. S
20	E	E	SE	SW	ENE	E	85.8	101.1	80.8	75.9	343.6	3	Ci.	S.-Cu.	9	------	Cu. SE
21	E	E	E	WSW	E	E	115.1	164.7	97.4	121.3	498.5	1	------	Cu.	10	------	------
22	E	E	E	WSW	WSW	E	146.1	129.8	101.4	44	421.3	8	A.-Cu. SSE	S.-Cu. SE	6	------	Cu.-N. SE
23	SE	Calm	SW	W	WSW	E	73	61	96.6	43.7	274.3	0	------	S.-Cu.	10	------	------
24	E	N	SW	SW	SE	SE	71	77.9	78.7	105.7	333.3	3	------	Cu. NNW	9	------	Cu.-N.
25	E	E	SW	SW	WSW	E	59.3	60.7	108.8	22.2	251	0	Ci.	S.-Cu.	6	------	Cu.-N. WSW
26	SE	NNE	SW	NW	Calm	Calm	33.5	64.7	107.5	25.5	231.2	5	Ci.	Cu. N	8	------	Cu.-N. E
27	Calm	Calm	WSW	W	Calm	E	35.1	42	99.6	57.7	234.4	4	------	S.-Cu. N	9	------	Cu.-N. SE
28	SE	E	SW	WSW	Calm	SE	94.4	88.3	91.2	52.1	326	0	Ci.	S.-Cu.	10	------	Cu.
Mean	------	------	------	------	------	------	85.9	84.5	91.5	69.7	324.3	2.8	------	------	8.2	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.35	37.83	39.46	37.80	37.77	38.55	14.3	14	18.2	19.2	17.7	15.2	22.7	13.7	93	91	76	83	89	87	------
2	37.75	38.08	39.36	37.44	37.01	37.95	14.2	12.8	22.1	22.5	17.6	15.4	23.4	12.5	84	77	39	69	92	95	------
3	36.85	37.34	38.54	37.01	36.83	37.90	14.8	15.6	18.4	19.5	17.4	16.5	22.5	14.3	93	81	77	84	88	89	1.3
4	36.95	37.21	38.26	36.64	36.58	37.60	14.4	15.3	22.6	19.4	17.6	16.5	23.6	14.2	97	81	56	85	89	94	.5
5	36.95	37.23	38.29	36.56	36.67	37.35	15.6	15.6	17.7	18.4	17.1	16	20.9	15.4	95	92	91	88	92	96	1.3
6	37.05	37.25	38.19	36.72	36.53	37.80	15.4	14.5	21.1	21.9	18.5	16.4	23.2	14.3	96	94	75	74	92	100	1
7	36.50	36.59	37.41	35.73	35.76	36.90	15.3	15.8	19.5	19.7	17.6	16.7	22.9	15.3	97	83	79	86	96	100	18.5
8	36	36.12	36.75	35.28	35.23	36.20	16.3	16.1	23	20.1	18.9	17.3	23.9	15.7	99	98	66	91	91	97	------
9	35.20	35.32	36.39	35.16	35.19	36.15	16.7	16.2	21.5	22.8	19	17.4	23.9	16	94	90	77	81	93	100	------
10	35.80	35.94	37.32	36.21	36.26	37.10	16.7	15.8	24.5	20.9	17.3	17.1	24.5	15.7	99	99	66	85	79	83	------
11	36.45	36.86	37.62	36.26	36.23	37.20	16.5	16	23.5	21.4	18	16.7	25.5	15.7	91	98	66	80	90	95	------
12	36.70	36.78	37.71	36.08	35.81	36.55	15.6	14.8	21.5	23.8	18.4	17	24.7	14.5	99	94	71	66	88	90	------
13	35.95	36.40	37.46	35.72	35.78	36.90	16.2	14.9	20.9	24.3	18.5	16	25	14.8	87	94	68	59	93	100	------
14	36.30	36.62	37.81	36.53	36.61	38.20	15	15.1	20.3	22.3	19.5	16.9	24.3	14.8	100	97	76	71	83	91	------
15	36.90	36.61	37.76	36.46	36.75	37	15.4	14.6	21.5	23.1	18.9	16.4	26.3	14.5	93	91	54	74	89	91	------
16	35.95	36.42	37.66	36.27	36.58	37.05	15.4	14.5	21.5	23.4	18	16.4	26.6	14.3	90	86	50	58	83	90	------
17	36.70	36.93	37.63	35.66	36	37.45	16	15	24.9	23.1	18.3	15.6	26.2	14.7	85	92	29	63	78	87	------
18	36.35	36.29	37.80	36.41	36.24	37.30	15	14.3	21	22.4	18.4	16.3	25.3	14.1	85	84	51	72	86	93	------
19	36.35	36.32	37.66	36.33	36.32	37.25	15.4	14.6	23.5	22.2	18.4	16.2	26.6	14.5	96	93	43	75	88	99	------
20	36.75	36.91	38.41	36.96	36.61	37.25	15.6	14.9	24.5	22.4	18.9	16.7	24.5	14.7	93	98	55	69	84	95	------
21	36.30	36.26	37.20	35.58	35.46	36.10	16	15.1	21.2	24.6	18.7	18.1	25.2	14.9	96	97	73	62	85	76	------
22	31.95	35.69	37.33	35.94	35.53	36.50	16.5	15.2	21.8	21.9	18.4	17.3	24.8	14.7	90	97	72	73	91	86	------
23	35.35	35.57	36.96	35.62	35.60	36.85	15.4	14.8	22.8	25.5	19.5	17.4	26.2	14.6	100	97	66	58	83	89	------
24	36.40	37.08	38.50	37.40	37.29	38.20	16.1	15.8	19.9	22.5	18.9	17.5	24.6	15.2	96	94	82	72	88	85	------
25	37.40	37.82	39.14	37.26	36.96	38.05	16.5	15.7	17	21.4	17.9	16.9	23	15.5	88	89	92	76	96	96	------
26	37.20	37.29	38.38	36.98	36.92	38.10	15.6	14.9	21.6	18.9	16.7	16.4	22.8	14.8	96	92	73	89	97	95	------
27	37.40	37.95	39.10	37.39	37.59	38.75	14.5	14.9	20.6	23.2	17.8	------	24.3	14.2	96	86	67	60	88	------	------
28	38.45	38.54	39.49	37.97	37.59	38.55	------	14.7	21.9	23.7	18.4	17.2	24.9	14.2	------	96	67	68	91	91	------
29	37.55	38.16	39.45	37.81	37.72	38.45	15.8	15	20.5	23.4	19.5	17.9	25.9	14.5	91	92	73	66	79	80	------
30	37.50	37.84	39.11	37.68	37.49	38.25	16.8	15.9	25.9	23.6	19.1	16.3	26.5	15.7	86	90	47	65	77	85	------
31	37.30	37.66	38.75	37.39	37.46	38.80	15.3	14.9	24	20.3	18.3	16.8	24.9	14.2	83	73	39	86	91	96	.3
Mean	36.66	36.93	38.09	36.59	36.53	37.49	15.6	15.1	21.6	22	18.3	16.7	24.5	14.7	92.9	90.8	65	73.8	88	91.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	22.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	E	NE	W	WSW	Calm	ENE	62.2	77.5	108.6	61.8	310.1	0	Ci.	S.-Cu.	10	------	Cu.-N.
2	ENE	ENE	SE	W	Calm	SE	120.1	107	108.6	51.2	386.9	7	Ci.	Cu.	5	------	Cu. SE, W
3	N	Calm	SW	WSW	NW	ENE	32.5	43.1	95.5	51.8	222.9	9	------	S.-Cu. E	10	------	Cu. E
4	ENE	ENE	SE	W	Calm	Calm	109.6	97.2	66.5	11.6	284.9	10	Ci.	S.-Cu.	10	------	------
5	E	Calm	W	W	SE	E	46.1	40.7	45.1	65	196.9	10	------	N.	10	------	------
6	E	E	W	W	Calm	ESE	87.2	73.4	74.6	56	291.2	4	Ci.	Cu.	9	------	Cu.-N. E
7	E	E	SW	W	Calm	NE	90.9	65.4	65.7	34.9	256.9	4	Ci.	------	9	Ci.	N.-cf.
8	NE	Calm	NE	W	SSE	SE	30.4	43.3	91.4	64.4	229.5	9	------	S.-Cu.	9	------	Cu.-N. E
9	ESE	ESE	SSW	SW	Calm	Calm	78.1	83.7	85.5	45.3	292.6	1	Ci.	Cu.	10	------	Cu.
10	SE	NE	SE	WSW	SE	SE	23.8	58.7	90.7	98.4	271.6	2	A.-Cu. SE	S.-Cu.	9	------	Cu.-N. E
11	E	NE	Calm	WSW	WSW	S	80.8	69.2	127.7	21.2	298.9	2	Ci.	S.-Cu.	10	------	N.-cf. WSW
12	SE	Calm	SW	WSW	Calm	S	34.4	68.2	115.9	37.3	255.8	7	Ci. S	Cu.	6	------	Cu.-N.
13	SE	E	W	W	WSW	NE	57.3	50.1	121.2	34.9	263.5	1	------	Cu.	5	------	Cu. WSW
14	Calm	Calm	W	SW	SW	SE	16.4	51.2	96	81.9	245.5	8	Ci.	Cu. SE	5	------	Cu.-N. E
15	ENE	E	SE	W	WSW	E	152.1	130.4	78.7	118	479.2	3	Ci.	------	10	------	Cu.
16	E	E	SE	WSW	SW	SE	108	61	123.3	50.2	342.5	0	Ci.	Cu.	6	------	Cu. SE
17	ENE	NE	ENE	WSW	WSW	E	86.9	54.7	145.9	74.5	362	0	Ci.	------	3	------	Cu. SE, WSW
18	ENE	SE	SW	W	Calm	SE	118.9	82.3	111.5	37.5	350.2	6	Ci. S	S.-Cu.	7	------	Cu.-N. SE
19	E	E	E	WSW	SW	E	98	74.5	110	58.7	341.2	0	Ci.	S.-Cu.	7	------	Cu. SE
20	SE	E	SW	WSW	WSW	SE	71.4	86.4	136.2	70.2	364.2	10	------	Cu.	5	------	Cu.-N. SE
21	ENE	Calm	SW	WSW	Calm	SE	64.6	49.7	118.1	75.9	308.3	0	Ci.	------	4	------	Cu.
22	E	NE	W	WSW	WSW	SE	82.3	81	125.2	53.7	342.2	10	------	------	10	------	Cu.
23	SE	ENE	SW	WSW	Calm	Calm	65.5	76.1	135	18.7	295.3	10	------	------	4	------	Cu. NW
24	SE	Calm	SW	W	WSW	Calm	34.4	59.3	104.1	31.9	229.7	2	------	S.-Cu.	8	------	Cu.-N. E, NW
25	SE	Calm	Calm	SW	SW	SE	34.8	40	83.1	33.2	191.1	0	------	Cu.-N.	10	------	N.-cf. SE
26	SE	E	SW	W	SW	ESE	49.3	65.5	92.8	60.2	267.8	0	------	S.-Cu.	10	------	------
27	ESE	E	W	W	SW	SE	84.5	81.1	137.6	46.4	349.6	0	Ci.	Cu.	7	------	Cu. SE
28	SE	NE	W	WSW	WSW	SE	51.5	87.2	118.3	45.9	302.9	4	Ci.	Cu. NE	8	------	Cu. SE
29	SE	NE	SW	WSW	WSW	SE	80.7	81.3	131	41.5	334.5	1	Ci.	Cu.	8	------	Cu. SW
30	ENE	ENE	SE	WSW	WSW	S	93.6	86.7	156.3	58.4	395	1	Ci.	Cu.	5	------	Cu.
31	E	SE	E	W	SW	Calm	127.7	111.5	107.5	22	368.7	1	Ci.	------	10	------	------
Mean	------	------	------	------	------	------	73.4	72.2	106.7	52	304.2	3.9	------	------	7.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,431.6	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.65	37.60	38.70	37.04	36.87	37.80	15.9	15.4	23.6	21.4	19	16.4	24.3	15.1	98	95	44	77	90	96	------
2	36.55	37.01	38.09	36.25	36.16	37.05	15.7	15.1	20	20.6	18.2	17.1	24	14.9	95	92	76	77	95	89	------
3	36.10	36.30	37.43	36.23	36.05	37	15.6	15	20.3	20.3	17.7	17	23.2	14.4	91	91	73	79	92	86	------
4	36.65	36.67	38.03	36.70	36.74	38.05	15.5	14.5	19.6	22.2	18.5	16.7	23.8	14.1	91	93	74	65	75	82	------
5	37.15	36.94	37.92	36.50	36.31	37.40	15.9	15.3	21.3	20.8	17.5	17.1	23.9	15.1	87	89	70	67	82	81	------
6	36.45	36.41	37.35	35.84	35.72	36.55	15.1	14.4	24.1	22.1	16.9	16.6	24.3	14.3	93	95	49	67	85	79	------
7	35.70	35.72	37	36.06	36.21	37.10	15.3	15	22.3	21.9	17.9	17.4	25.4	14.6	76	78	55	71	89	85	------
8	36.30	36.27	37.50	36.31	36.54	37.75	15.7	14.9	21.4	23	19.8	18	24.7	14.6	86	94	68	69	83	92	------
9	36.75	36.76	37.73	36.24	36.47	37.90	15.7	15.5	20	20.6	18.6	16.9	24.6	15.1	100	97	79	79	86	90	------
10	36.70	36.78	37.47	36.17	36.16	37.15	16	15.5	20.9	21.8	17.7	16.9	24.4	15.3	94	93	73	68	95	92	------
11	36.20	36.59	37.61	36.38	36.48	37.60	16.3	16.2	21.9	21.4	18.6	18	25.6	15	85	80	64	73	93	87	------
12	36.75	37.13	37.92	36.73	36.83	37.90	17.2	16.4	21.3	22.9	19	17.7	25.5	16.1	90	88	73	68	83	88	------
13	36.95	37.20	38.24	36.59	36.51	37.80	16.8	16.6	20.9	21.4	18.9	18.3	25.3	15.4	90	85	68	76	90	90	------
14	36.90	37.47	38.68	36.75	36.46	37.55	16.9	16.8	22.4	24.2	19.9	17.5	25.9	16.5	97	93	70	69	89	99	------
15	36.55	36.73	37.56	35.71	36	37.05	16.6	16.8	22.4	23.5	17.3	17	25.1	15.5	100	92	74	71	87	85	7.6
16	36.05	36.04	37.27	35.48	35.83	37.30	16.1	15.6	21	20.7	18.9	17.7	24	15.4	92	98	83	86	92	90	------
17	36.50	36.48	37.75	36.17	36.03	37.50	16.9	16	22.8	21	17.1	15.7	27	15.6	93	97	58	84	96	100	49.8
18	36.85	37.15	38.46	36.90	36.91	37.95	16.4	16	20.5	17.4	17.7	16.5	22	15.6	96	98	75	88	98	97	28.7
19	36.70	36.66	38.16	37.11	36.80	37.65	16.1	16.9	20.1	18.6	17.9	17.3	21.4	15.4	92	75	73	91	91	85	------
20	36.75	37.30	38.76	36.81	37.46	38.30	16.4	16.5	21.5	19.7	17.3	17.1	24.1	15.2	91	87	76	90	89	88	4.9
21	37.20	37.48	38.23	36.95	36.98	37.95	16.4	16.4	22.5	21.7	18.7	17	25.9	15.8	91	87	51	84	92	96	------
22	37	37.02	37.87	37.08	36.85	37.50	16.4	16.1	22.1	22.6	18.9	17.4	26	15.6	94	77	51	69	90	91	------
23	36.60	36.67	37.49	35.96	35.82	36.05	16.1	16	23.5	24.6	20.1	16.4	26.3	15.3	95	85	51	60	80	87	------
24	35.55	35.14	36.51	35.71	35.82	36.80	16.2	16.6	21.4	23.5	19.7	17.2	25.4	15.8	73	58	56	73	83	88	------
25	35.80	35.90	36.77	35.86	36.05	37.25	16.7	16.5	23.8	24.1	20.5	17.4	25.8	15.9	80	77	50	45	75	84	------
26	36.15	36.55	37.74	36.27	36.36	37.40	16.6	17	24.2	23.8	19.6	17.1	26.8	16.2	75	62	46	73	89	87	------
27	36.20	36.61	37.70	36.41	36.41	37	16.3	17.2	22.9	23.2	19.8	17.6	25.3	15.7	76	63	52	75	94	87	------
28	36.25	36.14	37.02	35.86	36.16	37	16.7	16.6	25.1	23.3	18.8	17.2	25.3	15.2	73	48	42	72	86	84	------
29	36.10	36.49	37.13	35.38	35.55	36.35	16.4	16.6	24.2	24	19.6	17.6	26.1	15.8	80	72	39	62	89	94	------
30	35.30	35.94	36.46	35.30	34.94	36	16.7	16.8	21.9	20.9	19	17.8	24	15.8	97	92	72	80	89	92	------
Mean	36.48	36.64	37.68	36.29	36.32	37.32	16.2	16	22	21.9	18.6	17.2	24.8	15.3	89.4	84.4	62.8	73.6	88.2	89	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	91

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a.m.			2 p.m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	6 a.m.	Noon.	6 p.m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	ESE	E	W	W	SE	44.3	88.5	107.6	44	284.4	10	------	S.-Cu. ESE	8	------	Cu. ESE
2	NNE	NNE	W	SW	WSW	SE	59	80.7	111	47.2	297.9	3	Ci. SSW	Cu.	10	------	N.-cf.
3	SE	NE	SW	SW	Calm	SE	50.1	78.3	91.4	53.3	273.1	8	Ci. SW	S.-Cu.	10	------	N.-cf.
4	SE	NE	SW	W	NE	Calm	56	84.2	114.8	24.7	279.7	7	Ci. SW	Cu.	10	------	N.-cf. SE
5	Calm	E	SW	WSW	NNW	SE	16.1	64.9	109.9	47.2	238.1	7	Ci.	S.-Cu.	10	------	N.-cf. SE
6	SE	ENE	SE	SW	WSW	SE	34.4	68.6	124.5	54.4	281.9	6	Ci. W	S.-Cu.	10	Ci.-S.	Cu. SE
7	SE	E	SW	W	WSW	Calm	59.2	77.9	138.7	51.3	327.1	4	Ci. WSW	S.-Cu.	8	------	Cu.
8	Calm	E	SW	SW	Calm	Calm	34.1	68.7	117.3	22	242.1	0	------	Cu.	8	------	N.-cf. ESE
9	Calm	NNW	WSW	WSW	WSW	ESE	28.5	75.1	125.7	29	258.3	2	Ci.	Cu.	7	------	Cu. E
10	NW	NW	W	SW	WSW	NE	45.3	76.9	140.3	54.2	316.7	3	------	Cu.	9	------	Cu. SSW
11	ENE	SE	WSW	WSW	Calm	SE	53.6	76.9	129.3	37.3	297.1	0	------	------	9	------	Cu.
12	Calm	SE	SW	WSW	ENE	Calm	33.8	82.7	128.5	67	312	1	------	S.-Cu.	8	------	Cu. SW
13	SE	ESE	SW	WSW	WSW	SE	81.9	73.4	115.3	38	308.6	0	Ci.	Cu.	9	------	Cu.-N. ESE
14	ENE	ENE	WSW	WSW	Calm	ESE	96	92	109.7	44.3	342	1	Ci.	Cu.-N.	10	------	Cu.-N. SW
15	Calm	SE	W	WSW	SE	SE	23.8	82.3	108.8	78.3	293.2	1	Ci.	Cu.	10	------	Cu.-N. S
16	NNW	NE	WSW	WSW	WSW	SE	70.6	65.8	89.3	92.7	318.4	10	------	------	9	------	Cu.-N.
17	SE	SE	E	SW	SE	E	75	117	108.4	64.9	365.3	9	Ci.	S.-Cu. SE	10	------	Cu.-N.
18	E	SSE	NE	SE	Calm	E	45.3	61.5	61.8	93.3	261.9	10	------	Cu.-N.	10	------	N.
19	E	SE	S	W	SE	ESE	109.1	72.9	68.9	116.1	367	10	Ci.	S.-Cu.	10	------	Cu.-N.
20	SE	SE	SW	SW	Calm	E	38.9	67.4	120.9	50.5	277.7	0	Ci.	Cu.-N.	10	------	------
21	E	E	ESE	W	WSW	SE	100.6	100.6	116.4	81	398.6	2	Ci.	Cu.	8	------	Cu.-N. ESE
22	SE	SE	ESE	W	Calm	SE	126.1	149.7	139.4	73.7	488.9	1	Ci.	Cu.-N.	7	------	Cu.
23	NE	ESE	ESE	W	NW	ESE	84.3	95	114.9	89.6	383.8	0	------	S.-Cu.	5	------	Cu. ESE
24	E	E	ESE	W	W	ESE	243.2	220.4	71.3	70.3	605.2	0	------	Cu.	9	------	Cu.-N. SW
25	E	SE	ESE	E	SW	SE	141	167.1	77.7	93.1	478.9	0	------	------	4	Ci.	Cu.-N. ESE
26	E	E	NE	SW	Calm	SE	172.7	99.8	72.1	72.9	417.5	0	------	Cu.-N.	4	------	Cu.
27	SE	SE	SE	W	WSW	ESE	114.5	73.7	101.7	69.8	359.7	0	------	Cu.	9	Ci.	Cu. S
28	SE	ESE	ESE	W	WSW	SE	83.9	99.5	119.7	66.2	369.3	2	Ci.	Cu.	7	------	Cu.-N. ESE
29	ESE	E	ESE	SW	W	SE	131	107.2	129.2	38.1	405.5	0	------	Cu.	5	------	Cu. ESE
30	SE	NW	WSW	W	NW	NW	33.3	76.1	119.3	43.7	272.4	3	Ci.-Cu.	Cu.	10	------	Cu.-N.
Mean	------	------	------	------	------	------	76.2	91.5	109.5	60.3	337.4	3.3	------	------	8.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,122.3	------	------	------	------	------	------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.90	35.40	36.19	34.96	35.26	36.20	17.2	16.2	19.8	20.9	17.1	17.3	24.2	16	91	96	87	84	96	92	10.7
2	35.25	35.53	36.46	35.73	35.54	37.15	16.5	16	21.6	20.3	18.3	17.5	24.5	15.4	94	90	74	92	96	97	10.4
3	36.25	36.35	37.59	36.58	36.23	37.65	16.5	16	20	22	18.4	17.5	24.3	15.5	94	87	85	78	90	94	------
4	36.25	36.09	37.16	35.89	35.59	36.70	16.5	17.2	20.9	20	18.5	18.1	23.7	15.5	95	87	79	93	93	94	.8
5	35.45	35.51	36.38	34.94	34.95	36.20	16.7	17	20.4	19.6	18.7	17.8	23.7	16.4	100	97	86	89	90	91	1.6
6	34.40	34.75	36.26	34.94	34.96	35.45	16.5	17.5	22.1	21.9	17.5	17.5	22.9	16	93	77	59	67	73	75	------
7	34.05	34.15	35.16	34.29	34.12	35.05	17.7	17.4	20	20.1	17	16.9	22.6	15.6	77	84	72	77	85	87	3.8
8	33.45	33.45	34.47	33.99	33.44	34.15	16.7	16.8	19.3	17.4	16.8	16.7	20	16	90	90	74	93	95	94	17
9	32.65	31.97	33.33	32.21	32.64	34.40	16.7	16.5	16.6	16.6	16.4	16.6	18.3	15.9	94	92	94	98	99	97	86.9
10	33.95	34.24	35.56	34.89	35.19	36.10	16.5	16.4	17.5	19.1	17.4	16.8	20.6	16	98	99	99	88	95	96	3.6
11	35.05	35.65	37.04	35.53	36.14	37.45	17.1	16.3	19.8	20.1	18.3	17.4	23.4	16	92	99	92	96	99	100	50.3
12	36.70	36.78	37.53	36.84	37.01	38	16.5	16.8	21.4	22.9	18.4	16.9	23.8	15.7	96	86	74	74	97	99	------
13	36.65	36.99	37.97	36.61	36.46	37.20	16.5	16.6	21.4	23.1	19.1	17.5	24.2	15.7	94	85	73	67	86	86	------
14	35.55	36.24	37.31	35.98	35.78	36.65	17.5	16.4	22.1	21.9	18.9	17.8	24.8	15.8	81	87	73	79	93	88	------
15	35.25	36.01	37.58	36.35	36.28	37.45	17.6	17.5	21.9	22.5	19	18	24.6	16.3	80	73	71	68	85	77	------
16	36.55	36.83	37.76	37.07	37.21	38.40	16.5	17.1	22.1	22.6	17.5	16.8	24.7	15.9	85	77	64	72	91	95	2.6
17	37.40	37.63	38.22	37	37.50	38.50	17.3	17.5	21.5	22	17.5	17.4	26	16.3	87	77	74	84	84	85	3.9
18	37.40	37.35	38.30	36.98	37.21	38.45	17	16.9	22.6	23.5	18.1	16.6	24.1	16.2	89	89	73	76	87	97	23.8
19	37.45	37.34	38.15	37.07	37.09	38	16.8	16.8	23.4	21.7	18.5	17.7	24.1	15.9	93	91	68	87	89	91	1
20	37	37.06	38.29	36.93	37.35	38.05	17.2	17.5	22	22.8	17.1	17.7	24	16.5	90	82	82	83	84	71	13.7
21	37.15	36.54	37.63	36.88	36.91	37.35	16.9	18.5	21.5	20.5	16.8	18.3	23.2	15.9	83	67	81	89	92	81	25.9
22	36.45	36.74	37.29	36.39	36.44	37	17	16.7	21.8	22.5	19.4	17.8	24.4	16.1	89	91	80	83	93	90	------
23	36.25	36.07	36.87	35.77	35.74	36.20	17.4	17.2	22.5	19.6	18	17.3	24.5	16.1	85	77	74	97	93	93	6.8
24	35.45	35.63	36.45	35.27	35.84	36.55	17.4	17.9	20.5	22.5	16.8	17.3	23.3	16.1	94	90	87	82	95	91	7.9
25	35.80	36.23	37.45	36.40	36.58	37.95	16.1	16.5	22.5	21.5	18.4	17.7	24.5	16.2	100	98	72	91	95	98	2.6
26	37.05	37.11	37.98	36.63	37.09	38.55	17.3	17.2	23.3	21.5	16.3	15.9	23.5	15.5	99	93	80	90	96	99	49.2
27	37.20	37.30	37.99	36.56	36.91	37.05	16.5	17.5	21.3	19.8	16.4	15.4	22.5	15	90	75	77	88	95	92	26.1
28	36.25	36.14	36.87	35.48	35.91	37.10	16.5	17.4	22	20.4	18.5	17.4	24	15.6	79	68	66	88	92	96	5.8
29	35.75	35.65	36.71	36.09	36.38	37.45	16.2	16.3	23.4	23.9	19	17.9	24.9	15.6	100	95	59	79	91	92	------
30	36.70	37.04	37.58	36.51	36.75	38.30	17.2	16.8	22.4	22.7	19	17	25.8	15.8	95	95	63	79	94	93	------
31	37	37.50	37.97	36.74	36.57	37.70	17.6	17.4	24.2	23.3	19.4	18.2	26	15.8	79	76	48	82	91	93	------
Mean	35.89	36.04	37.02	35.92	36.03	37.05	16.9	17	21.3	21.3	18	17.3	23.7	15.9	90.5	86.1	75.5	83.6	91.4	91.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	354.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	W	SW	WSW	SE	13.2	68.1	118.5	53.9	253.7	6	A.-Cu. SE	S.-Cu.	10	------	------
2	E	E	W	W	WSW	SE	100.1	62.8	76.6	41.6	281.1	3	------	Cu.-N. NNW	10	------	Cu.-N.
3	SE	E	W	WSW	SW	ENE	88.8	79.4	115.6	85	368.8	1	Ci.	Cu.-N.	10	------	Cu.-N.
4	ENE	NE	WSW	W	Calm	Calm	86.7	78.7	87.1	37.3	289.8	1	Ci.	Cu.	10	------	------
5	SE	NE	W	W	NW	SE	72.9	69.8	91.1	71.6	305.4	3	Ci.	S.-Cu.	10	------	Cu.-N.
6	ESE	ESE	ESE	E	ENE	ESE	134.7	85.6	140.6	221.8	582.7	8	Ci.-S. SW	S.-Cu.	10	------	Cu.-N. ENE
7	E	E	ESE	SE	SE	SE	237.1	198.5	133.1	221.5	790.2	10	------	Fr.-N. E	10	A.-Cu.	Fr.-N. SE
8	E	E	SE	SE	SE	SE	195.3	213.8	155.3	175.6	740	10	A.-Cu.	Fr.-N. SE	10	------	Fr.-N. SE
9	SE	SW	SSW	SW	SW	SW	201.1	235.2	383.3	364.2	1,183.8	10	------	Fr.-N. SSW	10	------	N.
10	W	W	W	WSW	NW	W	294.5	195.7	134.9	71.9	697	10	------	------	10	------	------
11	WSW	Calm	W	W	SW	Calm	46.4	57.1	58.5	60.9	222.9	7	Ci.	Cu.-N.	10	------	N.
12	S	ESE	S	W	WSW	Calm	51.2	48.6	138.4	46.4	284.6	5	Ci.	S.-Cu.	6	------	Cu.-N. WSW
13	Calm	SW	W	W	W	NE	48.8	105.6	132.6	30.1	317.1	1	Ci.	Cu.-N.	6	Ci.	Cu. SW
14	Calm	W	W	W	WSW	Calm	46.9	100	129.7	31.2	307.8	2	Ci.	Cu.	9	------	Cu.-N.
15	SE	Calm	W	W	W	W	41.2	92.7	137.4	66.5	337.8	1	Ci.	Cu.-N.	7	Ci.	Cu. WSW
16	W	W	W	W	NW	NE	74.5	96.3	164	85.6	420.4	2	Ci.	Cu.	9	------	Cu.-N. WNW
17	NNE	NE	W	W	SE	Calm	75.8	77	111.6	33.5	297.9	2	Ci.	Cu.-N.	9	------	Cu.-N. SSW
18	W	ESE	Calm	W	NE	NE	48.6	48.9	102.7	53.9	254.1	5	A.-Cu.	S.-Cu.	10	------	Cu.-N. S
19	ESE	SE	SSW	W	SE	SE	80.7	114.3	108.9	70.6	374.5	5	Ci.	Cu.-N.	10	------	Cu.-N.
20	E	E	W	W	E	SE	71.1	73	97.2	77.4	318.7	3	Ci.	Cu.	10	Ci.	Cu.-N. SE
21	Calm	ESE	W	W	ENE	SE	53.7	68.6	130.9	76.2	329.4	1	Ci.	Cu.-N.	10	------	Cu.-N.
22	SE	Calm	W	SW	Calm	E	27.6	50.7	109.7	104.6	292.6	3	Ci. N	Cu.-N.	8	------	Cu. S
23	SE	E	SW	W	E	SE	114.8	67.8	78.3	62.8	323.7	5	Ci.	Cu.	10	------	Cu.-N.
24	SE	E	SW	W	NE	SE	63.4	48.6	93	55.2	260.2	8	Ci. NW	Cu.	10	------	Cu.-N. WSW
25	ESE	SE	SE	WSW	NE	NE	70.5	64.9	83.9	53.4	272.7	6	A.-Cu.	Cu.-N. SE	10	------	Cu.-N.
26	E	ENE	W	W	ENE	SE	82.3	48.8	90.1	73.8	295	6	Ci. N	Cu.-N.	10	------	Cu.-N.
27	ESE	W	SW	WSW	NE	NE	74	64.7	102.4	83.1	324.2	8	Ci.	S.-Cu.	10	------	Cu.-N. SE
28	ESE	SE	SE	W	SE	Calm	89	85.5	65.8	48.9	289.2	8	Ci. NE	Cu.-N.	10	A.-Cu.	Cu.-N. SW
29	ESE	SE	ESE	W	NW	ESE	98	117.5	115.7	52.1	383.3	4	Ci.	Cu. SE	9	------	Cu.-N.
30	SE	SE	SE	SW	Calm	NE	44.6	78.1	86.9	41.2	250.8	3	Ci.	Cu.-N.	9	------	Cu.-N.
31	E	ESE	SE	SW	WSW	Calm	103.8	57.4	81.8	14.3	257.3	9	Ci. NNW	Cu.-N.	10	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	91.3	92.1	117.9	82.8	384.1	5	------	------	9.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,906.7	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, −1.65 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.65	36.94	37.82	36.33	36.30	37.40	17.4	17.5	23.3	23.4	19.4	17.9	26.3	16.3	92	86	57	79	95	99	------
2	36.65	36.60	37.10	36.46	36.59	37.35	17.2	17.5	24.5	22.3	19.1	18.6	25.2	16.5	100	90	47	83	88	87	0.8
3	36.45	36.41	37.06	35.65	35.62	36.25	17.7	17.6	24.4	24.6	18.7	18.6	25.2	16.6	96	94	47	75	86	80	.5
4	35.25	35.39	36.51	35.27	35.73	36.35	18.7	18.1	21.5	21.5	18.3	17.5	24.8	17.4	88	90	81	88	94	96	1
5	35.15	35.13	35.82	34.23	34.70	35.85	17.6	18	22.5	25	18.7	18.3	26	17.2	90	84	68	73	91	93	10.9
6	34.55	34.94	36.23	35.01	35.28	36.30	17.6	16.7	21	19.8	16.1	17.2	23.2	16	96	93	81	90	93	78	80.2
7	35.25	35.75	36.45	35.07	35.36	36.30	17.3	16.5	20.6	22.3	17.4	17.4	24.1	16.1	82	91	77	68	93	88	2.8
8	35.65	35.66	36.48	35.52	35.78	36.90	17.3	17	21.8	20	17.1	17.3	24.7	16	87	80	65	89	92	91	5.4
9	36.10	36.39	36.79	35.52	36.09	37.15	16.7	16.9	20.5	23.1	17.9	17.5	23.9	16.2	96	93	73	76	94	93	9.9
10	36.50	36.34	36.76	36.02	36.50	37.75	17.3	16.9	22.4	20	17.8	17.2	24.6	16.6	93	95	73	88	94	95	1.5
11	36.25	36.20	37.04	35.80	36.38	37.15	16.6	16.2	21.4	22.6	19.8	17.7	24.9	16.1	98	97	70	61	92	100	.5
12	35.70	36.28	36.25	35.69	35.81	37.10	17.3	16.5	21	22.9	19	17.4	24.2	16.2	98	97	67	62	83	88	4.8
13	36.10	36.18	36.53	35.88	36.42	37.30	16.8	16.5	20.1	22.9	19.5	17.2	24.6	16.1	95	97	75	63	97	100	4.1
14	36.20	35.92	36.24	35.89	35.98	37.30	17.2	16.8	21.9	23.1	20	17.6	24.2	16.5	98	95	67	61	72	95	29.2
15	36.55	36.33	36.51	35.49	35.61	37.20	17	16.6	21.6	22.4	19.4	18.1	25.8	16.3	94	98	71	86	86	93	.8
16	36.10	35.82	36.53	35.92	36.06	37.05	17.1	16.8	21.4	23.1	19.3	18.4	24.6	16.3	96	95	75	62	94	96	.5
17	36.15	36.19	36.81	35.89	36	37.75	17.8	17.5	23	22.8	18.9	17.9	24.8	17.1	99	98	69	86	97	97	2.5
18	37.05	36.94	37.56	36.88	36.90	38.55	17.3	17.3	23.5	21.9	15.8	16.8	25.1	15.7	99	92	63	83	99	92	30.2
19	37.75	38.30	39.15	37.73	37.62	38.40	16.9	17.3	20.2	22.2	18	17.6	23.9	15.4	90	86	87	87	75	80	5.3
20	38.10	37.97	38.53	37.30	37.19	38.15	16.8	17.2	20	21.4	17.9	17.1	23.6	15.8	90	91	89	89	96	94	5.6
21	37	37.03	37.65	36.98	36.56	37.55	16.6	17.9	22.8	21.9	18.6	17.2	24.2	16	96	81	74	76	92	98	1.3
22	36.95	36.72	37.32	36.80	36.96	37.95	17.5	17.3	21.6	20.2	19.1	17.4	24.7	15.7	87	83	77	91	94	100	8.4
23	37.05	37.55	37.97	37.31	37.15	38.15	17.3	17.4	20.9	22.5	19.1	17.6	23.4	16.4	96	90	82	78	95	92	------
24	37.25	37.45	37.98	36.65	37.18	38.20	17.2	17.6	21.3	22.8	16	16.2	23.5	15.7	89	81	85	78	95	92	35.8
25	37.35	37.57	38.27	37.37	37.45	37.90	17.2	16.7	22.5	20.6	17.8	17	25.4	15.6	83	88	60	83	97	97	34.3
26	37.45	37.38	37.99	36.58	36.49	38	16.8	16.7	22.3	23.7	18.3	17.8	24.6	16	94	91	57	79	97	92	35
27	37.05	36.67	37.08	36.38	36.70	37.80	16.8	16	20.8	19.5	16.8	16.7	22.5	15.3	95	96	78	94	96	94	11.8
28	36.40	37.25	38.09	36.70	36.89	38.25	16.1	16.5	20.6	19.4	16.9	15.9	23.5	15.4	95	92	75	90	97	100	58.5
29	37.30	37.41	38.10	36.99	37.33	38.45	15.3	15.6	19.5	18.9	16.9	15.2	21.4	14.8	100	98	85	90	94	100	24.9
30	37.10	37.04	37.84	36.11	36.60	37.75	15.4	16.8	20.9	23.7	18.5	17.1	24.2	15.1	96	78	72	67	95	89	------
Mean	36.50	36.59	37.22	36.18	36.37	37.45	17.1	17	21.7	22	18.2	17.4	24.4	16.1	93.6	90.7	71.6	79.2	92.1	93	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	406.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ESE	E	ESE	W	WSW	Calm	75.3	104.9	91.5	19	290.7	2	Ci.	Cu.-N.	8	------	Cu.-N. WSW
2	Calm	ESE	SW	W	N	SE	39.9	83.7	103.5	44	271.1	3	Ci.	Cu.	10	------	Cu.-N.
3	SE	E	SE	W	NE	Calm	45.1	65.8	114.5	42	267.4	1	Ci.	Cu.	10	------	Cu.-N.
4	SE	SE	SW	W	NE	ESE	105.9	83.7	104.9	70.2	364.7	5	Ci. N	Cu.	10	------	Cu.-N.
5	ESE	SE	SE	W	W	ESE	102.5	65.7	123.6	40	331.8	7	Ci.-S. SW	Cu.-N.	8	Ci.	Cu.-N. S
6	SE	SE	ESE	NE	SE	ESE	87.1	73.8	113	101.1	375	9	Ci.-S.	S.-Cu. SW	10	------	Cu.-N.
7	SE	SE	SSW	SSW	ESE	SE	127.4	94.4	80.5	115.3	417.6	9	A.-Cu. S	S.-Cu.	9	------	Cu.-N.
8	ESE	ESE	SE	W	ESE	ESE	121.5	110.2	63	95.6	390.3	8	Ci. NE	S.-Cu.	8	------	Cu.-N. SSE
9	SE	ESE	SE	SW	SE	SE	104	104	48.9	54.9	311.8	5	A.-Cu. SW	S.-Cu.	9	Ci.-S.	Cu.-N. S
10	SE	ESE	SE	Calm	SE	NE	92	74	37.8	37.8	241.6	10	A.-Cu.	S.-Cu.	10	------	Cu.-N. SE
11	SE	ESE	ESE	SE	NW	SSW	116.4	122	45.6	38.4	322.4	10	A.-Cu. WNW	S.-Cu.	6	A.-Cu.	Cu. SE
12	SE	E	SE	SE	SE	SE	67.3	158.5	65.8	56	347.6	10	Ci. NNW	Fr.-Cu. SE	6	Ci. NNW	Cu.-N. E
13	S	E	SE	SE	WSW	SE	70.8	155.6	71.8	66	364.2	4	Ci.	Cu.-N.	4	Ci. NNE	Cu. SSE
14	SE	SE	SE	SE	SSE	SE	165.5	195.5	80.7	73.7	515.4	6	Ci. NNE	Fr.-Cu. SE	7	Ci. NNE	Cu.-N. SE
15	SE	ESE	SE	W	Calm	SE	88.3	131.5	74.2	36	330	10	------	------	9	A.-Cu.	Cu.-N. S
16	SE	ESE	ESE	SE	NW	ENE	73.8	96.9	67.6	43.5	281.8	10	Ci.-S.	S.-Cu.	7	Ci.-S. N	Cu.-N. SE
17	SE	SE	E	W	NW	NE	52	49.4	85.3	58.9	245.6	10	------	------	10	------	------
18	SW	E	SE	W	WSW	SE	86.3	95.5	105.7	81.6	369.1	7	Ci. NNW	N.	10	------	------
19	Calm	SE	W	W	Calm	ESE	66.8	52.1	75.3	42.4	236.6	4	Ci.	Cu.-N.	9	------	Cu.-N. SSE
20	Calm	Calm	W	W	NW	NNE	21.2	48	122.3	71.4	262.9	2	Ci.	Cu.-N.	10	------	------
21	NE	NW	W	W	NW	Calm	37.5	48.8	131.4	56.8	274.5	4	Ci. ENE	Cu.	6	Ci.	Cu.-N.
22	WNW	W	W	WSW	WSW	W	40.8	83.1	107.6	34.9	266.4	4	A.-Cu. S	Cu.-N.	10	------	Cu.-N. SSE
23	SE	SE	SW	W	WSW	Calm	50.4	87.2	103	31.7	272.3	6	A.-Cu.	Cu.	8	------	Cu.-N. S
24	Calm	SW	W	W	SE	ESE	26.2	58.7	100.1	97.1	282.1	1	Ci.	Cu.-N.	10	------	Cu.-N.
25	Calm	NNE	ESE	NE	WSW	N	56.3	72.1	50.5	50.9	229.8	8	Ci. ENE	N.	10	------	Cu.-N. SE
26	Calm	ENE	E	W	NE	ESE	45.4	102.5	76.1	61.7	285.7	7	Ci. NNE	Cu.-N.	9	Ci.-S.	Cu.-N. SE
27	NE	NE	W	SW	NE	E	32.2	50.2	82.7	38.6	203.7	3	Ci.	Cu.	10	------	Cu.-N.
28	ENE	SE	E	W	NE	WNW	60.6	72.6	110	93.6	336.8	5	Ci. SE	Cu.-N.	10	------	------
29	Calm	SE	Calm	W	WSW	W	47.5	34.3	110.5	84.7	277	10	Ci.-S.	S.-Cu. SE	10	------	Cu.-N.
30	Calm	S	W	W	WSW	NW	36.5	90.1	85.6	93.8	306	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	71.4	88.8	87.8	61.1	309.1	6.3	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,271.9	------	------	------	------	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.45	36.56	37.29	36.20	36.41	37.65	17.1	17.8	22.5	23.5	17	17.3	24.5	15.8	84	75	63	75	92	84	30.5
2	37.10	36.76	38.01	36.94	37.34	37.55	17.4	17.6	23	19.3	16.8	17.5	25.4	16.1	85	81	58	95	91	82	4.6
3	37.20	37.46	38.23	37.01	37.42	38.21	16.3	17.6	21.9	21.6	17.7	18.2	24.2	15.5	87	68	70	85	89	86	14.2
4	37.47	37.03	37.34	36.39	36.35	37.23	17.5	17.4	22.4	19.6	18.1	17.9	23.3	16.1	91	94	79	97	79	81	1.3
5	36.31	36.49	37.26	36.19	35.92	36.42	17.4	17.9	22.7	20.6	18.9	18.2	23.7	16.7	84	80	74	92	97	99	7.3
6	36.01	36.11	36.49	35.85	35.98	36.84	18	18	22.7	23.1	18.1	17.9	26.4	17	97	89	70	76	97	96	6.6
7	36.10	35.76	35.92	35.75	35.89	37.54	16.7	17.4	23.6	21.4	19.7	17.8	25.4	15.8	100	88	58	91	93	100	3.8
8	36.58	35.82	36.21	35.47	36.09	36.71	17.3	17.1	23.5	22.7	17.4	16.6	24.5	16.1	100	99	62	83	94	100	3.1
9	35.87	35.95	36.21	35.30	35.17	36.22	16.6	16.5	21.4	18.6	17.9	17.3	24.9	15.8	97	98	84	97	99	100	3.6
10	35.23	35.24	35.95	34.69	34.75	35.26	16.7	17.2	20	20.4	18.5	17.3	23.4	16.3	100	91	84	81	92	97	------
11	34.77	34.99	35.51	34.78	35.01	36.52	16.8	16.6	22.5	20	17.9	16.6	23.5	16.1	99	98	72	91	96	98	7.2
12	35.35	35.68	36.37	35.35	36.34	37.01	16.5	16.4	19.6	21.1	16.9	16.5	23.3	15.5	100	96	79	92	99	99	12.7
13	36.07	36.03	36.56	35.64	35.82	35.97	17.1	17.6	21.9	19.9	16.9	16.7	23.5	16.5	93	93	78	95	96	96	53.9
14	34.91	34.80	35.19	34.12	33.68	33.98	16.2	17	21.1	20.6	18.3	17.5	23.1	15.8	96	84	85	94	96	96	1.3
15	33.03	32.35	32.50	31.06	31.18	31.99	18	18.1	20.8	20.4	18.9	18.6	24	16.8	99	85	91	87	94	91	16.5
16	31.11	31.05	31.41	30.41	30.50	31.94	18.1	17.5	20	19.9	18	18.2	24.1	16.7	89	90-	93	97	98	92	10.2
17	31.38	31.90	32.52	32.37	32.24	33.08	17.8	17.1	19.6	18.9	16.9	17.2	20.5	16.5	95	99	96	99	99	95	12.2
18	32.36	32.56	33.42	32.27	32.44	33.91	16.5	16.4	17.8	20.4	17.3	17.3	21.8	16	100	99	99	85	97	96	13.4
19	32.98	32.52	32.88	32.89	32.69	34.13	17.3	16.8	17.8	16.9	16.9	17.8	18.5	16.4	95	98	98	100	100	92	101.6
20	33.55	33.86	34.49	33.88	33.64	34.82	17.1	16.9	18.9	17.7	17.2	17.4	19.7	16.4	97	100	97	96	98	95	8.2
21	33.90	33.74	34.48	33.65	33.94	34.38	17.1	16.2	18	17	16.4	16.2	20	15.7	92	96	98	98	99	100	28.2
22	33.52	33.39	33.64	32.26	32.04	32.63	16.5	16.5	17.4	18	17.3	16.3	19.2	16	99	99	100	99	98	100	20.7
23	32.09	31.74	31.93	30.81	30.85	31.65	16.7	15.9	21.3	18.6	17.3	17.2	22	15.7	97	99	84	98	99	97	48.7
24	30.74	30.63	31.56	31.17	31.09	32.34	16.2	15.9	17.9	18.1	18.4	17.7	19.8	15.4	100	99	99	92	81	88	19.1
25	31.74	32.28	33.40	33.21	33	34.59	17.4	16.9	18.9	16.9	17.1	16.8	20	16.5	93	100	89	99	92	96	20.4
26	33.89	34.77	35.17	34.79	34.96	36.16	17.2	17.4	18.1	19.5	18	16.8	20.4	16.5	93	94	88	88	98	100	7.6
27	34.88	34.90	35.46	34.18	33.97	34.19	16.4	16.9	20.6	19.5	17.4	17.2	21.9	16.1	100	99	86	89	97	98	23.1
28	33.21	32.53	32.87	31.17	30.07	29.84	17.2	17.1	17.1	17.1	16.9	16.6	17.7	15.8	97	99	98	99	99	100	204.7
29	27.28	25.90	24.54	23.55	25.05	27.82	16.7	16.5	16.2	17.3	------	------	------	------	99	100	99	99	------	------	807.3
30	27.80	29.36	30.93	30.87	31.53	32.83	------	------	16.6	17.4	17	17.1	17.6?	15.8?	------	------	99	98	99	98	94.9
31	32.42	33.12	34.70	33.95	33.91	34.83	17.1	17.4	17.1	18.7	16.9	16.9	21	16.3	99	99	99	93	98	98	33.4
Mean	33.91	33.91	34.47	33.62	33.72	34.65	17	17.1	20.1	19.8	17.6	17.3	22.2	16.1	95.2	93	84.8	92.3	95.2	95	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,620.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	N	W	WSW	NE	E	46.7	63.9	115.6	80.3	306.5	2	Ci. NE	Cu.-N.	9	------	Cu.-N. SE
2	SE	ENE	ENE	W	NE	E	63.4	55.3	95.2	50.5	264.4	8	Ci. E	Cu.-N.	10	------	------
3	N	SE	W	WSW	ENE	SE	77.7	57.3	86.9	69.4	291.3	4	Ci. ENE	Cu.-N.	10	------	Cu.-N.
4	Calm	NE	SW	SW	N	E	54.9	67.1	106.4	50.9	279.3	1	Ci.	Cu.-N.	10	------	Cu.-N.
5	Calm	SE	W	WSW	Calm	Calm	60.6	41	69.4	19.9	190.9	5	Ci.	Cu.	10	------	------
6	E	SE	E	Calm	SW	SE	52	92.7	56	42.8	243.5	9	------	S.-Cu. NE	10	Ci.-S.	Cu.-N.
7	N	E	SE	WSW	N	Calm	68.7	140.5	94.4	29.3	332.9	2	Ci.	Cu.	9	------	Cu.-N. WSW
8	NE	ESE	ESE	WSW	W	W	59.8	82.1	121	92.5	355.4	2	Ci.	Cu.-N.	10	------	------
9	SE	Calm	WSW	WSW	WNW	Calm	47	76.1	87.4	43.7	254.2	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
10	Calm	SE	S	SW	NNE	Calm	44.8	70.3	52.5	23.6	191.2	2	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. S
11	Calm	E	E	WSW	ESE	Calm	27.7	59.2	63.4	47.7	198	10	------	------	10	------	N.
12	SE	ESE	SE	SW	NE	Calm	78.6	52	93.1	37.6	261.3	2	Ci.	Cu.-N.	10	------	------
13	SE	E	Calm	SW	ESE	Calm	97.2	77.5	------	------	------	10	Ci.-S.	S.-Cu.	10	------	Cu.-N.
14	E	Calm	SW	WSW	N	NE?	------	------	------	------	------	1	Ci.	Cu.	10	------	------
15	W?	NE	Calm	Calm	Calm	NE	------	------	59.3	30.9	------	8	Ci. WSW	Cu.-N.	10	------	N. W
16	N	NE	WSW	SW	W	W	51	80.2	64.4	66.5	262.1	5	Ci.-S.	S.-Cu.	10	------	------
17	Calm	WSW	SW	WSW	WSW	W	25.2	124.5	123.4	116.7	389.8	10	------	N.	10	------	N.
18	W	WSW	WSW	WSW	WSW	W	106.7	147.6	113.2	108	475.5	10	------	Cu.-N.	10	Ci.-S.	Cu.-N. WSW
19	W	WSW	WSW	WSW	SW	W	169.1	251.2	263.6	174.6	858.5	10	------	------	10	------	N.
20	SW	WSW	Calm	SE	WSW	SW	83.7	55.3	113.2	122.1	374.3	10	------	N.	10	------	N.
21	SW	W	WSW	WSW	WSW	W	61.4	104.6	178.6	96.4	441	9	A.-Cu.	S.-Cu.	10	------	N.
22	W	WSW	WSW	WSW	WSW	Calm	113	137.4	137.8	53.7	441.9	10	------	------	10	------	------
23	W	E	SW	W	WSW	W	58.1	60	89.5	49.6	257.2	10	------	------	10	------	N.
24	Calm	E	W	WSW	SW	SE	54.4	93.1	78.4	71.8	297.7	6	Ci. SbyE	Cu.-N.	10	------	N. WSW
25	SE	SSE	SSE	WSW	S	E	113.8	92	185.8	85	476.6	10	------	N.	10	------	N.
26	S	WSW	WSW	SW	SW	W	81.3	143.2	109.9	76.6	411	10	------	Fr.-N. SW	10	------	Fr.-N. WSW
27	E	SW	WSW	WSW	WSW	W	71.6	121.5	145.1	105.4	443.6	10	------	------	10	------	Cu.-N.
28	SW	WNW	NNW	NW	WNW	W	142.7	115.4	144.5	211.1	613.7	10	------	N.	10	------	N.
29	W	W	WNW	WSW	WSW	W	452.2	------	------	------	------	10	------	N.	10	------	N.
30	SW	WSW	SW	WSW	WSW	SW	------	------	------	------	------	10	------	N.	10	------	Cu.-N.
31	SW	SW	WSW	Calm	WSW	NE	------	------	------	------	------	10	------	N.	9	A.-Cu.	Cu.-N. WSW
Mean	------	------	------	------	------	------	87.5	94.7	109.5	75.3	356.5	7.3	------	------	9.9	------	------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	33.94	34.32	34.67	33.74	34.20	35.14	17	17	20	18.9	17.4	17.2	21	16.3	98	99	91	96	98	95	9.3
2	34.64	34.34	35.24	34.38	34.50	35.60	16.2	16.4	19.4	20	16.6	15.7	22.1	15	97	87	73	82	93	97	5.1
3	34.90	34.98	35.65	34.86	34.77	35.20	15.7	15.5	16.7	18.4	15.9	15.4	19.5	14.7	98	100	98	87	90	97	12
4	34.30	34.30	35.15	34.15	33.75	34.31	15.7	15.9	16.9	17.5	16.7	16	18.4	14.5	98	99	99	99	100	100	58.2
5	33.84	33.92	34.21	33.66	33.55	34.17	16.1	16.3	17.8	18.4	16.7	16.5	19.1	15.4	100	99	99	98	100	100	44.6
6	33.21	33.47	34.34	33.17	33.41	34.26	16.3	16.5	18.9	18.9	17.4	16.9	21.4	15.4	100	95	93	96	99	100	69.4
7	33.40	33.84	34.77	34.05	33.92	34.76	16.4	16.3	17.9	18.9	17.4	16.9	20	15.7	100	100	91	91	98	94	28
8	34.29	34.68	35.31	34.76	34.77	35.96	15.7	15.4	18.9	17.5	17	17.1	19.8	14.5	98	92	89	99	100	97	29
9	34.94	35.02	35.94	35.70	35.21	35.89	17	16.4	19	17.4	16.9	17.1	19.6	15.6	96	97	83	95	95	94	44.2
10	35.07	34.99	35.74	34.87	34.62	35.85	16.7	16.9	16.9	17	16.8	16.7	17.7	15.3	99	100	99	98	99	100	93.9
11	34.76	34.17	34.97	33.97	34.04	34.83	17.3	16.8	18.3	18.4	16.1	15.8	21.9	15.4	95	100	96	96	99	100	58.4
12	33.41	34	34.99	34.09	34.17	35.49	16	15.8	19.7	18.2	15.5	15.5	22.1	14.9	96	95	88	99	99	95	25.4
13	34.33	34.62	35.46	34.56	34.43	35.50	15.6	15.1	21.3	19.7	17	16.9	22.7	14.5	87	88	78	91	99	97	18.9
14	34.86	34.42	35.26	34.40	33.82	34.36	16.4	16.4	17.9	18.4	17.4	16.6	19.7	15.6	98	96	99	99	99	100	11.8
15	33.80	33.24	33.41	31.87	30.70	30.74	16.2	16.3	21.1	20	17.5	16.2	22.4	15	99	95	66	84	100	99	165.6
16	28.23	26.98	28.04	29.80	31.66	33.98	15.1	14.3	15.4	15.8	15.3	16.2	17.4	12.8	93	98	99	98	81	81	166.6
17	34.10	34.82	36.49	36.60	36.95	37.49	16.2	16.5	19.1	20	18.1	17.6	21.7	16	88	89	78	81	95	95	------
18	37.05	37.21	38.10	36.92	36.74	37.46	17.2	17.5	21	20.1	19	17.2	23.2	16.7	95	89	80	94	96	100	------
19	36.16	35.74	35.73	34.63	34.71	35.58	16.5	16.5	22.4	20.5	16.9	17.4	23.2	15.5	100	96	77	93	95	92	25.6
20	34.48	34.10	34.79	33.79	34.12	34.73	17.1	17	24	17.4	16.5	17.2	24.2	16	95	96	74	94	98	88	37.1
21	34.05	34.17	35.01	34.44	34.61	35.35	17	16.1	22.7	20.5	17.2	17.7	24.1	16	89	97	75	91	97	90	6.1
22	34.59	34.23	34.98	33.94	34.35	35.03	16.6	15.5	20.7	22.6	18.4	17.4	22.8	15.2	94	98	89	86	95	96	1.5
23	34.31	34.26	34.92	34.01	34.26	35.33	16.1	15.9	20.8	18.1	16.9	16.2	23.4	15.4	99	98	87	98	96	99	36.4
24	34.89	34.65	35.54	34.52	34.99	36.29	16.1	16.4	21	20.4	17.8	16.7	23.6	15	95	90	86	89	96	100	18.1
25	35.45	35.60	36.49	35.51	36.04	36.87	16.2	15.6	20.5	18.9	16.6	16.9	22.2	15.5	99	99	80	94	99	95	26.7
26	35.73	35.39	35.79	33.94	33.42	33.81	15.9	15.9	19.6	19.9	17.5	17	22.2	15.5	99	97	85	93	97	98	22.6
27	32.69	32.38	33.20	31.96	31.61	32.57	16.4	16.1	22	21.4	19	17.7	22.5	15.9	100	98	84	95	98	100	13.3
28	31.73	31.74	32.87	31.78	32.34	33.58	17	16.9	21.7	22.3	19.2	17.2	23.5	16.3	100	93	74	72	91	100	.5
29	33.12	34.08	35.55	34.57	34.62	35.80	16.5	16.3	18.6	21.6	18.2	16.6	23	15.7	100	99	91	74	91	100	------
30	34.98	35.67	36.29	35.44	35.44	36.87	15.9	16.1	21.3	22.1	18.6	17.1	24	15.3	100	99	73	88	99	100	.5
31	36.21	35.93	36.69	35	34.80	36.16	16.6	16.7	20	19.7	16.2	16.5	22.1	15.5	100	97	91	93	90	89	11.3
Mean	34.24	34.23	35.02	34.16	34.21	35.13	16.3	16.2	19.7	19.3	17.2	16.7	21.6	15.4	96.9	96	86	91.7	96.2	96.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,040.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	WSW	WSW	SW	E	SE	35.7	47	99.2	93.6	275.5	9	------	N.	10	------	N. SW
2	E	SW	SW	WSW	WSW	SE	88.8?	74	164.1	49.1	376	10	A.-Cu.	S.-Cu. S	10	------	Cu.-N. S
3	SW	SW	SW	WSW	SSW	Calm	125.2	133.1	133.3	37.5	429.1	10	------	Cu.-N. SW	10	A.-Cu.	Cu.-N. sw
4	W	SW	NW	WSW	WSW	W	100.8	159.9	218.2	93.1	572	10	------	N.	10	------	N.
5	W	Calm	WSW	WSW	NNW	N	99	175.2	182.4	77.4	534	10	------	N.	10	------	N.
6	W	NE	WSW	WSW	WSW	W	50.7	81.9	106.4	107.6	346.6	8	A.-Cu. NW	S.-Cu.	10	------	N.
7	W	Calm	SW	WSW	WSW	SW	51.7	97.9	186.9	146.2	482.7	10	------	Cu.-N.	10	------	Cu.-N.
8	W	WSW	WSW	SW	WSW	SW	232	154.5	226.9	144.8	758.2	10	A.-Cu. NE	Cu.-N. NW	10	------	N.
9	W	WSW	WSW	WSW	WSW	W	197.6	172.5	194.5	175.2	739.8	10	------	Cu.-N.	10	------	Cu.-N. W
10	SW	WSW	WSW	WSW	WSW	W	223.5	217.4	190.7	123.4	755	10	------	N.	10	------	N.
11	W	WSW	WSW	WSW	WSW	NW	135.2	133.3	178.8	105.1	552.4	10	------	N.	10	------	Cu.-N.
12	N	WSW	WSW	SW	WSW	W	82.1	96.8	175.6	82.1	436.6	7	Ci.	Cu.-N.	10	------	------
13	W	WSW	WSW	WSW	WSW	W	70	92.2	112.7	72.2	347.1	2	Ci.	Cu.	10	------	Cu.-N.
14	NW	NE	WSW	WSW	WSW	NW	72.7	77	122.6	114	386.3	8	A.-Cu. NNE	Cu.-N. SE	10	------	N.
15	NE	NNW	NNW	WSW	NNW	NW	83.1	123.9	157.1	266	630.1	9	A.-Cu. NE	Cu.-N.	10	Ci.-S.	Cu.-N. N
16	W	WSW	WSW	WSW	SW	SW	500.9	524.5	------	191.8	------	10	------	N.	10	------	N.
17	E	SSW	E	ESE	SE	E	212.1	181.6	122.3	134.9	650.9	9	Ci.-S.	Cu.-N. SSW	10	------	Cu.-N. SEbyE
18	SE	SE	W	SW	Calm	Calm	79.2	70.5	76.6	41.6	267.9	8	Ci. NNW	Cu. SW	10	------	------
19	Calm	Calm	WSW	WSW	SW	SE	16.7	52.3	76.6	90.9	236.5	0	Ci.	Cu.	10	------	N.
20	NE	ENE	ESE	SW	NE	E	53.6	48.9	84.8	96.6	283.9	5	Ci.	Cu.-N.	10	------	N.
21	E	ESE	Calm	WSW	Calm	W	95.2	68.2	80.7	37.3	281.4	0	Ci.	Cu.	10	------	N.
22	E	ENE	W	SW	WSW	Calm	58.9	53.4	88.5	21.1	221.9	9	A.-Cu. NW	Cu.-N.	10	------	Cu.-N.
23	Calm	Calm	SW	WSW	WSW	Calm	18.7	68.1	88.3	28.2	203.3	0	Ci.	Cu.	10	------	N.
24	Calm	Calm	W	SW	NE	E	31.1	45.7	68.6	66	211.4	0	------	Cu.	9	Ci.-Cu.	Cu.-N. WbyN
25	E	ESE	SSE	WSW	WSW	S	51.8	69	71	60	251.8	0	Ci.	Cu.	10	------	N.
26	W	E	SW	SW	SW	E	50.2	62	75.8	86.6	274.6	0	Ci.	Cu.	10	------	N.
27	SE	E	Calm	W	S	SE	117.3	61.8	63.8	82.3	325.2	0	Ci.	Cu.-N.	10	------	Cu.-N.
28	E	ENE	ENE	ENE	ESE	SE	154.3	146.2	88.5	97.6	486.6	1	A.-Cu.	Cu.-N. ESE	6	Ci.-S.	Cu.-N. S
29	SE	ESE	E	E	SE	SE	------	91.7	84.2	123.7	------	10	------	------	4	A.-Cu.	Cu.-N. S
30	SE	ENE	E	WSW	WSW	Calm	81.3	48.5	97.1	48.9	275.8	5	A.-Cu.	Cu. ESE	10	------	Cu.-N.
31	NE	NE	W	W	ENE	E	21.2	55.8	110.7	48.1	235.8	10	------	Cu.-N.	10	------	------
Mean	------	------	------	------	------	------	106.4	112.4	124.2	94.9	407.9	6.5	------	------	9.6	------	------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	34.82	34.38	35.15	33.44	33.55	33.76	15.7	15.9	21.5	20.9	16.9	17.2	23.3	15	92	90	81	90	99	86	30.4
2	32.72	32.45	33.19	31.50	31	31.91	17.3	17.1	20.8	21.7	17.7	17.4	23.1	15.7	83	82	83	82	96	96	17.8
3	30.29	29.28	29.08	27.21	26.57	26.75	16.6	16.4	17.6	19	18.5	18.9	19.3	16	100	100	99	100	99	93	628.8
4	25.54	27.40	28.43	27.99	28.61	30.25	16.8	16.3	15.4	15.8	16.3	16.1	17.6	14	98	100	100	100	100	93	276
5	30.41	31.48	32.88	33.02	33.92	35.39	15.8	15.6	16.7	17.2	16.9	17	17.6	14.3	100	99	96	98	99	96	41.2
6	34.85	35.12	36.27	35.52	35.70	37.01	16.7	15.9	17.4	17.9	16.4	16.5	19.2	15.4	96	98	99	97	100	100	17
7	35.82	36.03	36.99	36.03	36.09	36.51	15.8	15.8	17.6	18.3	17.2	17.3	19.4	14.9	100	100	98	97	99	98	38.2
8	35.53	35.65	36.29	34.74	35.02	35.26	17	16.9	17.5	17.5	17	17.3	17.8	16.3	99	99	99	99	100	97	130.9
9	34.38	34.32	34.59	33.29	33.18	33.70	17.3	17.1	17.7	17.4	17.9	17.7	18.2	16.6	96	99	100	99	98	100	289.8
10	32.36	31.89	32.40	31.41	31.34	31.43	17.3	17.5	17.5	17.2	15.5	16.1	17.8	14.5	100	98	100	99	100	95	144
11	30.63	30.72	32.19	31.65	32.53	34.61	15.9	16.1	17.4	16.9	16.4	16.2	17.8	14.5	99	98	96	99	99	97	49.5
12	33.87	34.12	36.09	35.53	36.27	37.68	15.9	16.9	19.4	19.9	17.4	17.1	21.9	14.4	97	93	86	85	94	94	9.9
13	36.80	37.43	38.04	37.02	37.22	38.72	16.1	15.5	20.9	21.4	17.9	16.9	23.5	15.5	98	100	85	87	95	96	------
14	37.32	37.34	37.97	36.90	36.56	37.05	17.1	16.5	21	20.5	17.6	16.9	23	15.5	88	90	84	83	94	98	5.8
15	36.30	36.18	36.01	34.40	33.99	34	16.5	16.4	16.5	16.6	17	16.8	17.8	15.8	99	100	100	100	100	100	190.2
16	32.70	32.34	33.83	33.09	33.47	34.55	16.4	16.3	16.1	16.4	16.4	17.1	17.1	14.7	100	100	99	99	99	91	142.5
17	35.02	35.36	36.15	35.82	35.88	37.18	15.9	15.7	17.7	18.3	16.9	17	18.5	15	99	98	90	95	99	92	3.3
18	36.47	36.32	37.09	36.33	37.08	37.80	16.7	16.4	20.9	20.6	18	17.1	24	15.5	91	87	77	88	96	100	------
19	36.83	37.30	38.05	37.11	37.55	38.27	17.7	17.3	21.6	20.4	17.5	16.8	25.5	17	91	87	68	91	98	98	24.8
20	37.30	37.16	37.68	36.25	36.59	37.17	16.7	17.2	20.6	21.6	18	16.8	22.8	15.9	96	88	84	88	99	100	4.1
21	36.06	35.98	36.38	35.34	35.76	36.64	15.4	16	20.3	20.5	18.4	17.1	23.2	15.5	100	98	80	85	90	99	.5
22	35.72	35.94	37.26	36.11	36.37	37.69	16.4	17.1	19.5	19.8	18.2	16.6	23.7	15.7	100	88	88	96	91	100	3.6
23	37.11	37.39	38.35	37.03	37.65	38.22	16.5	17	20.9	19.4	16.9	17.1	22.4	15.1	97	88	86	95	95	91	8.9
24	36.94	37.27	38.37	36.96	37.10	37.60	16	16	19.4	20.8	17.9	16.9	22.5	15.5	96	92	89	91	100	100	13.7
25	36.93	37.25	38.14	36.71	37.09	37.83	16.5	16.4	23.2	21.9	17.6	17.8	24.2	16.1	99	92	65	86	94	82	------
26	37.09	36.96	37.88	36.49	37.23	38.13	16.1	16.9	21	21.7	16.9	16.7	24.3	15.7	92	80	78	83	96	86	3.1
27	36.73	37.33	38.86	37.48	38.17	38.40	18	17.4	22.5	20.2	15.9	17.5	23.4	15.6	62	62	72	89	86	71	6.1
28	37.03	36.95	38.23	36.82	36.95	38.25	17.1	17	21.5	19.8	17.7	17.6	23.8	16.1	73	73	60	91	94	96	11.2
29	37.15	37.05	37.94	36.48	36.51	37.50	16.2	15.7	21.4	21.9	17.5	17.3	24.5	15	89	91	75	87	94	90	16.5
30	36.48	36.37	37.37	36.08	36.29	36.97	17	16.4	22	21.1	17.9	17.9	24	16	90	91	76	88	94	87	.3
Mean	34.91	35.03	35.90	34.79	35.04	35.87	16.5	16.5	19.4	19.4	17.3	17.1	21.4	15.4	94	92	86.4	92.2	96.6	94.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	2,108.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	E	WSW	W	N	SE	47.5	66.2	100.9	76.2	290.8	1	Ci.	Cu.	10	------	Cu.-N.
2	NE	Calm	W	WSW	NW	N	41	60.7	151.6	77.4	330.7	9	Ci.-S.	Cu.-N.	10	------	Cu.-N. W
3	NW	WNW	W	SW	WSW	W	108.6	137.1	------	348.6	------	10	------	Cu.-N.	10	------	N.
4	SW	WSW	WSW	WSW	W	W	572.6	551	573.1	503.8	2,200.5	10	------	N.	10	------	N.
5	SW	W	SW	W	WSW	SW	435.9	383.4	366.8	306.3	1,492.4	10	------	Cu.-N.	10	------	Cu.-N.
6	SW	SW	W	WSW	WSW	W	181.5	185.2	191.3	86.1	644.1	10	------	Cu.-N. SW	10	------	Cu.-N.
7	Calm	Calm	SW	W	W	W	23	66	138.7	143.4	371.1	1	Ci.	S.-Cu.	10	------	Cu.-N.
8	W	WSW	WSW	WSW	SW	W	186.4	248	238.2	259.1	931.7	10	------	N.	10	------	N.
9	W	WSW	WSW	WSW	WSW	W	291.3	278.4	296.9	309.8	1,176.4	10	------	N.	10	------	N.
10	W	WSW	WSW	WSW	SW	SW	------	------	------	------	------	10	------	N.	10	------	N.
11	SW	ESE	SW	WSW	WSW	SW	------	------	------	------	------	10	------	Cu.-N. WSW	10	------	N.
12	W	ENE	SE	SW	Calm	E	------	------	------	------	------	10	------	Fr.-N. S	10	A.-Cu.	Cu.-N. S
13	E	Calm	SW	WSW	W	N	------	------	109.9	61.2	------	0	Ci.	Cu.	9	Ci.-S.	Cu.-N. WNW
14	NW	WNW	W	W	WNW	N	57.3	80.2	103.3	95.6	336.4	3	Ci.	Cu.	10	------	N.
15	NW	W	WSW	WNW	N	NW	102.7	190.5	230.6	273.6	797.4	10	------	N.	10	------	N.
16	NW	WNW	WSW	WSW	WSW	W	315.7	398.7	445.9	377.6	1,537.9	10	------	N.	10	------	N.
17	W	WSW	SW	WSW	WSW	SW	208.9	177.2	187.5	93.5	667.1	10	------	Cu.-N. WSW	10	------	Cu.-N.
18	W	Calm	SE	SSW	NW	NE	75.3	50.2	97.1	42.4	265	10	Ci. NW	Cu.	10	------	Cu.-N.
19	E	ESE	E	WSW	WSW	NE	76.2	85.3	85.9	75.9	323.3	1	Ci.	Cu.	10	------	N.
20	E	Calm	WSW	SW	W	NE	39.7	52.1	91.5	40.4	223.7	1	Ci.-S.	Cu.-N.	10	------	Cu.-N.
21	Calm	NE	WSW	WSW	W	Calm	19.6	61.4	108.6	19.5	209.1	0	Ci.	Cu.	8	------	Cu.-N. SE
22	Calm	Calm	WSW	SW	WNW	SE	30.1	47.3	98.7	36.5	212.6	10	------	Cu.-N. NNW	10	------	N.
23	Calm	ESE	SW	WSW	Calm	Calm	44.9	65.4	79.1	49.7	239.1	0	Ci.	Cu.	10	------	N.
24	S	NNE	WSW	SW	SW	Calm	40.4	51.3	87.2	47.5	226.4	0	Ci.	Cu.	10	------	Cu.-N.
25	S	ESE	E	WSW	SSW	SE	52.8	53.9	65.8	99.2	271.7	0	Ci.	Cu.	9	------	Cu.-N.
26	W	ESE	WSW	WSW	SE	E	84.7	110	89.9	59.5	344.1	0	Ci.	Cu.	9	------	Cu.-N. WNW
27	E	Calm	SSW	WSW	N	W	51.5	59	100.1	62.2	272.8	0	Ci.	S.-Cu.	9	------	Cu.-N. NW
28	Calm	E	E	SW	WSW	Calm	31.9	69.7	80.2	27.6	209.4	1	Ci.	Cu.	10	Ci.	Cu.-N. SSE
29	E	NE	SW	WSW	SW	W	22.2	63	95.6	56.8	237.6	0	Ci.	Cu.	10	------	Cu.-N.
30	S	E	WSW	WSW	WSW	Calm	40.2	61.7	131	26.4	259.3	0	Ci.	Cu.	10	------	Cu.-N.
Mean	------	------	------	------	------	------	122.4	140.5	167.1	135.4	562.8	5.2	------	------	9.8	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.22	36.60	37.70	36.50	36.40	37.42	16.5	16.5	22	21.5	19	18.1	23.9	16.1	95	95	76	83	98	99	4.1
2	36.60	36.80	37.17	35.79	35.87	36.71	17	16.4	19.6	21.4	18.4	18.1	23.5	16.1	100	99	91	89	92	93	.6
3	35.89	35.97	37	35.86	36.21	36.99	16.9	16.9	20.4	21.5	17	17	23	15.8	100	97	91	80	98	91	12.9
4	36.37	36.45	37.88	36.44	36.86	37.74	15.9	15.9	19	17.9	17.9	17.1	22.3	15.5	97	95	90	93	94	99	19.6
5	36.62	36.52	37.23	35.78	36.15	37.32	16.3	15.9	19.6	20.7	15.6	16.4	22.8	14.5	100	99	87	94	93	85	37
6	36.10	36.18	36.89	35.47	35.99	37.26	15.9	16.4	19.5	22.4	17.8	17	23.8	15.3	88	87	88	81	95	98	1.6
7	36.10	36.74	37.61	36.18	36.79	37.65	16	16.4	21.4	21.9	18.4	17	23.5	15	99	88	77	80	93	97	------
8	36.38	36.95	37.70	35.90	36.74	37.17	16.4	15.9	21.9	23.5	17.9	17.2	24.8	15.2	93	94	81	76	98	90	12
9	35.91	35.84	36.61	34.73	35.16	36.01	16.1	15.4	23.3	21.3	18.3	17.6	24.3	15.3	92	84	63	88	95	96	2.6
10	35.33	34.94	35.70	33.94	34.33	35.01	16.5	16.5	21.6	23.3	17.5	17.4	23.7	15.7	99	90	75	76	97	95	6.9
11	34.12	34.01	34.63	33.24	33.12	33.95	16.5	16.9	20.4	18.6	17.9	17.3	21.8	16	100	91	70	88	94	93	1.9
12	32.93	32.95	33.47	32.15	31.84	32.43	16.3	16.4	20.9	19.3	17.9	17.2	25	15.7	93	88	71	96	96	98	2.5
13	31.26	30.32	31	29.25	29.60	30.66	17.1	17.1	19.7	18.5	18.1	17.5	21.8	16.5	97	94	92	100	97	97	7.6
14	29.41	29.75	30.84	29.50	30.21	31.42	17.2	16.9	21.1	18.2	17.4	16.8	22	16.2	98	94	84	96	97	100	1.8
15	30.85	31.63	33.86	32.94	33.85	35.31	15.6	15.9	18.5	19.9	17	16.1	22	15.5	100	94	82	81	94	97	------
16	34.85	35.19	36.26	35.18	35.60	36.68	15.6	15	18.6	17.9	15.7	15.2	20.8	14.5	98	98	85	97	90	81	2.9
17	36.02	35.96	36.80	35.63	36.13	37.45	14.7	14.2	19.8	19.9	16.5	15.3	21.8	13.3	77	78	73	80	95	99	------
18	36.57	36.90	37.89	36.26	36.72	37.65	14.9	14.9	20.9	22.3	17.5	16.4	23.2	14.3	99	99	78	72	93	96	4.4
19	36.77	37.19	38.34	36.84	37.18	37.80	15.9	15.4	21.4	20.6	17.4	16.9	22.8	15.2	95	93	73	89	94	95	11.2
20	37.24	37.66	38.75	37.52	37.95	38.77	16.3	15.3	21.4	19	17.4	16.3	22.3	15	97	95	80	96	96	100	6.5
21	37.80	37.94	38.59	36.95	37.32	37.75	16.1	16.6	20.4	19.7	17.2	16.6	22.8	15.4	98	83	87	91	87	91	1.5
22	36.78	37.32	37.72	36.25	36.22	37.24	15.7	15.5	21.2	21.6	17.7	17	23.3	15.2	98	98	83	75	92	94	------
23	36.36	36.72	37.49	35.78	36.48	37.40	15.9	15.5	21.9	19.7	16.5	15.2	22.8	14.5	99	93	67	91	91	91	.3
24	36.52	36.74	37.86	36.71	37.29	38.22	14.6	14.3	21.6	21.6	16.3	14.7	22.4	14.1	87	74	67	75	94	100	.3
25	37.06	37.69	38.62	36.96	37.20	38.17	13.9	13.4	18.9	21.4	16.4	14.3	21.9	13	100	98	81	69	94	100	------
26	37.23	37.30	37.92	36.10	36.30	37.31	12.2	11.4	19.5	20.1	15.4	14	21.8	11.3	100	94	52	73	96	98	------
27	36.59	36.85	38.21	36.27	36.89	37.86	11.9	12.5	16.7	19.9	15.9	14.9	21.5	12	100	94	82	80	95	92	------
28	37.23	37.56	38.77	37.43	37.70	38.62	13.8	13.4	19.5	19.6	16	15.5	22.4	12.8	92	92	69	82	93	90	1
29	37.74	38.06	39.32	37.84	38.02	38.85	14.6	14.6	19.4	19.7	16.5	15.8	22.6	13.8	89	80	68	82	91	91	------
30	38.18	38.16	38.91	37.32	37.54	37.96	14.6	14.6	21.8	20.9	17.5	15.4	22.9	14.3	92	82	70	82	87	96	------
31	37.18	37.35	38.74	37.41	37.59	38.67	15.5	16.2	23.5	21.6	17.7	16.8	25.3	14.7	90	81	54	74	96	91	------
Mean	35.81	36.01	36.95	35.49	35.85	36.76	15.6	15.4	20.5	20.5	17.2	16.4	22.9	14.8	95.5	91	77	84.2	94	94.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	139.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	ENE	WSW	WSW	WSW	Calm	36	79.7	95.6	25.4	236.7	0	Ci.	Cu.	9	------	Cu.-N. WNW
2	Calm	E	WSW	WSW	Calm	Calm	41.3	79.5	117.3	24.9	263	7	Ci.	S.-Cu.	10	------	Cu.-N.
3	SE	Calm	WSW	WSW	ENE	S	39.4	61.4	58.5	43.3	202.6	7	Ci.	N. NW	9	------	Cu.-N.
4	SE	SE	WSW	WSW	Calm	E	82.6	74.5	34.4	29.2	220.7	6	Ci.	S.-Cu.	10	------	N.
5	E	ENE	Calm	WSW	ESE	SE	38.9	30.6	104	63.9	237.4	6	Ci.	S.-Cu.	10	------	Cu.-N.
6	N	NNW	WSW	WSW	W	SE	53.9	59	84.7	36.2	233.8	0	Ci.	Cu.	8	------	Cu.-N. SE
7	NE	WSW	SW	WSW	Calm	SE	23.9	64.7	90.3	65.7	244.6	0	Ci. SW	Cu.	9	------	Cu.-N. W
8	W	Calm	WSW	SW	Calm	SE	44.1	60	81.9	44.1	230.1	0	Ci.	Cu.	10	------	Cu.-N. SW
9	NE	N	NE	WSW	Calm	S	70.5	52.8	97.1	39.9	260.3	0	Ci.	Cu.	10	------	Cu.-N. W
10	N	NNW	WSW	SW	SSE	SE	59	77.4	65.4	47.5	249.3	1	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
11	NE	W	Calm	ESE	WNW	W	51	31.9	49.7	58.9	191.5	10	------	S.-Cu.	10	------	N. ENE
12	NE	Calm	SW	W	NNW	W	51.2	51.2	68.9	52.8	224.1	10	------	S.-Cu. ENE	10	------	N.
13	W	WSW	WSW	WSW	WSW	W	67	45.3	72.6	56	240.9	10	------	N.	10	------	N.
14	W	NNW	SW	N	N	NE	64.2	55.2	116.4	86.4	322.2	9	Ci.	S.-Cu.	10	------	N.
15	N	N	N	WNW	WNW	NW	128.1	129.3	111.5	82.1	451	6	Ci.-S.	Cu.-N. N	8	Ci. SbyE	Cu.-N. NNW
16	W	N	WSW	WSW	N	N	93.3	74.5	100.8	99.5	368.1	4	Ci.	Cu.-N.	10	------	Cu.-N.
17	NW	Calm	WSW	WSW	Calm	SE	25.4	55.2	84.2	76.9	241.7	0	Ci.	Cu.	4	------	Cu.-N. SSE, W
18	SE	ESE	WSW	WSW	SW	SE	79.5	65.4	88.8	50.5	284.2	1	Ci.	Cu.-N.	6	------	Cu.-N. WSW
19	SE	ESE	SE	SW	SW	Calm	86.6	66.6	45.1	53.1	251.4	1	Ci.	Cu.-N.	10	------	Cu.-N. S
20	E	ESE	SW	WSW	Calm	E	64.2	56.6	52.6	36.7	210.1	1	Ci.	Cu.-N.	10	------	Cu.-N.
21	E	Calm	WSW	WSW	SE	SE	25.4	59.5	90.9	45.7	221.5	0	Ci.	Cu.	10	------	N.
22	SE	Calm	SW	WSW	Calm	E	36	58.1	85.3	44.5	223.9	10	------	Cu.-N.	10	------	Cu.-N.
23	Calm	ESE	SW	SW	E	E	47.5	55.3	88.2	69.2	260.2	5	Ci.-S.	S.-Cu.	10	------	Cu.-N.
24	E	E	E	SW	WSW	SE	91.7	85.1	91.9	40	308.7	3	Ci.	S.-Cu. NW	8	------	Cu.-N. WNW
25	Calm	NNE	SW	WSW	WSW	Calm	28.2	66.6	101.7	37.5	234	5	Ci. SW	S.-Cu. NW	6	Ci.	Cu. NW
26	NE	NE	Calm	SW	SE	SE	38.1	52.9	72.6	48.5	212.1	0	Ci.	Cu.	7	Ci.	Cu. SE
27	NE	NE	SW	SW	Calm	SE	68.2	66.6	77.9	65.5	278.2	2	Ci.	Cu. E	9	------	Cu.-N. SE
28	E	E	SW	SW	Calm	E	114.3	85	61	58.4	318.7	0	Ci.	Cu.	9	------	Cu.-N. W
29	E	NE	SW	SW	Calm	E	86.6	78.1	96.1	43.8	304.6	0	Ci.-S.	Cu.	10	------	Cu.-N.
30	SE	N	SW	SW	S	E	42.3	55.7	71	116.9	285.9	0	Ci.	Cu.	9	------	Cu.-N.
31	SE	NE	ESE	WSW	E	E	91.5	103.2	75.1	158	427.8	4	Ci.-S.	Cu.	9	Ci.	Cu.-N. S
Mean	------	------	------	------	------	------	60.3	65.7	81.7	58.1	265.8	3.5	------	------	9	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,239.3	------	------	------	------	------	------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.45	37.93	38.86	37.42	37.75	38.49	16.6	17	22.4	19.6	17.7	18.5	24.4	16.4	88	76	57	68	73	60	------
2	37.49	37.63	38.74	37.29	37.90	38.80	16.5	17.2	21.5	21.7	17.1	16.2	24.8	15.8	72	62	56	79	92	95	11.7
3	37.97	38.15	38.77	37.29	37.83	38.92	15.8	16	22.8	19.6	17.7	16.5	24.8	15.4	96	87	61	94	86	94	.3
4	38.01	38.30	38.89	37.51	38.14	38.62	16	16.1	22.5	22.1	18.6	17.5	24.8	15.3	92	86	57	66	80	85	------
5	37.70	38.09	39.11	37.94	38.63	39.05	16.6	17	24.4	20.4	16.8	16.8	24.7	15.8	88	80	60	86	97	93	30
6	37.71	38.33	39.29	37.69	37.98	38.79	16.6	17.2	21.2	23	18.6	17.5	23.2	16.5	92	85	72	67	90	87	------
7	37.97	38.75	39.76	38.09	38.44	39.04	16.5	16.5	23	23.4	19.3	17.4	25.8	16.3	87	73	55	78	55	68	------
8	37.77	38.45	39.64	38.23	38.59	39.40	17.3	17.5	23.7	24	19	17.2	26.2	16	67	67	43	66	59	70	------
9	38.51	38.63	39.36	37.63	37.86	39.18	15.5	16.5	22.2	22.1	18.7	16.4	24.8	15.5	81	74	52	47	69	87	------
10	38.12	38.08	38.96	36.86	37.16	38.36	16.8	16.5	22.4	21.5	18.2	16.4	23.9	15.7	85	82	55	73	54	68	------
11	37.45	37.89	38.83	37.28	37.58	38.67	15.6	16.5	23.5	22.2	17.7	16.6	24.9	14.7	78	72	52	79	91	94	------
12	38.11	38.05	39.06	37.54	37.92	88.75	15.7	15.5	22.4	19.7	18	16.7	24.3	14.8	90	85	68	86	83	89	------
13	37.97	38.14	39.19	37.71	37.76	38.39	15.7	15.9	20.7	18.7	16.7	16.1	21.7	14.6	88	83	80	88	95	93	------
14	37.45	37.61	38.65	37.16	37.43	38.28	14.2	13.5	20.8	18.8	15.5	14.3	22.3	12.9	100	99	50	84	88	86	------
15	36.94	37.55	38.97	38.07	38.40	39.26	13.3	12.5	20.1	17	15.7	15.1	22.5	12.3	82	65	63	89	79	82	------
16	38.62	38.58	39.30	37.75	37.93	38.53	14	14.1	19	18.1	15.7	15.8	20.3	13.6	89	85	77	88	99	94	------
17	37.67	38.04	38.71	37.62	37.62	38.42	15.1	13.9	20.7	17.9	17.1	16.3	22.5	13.3	95	99	76	96	99	100	------
18	37.93	38.54	39.73	38.39	38.74	39.30	15.5	15.1	19.9	20.2	16.8	15.5	22.3	14.3	100	97	79	81	99	96	------
19	38.44	38.88	40.10	38.87	39.55	40.03	14.1	14	22.5	21.1	17.7	17.4	25	13.5	99	89	58	82	88	82	------
20	39.05	39.57	41.02	39.26	39.43	39.86	16.5	16.4	20.5	18.8	17.7	16.6	24	14.9	80	75	74	94	84	87	15.2
21	39.20	39.24	39.88	38.38	38.70	39.11	16.2	15	21.7	21	16.9	15	23.7	14.7	74	71	62	80	94	100	------
22	38.23	38.24	39.26	37.65	38.05	38.87	14.4	14.1	23.1	23.3	17.6	15.2	25	13.5	89	83	48	65	89	98	------
23	38.52	38.98	39.97	38.79	39.10	40	14.4	14?	22.4	20.1	17.1	14.9	24.4	13.8	93	90	54	83	95	93	------
24	38.55	38.81	40.24	38.68	39	39.67	14.6	14.2	20.4	19.7	15.9	13.9	23	12.5	80	72	51	82	79	84	------
25	39.14	38.81	39.85	37.80	38.16	38.44	12.6	12.4	21	17.9	15.3	13.9	21.3	12	85	89	54	82	83	89	------
26	37.03	37.11	38.05	36.68	36.61	37.53	12.8	13.2	20.9	19.5	15.6	15	22.3	12.3	93	83	50	77	93	88	------
27	36.35	35.95	36.99	35.43	35.68	36.98	14.1	15.3	19.4	21.9	17.2	16.5	23.8	13.7	94	84	60	54	78	79	------
28	36.27	36.37	38	36.50	36.74	37.46	16.1	16.3	18.4	19.5	16.2	16	21.5	15.2	80	75	70	79	89	86	1
29	36.78	37.20	38.20	36.79	37.01	37.93	15.9	14.9	19.4	20.3	16.7	16.2	24.3	14.3	84	88	76	84	96	90	2.5
30	37.28	37.34	38.41	37.11	37.68	38.38	15.1	15	21.3	19.5	17.7	16.6	23.1	14.3	93	88	76	86	91	85	------
Mean	37.86	38.11	39.13	37.65	37.98	38.75	15.3	15.3	21.5	20.4	17.2	16.1	23.7	14.5	87.1	81.5	61.5	78.8	84.9	86.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	60.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ENE	ESE	E	ENE	SE	119.8	132	149.4	131.2	532.4	2	Ci.	S.-Cu.	9	A.-Cu.	Cu.-N.
2	E	SE	SE	SW	E	Calm	143	120.5	85.5	37.3	386.3	7	A.-Cu.	S.-Cu.	10	------	Cu.-N.
3	NE	SE	E	W	Calm	E	51	79.1	72.6	76.4	279.1	5	Ci.-S.	Cu.	9	------	Cu.-N.
4	E	NE	SE	E	ESE	SE	86.4	75.3	93.1	117.5	372.3	1	Ci.	S.-Cu.	7	Ci.-S.	Cu.
5	E	E	S	SW	WSW	E	94.3	87.1	105.7	93.6	380.7	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
6	E	E	E	SE	SW	SE	91.7	99	54.9	75.1	320.7	5	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. S
7	SE	Calm	NE	WSW	SE	E	76.7	105.2	79.7	181.8	443.4	0	Ci.	Cu.	6	Ci.-S.	Cu. NE
8	E	ESE	E	SW	SE	SE	204.1	122.8	81.5	89.9	498.3	1	Ci.	Cu.	5	Ci.	Cu. SW
9	SE	N	SE	ENE	SE	NE	87.7	54.7	99.2	84	325.6	0	Ci.	S.-Cu.	3	Ci.-S.	Cu.
10	NE	ENE	SSE	SW	ENE	E	55	50.9	81.9	100.8	288.6	7	------	Cu. E	9	Ci.	Cu. E
11	SE	NW	SW	WSW	Calm	SE	49.9	59.5	77.5	40.2	227.1	0	Ci.	Cu.	9	------	Cu.-N.
12	E	NE	Calm	SW	S	E	73.7	59.7	85.1	111.5	330.0	0	Ci.	Cu.	9	------	Cu. E
13	E	Calm	SW	WSW	Calm	NW	62.3	64.4	66	33.2	225.9	1	Ci.-S.	S.-Cu.	10	------	------
14	Calm	NE	NE	WSW	Calm	NW	43.7	68.2	91.1	28	231	10	------	------	10	------	------
15	NW	E	SW	SW	WSW	W	44.1	69.8	73	47.5	234.4	0	Ci.	------	10	------	Cu.-N.
16	E	SE	W	SW	WSW	Calm	43.1	65	74	19.3	201.4	2	Ci.	Cu.	10	------	Cu.-N.
17	Calm	Calm	SW	SW	Calm	Calm	30.9	51.7	50.9	29.5	163	3	Ci.	Cu.-N.	10	------	Cu.-N.
18	SE	NW	WSW	W	Calm	SE	31.9	61.7	76.1	63.6	233.3	9	Ci.	S.-Cu. NNW	10	------	------
19	E	E	E	SW	SE	E	85.6	64.2	62.2	115.7	327.7	0	Ci.	Cu.-N.	9	------	Cu.-N.
20	SE	E	ENE	W	SE	SE	72.9	91.9	------		------	8	A.-Cu. SE	S.-Cu. S	10	------	------
21	Calm	SE	SW	WSW	Calm	E	------	------	77.2	79.7	------	0	------	Cu.	8	------	Cu.-N.
22	Calm	NE	SE	SW	SE	E	74.3	105.2	86.9	147.6	414	0	------	Cu.	3	------	Cu.
23	E	E	E	SW	Calm	E	111.8	110.7	81.9	128.5	432.9	0	------	Cu.-N.	10	------	Cu.-N.
24	E	E	E	SW	E	E	144.3	77	84.3	114.5	420.1	0	------	Cu.	10	------	Cu.-N.
25	E	NE	SSE	WSW	WSW	E	77.7	89.8	85.9	44.8	298.2	0	------	Cu.-N.	9	------	Cu.-N.
26	NE	SSE	SE	WSW	Calm	SE	48.8	58.7	79.5	49.9	236.9	0	------	Cu.	9	------	Cu. SE
27	NE	ENE	NE	SE	E	SE	62	134.9	137.1	112.7	446.7	1	------	Cu.-N.	5	Ci.-S.	Cu. E
28	E	E	ESE	SW	NE	SE	174.1	130	98.4	151.3	553.8	9	Ci. S	S.-Cu. NNW	8	A.-Cu. SE	Cu.-N. ENE
29	E	N	SW	WSW	W	Calm	112.7	54.7	86.4	37.8	291.6	0	Ci.	Cu.	9	------	Cu.-N.
30	N	ENE	WSW	SW	Calm	E	63.9	53.2	77.7	34.9	229.7	0	------	Cu.	7	------	Cu.-N. ENE
Mean	------	------	------	------	------	------	83.4	82.7	84.6	82	333	2.5	------	------	8.4	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, −1.65 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 600 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.69	37.70	38.64	37.08	37.16	38.01	15	15	21.5	21.9	16.3	15.4	24.5	14.5	99	94	75	65	84	78	------
2	37.15	37.49	38.65	37.14	37.48	38.01	14.3	15	22.5	22.2	17.2	15.8	23.3	13.7	67	42	37	68	90	86	------
3	37.40	38.04	39.28	38.44	38.94	39.44	14.1	13.6	19	18.4	16.5	15.7	22.5	13.3	94	93	75	87	95	96	------
4	38.85	39.35	40.30	38.93	39.32	40	14.5	14.5	19.6	18.4	16.8	15.7	20.8	13.9	100	98	82	88	96	99	4.6
5	39.28	39.56	40.04	38.57	39.01	39.79	15	13.7	21	18	16.1	14.7	23.1	13.4	100	99	59	93	78	88	------
6	39.07	39.41	40.21	38.56	39.03	39.82	14.8	15.1	21.9	17.9	16.7	15.7	22.9	14	86	79	60	90	87	89	------
7	39.16	39	39.99	38.33	38.68	39.05	15.4	14.4	20.8	20.9	16.7	14.5	23.7	13.8	87	81	49	76	77	89	------
8	38.03	38.01	38.90	37.41	37.85	38.81	14.4	14.4	22.2	20.7	16.5	15	23	13.3	81	77	54	54	77	84	------
9	38.15	37.99	39.04	37.99	38.01	38.74	14.9	14.7	21.5	20.6	16.4	15.9	23.6	14.2	81	81	41	44	55	61	------
10	38.25	38.31	39.37	37.97	38.39	39.21	14.5	15.9	19.7	20	16.4	14.1	22.3	13.3	78	70	63	63	75	90	------
11	38.03	37.77	38.69	37.30	37.91	38.86	13.8	15.6	20	19.5	17	15.7	22.1	12.6	85	65	64	65	87	92	------
12	37.80	37.68	38.96	36.74	37.16	37.84	15.8	15.8	22.7	22.8	18.2	16.7	25.2	14.7	86	83	52	68	70	79	------
13	37.22	37.66	38.91	37.71	37.84	38.46	16.3	16.5	20.8	17.6	16.7	16.7	22.5	16.1	85	84	66	92	84	87	2.5
14	37.38	37.24	37.95	36.59	37.23	38.01	16	15	21.9	22.4	17	16	25.4	14.7	83	83	44	45	65	70	------
15	37.10	37.18	38.04	36.67	37.49	38.28	16.2	15.7	21.6	20.8	18.9	17.5	24.5	14.6	70	75	58	81	81	86	------
16	37.66	37.94	38.89	37.44	37.86	38.69	17.2	17.6	22	19.5	18.6	17.4	24	16.4	85	82	65	88	95	95	------
17	37.93	38.17	38.81	37.32	37.86	38.13	15.6	14.5	23.3	20.3	17.4	16.7	24.6	14.4	92	81	47	87	95	86	------
18	37.39	37.47	38.86	37.75	38.43	38.96	15.6	15.2	22	19.2	16.4	15.1	22.9	14.8	90	84	55	84	77	85	------
19	38.39	38.72	39.36	38.24	38.71	39.69	15	15	21.5	21.5	17.3	15.7	24.6	14.7	84	79	53	68	78	89	------
20	38.88	39.18	39.92	38.24	38.75	39.68	15.6	14.6	22.2	22.4	18.1	16.3	24.8	14.5	87	88	53	72	94	100	------
21	38.57	38.62	39.51	37.86	38.40	38.60	15.2	14.9	22.9	20	17	15.6	25.5	14.5	100	88	48	84	99	100	------
22	37.62	37.66	38.55	36.57	36.76	37.72	15.4	15.4	20.7	21.4	17.7	17	24.2	14.7	97	89	71	78	96	95	------
23	37.20	37.38	38.74	36.94	37.57	38.20	15.6	15	22	20.4	16.9	15.9	23.5	14.7	100	99	71	83	92	94	4.8
24	37.54	37.57	38.69	36.90	36.91	37.89	16.1	13.2	22	19.8	17.2	15.8	23.6	15	88	85	58	85	96	97	------
25	36.87	36.77	38.63	36.84	37.07	37.67	14.9	15.3	19.5	19.3	17.7	16.8	22.7	14.6	100	92	81	87	91	94	------
26	36.88	37.23	38.40	36.68	36.48	37.41	16.8	15.8	20	21.3	17	15.1	23.1	14.6	87	89	78	74	96	100	------
27	36.45	36.58	37.73	36.53	36.87	37.50	14.9	13.7	22.4	18.1	15	14.1	23.2	13.2	100	98	41	81	97	98	------
28	36.68	37.13	38.10	36.72	37.12	38.10	13.8	12.8	19.3	20.3	15.7	14.2	20.6	12.4	91	94	58	65	96	100	------
29	37.65	38.27	39.62	38.25	39.10	40.02	13.2	12.9	18.7	18.9	16.5	14.5	22.3	12.6	100	98	55	78	75	90	------
30	39.74	40.15	41.33	40.05	40.30	40.72	14	15.1	19	18.8	17.1	15.9	21.8	13.5	93	84	74	85	87	87	------
31	40.34	40.22	40.87	39.65	40.48	41.20	14.8	14.5	19.3	20.7	15.4	13.6	22.7	13.5	89	83	58	56	76	85	------
Mean	37.95	38.11	39.13	37.66	38.07	38.79	15.1	14.9	21.1	20.1	16.9	15.6	23.3	14.1	89.3	84.4	59.5	75.3	85.2	89.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	11.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SSW	WSW	NE	SE	42.5	57.1	90.4	48.9	238.9	1	------------	S.-Cu.	5	------------	Cu.
2	N	N	W	WSW	E	NE	64.7	77.2	87.5	95.6	325	0	------------	Cu.	4	------------	Cu. S
3	E	N	SW	WSW	W	SE	58.7	70.5	83.5	67.4	280.1	0	------------	Cu.	9	------------	Cu.-N.
4	NE	N	W	WSW	Calm	Calm	78.7	55	65.8	17.1	216.6	0	------------	Cu.	10	------------	Cu.-N.
5	Calm	N	SE	SW	ESE	E	26.6	44.3	71	57.7	199.6	2	------------	Cu.-N.	9	------------	Cu.-N.
6	Calm	E	SE	Calm	Calm	SE	31.6	51.5	59.2	69.2	211.5	0	------------	S.-Cu.	10	------------	Cu.-N. SE
7	SE	E	SE	SW	SE	E	118.9	101.9	52.1	136	408.9	1	------------	S.-Cu.	4	------------	Cu. SE
8	SE	E	E	ENE	SE	SE	147.9	92.2	119.4	89.5	449	1	Ci.	Cu.	4	A.-Cu.	Cu. E
9	E	ENE	SE	E	SSE	E	92	136.8	93.1	116.1	438	8	Ci.	S.-Cu.	3	Ci.	Cu.
10	E	ENE	SE	NE	NE	E	81.3	132.8	128.9	126.8	469.8	8	------------	S.-Cu. SE	8	A.-Cu.	Cu. ENE
11	E	ENE	E	E	SE	SE	161.4	262.3	145.3	115.6	684.6	1	------------	S.-Cu.	7	A.-Cu.	Cu.-N. SE
12	SE	NE	SE	SW	SE	E	71.8	48.5	82.4	147.3	350	1	------------	S.-Cu.	4	------------	Cu. SE
13	E	E	ESE	ENE	SE	S	133	76.7	75.4	54.4	339.5	1	Ci.-Cu.	S.-Cu.	10	A.-Cu.	Cu.-N. E
14	SE	E	ESE	SE	ENE	E	98.7	102.2	86.6	119.3	406.8	0	------------	------------	1	Ci.	Cu.
15	E	NE	E	SW	Calm	W	105.7	140.3	68.2	33	347.2	5	Ci.	S.-Cu.	9	Ci.	Cu.
16	Calm	E	ENE	SW	WSW	SE	33	92.3	45.6	79.5	250.4	2	A.-Cu. SE	S.-Cu.	10	------------	Cu.-N.
17	SE	ESE	SE	WSW	WSW	E	133.8	76.7	63.1	151.6	425.2	0	Ci.	Cu.	9	------------	Cu.
18	SE	NE	NE	SW	ENE	E	136.5	96.8	61.2	144.8	439.3	9	A.-Cu. S	S.-Cu.	10	Ci.-S.	Cu.-N.
19	SE	ESE	ENE	SW	ENE	SE	145.8	113	56.6	107.6	423	8	------------	S.-Cu.	7	A.-Cu.	Cu. ESE
20	E	ENE	E	WSW	SE	E	118.8	116.2	71.8	89.6	396.4	0	------------	S.-Cu.	9	------------	Cu.
21	SE	E	E	SW	W	Calm	145	128.2	76.2	37.5	386.9	0	Ci.	S.-Cu.	9	------------	Cu.-N.
22	E	E	SW	W	S	SE	60.9	54.1	81.5	48.1	244.6	0	------------	S.-Cu.	10	------------	Cu.-N.
23	Calm	W	SW	SW	ENE	E	35.7	64.1	79.5	119.6	298.9	10	------------	Cu.-N.	9	------------	Cu.-N.
24	NE	E	E	SW	Calm	NE	62.5	80	61.2	72.9	276.6	9	------------	S.-Cu.	9	A.-Cu.	Cu.-N. SE
25	NE	E	SW	W	Calm	Calm	53.4	71.8	70	29	224.2	0	Ci.	S.-Cu.	9	Ci.	Cu.
26	SE	NW	WSW	WSW	WSW	E	50.4	88.2	100.9	80.3	319.8	8	Ci.	S.-Cu.	10	------------	Cu.-N.
27	NE	NE	E	SW	N	SE	62.2	81.1	96.4	34.9	274.6	0	Ci.	S.-Cu.	9	------------	Cu.-N.
28	SE	ENE	ESE	WSW	ESE	E	75.8	102.8	58.7	125	362.3	2	A.-Cu.	S.-Cu.	8	Ci.	Cu. SSE
29	SE	E	ESE	S	ESE	E	141.9	158.2	73	93.3	466.4	0	------------	S.-Cu.	2	Ci.	Cu. E
30	E	NNE	Calm	W	NE	SE	88.3	68.9	42.3	83.7	283.2	9	------------	Cu.-N.	10	------------	------------
31	SE	E	ENE	E	SE	E	86.1	122	102.5	153.2	463.8	9	------------	S.-Cu.	1	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	88.5	95.6	79	88.5	351.6	3.1	------------	------------	7.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,901.1	----	------------	------------	----	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.76	60.74	61.80	59.95	60.42	60.88	24.6	23.5	27.2	28	25.7	24.6	30.2	22.5	85	87	81	82	90	87	------
2	60.20	60.29	60.29	57.43	58.14	59.24	23	22.8	27.1	31.2	26.6	25.5	32.1	21.8	96	97	80	71	93	89	------
3	59.14	59.86	60.81	59.04	59.59	60.52	24.5	24	29.9	30.2	26	24.2	31.4	22.7	85	87	75	82	94	97	------
4	60.15	60.74	61.79	60.01	60.33	61.78	23.6	23.5	30.3	30.4	26.5	24.5	31.4	20.7	93	89	73	77	92	92	------
5	60.34	60.39	60.94	58.74	59.24	60.59	24.2	23.8	30.5	29.5	28	26	32	23	86	85	62	75	67	80	------
6	59.45	59.69	60.33	58.19	58.34	59.62	24	22.2	28.9	30.2	27	24	31.5	21.3	91	93	71	78	84	91	------
7	59.39	59.96	60.87	58.42	58.75	59.52	24	22.8	28	30	26	22.7	31	21.7	91	97	87	75	88	97	------
8	59.20	59.87	61.12	59.05	59.30	60.67	22.3	22	29.2	30	26	23.7	31.7	20.5	96	96	66	71	98	100	------
9	59.71	59.81	60.65	58.04	57.97	59.14	23	23	28.1	29.2	26	24.2	31.2	21.7	100	97	81	81	96	98	------
10	58.56	59.02	59.98	57.69	58.56	58.93	23.3	23	29	29.4	26.8	26.6	31.2	21.8	100	100	80	88	94	91	------
11	58.85	59.49	60.79	58.49	59.44	59.76	25.2	24.8	28.5	29.7	27.2	25.5	31.2	24	96	98	85	75	81	85	------
12	59.49	60.09	61.02	58.83	60.18	60.59	25.2	24.8	26	29	26.5	24.8	30.8	23.8	87	89	84	72	83	83	------
13	60.38	61	62.02	59.85	60.28	60.30	23.6	23	29.4	28.5	25.8	23.3	31.2	22.2	85	90	67	80	85	90	------
14	60.26	60.61	61.83	59.79	61.15	61.39	22.6	23.6	29.3	29	26.3	23.3	31.2	20.8	95	86	66	73	86	93	------
15	61.06	61.64	62.99	60.63	61.38	62.05	23.2	23.7	29.8	30.1	26	23.9	31.6	21.5	91	88	64	67	87	92	------
16	61.58	61.98	63.60	60.97	61.38	61.59	22	22.5	28.5	29.5	25.8	22	31.7	20.2	96	91	66	59	78	92	------
17	60.82	61.05	62.60	60.47	60.84	61.56	21.4	20.8	28	29	25	22	30.1	19	90	88	62	63	83	91	------
18	60.89	61.54	63.31	60.87	61.66	61.75	19.2	18.7	27	27.3	24.5	20.6	28.8	17.8	93	95	70	71	83	94	------
19	60.72	61.12	62.36	60.15	60.90	61.30	19.2	19	26.7	29	25.5	24.2	29.8	18	96	95	70	63	80	86	------
20	61.50	61.66	62.39	60.49	60.94	61.43	22.8	22.2	28.9	29.7	26.4	22.5	30.9	21.2	79	79	58	64	81	91	------
21	61.28	61.54	62.83	61.35	61.32	61.48	21.8	22	26.3	28.6	25.5	22	30.9	20.4	95	94	74	75	84	95	------
22	61.46	62.14	63.51	61.27	61.60	61.84	20.5	20.7	28.3	29.5	26.5	25.6	31	19.5	97	96	66	63	82	68	------
23	61.53	62.31	62.85	61.42	61.89	62.47	23	21.9	31.5	29.5	27.2	24	32	20.3	79	96	51	73	81	94	------
24	61.94	62.73	63.70	61.78	61.94	62.81	22.2	21.9	28.6	28.8	26.3	25.5	30.5	20.9	98	94	75	74	82	88	------
25	62.75	64.14	64.96	62.67	64.05	64.41	22.7	23	26	27	24	22.3	28.2	21.2	98	97	74	75	79	83	------
26	63.84	64.66	65.48	62.62	63.21	64.99	21	20	25.7	27	23.4	21.4	27.2	19.4	86	86	67	68	80	78	------
27	64.14	64.39	64.94	62.19	62.52	63.51	20	20	27	28.7	26	23.4	30.2	19.2	81	81	59	51	55	71	------
28	63.40	64.25	65.62	63.25	63.36	64.19	23.2	23.7	26.7	28	24.4	22.2	30.7	19.7	65	65	60	56	67	68	------
29	64.04	64.24	65.14	62.84	62.98	64.49	21.5	19.7	28.5	29.4	26.2	22	30.2	18.8	71	78	50	62	71	81	------
30	64.11	64.94	65.39	62.72	63.64	64.36	21.2	20.7	27.2	31.2	26	24.2	31.7	20.1	85	82	58	44	55	64	------
31	64.26	63.96	65.07	62.57	62.82	64.51	23.3	23	30	30	26.8	24.7	32.1	22.7	84	85	50	46	54	56	------
Mean	61.14	61.61	62.61	60.38	60.91	61.67	22.6	22.3	28.3	29.2	26	23.7	30.8	20.9	89.4	89.7	68.8	69.5	81.1	86	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	NE	2	N	3	NNE	4	N	3	N	3	2	Ci.	S.-Cu.	10	A.-Cu.	S.-Cu. NNE
2	NE	1	N	1	N	1	NNW	2	SW	1	ENE	2	10	A.-Cu.	S.-Cu. SE	8	A.-Cu. SSE	Cu.
3	E	1	ENE	1	NNW	1	NNW	2	NNE	3	NE	1	3	Ci.	S.-Cu.	7	Ci.	Cu. NNW
4	NNE	1	ESE	1	NNW	1	NNW	2	N	1	NNE	4	2	Ci.	Cu.	7	Ci. SW	Cu. NNW
5	N	2	NE	2	NE	4	NNW	3	NE	3	NE	1	8	A.-Cu.	S.-Cu. NE	4	A.-Cu. SW	Cu. NNE
6	NNE	1	N	1	NNW	2	NNW	1	SSE	1	SSE	1	7	A.-Cu. ESE	S.-Cu.	7	A.-Cu.ESE	Cu. NNE
7	SSE	1	SE	1	WNW	1	NNW	2	NNW	1	SE	1	8	A.-Cu.	S.-Cu. SE	1	Ci.	Cu. NNE
8	SSE	1	E	1	ESE	0	NW	2	NNW	1	Calm	----	0	Ci.	S.-Cu.	2	Ci.	Fr.-Cu.
9	E	1	ESE	1	NNE	1	N	2	N	1	Calm	----	1	Ci.	S.-Cu.	1	Ci.	Cu.
10	Calm	----	ENE	1	NNW	1	NW	2	Calm	----	E	1	3	A.-Cu. NNW	Cu. N	1	Ci.	Cu.
11	E	1	ESE	1	NW	1	NW	2	ESE	1	E	1	10	------	S.-Cu. SSW	8	A.-Cu.	Cu. SSW
12	N	1	E	1	SE	1	NW	2	NNW	1	Calm	----	10	------	S.-Cu. SSW	8	A.-Cu. SW	Cu.
13	E	1	ESE	1	SE	0	NNW	3	N	1	E	1	9	------	S.-Cu. SSW	2	Ci.	Cu.
14	E	1	ESE	1	SSE	2	NW	2	NNW	1	NE	1	10	A.-Cu.	S.-Cu. SSW	2	Ci.	Cu.
15	ENE	1	E	1	NW	2	WSW	2	N	2	NE	1	10	------	S.-Cu. SSW	1	Ci.	Cu.
16	NNE	1	E	1	NNE	1	NNW	2	N	1	N	1	10	A.-Cu.	S.-Cu. SW	1	------	Fr.-Cu.
17	NE	1	ENE	1	NE	2	NNW	2	N	1	NNE	1	0	------	------	1	Ci.	Fr.-Cu.
18	NE	1	ENE	0	N	2	NNW	3	N	2	NNE	1	0	------	Cu.	7	Ci.	Cu. N
19	NE	1	ENE	1	NW	1	NNW	1	Calm	----	Calm	----	1	Ci.	S.-Cu.	1	------	Cu.
20	NNE	1	ESE	1	Calm	----	NW	2	NNW	1	NE	1	0	------	S.-Cu.	2	------	Cu.
21	E	1	ESE	1	SW	1	WSW	2	N	1	NNE	1	1	Ci.	Cu.	5	------	Fr.-Cu.SW
22	NE	1	NE	1	NNE	1	NNW	3	N	1	ESE	1	1	------	Cu. NE	1	------	Cu.
23	ENE	1	E	0	ENE	1	WSW	2	NNW	1	NNW	1	0	------	------	4	A.-Cu. NE	Cu. WSW
24	Calm	----	ESE	1	NNW	1	NW	2	N	1	NNE	1	7	A.-Cu.	S.-Cu.	1	------	Cu. NNW
25	NNE	2	NE	2	N	3	N	6	NNE	4	N	3	8	A.-Cu.	S.-Cu. SSW	4	A.-cu.SSW	Cu.
26	N	2	NNE	3	N	4	NNE	5	NNE	4	NE	1	1	------	Cu.	1	Ci.	Cu.
27	NNW	1	NNW	1	NNE	1	NNW	2	ESE	1	ENE	2	2	------	S.-Cu.	1	Ci.	Cu.
28	ENE	2	NE	2	NNW	1	NNW	3	N	1	ESE	1	10	------	S.-Cu. NNW	0	------	Fr.-Cu.
29	E	1	E	1	E	0	NW	2	N	1	N	1	1	------	S.-Cu.	0	Ci.	Fr.-Cu.
30	NNE	2	NNE	3	NE	2	NE	3	NNE	2	NE	2	1	------	Cu.	1	Ci.	Fr.-Cu. NE
31	N	1	NE	1	NE	3	ENE	4	NE	2	NNE	2	1	Ci.	Cu. ENE	7	A.-Cu. SW	Cu. ESE
Mean	------	1.1	------	1.2	------	1.5	------	2.5	------	1.5	------	1.2	4.4	------	------	3.4	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.66	65.15	65.75	63.07	62.84	63.62	24.2	21.5	29.8	29.8	27	25.3	31.5	20	57	69	45	54	49	58	------
2	63.46	63.80	64.74	62.70	62.65	63.23	24.4	23.5	29	28.7	25.8	23.1	31.7	21.8	65	67	44	56	67	69	------
3	62.76	62.30	63.42	60.93	60.79	61.40	21.1	21	29.6	29.3	27	23.3	31	18.8	79	78	52	58	70	80	------
4	60.91	61.20	61.97	59.89	60.31	61.08	24	22.4	29	29	25.3	23	30.8	21.2	67	76	59	60	81	91	------
5	61.29	61.40	62.54	60.27	60.69	61.85	22.5	22	28.3	29.5	25.3	24.3	30.3	21.4	87	91	65	63	85	89	------
6	61.74	61.55	62.59	60.73	60.67	61.74	23.7	21	28.5	28.6	26.7	23.2	31.2	20.8	85	91	66	64	80	89	------
7	61.78	60.99	62.09	59.94	60.07	60.89	23.3	23	30.4	31.3	29.2	27.4	32.3	21.9	79	83	57	55	54	69	------
8	60.17	60.42	61.53	59.52	59.75	60.87	26.6	23.2	30	29.5	26.7	25	31.4	22.3	78	87	65	68	80	83	------
9	60.45	60.75	62.23	60.19	60.27	61.14	24.9	25	29.1	29.7	27	24.2	31	23.4	85	85	64	63	83	90	------
10	60.89	61.14	62.43	60.47	60.75	61.95	23.3	23	27.5	28.6	25.7	24	29.2	21.8	93	91	75	70	86	90	------
11	61.29	61.80	62.72	60.56	61.22	62.79	22.3	22.2	29	30.5	27.7	25.4	32.2	21.5	86	85	61	59	52	57	------
12	62.09	62.78	64.12	61.29	61.22	62.25	24.6	24.5	29.5	29	26.7	24.5	31.2	23.7	56	57	49	60	71	72	------
13	61.88	62.46	63.59	61.08	61.52	62.62	25.3	23.3	29.5	29.6	26.2	23.3	31.5	22.2	62	71	56	66	79	90	------
14	62.13	62.76	63.94	61.97	62.37	63.62	23.3	23	29.5	30	26.7	23.7	30.8	22	80	83	63	66	77	91	------
15	62.98	63.14	64.94	62.67	63.07	64.64	22.8	22.6	28.8	29.5	25.8	23.8	31.5	22.3	91	92	70	71	77	88	------
16	63.79	64.15	65.29	62.24	61.82	62.57	22.3	20.8	29	31.2	27.3	26	31.7	20.3	86	88	64	58	73	64	------
17	61.96	62.34	63.12	60.85	60.84	61.42	24	22.5	29.4	29.5	26.5	24.2	31	22	66	73	63	66	76	86	------
18	60.79	61.09	62.22	59.44	59.86	60.79	24	23	29.5	30.2	26.5	24	32	22.5	75	78	58	62	82	89	------
19	60.21	60.39	61.73	59.89	59.94	60.95	23.7	22.5	29.5	30.8	26.4	25.6	31.5	22.1	88	89	63	67	81	89	------
20	60.09	60.15	61	58.99	59.25	60.37	22.5	21.5	29.1	28.5	26.1	23.8	32	21.2	89	91	66	76	83	91	------
21	59.82	59.23	59.99	57.98	58.75	58.86	22.5	23	29.2	30.8	27.2	25.6	31.2	22	96	84	70	68	72	80	------
22	58.31	58.74	59.35	57.70	58.44	59.44	25	24.5	31	30.5	27.5	24.7	32.6	23.7	83	86	67	72	87	87	------
23	58.54	58.44	59.43	57.14	57.57	58.91	24.4	23.2	29.5	30.5	27.7	25.5	31.1	23	87	91	75	68	83	92	------
24	58.76	59.36	59.97	58.63	58.45	59.75	25	24.2	29.5	30.5	28.5	24.4	31.8	23.7	92	94	75	65	70	90	------
25	59.82	59.87	61.72	59.22	59.33	59.64	24.7	25	28.5	30.2	27	23.5	32.2	23.4	76	72	70	64	77	87	------
26	59.26	60.12	60.87	58.68	58.91	59.61	23.2	22.3	28.5	29.2	25	23	30.5	21.2	90	90	60	57	77	89	------
27	59.20	59.99	61.07	58.52	58.19	59.11	22.5	21.2	27.5	29	25.8	21.5	30.2	20.9	79	84	56	52	73	78	------
28	59.06	59.96	61.34	59.45	59.74	60.84	20.8	20.3	28.8	29	25	22.5	32.3	19.8	82	83	53	53	74	78	------
Mean	61	61.27	62.35	60.14	60.33	61.28	23.6	22.7	29.2	29.7	26.6	24.2	31.3	21.8	80	82.5	61.8	62.9	75	82.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	2	Calm	----	ENE	2	NW	2	ENE	3	NE	4	2	Ci.	S.-Cu.	0	------	Fr.-Cu.
2	ENE	2	ENE	1	ENE	3	NNW	2	Calm	----	Calm	----	4	Ci.	S.-Cu.	4	Ci.	Fr.-Cu.
3	Calm	----	Calm	----	NNW	1	NNW	2	NW	1	SSE	1	0	------	------	1	Ci.	Cu.
4	ENE	1	ESE	1	E	1	NW	2	N	1	N	1	0	------	------	2	Ci.	Fr.-Cu. NNW
5	ESE	1	ESE	1	WSW	1	NW	2	N	1	NNE	1	0	Ci.	S.-Cu.	5	Ci.	Cu. NW
6	E	1	ESE	0	Calm	----	NNW	2	N	2	NNW	1	1	Ci.	------	2	Ci.	Cu.
7	ESE	1	Calm	----	WNW	1	NNW	2	ESE	2	E	2	4	A.-Cu. SW	Cu. SE	7	A.-Cu. SSW	Cu.
8	NE	1	Calm	----	WNW	1	WNW	2	Calm	----	Calm	----	1	Ci.	S.-Cu.	2	A.-Cu.	Cu. NW
9	SSE	1	Calm	----	SSE	1	SSW	2	NNW	1	NNE	1	7	------	S.-Cu. SW	6	A.-Cu. SW	Cu.
10	NNE	1	NNE	1	N	2	NNE	3	N	2	NNW	1	5	A.-Cu. SSW	S.-Cu.	1	Ci.	Cu.
11	NNW	2	NNE	2	NE	2	NNE	3	NNE	2	NE	2	6	A.-Cu.	S.-Cu.	1	------	Fr.-Cu. SE
12	NE	2	ENE	3	ENE	3	N	2	Calm	----	Calm	----	6	------	S.-Cu.	2	A.-Cu. SSW	Fr.-Cu.
13	E	1	ESE	1	N	0	NNE	3	N	1	Calm	----	1	------	S.-Cu.	1	------	Cu.
14	ESE	0	ESE	1	SW	0	NW	2	NNW	1	Calm	----	1	------	Cu.	1	------	Cu.
15	ESE	0	ESE	0	N	1	NNW	3	N	3	N	2	1	Ci.	Cu.	6	Ci. SSW	Cu.
16	N	1	NNE	1	WNW	1	NNW	2	Calm	----	ENE	1	1	Ci.	Cu.	0	------	------
17	E	1	ESE	1	WNW	1	WNW	2	Calm	----	Calm	----	0	------	------	1	------	Fr.-Cu. NW
18	SSE	1	ESE	1	ESE	1	NNW	2	N	2	NNE	0	4	A.-Cu. NNE	S.-Cu. NE	0	------	Fr.-Cu.
19	Calm	----	ESE	0	Calm	----	NNW	2	N	2	N	1	0	------	------	1	Ci.	Cu. NW
20	NE	1	Calm	----	NNW	0	N	3	N	2	Calm	----	1	------	S.-Cu.	8	Ci. SW	Cu.
21	Calm	----	ESE	1	SSE	1	NW	2	Calm	----	ESE	1	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. NNW
22	ESE	1	SE	1	WSW	1	WSW	2	NNE	2	NNE	1	2	A.-Cu. SW	------	1	------	Cu.
23	S	1	Calm	----	SSW	2	SSW	2	W	1	Calm	----	3	A.-Cu. SW	Cu.	1	------	Cu.
24	S	1	E	0	WSW	1	NNW	2	WSW	0	Calm	----	1	------	Cu.	8	------	Cu. NW
25	Calm	----	SE	1	NNW	1	WSW	2	N	2	NNE	0	1	Ci.	S.-Cu.	2	------	Cu. WNW
26	NNE	0	NNE	1	NNE	2	NNE	3	NNE	4	NNE	2	9	A.-Cu.	S.-Cu. NNE	1	------	Cu.
27	NNE	2	NNE	2	NNE	2	NNE	3	N	2	NNE	1	0	------	S.-Cu.	1	------	Cu.
28	NNE	1	NNE	0	NNW	1	NNE	3	NNE	4	NNE	1	0	------	S.-Cu.	1	Ci.	Cu.
Mean	------	0.9	------	0.7	------	1.2	------	2.3	------	1.5	------	0.9	2.2	------	------	2.5	------	------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.56	61.29	62.84	60.37	60.11	61.64	20.8	20.5	28.5	28.9	25.2	23	30.3	20	82	84	54	55	74	72	------
2	61.22	61.59	62.53	59.59	58.94	60.06	20.4	20.4	28.3	30	27.7	27.3	31.7	19.9	81	75	58	54	64	60	------
3	59.86	60.54	61.72	58.99	58.82	60.07	23.8	22.8	30.4	31.5	28	24.8	33	22.5	81	84	54	48	68	69	------
4	60.26	60.13	60.93	58.26	58.79	59.82	23.6	22.6	31.1	30.5	27.2	27.7	33.5	22.4	74	75	48	54	74	57	------
5	59.26	59.86	61.22	58.37	58.97	59.61	27.3	26.6	29.7	31.2	27.2	25	32.7	24.7	61	65	61	57	77	76	------
6	59.39	60.26	60.80	58.54	58.29	59.66	24	23.5	30	31	27.5	25.5	32.1	23.1	81	85	63	60	79	78	------
7	58.44	59.01	59.97	57.72	57.69	59.61	25.5	24.9	29.3	29.8	27.7	25	31.1	24.7	74	78	69	68	76	85	------
8	57.97	58.30	58.74	56.38	56.72	57.60	24	23.5	29.6	30	27.3	24.5	32.3	23	87	93	64	68	81	92	------
9	57.29	57.51	58.02	56.46	56.51	57.48	23.6	24	30.4	30	27.4	25.7	32.1	23.5	91	91	64	69	85	94	------
10	57.42	57.84	58.99	56.85	57.27	58.09	24.8	23	32	32	28.8	26.2	33.5	22.9	97	96	60	60	77	94	------
11	58.52	59.02	59.45	57.68	58.27	58.82	26.5	26.6	31.3	31.5	28	25.8	32.9	24.6	90	80	68	65	74	85	------
12	58.81	59.50	60.07	58.05	57.74	58.55	25	24.3	30.7	31.2	26.5	23	32.7	22.8	88	91	64	66	80	92	------
13	58.56	59.10	59.73	57.16	57.64	59.54	22	21.7	29.8	32.3	27.2	24	33	21.2	95	96	56	54	79	92	------
14	58.90	59.86	60.52	57.87	57.94	60.19	23	22	29.2	30.5	26.5	24.5	32.2	21.3	95	94	64	62	78	87	------
15	58.67	59.37	60.34	58.31	58.60	58.75	26	25.8	31	31	27	25.5	33.5	24.2	69	72	59	62	80	81	------
16	58.53	59.09	59.48	58.12	58.63	59.16	25	24.5	30.6	32	28	25	33.3	24.2	80	79	61	58	79	89	------
17	58.96	59.60	59.58	57.21	57.69	59.60	24.4	24	30.5	30.5	27.8	26	31.8	23.3	85	86	66	63	79	86	------
18	58.81	59.35	60.42	57.98	57.97	59.46	24.7	23.8	30.1	32	27.8	25.5	33.2	23.2	91	91	65	50	77	88	------
19	58.84	59.10	59.52	57.91	58.23	59.35	24	23.3	31.7	31.3	28	26.5	33.2	23.2	90	90	55	65	79	86	------
20	58.70	59.72	60.81	58.44	58.43	58.95	25	24.3	30.5	31.9	28	25.2	32.8	24.1	88	91	66	64	74	90	------
21	58.71	58.59	59.27	57.39	56.99	57.94	24	24	31.6	31.8	28	26	33.7	23.4	87	87	52	60	77	85	------
22	57.40	58.30	59.60	57.21	57.24	58.14	24.4	25.3	31.5	32.8	28.5	25.9	34.3	24	87	83	66	58	78	87	------
23	57.45	58.01	58.67	57.04	57.37	59.11	24.2	24.1	32	31.2	28.5	24.8	33.9	22.7	87	80	52	60	70	84	------
24	58.95	59.59	61.04	59.33	59.55	60.74	24.4	23	30.3	31.2	27.5	24.5	33	21.9	78	79	64	56	76	87	------
25	60.52	61.20	61.83	59.44	58.78	60.04	23.3	24	29.5	28.8	27.2	24	30.8	23	89	87	68	71	78	85	------
26	59.35	60.11	61.26	58.79	59.12	60.37	23.3	22.7	30.3	32	28.6	27.3	33.5	22.5	84	87	63	55	64	68	------
27	60.19	60.89	61.93	59.37	59.89	60.89	25.5	25.3	31	31.6	27.4	24.5	32.6	24.2	78	77	64	62	76	79	------
28	60.54	61.62	62.26	60.04	59.40	60.64	25	23.5	31.5	31	27.2	25	33.2	23.4	80	85	65	69	84	92	------
29	60.13	61.24	61.99	59.77	59.71	60.59	24	23	32	31	27.2	25.1	32.8	22.8	94	97	63	65	83	95	------
30	60	60.33	61.37	59.41	59.27	59.95	23	23.5	30	30.5	28	26.6	32.1	22.8	97	91	73	70	84	87	------
31	60.23	60.59	61.46	59.56	59.98	61.02	26.2	25.6	30.9	30.6	28.1	25.2	32.5	24.9	84	83	64	68	77	90	------
Mean	59.11	59.69	60.53	58.31	58.40	59.53	24.2	23.7	30.5	31	27.6	25.3	32.7	23	84.7	84.9	61.7	61.2	76.8	83.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NE	NNE	NNE	NNE	N	29	70.3	186.8	95.6	381.7	1	Ci.	S.-Cu.	1	------	Cu. NNE
2	NNE	NNE	NNE	NNW	N	N	55	81.3	154	42.8	333.1	1	------	S.	1	------	Cu.
3	Calm	Calm	NNW	NNW	N	N	18	48.3	161.1	63.4	290.8	3	Ci.-S.	S.-Cu. SE	4	A.-Cu.	Cu. SE
4	N	Calm	NW	NW	SSE	NNE	24.6	48.9	101.4	55.3	230.2	1	A.-Cu. SSW	S.-Cu.	5	A.-Cu.	Cu. NE
5	ENE	E	NNW	NNW	N	NNE	53.6	65.5	115.7	22.8	257.6	9	Ci.-S.	S.-Cu. NE	7	A.-Cu.	Cu. NE
6	Calm	Calm	NNW	NW	NNW	Calm	10.2	48.9	93.1	21.2	173.4	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
7	S	SE	SSW	SSW	SSW	ENE	40.4	57.7	68.9	21.7	188.7	1	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
8	NE	ESE	NW	NNW	N	Calm	43	46.9	127.9	27.6	245.4	2	Ci.-S.	S.-Cu.	2	------	Cu. NNW
9	Calm	Calm	N	N	N	Calm	16.7	63.1	138.2	23.9	241.9	5	Ci.-S.	S.-Cu. SW	2	Ci.-S.	Cu.
10	Calm	Calm	NNW	NNE	N	NNW	14.3	56.1	123.1	30	223.5	1	Ci.	S.-Cu.	5	A.-Cu. SW	Cu.
11	Calm	Calm	NNE	NNW	NNW	Calm	17.7	44.6	75.3	14.3	151.9	10	A.-Cu.	S.-Cu. NW	2	Ci.	Cu. NW
12	Calm	Calm	WNW	NW	N	NNE	17.5	43.3	134.4	61.2	256.4	3	A.-Cu.	S.-Cu.	4	Ci.	Cu. NW
13	NNE	NNE	ENE	NW	N	NNE	27.1	38.3	71.4	73.4	210.2	2	A.-Cu.	S.	0	------	Cu.
14	NNE	NE	NNE	NNE	N	Calm	51.8	81.1	131	31.4	295.3	2	A.-Cu.	Cu.	1	------	Cu.
15	E	NE	NW	NNW	N	Calm	57.9	44.9	100.4	27.7	230.9	8	Ci.-S.	S.-Cu. SSW	7	Ci.-S.	Cu. NNW
16	SSE	SSE	SW	WNW	N	NNE	30	54.4	78.3	37.3	200	0	------	Cu.	3	------	Cu. NW
17	Calm	ESE	SSW	WSW	W	Calm	7.8	65.8	74.8	8.2	156.6	0	------	S.-Cu.	1	------	Cu.
18	Calm	Calm	S	WSW	N	N	10.8	34.9	72.2	44.5	162.4	7	Ci.-S. SSW	S.-Cu.	6	Ci.-S. SSW	Cu.
19	Calm	Calm	WNW	WNW	N	NNE	5.9	62.6	93.6	35.1	197.2	1	Ci.-S.	S.	2	------	Cu. WNW
20	Calm	Calm	WNW	SW	N	Calm	9.9	53.4	62.3	4.6	130.2	1	------	S.-Cu.	2	------	Cu. SW
21	Calm	ESE	WNW	WNW	N	Calm	16.7	40.8	87.4	17.2	162.1	1	------	S.-Cu.	1	------	Cu.
22	Calm	Calm	NW	WNW	N	Calm	3	36.2	108.9	28.7	176.8	9	Ci.-S.	S.-Cu. SW	1	Ci.-S.	Cu.
23	Calm	ESE	W	NNW	N	NNE	19	46.1	119.3	32.2	216.6	1	Ci.	Cu.	0	------	Cu.
24	Calm	ENE	NNW	NW	N	NNE	19	49.1	100.3	66.5	234.9	1	------	Cu.	0	------	Cu.
25	NNE	NE	NNW	N	N	Calm	59.5	140.5	190.4	54.4	444.8	1	------	S.-Cu.	1	A.-Cu. NE	Cu.
26	Calm	Calm	NW	W	Calm	SE	4	43.5	60.9	38.9	147.3	1	------	S.-Cu. ESE	5	A.-Cu.	Cu. ESE
27	Calm	Calm	NW	NNW	N	Calm	17.5	66.5	108.4	19.5	211.9	5	A.-Cu. NNE	S.-Cu.	1	------	Cu.
28	Calm	ESE	W	NNW	N	Calm	15.6	38.9	126.8	55.8	237.1	2	------	S.-Cu.	1	Ci.-S.	Cu.
29	Calm	Calm	WNW	NNW	NNE	Calm	15.8	46.5	140.8	48.9	252	3	------	S.-Cu.	1	------	Cu. NW
30	Calm	Calm	SSW	SW	NW	Calm	11.8	87.5	63.1	23.1	185.5	0	------	S.-Cu.	6	------	Cu.-N. SW
31	SSE	SSE	SW	WNW	NNW	NE	36.7	51.8	73.7	26.2	188.4	4	------	S.-Cu. S	5	Ci.-S.	Cu. NW
Mean	------	------	------	------	------	------	24.5	56.7	107.9	37.2	226.3	2.9	------	------	2.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,014.8	----	------	------	----	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60	60.14	61.13	58.89	58.97	60.13	25	24.5	30	30.1	27.8	26.5	32.2	24.2	83	83	68	72	81	88	------
2	59.12	59.56	60.47	58.24	58.24	59.31	25.8	24.5	30.5	30.5	27.5	25.2	32.5	23.8	89	96	70	66	76	83	------
3	58.74	59.12	60.01	58.37	58.40	59.31	23	22	30.5	30.6	27	24.6	32.9	21.5	86	87	63	63	80	92	------
4	59.12	59.34	60.08	58.57	58.80	59.97	23	23.6	29.6	30.2	28	26.1	32.1	22.5	83	82	63	70	71	84	------
5	59.56	59.59	60.38	58.46	58.27	59.55	23	23.6	30	30	27.5	25.4	31.6	22.7	91	90	69	71	82	90	------
6	59.15	58.94	59.82	57.59	57.73	58.87	24.9	23.8	29.4	29.7	27.3	25.5	31.8	23.5	92	91	70	73	78	85	------
7	58.15	58.19	59.04	57.62	58.14	59.16	23.9	23	31.6	31.5	28	25.5	33.3	22.7	89	89	60	60	74	83	------
8	58.57	58.70	59.46	57.79	58.17	59.68	24.3	24	31.9	32	28.5	26.6	33.7	23.7	90	86	68	66	74	90	------
9	59.16	58.94	59.41	57.40	57.91	59.67	24.9	24.5	31.5	33.2	29	27.7	34.3	24.3	89	87	66	63	81	90	------
10	58.59	58.79	59.65	57.79	58.29	59.40	25.9	25.5	30	31.2	28.6	27	32.5	25.2	89	88	74	69	82	86	------
11	58.65	58.51	59.79	58.12	58.37	59.54	24.9	25.5	31.2	31.7	28	26.8	32.9	23.8	92	84	73	69	79	87	------
12	58.81	59.08	59.77	58.19	58.69	59.97	25.8	24.5	30.6	32	28.5	26.6	34.2	24.3	91	93	72	66	78	89	------
13	59.10	59.31	60.18	57.84	58.21	59.27	25.2	25	31	31.2	29	27.4	32.8	24.5	91	83	67	69	81	88	------
14	58.17	59.34	60.59	58.30	57.88	59.90	27	26.4	30.7	32.2	29.1	27	33.2	25.3	84	81	73	63	81	84	------
15	58.84	58.81	59.56	57.16	56.73	58.97	25.9	25	31.2	31.7	28.2	26.7	33.8	24.7	85	89	66	63	83	90	------
16	58	58.33	59.39	57.04	57.07	59.25	26	25.6	31.2	31	27.9	26.5	33.1	25	89	87	66	65	83	90	------
17	58.54	53.29	59.44	57.32	57.79	60.02	25.5	25	32.3	33.5	29.5	27.5	33.8	24.5	93	88	52	56	76	82	------
18	58.69	58.98	60.69	57.74	58.97	60.12	26.3	25.4	29.3	30.5	27	26	33.6	25.2	91	88	71	72	71	78	------
19	59.08	59.41	60.66	59.40	58.24	60.42	25.4	25	29.3	28	27.4	27	30.7	24.7	80	83	69	79	79	83	------
20	59.38	59.81	60.82	58.47	59.24	59.93	25.7	25	33	33.2	29.5	27	34.3	24.4	91	92	57	60	71	82	------
21	59.28	59.59	60.12	58.32	58.96	60.02	25.6	25	31	31.5	29.5	26.5	33.2	24.2	85	83	63	61	71	70	------
22	59.06	59.17	60.19	58.90	58.56	59.37	25.7	25	30.5	31.9	29.5	27.3	34.1	24.8	75	81	65	58	66	78	------
23	58.48	58.61	59.08	56.92	57.17	57.80	26.2	25.5	31.7	31.5	30	27.5	32.7	24.7	84	84	63	63	68	82	------
24	57.49	57.39	58.20	56.72	57.09	58.47	25.9	24.7	32.7	32.5	29.5	28	34.2	24.3	87	87	55	62	75	83	------
25	57.57	57.75	58.26	56.78	57.44	58.61	26.2	25.9	32.7	32.2	28	27	34.2	25.5	82	75	49	65	70	86	0.5
26	57.94	58.05	59.07	57.41	57.62	58.48	25.5	25.4	33.5	33	30.5	28.6	34.8	24.9	87	77	45	61	66	77	------
27	57.53	58.55	59.21	57.70	57.50	58.43	26.2	25.4	32.5	33.5	30	28.1	34.9	24.9	86	82	58	54	71	77	------
28	57.57	58.22	58.87	57.13	57.64	58.76	27.8	26.3	31.5	31.7	29.7	28.2	34.6	25.7	65	66	60	60	71	78	------
29	58.23	58.50	58.50	56.42	56.75	57.77	26.9	26.5	33.4	34	30	27.4	34.8	26.2	81	73	44	56	71	76	------
30	57.17	57.82	58.14	56.62	53.57	57.66	26.5	26.3	31.2	33	29.8	27.5	34	26	75	76	61	55	69	77	------
Mean	58.59	58.83	59.67	57.77	57.98	59.26	25.5	24.9	31.2	31.6	28.7	26.8	33.4	24.4	85.8	84.4	63.3	64.3	75.3	83.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNE	NE	WNW	W	NNW	NNW	15.8	39.1	69.2	38	162.1	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NW
2	NNE	Calm	NNW	NNW	NNE	NNW	25.2	90.3	165.4	67.3	348.2	4	A.-Cu.	Cu. NW	1	------	Cu.
3	Calm	Calm	NW	NNW	NNE	NNE	11.8	37.6	150.5	48.3	248.2	1	------	S.-Cu.	5	Ci. SW	Fr.-Cu.
4	Calm	Calm	S	WSW	NNW	Calm	14.5	30.6	64.2	7.2	116.5	3	Ci.-S.	Cu.	1	------	Cu. SW
5	Calm	E	SSW	SW	NW	Calm	7.8	72.7	61.4	3.4	145.3	1	------	Cu.	2	Ci.	Cu. SW
6	Calm	Calm	SW	WSW	NNE	Calm	2.6	32.4	79.1	21.2	135.3	3	Ci.	Cu.	4	Ci.	Cu. SW
7	Calm	Calm	NW	NNW	NNW	NE	3	52.9	91.7	28.5	176.1	1	Ci.	Cu.	1	------	Cu.
8	Calm	Calm	SW	WNW	NNE	Calm	6.4	37.6	96.1	20.3	160.4	2	------	S.-Cu.	2	------	Cu. WNW
9	Calm	ENE	WNW	NW	WNW	NNE	10.7	37.8	65.7	12.4	126.6	3	A.-Cu. E	Cu.	1	------	Cu.
10	ESE	SE	SW	WSW	NNW	NNE	12.6	75.1	80.5	31.6	199.8	4	------	S.-Cu. S	2	------	Cu. NNW
11	Calm	SE	NNW	NW	N	NNE	15.8	62.2	115.3	31.4	224.7	7	A.-Cu. SSW	Cu.	3	------	Cu. WNW
12	Calm	Calm	SW	NW	NNE	NE	2.2	52.3	130.2	41	225.7	1	------	S.-Cu.	2	------	Cu. NW
13	Calm	Calm	SE	SW	NNW	Calm	10.2	72.1	70.8	19.6	172.7	0	------	Cu.	4	Ci.	Cu. SW
14	SE	SE	SSE	SW	NNW	Calm	23	59.8	69.4	12.9	165.1	4	A.-Cu.	Cu. SW	2	Ci.-S.	Cu.
15	Calm	Calm	NNW	NNW	NNE	Calm	1.8	57.6	148.7	35.6	243.7	2	Ci.-S.	Cu.	1	------	Cu.
16	Calm	Calm	NNW	NNW	NNE	NNE	4	78.6	149.9	47.5	280	4	A.-Cu. N	Cu. NNE	2	Ci.-S.	Cu.
17	Calm	Calm	SSW	NW	NNW	Calm	19.6	52.5	92.7	21.7	186.5	1	------	S.-Cu.	2	Ci.-S.	Cu.
18	SE	Calm	SW	NNW	SE	SE	32	28.4	75.4	60.7	196.5	5	Ci.-S.	Cu.	8	A.-Cu.	Cu. NNE
19	ESE	ESE	NNW	WNW	NE	Calm	18	23.5	55.5	28	125	10	A.-Cu. SW	S.-Cu.	10	Ci.-S.	Cu.-N. S
20	Calm	Calm	WNW	NNW	N	Calm	5.3	50.2	91.2	30.3	177	3	A.-Cu.	Cu.	4	Ci.-S.	Cu.-N.
21	ESE	ESE	S	W	NNW	E	23.3	72.4	77.5	34.4	207.6	0	Ci.	------	2	Ci.-S.	Cu. W
22	ESE	ESE	WNW	WNW	NNE	Calm	61.2	56.5	80.2	23.1	221	1	Ci.	------	2	Ci.	Cu.
23	Calm	ESE	SW	SW	WNW	Calm	6.9	77.2	85.6	13.5	183.2	1	Ci.	Cu.	1	------	Cu. SW
24	ESE	Calm	W	WNW	NNW	NE	12.4	46.9	94.4	44	197.7	0	------	Cu.	2	------	Cu. NW
25	NE	SE	WSW	NW	NE	Calm	35.6	50.7	103.5	21.7	211.5	3	Ci.-Cu.	Cu.	3	Ci.-S.	Cu. NW
26	ENE	SE	SSW	WNW	WNW	Calm	45.4	56.3	92.8	13.1	207.6	0	------	Cu.	5	------	Cu. NW
27	Calm	E	NW	NNW	NNW	Calm	16.3	52.5	98.4	18.7	185.9	0	------	Cu.	3	A.-Cu. E	Cu. NNW
28	Calm	Calm	NW	W	NW	Calm	15	40	84.3	10.3	149.6	3	Ci.-S.	Cu.	6	A.-Cu. S	Cu. NW
29	Calm	SE	WNW	NW	N	NE	42.8	52.1	109.7	43.3	247.9	0	------	Cu.	2	------	Cu. N
30	ESE	ESE	SW	WNW	N	Calm	46.1	57.7	76.9	15	195.7	4	A.-Cu. SW	Cu.	3	------	Cu. NW
Mean	------	------	------	------	------	------	18.2	53.5	94.2	28.1	194.1	2.5	------	------	3.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,823.1	------	------	------	------	------	------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.83	57.36	57.76	56.45	56.67	57.64	25.6	24.5	32	33	29.3	27.7	34.8	24.1	81	83	52	55	69	76	------
2	57.42	57.47	58.47	56.95	57.28	58.74	26.1	26	30.4	32	29.8	28	33.9	25.3	80	80	63	53	67	74	------
3	57.94	58.49	59.47	57.92	57.61	58.91	28.6	27	32.2	32.5	30	28.4	34.4	25.8	63	68	53	60	62	70	------
4	57.90	57.99	58.58	56.80	56.84	57.72	27.5	26.5	34.6	32.6	30.5	27.6	35.2	26.3	68	69	43	59	68	76	------
5	56.90	57.09	57.78	55.85	56.31	57.57	26.5	26.2	33.5	33	28.1	26.8	35.1	25.5	80	76	49	58	89	90	7.6
6	56.25	56.40	57.50	55.80	56.72	57.12	26.4	25.5	32.8	34	23.2	24.8	34.9	22.6	86	83	59	57	98	93	39.2
7	55.20	55.34	56.02	54.56	55.65	56.08	25.7	27.2	31	31.5	26.3	27.4	32.7	25	81	66	64	69	85	74	1.8
8	54.95	54.82	54.77	53.95	54.42	55.14	26.7	25.4	32.6	31.5	28.2	27.5	34.6	25	80	87	61	68	74	75	5.1
9	53.15	53.05	52.43	44.90	51.07	55.07	27	24.5	24.7	24	26.1	25.5	27.4	22.6	80	96	83	97	88	95	237.7
10	54.60	55.53	56.80	55.77	56.56	57.66	26	26.3	28	26.8	27.5	26.5	28.7	25.1	94	94	85	98	86	88	58.2
11	57	57.34	58.57	56.90	57.93	59.05	25.6	25.4	28.3	29.2	28	27.4	29.9	24.8	89	87	80	76	81	85	.5
12	58.14	58.49	58.97	57.91	58.63	59.43	26.7	26	29.7	29.5	28.5	27.7	32.2	25.8	89	85	69	75	78	84	------
13	58.10	58.77	59.44	57.69	57.78	58.35	27.7	27	30	30.9	28.3	27	31.7	26.4	84	84	64	64	81	87	------
14	57.53	58.06	58.82	56.83	56.88	58.10	26	26.2	29.8	31.2	28.5	27	31.7	25.6	90	85	73	64	78	87	------
15	56.85	57.99	58.74	57.59	57.12	59.53	26	25.7	29.7	30.8	28.6	27.5	31.8	25.2	89	84	71	67	75	87	------
16	58.45	58.59	59.82	58.81	59.13	60.29	26.3	26.3	29.8	32	28	26.9	32.4	25.5	92	87	71	63	77	80	------
17	59.30	59.35	60.12	58.21	58.83	60.83	26.3	25.8	30.7	31.3	29.1	27	32.2	25.4	82	81	63	68	75	87	------
18	59.50	59.30	59.76	58.68	59.04	60.62	26.2	25.5	31.5	31.9	28.6	27	33.1	24.8	86	84	58	56	77	84	------
19	59.53	59.03	60.03	58.80	58.70	60.03	25.9	26	31.7	31.6	29.8	27.4	32.3	25.4	87	78	58	56	71	81	------
20	58.92	59.09	60	58.37	58.81	59.77	26	25.9	32	32.2	28.5	27.7	33.2	24.7	85	81	59	62	76	80	------
21	58.28	58.05	59.44	58.33	58.93	59.04	25.9	25.5	32	32.3	29.5	26.7	33.5	25.3	83	80	61	66	71	80	------
22	58.25	58.84	58.78	57.47	57.57	58.48	25.6	25.7	30.1	31.3	29.4	27.5	32.2	25	84	81	67	67	76	86	------
23	57.87	57.99	58.31	56.63	57.06	57.77	26.7	26.2	31	31.5	24.4	25.5	32.7	23.6	86	79	67	61	86	81	7.6
24	57.15	57.16	57.83	56.76	56.88	58.34	24.9	25.2	30.1	32	27.8	26.5	32.2	24.8	86	83	69	63	68	76	.3
25	57.60	58.39	59.28	57.66	57.67	59.60	26	25.8	30.2	32.1	29.8	26.8	33.2	25.3	83	88	74	63	74	82	------
26	58.65	58.98	59.71	57.88	57.62	61.24	25.8	25.6	30.7	32.2	29	24	33.1	23.6	84	85	65	65	76	91	4.8
27	59.32	59.21	59.57	58.34	58.43	59.70	25	24.7	28.8	29.2	28.5	25.5	31.7	23.5	88	90	78	81	79	78	------
28	58.45	57.99	58.28	56.80	57.19	58.79	25	25	30.6	31.3	29.7	27.7	33	24.1	82	82	62	63	71	82	------
29	57.87	57.30	57.84	57.37	57.73	59.27	26.7	25.7	32.4	31.5	30	27.1	33.3	25.3	77	82	58	65	68	87	------
30	58.85	58.79	58.87	57.85	58.01	60.42	25.8	26.2	32.3	32	29.9	26.7	33.8	25.4	87	80	62	65	73	89	.3
31	59.20	59.39	59.34	57.98	57.71	59.14	26.1	26	30.5	31.2	29.3	27.5	32.3	25.4	89	85	71	73	74	86	------
Mean	57.61	57.79	58.42	56.83	57.32	58.69	26.2	25.8	30.8	31.2	28.5	26.9	32.7	24.9	83.7	82.4	64.9	66.4	76.5	82.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	363.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NW	WNW	NNE	Calm	6.9	54.1	130.6	35.6	227.2	0	------------	Cu.	2	------------	Cu. WNW
2	Calm	SE	SSE	SW	N	Calm	36.5	69.2	74.3	28.5	208.5	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.
3	ESE	SE	SSW	NW	NNW	N	44.1	66.3	102.4	31.6	244.4	2	A.-Cu.	Cu.	4	------------	Cu. NW
4	Calm	SE	NNE	W	NNW	N	35.1	62.8	75.4	32.5	205.8	1	Ci.	Cu.	2	Ci.-S.	Cu. NW
5	Calm	SE	SSE	NW	Calm	SE	17.9	46.2	71.4	25.9	161.4	0	Ci.	Cu.	6	A.-Cu.	Cu.-N. NW
6	Calm	E	WNW	NWbyN	WNW	Calm	27.1	31.7	68.1	14.7	141.6	3	Ci.	Cu.	7	Ci.-S.	Cu. NNW
7	Calm	ESE	Calm	SSW	Calm	ESE	7.8	32.2	59.3	46.5	145.8	10	Ci.-S.	Cu.-N. E	8	A.-Cu. ESE	Cu. SE
8	Calm	Calm	NNW	WNW	NE	NE	9.1	36.5	61.5	31.1	138.2	5	Ci.-S. S	Cu.	9	A.-Cu.	Cu.-N. SSE
9	NE	NE	ESE	SSE	SW	SSW	18.7	106.7	420.3	213.7	759.4	10	------------	N. SE	10	------------	N. S
10	SW	SW	SW	WSW	Calm	SSE	146.1	93	44.6	23.8	307.5	10	------------	N. SW	10	A.-Cu.	N. WSW
11	SE	SEbyE	SSE	SSW	SSW	SSW	40.8	61.2	85.5	52.6	240.1	4	Ci.-S.	Cu.-N. SE	5	Ci.-S.	Cu. SSW
12	SSE	SE	SSE	SSE	SSW	SSE	36.4	64.7	96.1	48.3	245.5	4	Ci.	Cu. SSE	5	Ci.-S.	Cu. SW
13	SSE	SSE	SSE	SSW	SSE	Calm	53.4	82.1	71.4	20.7	227.6	3	Ci.-S.	Cu. SSE	7	A.-Cu.	Cu. SSW
14	SSE	SE	SSE	SW	SSW	Calm	28.8	71.8	67	13.5	181.1	8	------------	Cu. SW	1	------------	Cu.
15	Calm	Calm	SbyW	SW	SSE	SSW	18	70.6	87.9	23	199.5	1	------------	Cu.	2	Ci.	Cu. SSW
16	Calm	Calm	SSW	SSW	Calm	Calm	17.2	70	64.2	7.4	158.8	3	Ci.	Cu. SSW	3	Ci.-S.	Cu.
17	Calm	ESE	SSW	SW	NW	Calm	19.3	48.1	62.5	13.7	143.6	7	Ci. NNE	Cu.	5	Ci.-S.	Cu. SW
18	NNE	Calm	NNW	NW	NNW	NE	25.9	34.3	74.5	28	162.7	7	Ci.-S. NNE	Cu.	2	Ci.-S.	Cu.
19	Calm	SE	W	SW	Calm	Calm	25.1	37.2	48.6	6.4	117.3	1	Ci.	Cu.	3	Ci.-S.	Cu.
20	Calm	Calm	WNW	NNW	NNE	NE	18.7	46.2	84.5	40.8	190.2	7	Ci.	Cu.	2	Ci.-S.	Cu.
21	Calm	Calm	W	NNW	NbyW	Calm	15.6	37.3	124.5	19.6	197	1	Ci.	Cu.	6	Ci.-S.	Cu. NNW
22	Calm	Calm	SSW	WSW	Calm	Calm	6.7	71.6	59.5	8.2	146	2	Ci.	Cu.	6	Ci.	Cu. SW
23	Calm	ESE	SW	WNW	ESE	E	25.9	60.7	77	33.2	196.8	3	Ci.	Cu.	2	Ci.-S.	Cu.
24	E	ESE	SSW	SW	ESE	ESE	27.4	57.4	62.5	38.4	185.7	1	Ci.	Cu.	3	A.-Cu. ESE	Cu.
25	Calm	Calm	WNW	WNW	NNE	Calm	17.2	24.6	77.9	19.8	139.5	1	Ci.	Cu.	5	Ci.-S.	Cu.-N. NE
26	Calm	Calm	SSW	NNE	NNE	ESE	12.4	46.2	96.9	65.2	220.7	8	Ci.-S. E	Cu.	8	Ci.-S.	Cu. NNE
27	SE	Calm	WNW	WbyN	Calm	NE	28	24.4	29.2	19.5	101.1	1	Ci.	Cu.	9	Ci.-S.	Cu.-N. SW
28	Calm	SE	NNW	SW	Calm	Calm	30.9	24.6	51.7	14	121.2	4	Ci. NNE	Cu.	2	Ci.-S.	Cu.
29	Calm	ESE	SW	WSW	WSW	Calm	14.5	31.6	56.1	4.8	107	0	------------	Cu.	1	------------	Cu. S
30	SE	SE	Calm	WNW	NE	Calm	20.7	39.9	94.3	42.3	197.2	3	Ci.	Cu.	3	------------	Cu.
31	SSE	Calm	SSE	WSW	Calm	Calm	17.5	55	56	2.4	130.9	7	Ci.-S. NE	Cu.	8	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	27.4	53.5	85	32.4	198.4	3.8	------------	------------	4.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,149.3	----	------------	------------	----	------------	------------

NOTE.—From May 9, 12.30 p. m., to May 13, 6 a. m., the thermometers were installed on the flat roof of the station, as the thermometer-shelter had been partly destroyed by a gale.

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.63	58.38	58.77	57.17	57.42	59.09	26.1	26.7	32.4	32.5	29.8	25.6	33.7	24.5	91	83	59	65	79	91	62.7
2	58.17	58.09	58.20	57.27	58.32	58.87	25.8	26	31.6	31.6	25.5	26.3	33.7	25.3	88	85	61	72	94	88	3
3	57.78	57.76	58.14	56.80	56.82	57.42	25.7	25.7	31.6	31.5	29.9	27.5	32.8	25.1	90	86	68	68	74	88	------
4	56.24	56.75	57.79	56.47	56.10	57.61	26.1	26	31.5	32.2	30.1	27.8	33.2	25.5	92	88	63	65	72	86	------
5	53.54	56.24	56.74	55.02	55.62	57.34	27.1	26.4	31.3	31	30	26.5	32.7	25.2	83	81	67	67	72	76	1.3
6	56.21	56.64	57.53	56.24	56.74	57.80	25.8	26.4	29.4	28.7	28.5	26.3	31.5	25.6	81	77	68	83	79	90	------
7	57.01	57.36	57.64	56.31	57.53	57.81	26.1	25	31	31.3	23	24.7	32.7	22.8	89	92	65	65	97	94	36.6
8	57.60	57.49	57.86	56.62	57.16	58.45	24.8	24.7	31	31.1	28.5	26.3	32.3	24.4	91	87	62	67	72	80	------
9	58.14	58.21	57.92	56.80	57.37	59.27	26.1	25.6	31	30.7	25.7	26.3	32.5	24.9	82	84	65	70	88	87	3.8
10	58.10	58.04	57.92	57.72	58.86	60.12	25.7	26.5	30.5	31	23	23.9	31.9	22.5	89	83	67	66	96	94	57.2
11	57.85	57.89	58.82	57.24	57.39	58.34	24.9	24.7	29.2	30.4	29	26.7	31.3	23.4	85	86	75	69	79	79	2
12	57.64	58.16	57.76	56.90	57.18	58.53	25.1	24.8	30.5	31.4	30.5	26.8	32.1	23.9	91	93	66	70	70	80	6.9
13	57.60	57.66	57.72	57.07	57.44	59.39	26.1	24.9	30.6	31.5	29.5	25.3	32	24	81	89	65	72	78	93	11.9
14	57.74	57.60	57.28	56.67	56.69	59.44	24.5	24.7	31	31.8	29.3	24.5	32.7	23.3	94	92	69	62	76	87	46.7
15	58.10	56.84	57.33	56.63	56.72	58.94	23.2	24.2	30.9	30.9	29.3	25.3	31.8	22.9	97	86	67	72	79	93	24.9
16	57.84	56.98	57.87	56.70	57.14	58.82	25.2	25.6	29.8	31	29	25.2	32	24.4	90	84	69	69	81	94	10.2
17	58.14	57.64	58.07	57.05	57.31	59.93	26.3	26	30.3	30.8	29.2	25.3	32	23	87	88	75	72	81	89	79.8
18	58.62	58.12	59.28	58.26	58.34	60.94?	25.5	25.7	30	30.3	29	25.2	32.2	24.9	91	86	74	73	78	92	17.2
19	59.96	59.81	60.61	59.28	59.29	60.43	25.1	25	31	30.8	29	27.7	32.1	24	84	81	65	64	79	78	------
20	59.62	59.76	60.29	58.92	58.89	60.29	25.7	25.2	29.7	30.5	29.2	24.5	31.5	24	85	84	67	76	76	93	4.3
21	58.68	58.35	58.81	58.27	57.76	59.07	25.3	25.4	29.9	30.7	29	26.5	31.5	25	85	83	69	72	78	94	4.3
22	58.61	58.15	58.62	58.24	58.29	59.37	25.8	25.7	29.7	30.8	29	27.2	31.3	24.7	93	90	70	72	79	87	------
23	58.69	59.12	59.54	58.30	58.02	59.31	26.3	26.1	30.3	31	29.5	27.5	31.9	25.5	87	87	73	67	73	83	------
24	58.73	58.87	59.44	58.11	59.14	59.82	26.5	26.5	30.7	31	24.5	25.2	32.7	24.3	87	86	70	70	89	78	1.8
25	59.16	59.31	59.74	58.48	59.77	60.17	25.4	24.9	31.2	32.1	24.7	25	32.6	23.7	77	76	68	69	86	87	2.5
26	59.05	59.14	59.52	58.14	58.24	59.59	25	24.9	29.9	30.8	29.1	26.6	31.7	24.2	88	87	66	68	79	91	------
27	58.62	58.31	58.92	57.85	58.14	59.57	25.7	25.4	30.8	31	29.3	27.3	32	24.8	88	86	60	65	77	82	2
28	58.64	59.22	59.85	58.87	59.25	61.15	25.8	25.5	30.1	30	25	23.7	31.8	23.5	86	95	70	75	93	96	37.6
29	60.22	59.52	60.07	58.56	59.09	60.83	23.7	23.6	29	29.9	25.5	24.8	30.5	23.2	95	90	71	72	94	92	68.4
30	59.12	58.70	59.34	57.41	58.01	59.86	23.1	24.6	29.3	30	29.5	26.2	31.2	22.7	98	86	69	68	76	84	13.5
Mean	58.24	58.14	58.58	57.45	57.80	59.25	25.4	25.4	30.5	30.9	28.1	25.9	32.1	24.2	88.2	86	67.4	69.5	80.8	87.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	498.6

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a.m.			Clouds. 2 p.m.		
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	6 a.m.	Noon.	6 p.m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	W	W	WNW	Calm	23.3	47	63	22.7	156	1	Ci.	Cu.	4	Ci.	Cu. NW
2	SE	SE	Calm	NNW	SSE	SE	30.8	45.1	64.6	33.8	174.3	1	Ci.	Cu.	6	------	Cu. WNW
3	Calm	ESE	WNW	W	NNE	NE	34.3	41.2	55.8	24.1	155.4	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
4	Calm	ESE	SW	NNW	Calm	Calm	21.7	38.9	53.6	4.2	118.4	1	Ci.	Cu.	4	Ci.-S.	Cu. NW
5	SE	SE	SSE	SW	Calm	SE	31.2	57.9	50.1	30	169.2	1	Ci.-S.	Cu.	5	Ci.-S.	Cu. SSW
6	SSE	SE	SSW	SSW	Calm	Calm	41.2	32.4	32	10	115.6	8	A.-Cu.	Cu.-N. S	10	------	N. SSW
7	E	Calm	Calm	WSW	ENE	Calm	17.7	20.7	72.4	20.1	130.9	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N. SW
8	ESE	E	Calm	WNW	ESE	SE	39.6	33	51	45.9	169.5	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
9	ESE	ESE	Calm	SW	SW	SE	31.4	35.9	72.9	24.3	164.5	7	A.-Cu. SE	Cu.	7	Ci.-S.	Cu. SSW
10	SE	SE	SSE	SW	Calm	Calm	32.7	56.8	63.8	17.5	170.8	8	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
11	ESE	ESE	SSE	SSW	Calm	Calm	53.3	29.3	38.6	18.8	140	10	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu. SSW
12	SE	E	SW	SW	Calm	Calm	31.2	62.2	54.5	24.1	172	6	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu.-N. SSW
13	ESE	SE	SSW	SW	Calm	Calm	18.7	52.6	55.5	33.6	160.4	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SSW
14	SE	SE	ENE	SW	WSW	E	51.5	41.3	48.9	54.4	196.1	4	Ci.-S.	Cu.	6	Ci.-S.	Cu. SSW
15	Calm	SE	SSW	SSW	SW	SE	47.8	73.5	78.9	52	252.2	8	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N. SSW
16	Calm	SE	SSW	SSW	Calm	Calm	30.1	48.9	41.2	12.1	132.3	10	Ci.-S.	Cu.-N. SSW	4	Ci.-S.	Cu. SSW
17	E	ESE	SSW	SW	Calm	E	29.3	38	41.6	33.8	142.7	5	A.-Cu. SSW	S.-Cu.	3	Ci.-S.	Cu. SW
18	Calm	ESE	SSW	WSW	Calm	S	30.6	27.7	45.9	30.4	134.6	4	Ci.-S.	Cu.	2	Ci.-S.	Cu.
19	E	ESE	ESE	WSW	Calm	SE	56.3	60	42.8	20.4	179.5	6	A.-Cu. NNE	Cu.	2	Ci.	Cu.
20	Calm	ESE	S	SW	Calm	SE	27.9	61.8	60.4	33.5	183.6	1	Ci.-S.	Cu.	3	Ci.-S.	Cu. SW
21	SE	SE	SSW	SW	SW	E	48	61.5	70.3	23.9	203.7	2	Ci.-S.	Cu.	4	Ci.	Cu.-N. SW
22	E	ESE	SSW	SSW	SSE	SE	40.4	70	80.8	29	220.2	4	Ci.-S.	Cu.-N. SSW	4	Ci.-S.	Cu. SSW
23	SE	SE	SSW	SSE	SSE	SE	30.8	72.9	88.8	33.2	225.7	3	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu. SSW
24	SE	ESE	SSE	WNW	ENE	SE	23	62.5	58.7	56.5	200.7	1	Ci.-S.	Cu.	6	Ci.-S.	Cu. WNW
25	SE	ESE	NNE	NW	SE	E	31.9	45.3	95.8	33.3	206.3	7	A.-S.	S.-Cu.	6	Ci.-S.	Cu. NNE
26	Calm	ESE	SSE	SW	Calm	Calm	19.9	57.7	48.1	4.8	130.5	3	Ci. NNE	Cu.	7	Ci.-S.	Cu. SSW
27	Calm	ESE	SE	SW	SW	Calm	24.1	46.5	49.9	20.1	140.6	1	Ci.-S.	Cu.	3	Ci.-S. NE	Cu.
28	ESE	Calm	SW	WNW	ENE	Calm	46.5	43.3	37	19.1	145.9	2	Ci.-S.	Cu.	9	Ci.-S.	N.
29	SE	SE	SSW	SSW	SW	SSW	31.7	59.5	80.2	61.2	232.6	7	Ci.-S. NE	S.-Cu.	8	Ci.-S.	Cu. SSW
30	SE	ESE	SSE	SW	Calm	W	41	57.4	30.4	34.3	163.1	6	A.-Cu. SE	S.-Cu.	3	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	33.9	49.4	57.6	28.7	169.6	4.3	------	------	5.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,087.3	------	------	------	------	------	------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 meters; gravity correction not applied, —1.61 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.12	57.71	58.47	57.38	58.26	59.69	24.9	25.7	31.4	32.5	29.8	26.8	33.2	24.8	92	80	62	62	69	82	------
2	58.95	58.39	59.62	58.45	58.55	59.55	25.7	25	30.5	31.7	25.5	25.5	32.7	24.8	84	83	64	65	78	96	5.1
3	59.19	59.41	59.71	58.36	58.27	59.77	24.9	24.8	30.7	31.5	29	27.2	32.3	24.3	92	85	72	71	80	94	------
4	58.83	58.69	58.44	57.65	57.82	58.50	26.6	26	31.8	31.3	27.5	26	33.4	25.3	92	85	62	64	81	84	1
5	57.77	57.78	58.78	57.33	56.53	57.77	25.5	25.7	30.2	31	28	27	32.6	24.3	88	82	68	69	90	90	11.9
6	56.95	56.99	57.46	57.19	56.91	58.85	25.5	25.2	30.3	30	28	27	32.2	25	96	94	70	78	81	92	------
7	58.12	57.05	56.79	56.63	57.03	59.18	25.7	25.6	31.6	31.5	29.5	26.5	33.2	25.1	94	87	62	69	78	94	2.3
8	58.34	57.16	57.46	56.70	57.32	58.07	26.2	25.2	31.1	31.2	28.7	26	32.7	25.1	91	92	72	69	84	90	------
9	57.45	57.53	57.74	56.42	56.34	57.57	25.9	25.7	29.2	30.3	28.7	27.2	31.4	25.3	88	84	73	70	80	88	19.3
10	57.31	56.60	57.27	56.13	57.04	56.95	23.5	25	29.7	30	24.2	25	31.1	23	97	92	75	75	96	88	9.4
11	56.80	56.67	56.87	55.84	56.37	59.19	24.8	24.7	30	31	28	23.2	31.5	22.8	88	86	67	71	82	97	31.8
12	57.44	57.61	57.99	57.11	57.93	58.83	24.2	24.1	29	30	25	24.8	30.7	24	91	92	74	74	92	91	13.2
13	58.20	58.17	58.04	57.24	57.27	58.12	24.8	24.8	30.4	30.9	27.4	26	31.8	24.2	87	86	70	72	87	88	1.5
14	57.02	56.19	56.39	55.14	54.94	55.29	25.3	25	30	31	27	25.6	31.7	24.3	91	91	76	72	92	93	1.3
15	53.50	53.05	53.04	51	50.76	52.34	24.7	24.7	30.3	32.5	30	27.3	33.3	24.3	94	92	76	62	75	84	------
16	51.39	51.44	51.82	50.46	50.32	52.34	25.7	25.5	30.8	26	29.5	27.3	31.7	25.3	94	94	76	92	78	90	43.4
17	52.03	52.77	53.96	52.99	52.64	54.11	26.2	24.5	24	27.4	25	25	28.4	23.4	90	98	100	87	96	92	173.3
18	53.47	53.78	54.64	52.90	53.14	55.12	24.6	23.9	27	29.1	27.6	24.1	29.5	22.6	97	97	86	81	82	95	51.3
19	53.67	53.30	53.81	53.39	53.27	54.58	25	25.5	29	26.2	25.5	25	29.7	24.5	93	89	78	92	94	94	86
20	53.50	54.42	55.08	54.01	54.42	55.61	25.8	25.7	27.8	28	27.5	27.3	29.2	23.2	89	97	76	79	79	82	5.1
21	54.59	54.66	55.54	55.19	54.97	55.20	27.2	26.3	28.7	25.3	26.6	26	29.8	23.8	79	86	78	92	81	84	9.2
22	54.47	55.06	55.14	53.34	53.47	54.33	25	24.2	26.6	29	26.5	24.7	29.4	23.1	92	91	90	76	85	94	24.4
23	53.03	52.78	53.10	51.28	51.08	52.61	24.2	24	28.7	28.8	26	24.7	29.7	23.5	94	93	76	79	94	96	24.1
24	51.78	51.41	52.04	51.49	51.65	52.80	24.5	24.2	28.3	29	27.3	26.7	29.8	23.8	97	93	72	73	78	81	1
25	52.24	52.81	54.20	53.82	53.91	54.80	26	26	28.8	27.3	27.3	26.2	29.8	25.2	85	88	73	90	77	83	7.2
26	54.61	55.68	56.15	55.64	55.89	57.39	28	26.7	29	30.3	28.7	27.5	30.7	25.2	74	80	74	73	76	77	------
27	55.98	56.03	57.13	55.34	55.53	55.80	26.2	26.3	28.3	28.5	27.5	26	30.5	25.4	86	80	75	78	81	85	9.1
28	54.56	54.36	54.21	52.02	51.19	49.98	25.5	24	26.5	27	26	25.2	27.6	23.7	88	97	86	85	94	90	478.9
29	45.79	42.73	40.66	38.67	39.83	43.70	25.3	27	27	25.8	25	25	27.4	24.4	100	94	90	93	100	96	222.7
30	46.48	48.69	50.32	50.70	51.32	52.86	25.1	25.2	25.5	26.5	26.3	25.5	27.5	22.4	95	93	92	88	90	93	95
31	52.92	53.76	54.53	54.61	54.71	56.24	25	25.7	27	27.5	27.2	26.5	30.9	24.6	97	90	88	86	86	88	5.7
Mean	54.98	54.93	55.37	54.34	54.47	55.71	25.4	25.2	29	29.3	27.3	25.9	30.8	24.2	90.8	89.4	75.9	77	84.4	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,333.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	ESE	E	WNW	NNW	Calm	47.7	37	63.4	21.2	169.3	4	A.-Cu. SW	Cu.	2	Ci.	Cu.
2	ESE	ESE	WNW	NW	ESE	ESE	25.5	32	56.8	43.3	157.6	4	Ci. NNE	S.-Cu.	3	Ci.-S.	Cu.-N.
3	ESE	ESE	Calm	NNW	NNE	Calm	36	29.5	70.8	15.3	151.6	2	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N.
4	ESE	ESE	Calm	WSW	Calm	ESE	32.5	41.2	45.1	30	148.8	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
5	SE	Calm	SSE	SW	Calm	Calm	29.6	60.6	41.3	16.9	148.4	1	Ci.	Cu.	4	Ci.-S.	Cu. NE
6	SE	SE	SSW	SSW	ESE	Calm	28.4	60.9	51.7	33.5	174.5	9	A.-Cu.	S.-Cu. SE	7	Ci.-S.	Cu.-N. SSW
7	Calm	E	NE	WNW	W	Calm	37	58.4	57.4	22.2	175	0	Ci.	S.-Cu.	8	A.-Cu.	Cu. NNE
8	ESE	Calm	Calm	WNW	Calm	Calm	32	28.8	45.1	10.8	116.7	4	Ci.	Cu.	4	Ci.-S.	Cu. SW
9	ESE	SE	SSE	SW	SSW	Calm	41.3	68.1	54.1	15.1	178.6	5	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
10	SE	SE	SSW	SSW	SE	SE	38.6	56.9	73.4	34.4	203.3	4	Ci.-S. NE	Cu.	10	Ci.-S.	Cu.-N. SSW
11	SE	E	SE	SW	Calm	Calm	52.8	50.5	57.3	25.2	185.8	4	Ci.-S. NE	Cu.	7	Ci.-S.	Cu. SW
12	Calm	E	SSE	SW	SE	SE	26.9	60.2	------	50.9	------	8	Ci.-S. NE	S.-Cu.	7	Ci.-S.	Cu.-N. SW
13	SE	SE	SE	SW	Calm	Calm	51	41.3	43.3	14	149.6	3	Ci.	Cu.	8	Ci.-S.	Cu. SSW
14	Calm	Calm	NNW	NW	Calm	ESE	8.3	32.7	54.7	15.9	111.6	1	Ci.	Cu.	9	Ci.-S.	Cu.-N. NNW
15	Calm	Calm	N by W	WNW	SSE	SSW	16.9	21.7	35.1	23.8	97.5	4	Ci. S	Cu.	7	Ci.-S. S	Cu.
16	Calm	E by S	WNW	NE	Calm	SSE	11	26.4	20.6	36.2	94.2	9	Ci.	S.-Cu. NE	9	Ci.-S.	N. NE
17	SSE	SE	SSW	SSW	SSE	SSE	46.7	45.4	71.3	64.6	228	10	------------	N. SE	10	Ci.-S.	Cu.-N. SW
18	SE	SSW	SSE	SSW	SSW	SSE	67.1	97.1	110.8	53.1	328.1	10	------------	N. SSW	9	Ci.-S.	Cu. SSW
19	SSE	SSE	SSE	SSE	SSE	SE	73	101.1	79.5	69.7	323.3	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SSW
20	SSE	SSW	SSE	SSE	SSE	SSE	94.1	132.8	166.7	128.5	522.1	10	Ci.-S.	N. S	10	Ci.-S.	Cu.-N. SSW
21	SSE	SSE	SSE	SSW	SSE	SE	117	92.2	81	54.9	345.1	10	A.-Cu.	S.-Cu. SSW	10	Ci.-S.	N. SSW
22	SSE	SW	SSE	SW	SW	SE	58.1	74.5	82.1	31.2	245.9	10	------------	N. SSW	8	A.-Cu.	Cu. SSW
23	SE	ESE	SSE	SSW	SSE	SSE	34.6	65.4	67.1	43.8	210.9	3	A.-Cu.	Cu.-N. S	4	Ci.-S.	Cu. SSW
24	SSE	Calm	SSE	SSW	SSW	SSE	37.5	81	154.3	91.7	364.5	3	Ci. NE	S.-Cu.	9	A.-Cu.	Cu. SSW
25	SE	SSE	SSE	SSW	SSE	SE	54.2	113.7	126.3	59.8	354	10	A.-Cu.	Cu.-N. S	10	A.-Cu. S	N. SSW
26	SSE	SSE	SSE	SSE	SSW	SE	93.3	94.4	97.6	66.8	352.1	10	Ci.-S.	Cu.-N. SSW	7	Ci.-Cu. SSW	Cu. S
27	Calm	SSE	SSE	SW	SSE	SSE	19.3	32	43	15	109.3	10	A.-Cu. SW	Cu. SSW	9	A.-Cu. WSW	Cu. SW
28	Calm	NNE	SE	Calm	Calm	SW	9.2	------	------	------	------	10	------------	N. NNE	10	Ci.-S.	N. NNW
29	WNW	NNW	N by E	W	SW	SSW	87.4	103	------	------	------	10	------------	N. NNW	10	------------	N. W
30	SW	SSW	SSE	SSE	SSE	SSE	------	------	------	------	------	10	------------	N. SW	10	Ci.-S.	Cu.-N. SSW
31	SSE	SSE	SSE	SSE	SE	SE	------	------	------	------	------	10	------------	N. SSW	9	A.-Cu.	Cu.-N. SSW
Mean	------	------	------	------	------	------	45.1	62.1	71.1	40.3	217.1	6.4	------------	------------	7.7	------------	------------

VIGAN.[a]

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 14.7 [b] meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.12	55.16	55.65	54.60	54.98	56.20	26.2	25.5	28.4	29	27.4	27	30.8	24.7	84	88	76	76	85	86	-----
2	55.40	55.59	56.55	55.64	56.01	57.24	25.6	25	27.8	29.8	27.1	26	31	24.5	87	89	76	75	81	84	0.5
3	56.77	56.24	57.19	56.15	56.05	56.65	25.5	24.5	28.5	30	26.7	25.8	31	24.2	89	83	70	65	79	83	-----
4	55.99	56.24	56.81	55.74	55.41	56.12	24.8	24.3	27.5	29.5	26.3	25.4	30.5	24.2	89	89	81	73	82	92	9.4
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	55.60	55.01	55.18	53.04	51.94	51.40	25.7	24.5	28.4	28.9	25.8	27.5	30.1	24.5	98	93	78	78	98	85	63
16	47.91	45.18	46.01	47.76	50.48	54.23	26.6	27	26.3	24	23.4	25.8	27.3	22.3	87	86	90	97	97	72	123.4
17	54.09	55.62	58.11	58.04	58.42	59.11	24	23.3	28.7	29.5	27.8	26.2	32.1	23.2	86	89	76	75	88	90	-----
18	58.70	59.24	60.07	58.81	58.33	59.62	26.1	24.6	29.5	29.7	28.3	26.5	30.3	24.3	85	96	79	84	85	98	-----
19	58.23	57.10	57.30	55.62	55.64	56.50	25.4	23.9	28.5	30.2	26.2	25.7	32.7	23.7	95	91	72	65	90	94	7.1
20	55.67	55.29	56.04	55.22	56.67	56.71	25.1	24.8	28.2	29	23.4	24	31.7	23.2	95	94	76	78	92	94	5.4
21	55.50	55.94	57.15	55.77	55.67	57.14	23.9	24	27.5	29.5	28.3	26.6	31.8	23.5	96	97	78	72	78	92	2.8
22	56.15	55.65	56.73	55.10	55.62	56.34	26.1	25.5	28.2	29	28.3	26.4	31.7	25.3	94	95	81	76	82	93	19.6
23	55.51	55.57	56.44	55.09	55.32	56.89	25.5	25.7	28.3	29.5	28.9	26.4	31.3	25.2	91	86	78	78	78	89	11.7
24	56.75	56.04	56.83	55.72	56.39	58.13	25.9	24.7	28.4	29.1	28.5	26.7	32.5	24.5	89	94	77	78	80	92	9.9
25	57.30	57.24	58.03	57.08	57.53	58.43	25.3	25.2	29.2	29.8	28.3	26	30.7	25	92	94	73	77	80	88	8.9
26	57.33	56.95	57.65	55.45	54.90	55.74	25.5	24.6	28.3	30	28.5	27	31.1	24	86	92	75	73	80	88	-----
27	54.47	53.98	54.40	52.65	52	52.70	26	24.6	28.9	30	28.5	27	31.3	24.5	94	95	76	75	84	90	.5
28	52.90	52.50	53.68	51.95	53.05	55.22	27	25.8	29.5	29.7	27.6	26	30.9	25.5	90	93	76	77	89	96	14.8
29	54.51	55.67	56.80	55.63	55.66	57.40	26.2	25.7	29.4	30	28.5	26.2	31.3	25.2	93	96	76	75	83	89	.3
30	56.92	57.11	58.03	56.69	57.03	59.17	26.4	26	28.1	31.3	28.5	24.7	31.3	24.4	90	88	82	68	80	96	30.3
31	58.20	57.60	58.84	56.73	56.52	58	25.6	25.3	28.9	29.4	27	25.9	31.5	24.6	95	89	76	75	84	94	2
Mean	55.67	55.47	56.36	55.17	55.41	56.62	25.6	25	28.4	29.4	27.3	26.1	31.1	24.3	90.7	91.3	77.2	75.7	84.5	89.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[c] 309.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SSE	2	SSW	2	SE	1	SSE	2	8	A.-Cu.	S.-Cu. S	7	Ci.-S.	Cu. SSW
2	SE	2	SSE	1	SE	1	SSE	2	SSW	2	SSE	2	10	A.-Cu.	S.-Cu. SSE	9	A.-Cu. SSE	Cu.-N. ssw
3	Calm	----	SSE	1	SSE	2	SSE	2	SSE	1	SSE	1	4	A.-Cu.	S.-Cu. ssw	8	A.-Cu.	Cu.
4	SE	1	SE	1	SSE	1	SSW	2	SSE	1	Calm	----	8	A.-Cu.	S.-Cu. ssw	7	A.-Cu.	Cu.
5	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
6	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
7	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
8	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
9	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
10	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
11	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
12	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
13	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
14	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
15	Calm	----	Calm	----	NW	1	NW	1	NNW	2	NW	2	4	Ci.	Cu.	10	Ci.-S.	Cu.-N. N
16	NW	3	NNW	4	WSW	3	SSW	6	SSE	4	SSE	2	10	-----	N. NNW	10	-----	N. SSW
17	SE	2	Calm	----	SSE	1	SSW	2	Calm	----	NNE	1	10	A.-Cu.	S.-Cu. ssw	10	A.-Cu.	Cu. SE
18	SW	1	Calm	----	WNW	1	WNW	2	NNW	1	Calm	----	5	Ci.-S.	Cu.	8	Ci.	Cu. WNW
19	Calm	----	Calm	----	WNW	0	W	1	SSE	1	Calm	----	1	Ci.	S.-Cu.	7	Ci.	Cu.
20	ESE	1	ESE	1	SW	1	SW	1	SSE	2	NE	0	4	Ci.	Cu.	7	Ci.-S.	Cu. SW
21	Calm	----	Calm	----	SSW	1	SW	1	SSW	0	Calm	----	8	Ci.	S.-Cu. SW	2	Ci.-S.	Fr.-Cu. sw
22	Calm	----	Calm	----	S	1	SSW	2	SW	1	SW	0	7	Ci.	S.-Cu. ssw	3	Ci.-S.	Cu.
23	SSW	0	SSE	1	SSW	1	SSW	2	SSW	1	SE	2	8	A.-Cu.	N. SSW	7	A.-Cu.	Fr.-Cu. ssw
24	SE	1	ESE	0	SSW	1	SW	1	SW	0	Calm	----	2	Ci.-S.	Cu.	8	Ci.-S.	Fr.-Cu. sw
25	Calm	----	ESE	0	Calm	----	SSW	2	SSW	1	SE	1	8	A.-Cu.	Cu. SE	8	Ci.-S.	Cu. SSW
26	ESE	1	ESE	1	SSW	1	SW	1	Calm	----	ESE	0	1	-----	S.-Cu.	7	Ci.-S.	Fr.-Cu. ssw
27	Calm	----	Calm	----	NW	1	NW	2	NNW	2	ENE	1	2	-----	S.-Cu.	8	-----	Cu. NW
28	S	1	SE	0	NNW	1	NW	2	W	1	SW	1	3	Ci.-S.	Cu. SE	7	-----	Cu. NNW
29	ENE	0	WSW	1	SW	1	SSW	2	Calm	----	Calm	----	8	A.-Cu.	Cu.-N. SW	9	Ci.-S.	Cu.-N. sw
30	Calm	----	Calm	----	SSE	1	SW	1	SW	1	SW	1	10	Ci.-S.	Cu.-N. SW	4	Ci.	Cu. SSW
31	Calm	----	ESE	1	SW	1	SW	1	NE	1	Calm	----	10	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
Mean	-----	0.6	-----	0.6	-----	1.1	-----	1.8	-----	1.1	-----	0.8	6.2	-----	-----	7.4	-----	-----

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[a] This station was temporarily closed from August 5 to 14.
[b] Beginning with August 25, 11.30 a. m., the height of the barometer above sea level was 12.2 meters.
[c] 21 days of observation.

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.95	56.41	56.88	54.63	54.28	55.27	24.9	24.7	28	29.6	26.4	25.7	30.3	24.5	95	96	83	79	91	89	0.8
2	53.92	53.29	54.10	52.50	51.65	52.73	24.5	24.5	28.7	30.3	28.2	25.8	31.4	24.2	95	92	76	76	81	90	65
3	51.52	49.70	48.59	46.25	45.53	45.30	24.8	24.3	25	24.4	27	26	27.7	23.7	98	97	98	99	90	97	393.3
4	43.55	43.21	44.66	46.33	48.65	50.44	26	25.1	24.3	24	24.6	24.8	27	23.2	98	92	93	93	92	92	358.1
5	50.39	51.39	53.39	53.41	54.44	56.51	24.3	25.7	25.9	27	26.4	25.5	27.5	23.4	97	90	93	86	91	93	72.5
6	56.01	56.10	57.35	56.43	57.12	58.32	26	26	27.9	30	26.3	25.9	30.2	25	88	84	82	77	84	83	.3
7	57.40	57.45	58.57	57.18	57.60	58.08	24.9	25.5	28.1	28.4	25.5	25.5	29.6	24	92	91	84	80	96	93	11.2
8	57.28	57.34	57.86	56.11	55.82	56.50	24.9	24.8	26	27.7	26.3	26.6	28.3	24.2	97	95	94	89	95	95	33.2
9	55.92	55.57	56.01	54.41	54.30	54.58	26	26.7	27.5	28	27.1	27	28.7	24.4	96	82	91	88	91	94	70.3
10	52.90	53.24	53.94	52.44	51.31	51.92	26.2	23.5	24.8	23.7	24.2	25.2	27.2	22.7	97	98	93	96	93	88	37.1
11	50.67	50.57	52.69	52.42	52.89	55.86	25.2	26	24.5	26.4	27.5	26	27.5	23.9	86	82	94	87	77	78	13.8
12	54.64	55.11	57.08	56.63	57.50	59.12	25	25.8	29	29	27.8	26.4	30.3	24.5	79	86	74	79	86	90	------
13	58.60	59.11	59.80	58.48	58.94	60.70	25.5	25.2	29.5	30.7	28.5	27	31.7	24.6	89	90	78	72	86	90	------
14	59.80	59.71	60.20	58.70	58.44	59.26	25.8	24.7	28.9	29.7	27.8	25.9	31	24.7	93	94	80	76	88	95	8.1
15	58.25	57.88	58.41	56.14	55.75	56.20	25.3	26.4	27.8	27.3	27.2	24	28.2	23.7	95	92	86	87	88	96	73.7
16	53.68	53	54.88	53.63	54.76	55.82	25.8	25	23.6	24.5	23.5	24	26.7	22.5	98	98	99	97	99	99	345.5
17	55.41	56.17	57.05	56.20	56.76	58.28	24.5	25.2	27.3	27.3	26.7	26.7	28	23.3?	96	92	85	81	86	88	1.1
18	57.85	57.17	57.99	57.63	58.40	59.46	26.2	24.9	29.5	29.9	27.5	26.5	30.7	23.8	91	89	77	77	90	88	------
19	58.53	59.22	59.88	58.89	59.36	60.46	25.7	24.4	31	30.8	28.3	25.7	31.8	24.1	88	94	70	70	82	90	------
20	59	58.96	59.63	57.93	58	59.20	24.6	24.5	29.7	29.6	27.5	26.4	30	23.7	94	91	77	78	82	90	------
21	57.78	57.42	57.60	56.35	56.98	58.15	25.1	24.5	30.5	30.3	29.4	26.1	31.7	24.3	92	93	73	74	79	85	------
22	57.58	57.72	58.83	57.38	58.33	59.76	25.6	24.5	31	30.6	28	27.5	32.2	24.1	86	90	59	70	85	88	------
23	59.08	59.46	60.28	58.29	58.93	60.09	26.4	25.1	29.8	29.7	28.5	27	32.8	24.8	94	92	76	77	85	90	------
24	58.93	59.26	60.23	58.57	58.59	59.55	25.8	24.7	29.7	30.6	28.4	27.4	32.5	24.5	87	92	76	72	82	87	------
25	58.76	59.02	60.20	57.90	58.39	59.56	26.2	25.2	30	30.7	27.2	25.7	81.4	24.8	90	90	80	74	86	90	7.1
26	58.62	58.82	59.53	57.94	58.82	59.98	25	24.7	30.5	31	27	26.1	31.2	24.4	88	88	75	73	80	82	------
27	59.20	59.34	60.90	59.15	59.49	60.63	25.3	24.4	81	30.3	29.2	26	32.5	24.3	86	88	71	78	82	86	------
28	58.90	58.77	59.93	58.30	58.75	60.40	25	24.5	29.1	31	29.8	26.7	31.8	24.1	94	93	78	77	84	92	------
29	59.36	59.01	59.68	57.75	57.29	59.09	25.4	24.7	30.6	30.4	29.3	27.4	31.8	24.4	94	92	76	76	83	88	------
30	58.26	57.93	58.84	57.50	57.83	58.72	26.5	25	30.2	30.7	28.4	26.3	32.3	24.8	90	90	82	78	79	90	------
Mean	56.29	56.24	57.17	55.85	56.16	57.33	25.4	25	28.3	28.8	27.3	26.1	30.1	24.1	92.1	91.1	81.8	80.5	86.4	89.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,491.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NW	NNW	NNE	Calm	17.5	31.4	73.8	19.9	142.6	9	A.-Cu.	Cu.-N. NNE	9	Ci.-S.	Cu. NNW
2	ESE	Calm	SSW	WNW	Calm	NE	17.5	41.8	49.9	36	145.2	8	A.-Cu.	S.-Cu.	7	Ci. NE	Cu. NW
3	NNW	SSW	ENE	NNE	NNW	NW	27.4	45.4	142.4	154.8	370	10	------------	N. NNW	10	------------	N. NNW
4	WNW	WSW	SW	SW	SSW	SSW	207	327.7	191.5	103.5	829.7	10	------------	N. WSW	10	------------	N. swbys
5	SSW	SSW	SSW	SSW	SSW	S	68.7	48.9	46.1	22	185.7	10	------------	N. SSW	10	Ci.-S.	Cu.-N. SSW
6	SSW	SSW	S	SSW	SW	SW	------	------	------	------	------	10	A.-Cu.	Cu.-N. SW	10	A.-Cu.	Cu. SSW
7	SW	SW	SSW	SSW	Calm	SSW	------	------	------	------	------	10	A.-Cu.	Cu.-N. SW	10	A.-Cu.	Cu.-N. SSW
8	SW	SSW	S	SW	SW	WSW	------	------	------	------	------	10	------------	N. SSW	10	Ci.-S.	Cu.-N. SW
9	SW	WSW	WSW	WSW	WSW	WSW	------	------	------	------	------	10	------------	N. SW	10	A.-Cu.	Cu.-N. WSW
10	SW	Calm	S	SW	SW	SSW	------	------	------	------	------	10	------------	N. WSW	10	------------	N. WSW
11	S	SSW	S	S	SSW	S	------	------	------	------	------	10	A.-Cu.	S.-Cu. SSW	10	A.-Cu. SW	Cu.-N. SSW
12	S	SSW	SW	SW	SW	Calm	------	------	------	------	------	10	Ci.-S.	Cu.-N. SSW	9	A.-Cu.	Cu. SW
13	Calm	Calm	SW	SW	Calm	Calm	------	------	------	------	------	1	Ci.	Cu.	3	Ci.-S.	Cu. SW
14	W	W	W	WNW	WNW	NW	------	------	------	------	------	8	A.-Cu. WNW	Cu.-N. W	8	Ci.-S.	Cu.-N. NW
15	Calm	NW	NW	NW	NW	N	20.3	98.7	111	99.8	329.8	10	------------	Cu.-N. NW	10	Ci.-S.	Cu.-N. NW
16	wbys	wbys	wbyN	SW	WSW	SW	145.6	179.4	104.8	98.8	528.6	10	------------	N. WbyN	10	------------	N. WSW
17	SSW	SSW	SSW	S	SSW	SSW	113	116.9	115.3	57.7	402.9	10	------------	N.	10	A.-Cu. SW	Cu.-N. SSW
18	SW	SSW	SW	SSW	SW	Calm	41.3	63.9	63.6	24.6	193.4	9	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	Cu. SSW
19	Calm	Calm	WSW	WSW	Calm	Calm	16.6	27.7	46.9	7.8	99	8	Ci.	Cu.	7	A.-Cu. SSW	Cu.
20	ESE	ESE	NNW	NNW	NNW	NW	14.5	44	106.5	27.1	192.1	1	------------	Cu.	7	------------	Cu. NNW
21	Calm	SSW	WNW	WSW	Calm	SSW	14.3	30.6	56.6	31.6	133.1	3	Ci.	Cu.	4	Ci.-S.	Cu. SSW
22	ESE	SSW	WSW	WNW	NW	Calm	33.3	35.6	56.8	9.4	135.1	1	------------	Cu.	1	Ci.-S.	Cu.
23	SW	Calm	NW	WNW	NNW	Calm	13.5	34.9	85.8	21.4	155.6	0	------------	Cu.	7	Ci.-S.	Cu. WNW
24	Calm	Calm	WNW	WNW	NW	SE	33.2	28.4	67.3	22.3	151.2	0	------------	Cu.	7	Ci.	Cu. WNW
25	Calm	ESE	NW	NW	NW	S	23.1	47.2	70.5	30.6	171.4	2	Ci.	Cu.	4	Ci.-S.	Cu. NW
26	ESE	SSW	NW	WSW	SE	SE	43.1	43	45.1	43.7	174.9	6	Ci.	Cu.	5	Ci.-S.	Cu. WNW
27	SE	SSW	NW	WNW	Calm	SSE	26	32.2	61.2	24.4	143.8	2	A.-Cu.	Cu.	3	Ci.-S.	Cu. NW
28	Calm	SE	SSW	SW	Calm	Calm	17.1	55.3	51.2	7.4	131	0	------------	Cu.	4	Ci.-S.	Cu. SSW
29	Calm	Calm	NW	NW	NW	SE	13.7	35.2	71.3	23.5	143.7	0	------------	Cu.	1	Ci.-S.	Cu. NW
30	ESE	ESE	WNW	WNW	Calm	Calm	30.8	39.2	77.9	11.5	159.4	4	Ci.	Cu.	4	Ci.-S.	Cu. WNW
Mean	------	------	------	------	------	------	44.6	67	80.7	41.8	234.2	6.4	------------	------------	7.3	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.77	58.16	59.43	57.54	57.44	58.60	26.3	24.7	29.6	31.3	29	27.5	32.4	24.4	86	92	75	66	81	91	------
2	57.87	57.87	58.69	56.88	57.03	58.37	26.3	25.5	30.7	29.8	28.5	26.7	32.3	24.7	87	85	72	73	83	89	------
3	57.35	57.57	58.45	57.10	57.68	58.47	26	25.1	32.2	30.5	29	26.8	33.5	24.3	92	88	60	72	78	83	------
4	58.08	58.30	59.73	57.99	58.25	59.77	25.6	25.1	30.1	30.2	28.5	25.1	31.2	24.6	86	84	74	71	81	92	8.6
5	58.20	58.46	59.20	57.27	57.77	59.17	24.7	24.5	29.7	30.2	29.4	26.5	31.2	24.1	93	93	72	72	76	81	------
6	57.90	58.22	58.73	56.98	57.66	59.05	25.1	23.9	31.2	30	27.6	26.3	32.6	23.6	83	88	61	76	85	90	------
7	58	58.49	59.60	57.88	58.03	59.52	25.7	24.2	31.7	30	28	26.7	32	24.1	91	92	72	80	88	90	------
8	58.75	59.07	59.57	56.95	57.93	58.80	25.5	24.3	31	30.2	29	26.8	32.6	24.1	90	92	69	85	87	91	------
9	57.32	57.54	57.93	55.77	56.10	57.30	26.4	24.4	30.3	29.7	29.4	26.9	31.5	24.1	94	98	72	76	84	93	------
10	56.41	56.56	57.10	54.56	54.87	56.25	25.8	24.9	29.7	31.5	29.5	27.7	32.4	24.7	93	94	85	65	80	76	------
11	55.40	55.50	55.58	53.57	53.95	54.86	24.8	24.7	29.7	31.5	29.2	26	32.3	24.2	92	91	71	61	65	86	------
12	54.12	53.91	54.70	52.90	52.65	53.29	25.3	24.8	29.8	31.5	26.8	25.2	32.3	24.2	89	89	74	69	95	97	7.4
13	51.85	51.34	51.45	49.29	49.82	51.57	24.7	24.1	28.2	30	26.4	24.6	31.2	23.7	94	95	83	82	93	92	3.3
14	50.92	51.01	51.95	50.45	51.52	52.93	23.6	23.1	27.5	28.5	25.5	24.3	28.9	23	99	100	84	85	93	98	12.5
15	52.58	53.64	55.77	54.38	55.53	57.37	25	24	26.7	27.7	25.5	24.5	28.6	23.7	98	99	92	94	96	100	9.7
16	56.86	57.89	58.98	57.12	58.22	59.54	23.9	23.5	25.8	27.6	25	22.7	28.4	22.1	98	100	92	81	94	97	4.1
17	58.67	58.90	59.67	57.59	58.37	59.87	22.2	20.5	27.7	29.1	26.7	24.5	29.3	20.3	94	100	81	65	74	81	------
18	59.29	59.44	60.38	58.25	58.85	60.05	24.4	23.5	29.5	29.6	27.3	25	30.6	23.2	78	81	71	75	87	95	------
19	59.24	59.84	60.93	59.04	59.51	60.16	24.7	24	30.1	29.5	27.6	26.7	32	23.8	92	88	71	75	82	85	------
20	59.81	60.10	61.08	59.43	60.10	61.13	25.5	25.2	29.8	30.2	27.5	25.8	30.5	24.8	90	90	77	78	88	91	------
21	60.11	60.45	60.89	58.69	58.83	59.57	24.2	23.9	29.5	29.7	27.2	26.3	31.5	23.4	97	94	79	79	94	90	------
22	59.18	59.74	60.04	57.47	57.91	59.33	24.8	23.7	30.2	30	27.4	25	31.3	23.4	94	98	79	78	87	87	------
23	58.68	59.32	59.83	57.37	58.42	60.11	23.8	23	29.3	31.5	27.2	25.2	32.1	22.8	91	93	75	59	66	74	------
24	59.44	59.78	60.80	58.80	59.74	61.20	22.3	23.8	28.5	29.7	26	22.6	30.2	21.9	88	74	67	60	82	89	------
25	60.45	61.21	62.09	59.38	59.67	61.46	21.4	20.2	29.7	29.6	25.7	22.1	29.9	20.1	89	89	60	65	75	82	------
26	60.45	60.90	61.38	58.29	58.56	60.10	22.3	21	28.7	28.7	25.7	22.7	29.7	20.2	76	80	67	78	84	91	------
27	59.62	60.45	61.26	58.62	59.25	60.84	21.2	21.7	27.5	30	26	23	30.3	19.8	95	90	73	71	75	89	------
28	60.45	60.95	61.79	59.54	60.05	61.54	21.8	21.3	28.8	29.5	26.2	24.2	30.4	21.1	91	95	69	69	86	93	------
29	60.81	61.37	62.04	60.12	60.28	61.16	23	22	29.6	29	26.8	25	30.3	21.5	90	93	60	64	80	82	------
30	60.57	61.03	61.72	59.15	59.19	60.03	23.1	21.5	30.7	29.5	26.2	25.9	31.9	20.7	88	93	63	70	85	85	------
31	59.34	59.73	61.08	59.20	59.45	60.75	23.3	24	29.9	30.1	28	26.5	31.2	22.8	93	89	73	71	85	93	------
Mean	57.92	58.28	59.09	57.02	57.50	58.78	24.3	23.6	29.5	29.9	27.3	25.3	31.1	23	90.7	91.2	73.3	73.1	83.5	88.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	45.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	Calm	NW	WNW	NW	Calm	25.7	34.8	65	17.1	142.6	1	Ci.	Cu.	3	------------	Cu. WNW
2	Calm	SE	W	NW	NNW	Calm	18	34.4	70.2	21.9	144.5	1	Ci.-S.	Cu.	5	Ci.-S. NE	Cu. WNW
3	W	SE	WSW	WNW	Calm	ESE	19.9	31.9	53.3	23.5	128.6	1	Ci.-S.	Cu.	6	Ci.-S.	Cu. WNW
4	SSE	SSE	SW	WNW	Calm	E	27.4	27.4	60.4	26.4	141.6	4	A.-Cu. NE	Cu.	7	Ci.-S. SW	Cu. WNW
5	Calm	Calm	W	NW	WNW	SE	11.6	26.6	54.4	40.5	133.1	8	A.-Cu.	S.-Cu. ENE	7	Ci.-S.	Cu.
6	ESE	Calm	W	WNW	Calm	NW	25.2	34.1	70.3	18.8	148.4	1	Ci.-S.	Cu.	7	------------	Cu. NW
7	ENE	ENE	NNW	WNW	NW	SW	32.8	33.2	83.5	15.9	165.4	1	------------	Cu.	4	------------	Cu. NW
8	ESE	EbyS	NNE	NW	Calm	SW	27.2	36.8	69.8	19.3	153.2	1	------------	Cu.	4	------------	Cu. NW
9	SW	Calm	NW	NW	Calm	SW	21.1	40.2	59.8	23.6	144.7	3	Ci.	Cu.	8	Ci.-S.	Cu. NNW
10	ESE	Calm	NW	WNW	Calm	SSW	27.7	38.6	55.3	18.5	140.1	6	Ci.-S.	Cu.	8	Ci.-S. SE	Cu. NW
11	Calm	Calm	NNW	NNW	ENE	NNW	7.7	33.3	61.8	32	134.8	10	Ci.-S. E	Cu. NNW	10	A.-Cu. NNW	Cu. NW
12	Calm	Calm	WSW	NNW	WNW	Calm	11.8	23.5	31.9	26.2	93.4	10	A.-Cu. NE	S.-Cu. NNE	10	A.-Cu.	Cu.-N. NNE
13	Calm	NNW	NNW	NNW	NNW	NbyE	31.7	52.5	106.5	86.7	277.4	10	A.-Cu.	N. ENE	10	A.-Cu.	Cu.-N. NE
14	NNW	NbyW	NNW	NNW	NNW	NNW	51.7	69.5	127.4	46.1	294.7	10	A.-Cu.	N. NbyE	10	A.-Cu. N	Cu.-N. N
15	NNW	NNW	NNW	NNW	NW	NW	44.5	63.3	96.4	56.5	260.7	9	A.-Cu.	Cu.-N. N	9	A.-Cu.	Cu.-N. NNW
16	Calm	NNW	NNW	NNW	NW	NNW	19.8	93.3	141.3	51.2	305.6	10	------------	N. NNW	7	A.-Cu. SW	Cu.
17	NNW	Calm	NNW	WNW	Calm	SSW	29.2	22.5	38.6	25.1	115.4	0	------------	Cu.	1	------------	Cu.
18	SE	ESE	SE	SW	Calm	Calm	37.6	51.5	43.5	9.9	142.5	7	A.-Cu. SW	S.-Cu. SSW	7	A.-Cu.	Cu. SSW
19	Calm	Calm	ESE	NW	Calm	Calm	26.8	35.6	66.5	18.3	147.2	8	------------	S.-Cu. SSW	6	A.-Cu.	Cu.
20	SE	Calm	NW	NW	NW	SE	36	30.4	75.9	25.2	167.5	10	------------	S.-Cu. SW	3	Ci.-S.	Cu. NW
21	Calm	ESE	NW	NW	NW	Calm	16.6	41.2	83.2	15.5	156.5	0	------------	Cu.	1	------------	Cu.
22	ESE	ESE	W	NNW	NNW	NNW	18.2	38.4	105.9	54.5	217	1	Ci.	Cu.	7	Ci.-S.	Cu. NNW
23	NNW	NNW	NW	ENE	ENE	ENE	53.4	53.6	88.8	84.3	280.1	7	A.-Cu. NW	S.-Cu.	6	A.-Cu. WSW	------------
24	NNW	NNE	NW	NNW	NNW	Calm	54.5	62	99.6	16.6	232.7	0	Ci.	------------	1	Ci.	Fr.-Cu.
25	Calm	Calm	NNE	NNW	NNW	Calm	11.3	36.5	95.5	33.3	176.6	1	Ci.	Cu.	1	Ci.	Cu.
26	Calm	Calm	Calm	NNW	NNW	NNW	18.2	33.5	144	46.4	242.1	2	Ci.	------------	2	Ci.	Fr.-Cu.
27	Calm	Calm	NNW	NNW	NNW	N	15	63.4	124.5	50.4	253.3	1	A.-Cu.	Cu.	4	A.-Cu. ESE	Cu. SE
28	NNW	Calm	NNW	NW	NNW	Calm	24.3	41	92.5	6.6	164.4	4	Ci.	Cu. SE	2	Ci.	Cu.
29	Calm	Calm	NNW	NW	Calm	Calm	10.7	29.6	65	15	120.3	1	Ci.	Cu.	1	------------	Cu.
30	Calm	Calm	SW	NW	Calm	W	11.5	38.4	53.4	20.4	123.7	0	------------	Cu.	3	Ci.-S.	Cu. NW
31	Calm	SE	NNE	WNW	Calm	Calm	20.1	36.4	48.1	6.4	111	0	------------	S.-Cu.	2	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	25.4	41.5	78.5	30.7	176.1	4.1	------------	------------	5.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,459	----	------------	------------	----	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.88	60.05	60.65	58.64	59.62	60.06	24.8	24	31.5	30.7	25.5	25.2	32.4	24	98	100	65	75	91	92	------
2	59.87	59.98	60.63	59.19	60.03	61.08	24.9	24	30	30	27.7	26.2	31	23.9	93	91	74	73	87	92	------
3	60.15	60.36	60.68	58.89	59.72	61.31	24.7	24	29.5	31.7	28.5	26.5	31.7	23.7	95	96	78	74	85	94	------
4	60.15	60.55	60.80	58.78	59.78	60.60	25.9	24.9	30	30.5	28.3	26.9	31.7	24.3	92	92	76	82	88	96	------
5	59.45	60.07	61.12	59.47	60.13	61.65	25.2	24.5	29.7	30.5	28.3	25.2	31.2	24.1	98	98	84	80	88	100	1.6
6	60.05	60.35	60.58	59.35	59.83	60.92	24.9	24.5	31.1	28.5	27.6	25.2	32.3	23.9	99	96	74	88	91	99	------
7	60.24	60.81	61.35	59.32	59.54	60.98	24.2	24.2	31.1	30.8	27.8	26.6	31.7	23.7	98	97	73	80	93	97	------
8	60.21	60.76	61.12	59.63	60.42	61.44	25.2	25.3	31.2	31.7	28.8	26.5	32.8	24.2	99	99	79	74	87	96	------
9	60.44	60.82	61.30	59.04	59.69	61.56	24.5	23	31.5	31	28.2	26	33.1	22.7	97	91	77	74	83	96	------
10	60.25	60.41	60.48	57.98	59.05	60.59	24.7	23.7	30.9	31.8	28.5	26.5	34.7	23	95	96	54	59	83	70	------
11	60.01	60.46	61.20	58.51	59.59	61.13	24.3	23.9	30.5	31.6	28	25.7	32.5	23.2	78	77	63	54	77	88	------
12	60.31	61.05	61.40	59.43	59.88	61.11	25.8	23.4	30.7	30.2	27.5	25.3	31.7	23.3	87	90	64	70	84	98	------
13	60.30	61.24	61.90	59.62	60.11	60.71	27	24.8	30.8	30.1	27	25.3	31.6	24	77	80	67	74	88	85	------
14	60.34	61.02	61.84	59.42	59.95	61.66	24.5	25.5	29.3	32	27.8	23.7	32.4	23.5	68	56	51	43	55	65	------
15	60.46	60.94	62.45	60.43	61.33	62.71	25.8	22.4	29.3	30.2	26.5	22.7	33.2	21.9	64	77	63	68	83	89	------
16	62.03	61.95	62.45	60.32	60.70	62.16	21.9	21.9	28.4	28.8	25.9	22.9	29.8	20.9	92	89	66	68	85	88	------
17	61.25	61.30	61.89	59.75	60.14	61.42	21.7	20.5	28.3	29	26	23.1	29.8	20.1	96	98	63	65	82	90	------
18	61.45	62.03	62.83	60.93	61.33	62.40	22.1	21	28.2	29.4	26.2	24.5	30.7	19.9	95	96	70	61	82	81	------
19	61.75	61.96	62.75	60.83	61.68	62.50	22.9	22.4	30.5	30.5	28	26.2	31.7	21.8	90	94	69	66	88	88	------
20	61.80	62.15	63.18	61.39	61.40	62.30	24.2	23.7	30.2	31	29	26.1	31.9	22.9	93	93	70	74	80	91	------
21	61.55	61.72	62.50	59.95	60.59	61.18	24.1	25.3	30.5	29.5	26.5	25	31.7	23.5	97	77	66	83	94	96	------
22	60.94	61.20	61.73	59.42	60.02	61.59	23.8	23	30	29.7	28.7	26.4	30.9	22.3	93	94	68	75	62	70	------
23	61.51	61.98	62.64	60.77	61.22	62.91	27	24	30.8	31	28.7	27.3	33.1	23	68	79	69	67	59	60	------
24	61.60	61.99	63.17	61.38	61.88	62.83	26.8	25.5	30	31	26.8	26.2	32.5	24.5	57	61	53	49	58	56	------
25	62.41	62.50	63.33	60.12	60.89	61.85	24.2	24.5	29.2	29.7	26.7	27	32	24.1	66	65	55	64	67	59	------
26	60.40	60.47	61.06	58.90	59.20	60.14	23.5	22.5	29.2	28.5	27.2	23.7	31.5	22.1	79	84	62	63	79	89	------
27	59.06	58.42	59.03	56.88	57.14	58.93	22	21.5	30.4	30	27.4	25.8	32.5	21.2	93	97	68	77	91	93	------
28	58.43	58.87	60.08	58.25	59.07	59.99	26	24.7	28.5	29.7	26.5	24.7	29.9	23.8	86	95	85	83	86	92	------
29	59.47	59.79	60.58	58.41	58.86	60.12	23.8	23.7	29.2	29.6	27	25.5	31	23.2	92	91	78	72	90	96	------
30	59.74	60.14	60.80	58.85	59.67	60.35	23.2	22.5	28	29	26.4	23.7	29.5	22.1	96	97	79	76	89	90	------
Mean	60.52	60.84	61.52	59.46	60.08	61.27	24.5	23.6	30	30.3	27.4	25.4	31.8	23	87.7	88.2	68.4	70.4	81.8	86.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ESE	Calm	NW	SE	Calm	21.7	27.4	70.8	16.9	136.8	7	A.-Cu.	S.-Cu. ESE	4	A.-Cu.	Cu. NNE
2	Calm	SE	ESE	NW	NW	NW	22.8	37	69	22.5	151.3	4	Ci.	S.-Cu.	6	A.-Cu. SW	Cu. NW
3	Calm	ENE	NW	WNW	Calm	Calm	13.5	40.8	48	8.5	110.8	1	Ci.	Cu.	7	------	Cu. WNW
4	ESE	ESE	NW	NW	Calm	Calm	20.4	38	73.2	4.5	136.1	1	Ci.	Cu.	2	Ci.-S.	Cu. NNW
5	Calm	Calm	NW	W	NW	ESE	9.2	43.8	66.5	17.9	137.4	1	Ci.	Cu.	7	------	Cu. NW
6	Calm	Calm	NW	SW	Calm	Calm	11.8	33.3	33.6	6.6	85.3	2	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
7	Calm	Calm	NNW	NW	NW	SW	11.5	35.1	83.5	17.1	147.2	0	------	Cu.	1	Ci.-S.	Fr.-Cu.
8	Calm	NNW	W	WSW	Calm	Calm	15.3	32.8	48.8	4.8	101.7	1	Ci.	------	7	------	Cu.-N. SW
9	NNE	Calm	Calm	WNW	Calm	Calm	20.4	32.5	57.3	7.7	117.9	0	------	Cu.	5	Ci.-S.	Cu. W
10	Calm	Calm	NE	WNW	Calm	Calm	8	62.2	49.1	20.1	139.4	0	------	Cu.	0	Ci.	------
11	Calm	EbyS	NNW	WNW	Calm	NW	13.2	40.5	55	21.1	129.8	0	Ci.	------	0	Ci.	------
12	SSE	Calm	NbyW	NW	Calm	Calm	29.5	42.6	56.3	8.7	137.1	1	------	Cu.	2	------	Cu.
13	NNW	NE	NNW	NW	NW	Calm	27.9	39.2	85.3	17.7	170.1	7	A.-Cu.	S.-Cu. NW	0	Ci.-S.	Cu. NW
14	NE	NE	NE	NE	NE	NNE	56.1	104.6	80.8	40.8	282.3	2	Ci.	Cu.	0	Ci.	Cu.
15	NE	N	WNW	NE	Calm	NNE	69.7	33.6	50.7	44.9	198.9	1	Ci.	Cu.	7	Ci.	Cu. NE
16	NNE	NNE	NNW	WNW	NNW	NNW	28.5	51	74.5	56	210	2	Ci.	Cu.	7	------	Cu. E
17	NNW	Calm	NbyW	N	N	N	32.2	35.6	121.7	45.9	235.4	0	Ci.	Fr.-Cu.	0	------	Fr.-Cu.
18	Calm	Calm	NW	WNW	Calm	Calm	10.7	29.2	47.7	13.5	101.1	0	------	Cu.	0	------	Fr.-Cu.
19	Calm	Calm	WNW	NW	Calm	NNE	12.1	37.6	73.8	28.5	152	0	------	Fr.-Cu.	0	------	Fr.-Cu.
20	Calm	Calm	NW	W	Calm	Calm	9.5	32.2	45.4	14.2	101.3	0	------	------	3	Ci.-S.	Cu.
21	Calm	Calm	NNW	NNW	NbyW	N	12.7	65	151.1	83.1	311.9	0	------	Cu.	1	Ci.-S.	Fr.-Cu. NNE
22	N	NNE	N	NNW	NE	NNW	53.4	77.7	119.6	65	315.7	0	------	S.-Cu.	0	------	Fr.-Cu.
23	NE	Calm	NNW	NNW	NNE	NNE	42.3	35.7	67.1	85.5	230.6	0	------	------	0	------	Fr.-Cu. NE
24	NE	N	NE	NE	NE	NE	98.7	94.3	76.1	112.5	381.6	0	------	------	0	------	Fr.-Cu. NE
25	NE	NE	NNE	NNW	N	NNE	66.3	79.9	89.6	43.5	279.3	1	------	Fr.-Cu. NE	1	------	Cu. NE
26	NNE	Calm	NNE	NW	Calm	Calm	50.1	32.7	56.3	9.7	148.8	0	------	Fr.-Cu.	1	------	Cu. NW
27	SSE	Calm	NW	SW	SW	Calm	13.9	21.5	60.7	19.6	115.7	2	------	S.-Cu.	8	Ci.-S.	Cu. ENE
28	SE	Calm	N	W	Calm	Calm	19.1	18.2	37.5	15.6	90.4	10	------	Cu.-N. NE	10	A.-Cu.	Cu. ENE
29	Calm	SE	NW	WNW	Calm	Calm	16.6	35.2	61.5	8.5	121.8	4	A.-Cu. E	S.-Cu.	1	------	Cu. NW
30	NNW	NNW	NNW	NNW	NW	NNW	54.2	112	157.5	55.3	379	0	------	Cu.	1	------	Cu. NNW
Mean	------	------	------	------	------	------	29	46.7	72.3	30.5	178.6	1.6	------	------	3	------	------
Total	------	------	------	------	------	------	------	------	------	------	5,356.7	------	------	------	------	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.81	60.68	61.45	59.28	59.40	60.20	22.2	21	28.5	28	25	23	29.7	20.7	96	97	74	79	94	97	------
2	59.73	60.77	61.74	59.46	59.62	60.55	21.3	21.3	29.5	28.7	26	23.7	30.6	20.5	98	93	68	74	94	97	------
3	60.45	61.22	62.30	60.75	61.63	62.47	22.5	22.3	29.7	29	25.5	24.4	30.7	21.2	97	96	74	78	96	95	0.6
4	62.34	63.57	64.10	62.45	63.50	64.52	23.4	22.4	26	26.2	24	23	28.1	22	97	100	83	88	83	83	.5
5	63.56	63.85	64	61.44	62.30	63.50	22.5	22.2	25.5	27.5	27	26.5	28.7	21.8	84	84	74	68	53	57	------
6	62.45	63.05	63.63	60.78	61.70	62.61	23.9	21.2	27.2	28.9	26.5	27	29.7	20.8	70	84	72	69	74	64	------
7	62.15	62.24	63.19	60.49	61.05	62.05	22.9	22.6	27.4	28.1	24.5	23.7	28.3	22.4	86	86	68	70	85	82	------
8	61.06	61.15	61.80	59.49	60.45	61.31	22.4	21.5	28.9	29.5	27.3	27	31	21.2	86	91	60	58	73	54	------
9	60.87	61.02	61.75	59.68	60.63	61.74	24	23	29.7	31.2	27.5	26.5	32.6	22	72	76	53	55	72	53	------
10	61.10	61.20	62.02	59.64	60.55	61.90	25.6	23.4	31.2	30.7	27	25.1	32.2	22.5	58	68	47	63	78	83	------
11	60.52	60.45	61.13	59.58	60.19	60.70	24.3	22.4	29.8	28.4	26.5	26	29.8	21.7	83	86	69	72	77	84	------
12	59.81	60.10	61.05	58.40	59.57	60.07	23.5	22.5	30.1	29.2	27.3	25.3	31	22.1	88	90	65	74	82	89	------
13	59.64	59.99	61.25	59.23	59.83	60.95	23.5	22.7	29.7	30.5	27.5	26.3	30.9	22.3	91	93	68	72	84	90	------
14	59.65	59.47	59.92	57.93	59.14	60.15	24.9	25	32	31.7	27.5	27.5	33.2	24.3	92	76	49	56	79	54	------
15	59.45	59.36	60.20	58.42	59.37	60.15	23.7	23	31.4	30.5	26.5	25	32.4	21.3	71	79	52	58	82	86	------
16	59.86	60.24	60.83	59.10	60.10	61.15	25.2	24.2	30.2	30.2	27.3	25.5	32.2	24	84	89	66	71	78	92	------
17	60.64	61.15	61.29	58.98	60.24	61.45	25	23.2	28.8	33	27.8	26.6	33.5	23.2	92	90	65	47	56	58	------
18	60.35	60.80	61.62	59.58	60.53	62.03	24.3	26	29.8	31.9	27.5	27	32.6	23.8	69	58	46	45	54	53	------
19	61.45	61.80	62.27	60.25	61.12	62.43	24.4	25.7	30.6	29.5	27.5	26.1	31.5	24.3	66	59	48	60	73	63	------
20	61.76	62.42	62.99	60.40	60.83	62.28	25.4	23.7	30	28.5	26.6	25.7	30.8	22.9	65	73	56	65	79	81	------
21	61.26	61.07	62.09	60.08	60.96	61.58	25.6	24.8	29.2	29	26.5	24.2	31	24.1	78	79	68	76	86	94	------
22	60.35	60.50	60.89	58.59	59.06	60.24	23	22.1	29.7	28.5	25.7	23.6	31.2	21.8	93	89	57	73	84	92	------
23	59.84	60.19	61.45	58.58	59.55	60.82	23.6	23.1	28	29	26.2	23.8	30.5	22.7	90	86	68	66	75	77	------
24	60.45	60.38	61.19	58.49	58.92	60.40	22.5	22.7	28.5	29	26	23.8	30	21.9	80	82	64	66	79	88	------
25	59.85	59.51	61.03	58.60	58.97	59.76	22.4	23.9	30	29.9	27	25.2	31	22.2	91	84	57	67	82	88	------
26	59.34	59.52	60.98	59.13	59.66	61.26	23.5	23.3	31	28.6	24.5	23.5	31.7	22.3	91	84	62	77	83	75	------
27	60.45	60.61	61.61	60.14	60.76	61.65	20.9	21.2	26.7	24.7	21.5	21	27.8	20.2	93	86	64	73	98	99	2.3
28	60.82	61.01	61.62	59.81	60.39	61.80	21.2	19.5	27	28	25.3	23	28.3	18.9	96	95	68	65	74	83	------
29	61.83	62.10	63.15	60.98	62.40	63.55	22.3	20.3	28.7	28.8	26.2	23.7	29.4	19.4	85	91	55	55	73	84	------
30	63.31	63.84	65.04	62.83	63.43	64.82	21.7	23.7	27.3	28.7	26.2	24.6	30.2	21.6	88	73	68	61	82	71	------
31	64.44	64.78	65.26	62.95	64.46	65.98	23.4	22.5	27	28.2	24.2	22.8	30.4	21.8	73	74	59	56	74	76	------
Mean	60.92	61.23	62.03	59.86	60.66	61.74	23.4	22.8	29	29.1	26.2	24.8	30.7	22	84	83.6	62.8	66.5	78.6	78.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	3.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	NNW	NNW	NNW	NNW	Calm	35.2	58.7	143.4	22.3	259.6	0	------	------	0	------	Fr.-Cu.
2	Calm	NNE	NW	NW	NNW	Calm	13.9	37.5	75.9	22.8	150.1	2	------	S.-Cu.	4	A.-Cu.	Cu. NE
3	Calm	ESE	WNW	NW	NNW	NNW	18.3	32.2	103	86.1	239.6	2	A.-Cu.	S.-Cu.	3	------	Cu. NNW
4	NNW	NNW	NNW	NNW	NNW	NNW	74.2	130.4	195	103.3	502.9	10	------	N. NE	9	A.-Cu.	Cu. NE
5	NNW	N	N	NNW	NE	NNE	91.4	114	116.9	84.3	406.6	8	A.-Cu. ENE	Cu. NE	8	A.-Cu.	Cu.
6	NW	Calm	NW	NNW	N	NNW	27.2	58.7	103	73.2	262.1	2	------	S.-Cu.	4	A.-Cu.	Cu.
7	NNW	NNW	N	NNW	NNW	NNW	68.9	65.2	149.7	97.4	381.2	2	------	S.-Cu.	1	------	Cu.
8	N	Calm	Calm	WNW	Calm	NE	32.2	33	48.8	26.4	140.4	1	Ci.	------	2	------	Cu. NNW
9	Calm	Calm	N	NW	Calm	NE	14	31.6	44.9	35.4	125.9	6	A.-Cu. SE	S.-Cu.	3	Ci.	Fr.-Cu.
10	Calm	Calm	NE	NW	SW	Calm	26.2	36.7	63	24.6	150.5	3	Ci.	S.-Cu.	1	Ci.-S.	Fr.-Cu. ESE
11	Calm	Calm	W	NW	Calm	Calm	7.8	34.6	61.4	9.2	113	0	Ci.	------	7	A.-Cu. ESE	Cu. NW
12	Calm	Calm	NW	NW	NW	Calm	12.6	30.6	49.3	14.2	106.7	0	------	------	4	------	Cu. W
13	Calm	Calm	N	W	Calm	Calm	4.5	24.4	34.9	8.2	72	0	------	S.-Cu.	8	A.-Cu. SE	Cu. W
14	Calm	ESE	ESE	WNW	SW	NE	10.5	31.2	65.7	35.7	143.1	1	------	Fr.-Cu.	1	------	Cu. NE
15	Calm	Calm	SE	WNW	SW	Calm	17.4	34.9	53.6	5.3	111.2	0	Ci.	------	1	Ci.	Cu.
16	Calm	Calm	SW	W	NW	Calm	6.7	34	58.1	9.4	108.2	4	A.-Cu.	S.-Cu.	3	------	Cu. NNW
17	Calm	NNW	N	NE	E	NE	9.5	89	107.8	62.5	268.8	3	Ci.	Cu.	6	Ci.-S. SE	Cu. NE
18	N	NNE	NE	ENE	E	E	75	63.8	78.3	54.9	272	6	Ci.	S.-Cu. WNW	5	A.-Cu. SW	Cu.
19	Calm	E	ENE	NNW	Calm	Calm	34.3	40.5	61.5	26.6	162.9	5	A.-Cu.	S.-Cu. SW	1	Ci.-Cu.	Cu.
20	NW	SE	NW	NW	Calm	Calm	21.7	36.4	77.7	9.2	145	0	Ci.	------	1	Ci.	Cu.
21	Calm	Calm	N	NW	NW	NW	23.1	28.4	65.5	18.5	135.5	7	A.-Cu. SW	S.-Cu.	8	A.-Cu. SW	Cu. NW
22	Calm	Calm	Calm	NW	NNW	NNW	5	23.6	104.9	35.9	169.4	1	Ci.	S.-Cu.	1	------	Cu.
23	N	N	NNW	N	N	N	31.7	60.6	130.2	51	273.5	1	------	S.-Cu.	7	Ci.-S. SW	Cu. NW
24	NNW	N	NNW	NNW	NNW	Calm	52.8	98.7	135.5	27.2	314.2	1	A.-Cu.	S.-Cu.	4	Ci.-Cu. SW	Cu.
25	Calm	N	NNW	WNW	Calm	Calm	10.3	31.2	43.3	7.8	92.6	8	Ci.-S.	S.-Cu. ESE	7	Ci.-S.	Cu. WNW
26	Calm	Calm	Calm	NW	N	N	8.9	35.9	132.8	106.2	283.8	2	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. WNW
27	N	N	N	N	N	N	46.9	126.1	180.5	64.6	418.1	4	Ci.-S.	Cu. N	9	Ci.-S.	Cu. N
28	Calm	Calm	NNW	W	Calm	Calm	15	26.4	39.4	12.9	93.7	4	Ci.-S.	S.-Cu.	4	Ci.	Cu.
29	Calm	Calm	Calm	NW	Calm	Calm	5	31.2	50.9	6.1	93.2	1	------	S.-Cu.	1	------	Fr.-Cu.
30	Calm	E	NNW	NNW	N	N	21.7	36.4	123.9	81.1	263.1	10	------	S.-Cu. SW	7	A.-Cu. SW	Cu.
31	N	N	N	N	NE	N	55.7	64.4	83.2	77	280.3	7	------	S.-Cu. SW	9	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	28.3	51	89.7	41.9	210.9	3.3	------	------	4.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,539.2	------	------	------	------	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.39	63.58	64.14	62.13	62.34	63.47	21.6	21.5	23.4	23.4	22.7	22.4	24.5	21.1	99	100	99	97	98	99	77.9
2	62.05	62.09	62.70	60.20	59.98	61.14	22	22	24	25.3	24.3	23.4	26.1	21.5	100	100	84	86	90	95	8.4
3	60.46	60.82	62.24	59.65	60	61.99	21.8	21	24.8	30.6	26.5	23.6	31.7	20.6	96	98	90	65	83	91	------
4	61.79	62.25	63.89	61.51	61.75	64.39	22.8	22.6	25.6	30.6	25	24.1	33	22.3	95	97	81	68	96	94	16
5	63.37	62.73	63.85	61.32	61.53	62.94	22.4	22.2	24.4	26.3	22.8	22.3	27.5	21	96	96	86	80	98	97	------
6	62.30	61.93	61.78	60.03	60.04	61.93	22.3	22.1	24.6	25.1	23.8	22.8	27.5	21.3	94	97	93	89	95	95	------
7	61.11	61.41	62.74	60.33	59.99	61.36	21.8	21.2	22.4	26.7	24.6	23.6	28.5	20.8	93	96	94	76	90	93	1
8	60.64	61	61.89	59.22	59.34	61.31	22.5	21.5	25.3	30.2	27.1	23.6	32.5	21	96	100	83	64	82	91	------
9	60.54	60.24	61.42	58.61	58.88	60.69	22.2	21.5	25.1	30	26.1	24.1	30.7	20.5	96	95	81	66	79	95	------
10	60.24	60.52	61.57	59.25	60.05	61.47	23.2	22.6	25	26.4	23.8	22.1	28	22	96	97	85	79	86	94	------
11	60.85	61.43	63.22	61.21	61.93	62.42	21.8	21.5	23.5	23.8	22.4	21	25	20.4	93	93	81	90	91	95	------
12	62.01	62.30	63.27	60.84	61.49	62.37	20.4	19.4	22.1	24.7	22.6	21.5	25.5	19.4	97	98	88	79	93	92	2
13	61.70	61.94	63.05	59.42	59.80	61.29	21.5	21.4	24.5	30.1	25.2	22.6	31.4	20.6	92	93	84	68	80	97	------
14	61.10	61.62	63.13	60.65	60.95	62.09	21.5	21.6	24.6	28.8	26	23	31	21.2	96	97	84	69	85	95	------
15	61.83	62.38	63.96	60.88	61.12	62.67	23	22.7	24.6	28.8	26.7	23.5	31.5	22	95	97	92	77	88	93	2.8
16	62.12	62.29	63.76	60.81	61.15	62.16	23.4	23.2	25.5	31.2	25.6	23	32.8	21.2?	94	95	85	61	75	97	------
17	61.53	61.67	63.27	60.64	60.60	61.92	21	20.1	25	28.1	25.4	22.2	29.8	19.6	95	95	74	64	78	86	------
18	61.45	61.76	63.20	60.24	61.46	62.84	20	18.7	23.5	29.1	23.6	21.4	30.9	18.5	94	95	89	56?	86	93	------
19	62.08	62.29	64.57	62.65	63.34	64.18	20.1	18.6	21.7	23.6	22	20.4	24.6	18.2	96	100	87	82	91	94	------
20	63.62	63.45	63.90	61.13	60.57	61.69	20.2	20.6	22	28.2	26	22.6	30	19.8	96	98	88	65	73	96	------
21	61.60	61.82	62.78	60.29	60.73	61.79	22.1	21.7	25.8	31.7	25.6	23	32.8	21	96	97	85	59	76	91	------
22	61.58	62.63	64.31	62.52	62.55	63.91	21.4	21	25.3	29	24.7	23.2	30	20.1	96	96	78	58	74	91	------
23	64	64.64	65.64	62.91	62.84	64.03	21.1	21.4	23.7	28.2	24.6	23	29.6	20.4	93	92	87	68	83	95	------
24	63.74	64.02	65.08	62.31	62.50	63.97	22.1	21.5	24.5	28.6	25.8	23.2	30.6	21	96	96	84	64	75	91	8.1
25	64.03	64.74	66.36	64.29	65.35	66.62	22.2	21.7	24.1	25.4	22.7	21.2	26.7	20.1	95	92	82	70	89	94	------
26	66.25	66.84	68.40	66.08	67.08	68.27	21	20.6	24.2	24.3	20.7	19.6	25.5	18.3	88	88	71	69	80	89	------
27	67.41	67.31	68.04	65.30	65.29	66.96	19.4	18.2	22.5	24.6	21.6	20.7	25.1	17.7	88	98	70	60	74	85	------
28	66.20	66.51	67.90	64.84	64.62	66.70	19.5	19.2	23	28.7	23.5	21.6	30.4	18	89	89	71	56	83	86	------
29	66.15	66.24	67.30	64.64	65.52	67.33	20.2	18.1	24	25.4	22.7	21.5	28	17.2	92	95	79	78	89	92	------
30	66.99	67.01	68.41	66.86	67.62	68.62	20.4	20	23.5	24.5	21	20.2	26.5	19	94	95	71	75	95	97	5
31	68.04	67.54	68.67	66.75	66.39	67.96	19.3	19	23.2	25.5	22.4	19.6	26.8	18.2	94	95	75	68	80	86	------
Mean	62.91	63.13	64.34	61.86	62.15	63.56	21.4	20.9	24	27.3	24.1	22.3	28.9	20.1	94.5	95.8	83.3	71.2	85	92.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	121.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	NW	1	Calm	----	NW	1	NW	1	Calm	----	10	----	Cu.-N. N	10	----	Cu.-N. N
2	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	10	----	N.	10	----	Cu.-N. NE
3	Calm	----	Calm	----	SE	1	ESE	1	Calm	----	NE	1	6	----	S.-Cu.	2	----	Cu.
4	Calm	----	Calm	----	N	1	Calm	----	Calm	----	NW	1	8	----	S.-Cu. NE	7	----	Cu. E
5	NW	3	NW	2	N	2	N	3	NW	3	NW	3	10	----	Cu.-N. NW	9	----	Cu.-N. NE
6	NNW	3	NW	3	N	3	NW	1	N	1	Calm	----	10	----	Cu.-N. N	10	----	Cu.-N. N
7	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	NE	1	10	----	N. SE	7	----	Cu.
8	SE	1	Calm	----	SW	1	SE	1	Calm	----	Calm	----	9	----	Cu.-N. S	3	----	Fr.-Cu. S
9	Calm	----	Calm	----	NW	1	N	1	N	1	NW	1	5	----	S.-Cu.	2	----	Cu.
10	NW	1	NW	1	NW	1	N	2	NW	2	NW	2	9	----	S.-Cu. N	10	Ci.-S.	S.-Cu. N
11	Calm	----	Calm	----	NW	1	NE	1	NW	1	Calm	----	10	----	S.-Cu.	8	----	S.-Cu. N
12	Calm	----	N	1	Calm	----	NW	1	Calm	----	Calm	----	8	----	S.-Cu.	8	----	Cu.-N.
13	Calm	----	S	1	Calm	----	Calm	----	N	2	NW	2	8	----	S.-Cu.	5	----	Cu. E
14	NW	1	Calm	----	S	1	NE	1	Calm	----	N	1	10	----	S.-Cu.	7	----	Cu. SE
15	Calm	----	Calm	----	Calm	----	SE	1	N	1	NW	1	10	----	S.-Cu. S	8	----	Cu.
16	Calm	----	Calm	----	Calm	----	S	1	NW	2	NW	2	10	----	Cu.-N. SW	3	----	Cu.
17	NE	1	N	1	NE	1	NE	1	NNE	1	Calm	----	3	----	S.-Cu.	4	----	Cu. N
18	Calm	----	Calm	----	Calm	----	NE	1	N	2	NW	1	6	----	S.-Cu. NE	7	Ci.	Cu. NW
19	NE	2	NW	1	N	1	N	2	NE	1	NNW	2	10	----	S.-Cu. N	10	----	Cu.-N. N
20	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	NW	1	10	A.-S.	----	7	----	Cu. SE
21	Calm	----	Calm	----	S	1	Calm	----	NW	2	NW	2	4	----	S.-Cu.	0	----	----
22	NW	1	NW	1	N	1	N	1	N	2	NW	2	5	----	S.-Cu. N	6	----	Cu. NE
23	NW	1	NNW	1	Calm	----	SE	1	NW	1	Calm	----	10	----	N. N	8	----	S.-Cu.
24	Calm	----	Calm	----	NE	1	NE	1	N	1	Calm	----	8	----	S.-Cu. NW	7	----	Cu. S
25	Calm	----	Calm	----	N	2	NE	3	N	3	NW	3	10	----	Cu.-N. SW	9	----	Cu.-N. N
26	NW	2	NW	2	NE	2	NE	4	NE	3	NW	4	9	----	S.-Cu. NE	8	----	Cu. NE
27	NW	2	N	1	NW	1	N	1	N	2	NW	1	9	----	S.-Cu. N	10	----	S.-Cu. N
28	Calm	----	Calm	----	S	1	SE	1	NE	1	Calm	----	10	----	S.-Cu. SE	7	----	Cu. SE
29	Calm	----	Calm	----	Calm	----	Calm	----	NW	2	NW	2	0	----	----	8	----	Cu.-N.
30	N	3	NW	4	N	3	N	3	NW	5	NW	5	10	----	Cu.-N. N	7	----	Cu. NE
31	NW	2	NW	2	N	1	SW	1	Calm	----	N	1	10	----	N. N	10	----	Cu.-N. NE
Mean	------	0.8	------	0.7	------	0.9	------	1.2	------	1.3	------	1.3	8.3	------	------	7	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	67.08	67.49	68.82	66.77	65.97	67.52	19.4	19.2	22.5	24.5	23.5	19.6	26.2	18	90	93	82	68	74	88	------
2	66.98	66.35	67.52	64.81	64.80	65.89	19.2	19	23.4	26.7	23.1	21.5	28.5	18.4	89	96	73	59	82	84	------
3	64.88	64.60	65.87	62.96	62.53	63.82	19.1	18.4	23.2	27	24.6	20.5	28.7	18.2	96	100	84	60	75	97	------
4	63.48	62.94	63.72	60.76	60.32	62.22	19.9	20.7	23.5	29.6	26.1	21.4	32	19.1	97	94	83	66	71	90	------
5	62.24	62.59	63.54	60.76	60.84	62.86	20.2	19	25.3	31.7	27.6	23	32.7	18.2	99	100	74	51	64	88	------
6	62.74	63.15	64.34	61.95	62.28	63.92	21.1	19	25.5	29.1	24.5	23.5	29.4	18.2	95	96	73	68	76	82	------
7	63.43	63.60	64.70	62.96	63.04	64.27	21.8	21.5	23.5	24.8	22.4	21.6	25.6	20.5	92	92	79	80	84	91	2.3
8	63.22	62.79	63.62	60.83	60.83	62.58	21.2	20.8	23.5	27.2	25	20.6	29	19.9	93	96	89	73	80	98	1.3
9	61.68	62.16	63.33	60.30	60.16	61.73	19.7	19.5	23	31.6	28	22.8	32.2	18.9	99	100	92	55	68	98	3.3
10	61.19	61.82	63.03	61.32	61.87	63.16	22	22.2	25.2	28.2	24.5	22.7	29	21.7	98	96	84	76	82	86	------
11	63.20	63.64	65.43	64.02	65.34	66.66	22.4	21.6	24.9	25.5	21.4	20.5	27.4	19.4	88	90	73	74	93	95	------
12	66.03	66.35	67.18	64.39	63.92	65.07	19.6	19.2	21.8	24.7	22.5	20.7	26.1	18.2	90	88	82	67	83	85	------
13	64.26	64.86	65.44	62.65	62.37	64.27	20.1	18.4	23.6	29.5	25.1	21.5	31	17.5	93	98	75	61	79	90	------
14	63.57	64.06	65.53	62.32	62.01	64.28	19.3	18.4	25.4	31	28.2	23.5	33.2	17	91	96	74	58	92	84	------
15	64.21	63.87	65.68	62.57	63.42	65.39	21.5	20.1	25.7	30.7	26.4	23.5	31.8	19.4	85	96	73	63	71	91	------
16	64.63	65.34	66.03	63.60	63.13	64.54	21.7	20.5	25.3	30	25.8	21.6	30.6	19.4	96	98	75	53	66	93	------
17	64.12	64.22	65.69	62.77	62.32	63.47	19.9	20.6	23.3	26.6	25.5	21.6	28.5	18.8	94	97	83	67	74	92	------
18	62.79	62.64	63.63	60.55	60.02	61.92	21.2	19.4	26	30.6	27.5	21.7	33.4	19	83	96	76	51	64	88	------
19	61.56	61.73	62.67	60.58	59.95	61.69	19.2	18	26.4	31.6	28.5	21.5	33	16.6	90	96	63	59	52	98	------
20	61.12	61.58	62.54	59.62	59.62	60.83	19.8	18.2	25.5	31.4	27.6	22.5	33.1	17	95	94	71	54	58	92	------
21	60.68	60.90	60.97	58.96	59.26	60.53	22.2	21.8	29	30.1	28.5	25.5	34.1	21.1	94	97	62	67	71	82	------
22	59.60	60.19	60.84	57.73	57.75	60.14	23.2	22.5	28.4	33.7	30.1	24	34.9	21.8	96	91	76	59	54	92	9.1
23	59.87	59.60	60.44	57.46	57.50	59.39	23.3	22.5	28	27.9	28.1	24.8	33.7	22.1	94	96	68	82	77	92	------
24	59.16	60.02	61.27	59.52	59.27	61.04	21.4	19.5	26.1	31.1	27.2	23.3	32.7	18.8	93	97	62	48	73	91	------
25	61.02	61.01	62.49	59.57	59.16	60.80	22.5	23	26.8	31	28.2	23.8	34	21.6	95	93	78	58	73	91	------
26	59.99	60.41	62.17	59.82	59.49	61.01	23.6	23.1	23.5	28.2	25.2	23.6	29	22.3	91	96	97	66	75	86	------
27	60.17	61.10	62.34	59.77	59.49	61.02	22.3	21.3	25.8	28.6	24.6	21.6	29.4	20.7	90	94	79	68	68	89	------
28	60.62	61.29	62.77	60.52	60.82	62.73	20	19.3	26	29.5	25.1	23.8	30.6	18.6	91	97	73	56	69	77	------
Mean	62.63	62.87	63.99	61.42	61.34	62.96	21	20.2	25	29	25.9	22.4	30.7	19.3	92.8	95.5	76.9	63.1	73.1	89.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	16

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	2	NE	1	N	1	Calm	----	7	------------	S.-Cu. NE	8	------------	S.-Cu. NE
2	Calm	----	Calm	----	W	1	N	1	NE	1	Calm	----	7	------------	S.-Cu. SE	10	------------	S.-Cu.
3	Calm	----	WNW	1	Calm	----	NE	1	Calm	----	Calm	----	6	------------	S.-Cu. NE	9	------------	Cu.-N. E
4	Calm	----	Calm	----	SSE	1	SE	1	SE	1	Calm	----	5	------------	S.-Cu.	7	------------	Cu. SE
5	SE	1	S	1	SE	1	S	1	NE	1	Calm	----	5	------------	S.-Cu. SE	4	Ci.	Fr.-Cu. S
6	Calm	----	Calm	----	NE	1	N	2	NE	2	NW	2	0	------------	------------	8	------------	Cu.-N. N
7	N	2	NW	2	N	2	N	2	NW	2	NW	3	8	------------	S.-Cu. NW	10	------------	Cu.-N.
8	NE	1	Calm	----	N	1	NE	1	Calm	----	Calm	----	10	A.-S.	------------	8	------------	Cu.-N. N
9	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	NW	1	0	------------	------------	3	------------	Cu.
10	Calm	----	Calm	----	N	1	N	3	N	2	N	4	10	------------	Cu.-N. N	6	------------	Cu. NE
11	N	3	NNE	4	N	3	NW	5	NE	3	NW	4	10	------------	Cu.-N. N	6	------------	Cu.-N. N
12	NE	2	NW	1	N	1	NE	1	NW	1	N	1	10	------------	S.-Cu. NE	9	------------	S.-Cu. N
13	Calm	----	Calm	----	SE	1	SW	2	N	1	Calm	----	2	------------	S.-Cu.	6	------------	Cu. SW
14	Calm	----	Calm	----	SW	1	SE	1	S	1	Calm	----	0	------------	------------	2	------------	Cu. S
15	S	1	S	1	SE	1	Calm	----	N	1	N	2	5	Ci.	------------	8	Ci.-S.	Cu.
16	Calm	----	NW	1	NW	1	NW	1	NW	2	NW	1	0	------------	------------	3	------------	Fr.-Cu. N
17	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	3	------------	Cu.	10	------------	Cu.-N. N
18	Calm	----	Calm	----	SSE	1	SE	1	Calm	----	Calm	----	2	------------	S.	6	------------	Cu. S
19	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	0	------------	------------	0	------------	------------
20	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	0	------------	------------	8	Ci.-S.	Cu.
21	Calm	----	Calm	----	SE	2	E	2	S	1	Calm	----	8	------------	S.-Cu.	7	Ci.	Cu.-N. NE
22	Calm	----	Calm	----	SE	1	SE	2	Calm	----	N	2	10	------------	S.-Cu.	2	------------	Fr.-Cu.
23	Calm	----	S	1	S	1	Calm	----	N	1	Calm	----	6	------------	S.-Cu.	3	------------	Fr.-Cu.
24	Calm	----	Calm	----	E	1	NE	1	N	1	NW	1	0	------------	------------	4	------------	Cu. N
25	Calm	----	Calm	----	NE	1	SE	1	N	1	NW	2	10	------------	N.	3	------------	Cu.
26	Calm	----	NW	2	NW	1	N	2	N	2	NW	2	10	------------	Cu.-N. N	8	------------	Cu.-N. NW
27	NNW	1	NW	1	NW	2	N	2	NE	2	NE	2	10	------------	S.-Cu. NE	5	------------	Cu. NE
28	Calm	----	Calm	----	NE	1	NW	1	N	2	NW	3	10	------------	S.-Cu.	7	------------	Cu.-N. N
Mean	------	0.4	------	0.5	------	1.1	------	1.4	------	1.1	------	1.1	5.5	------------	------------	6.1	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.28	62.76	64.42	62.02	62.15	64.40	21.8	19.4	25.4	29.2	25.1	21.5	30.6	18.4	78	94	70	64	66	88	------
2	63.63	63.89	64.90	62.63	61.79	63.12	20.6	19.1	23.2	26.2	23	23	27	17.4	90	93	78	69	88	89	2.3
3	62.54	62.15	63.54	61.88	61.14	62.97	22.2	21.8	24	25	23.5	23	27.7	20.7	92	96	88	80	79	84	3
4	62.62	62.58	63.62	60.79	60.76	62.19	22	21.7	23.7	26.7	22.7	21.6	27.2	20.6	90	90	82	76	89	96	13.5
5	61.03	61.06	62.48	60.40	60.11	61.53	21.2	21.2	24.6	25	22.5	21.6	25.8	21	95	95	85	88	91	99	1
6	60.98	61.17	62.27	59.79	59.03	61.12	21.6	21.6	27.2	31.9	27.6	24.1	33.1	21.2	97	96	78	56	69	88	------
7	60.19	59.72	60.49	58.34	58.32	59.99	22.9	22.1	27.7	25.2	25.1	23.1	31.8	21.4	93	96	76	94	88	91	4.6
8	58.60	58.78	59.42	56.51	56.72	58.78	22.1	20.7	27.2	33.2	28.5	25.2	34.9	20.4	95	97	81	55	77	90	4.1
9	57.90	58.09	58.92	56.86	57.32	58.38	24.1	23.3	28.2	32.7	27.3	25.3	34.2	23	91	97	79	60	73	86	------
10	57.72	59.01	60.44	58.66	58.97	60.44	24.7	24	28.5	29.5	26.1	25	31.1	23.5	85	86	73	72	80	84	------
11	60.10	60.34	61.02	58.20	57.55	59.49	23.8	21.7	29	33	29.6	25	35	21	94	98	71	52	67	87	------
12	59.18	59.33	60.25	57.10	57.65	59.50	24.6	23.8	30.2	33.8	26.5	24.7	35.5	23.3	87	86	64	60	80	87	------
13	59.16	59.61	60.60	57.29	57	60.30	23.6	22.6	27.5	33.1	30.6	25	35.2	22.2	91	93	72	47	60	80	------
14	59.59	60.10	61.31	59.26	58.72	61.69	23.6	23.1	28	31	28	24.6	32.1	22.5	85	89	70	64	69	77	------
15	60.82	60.92	62.13	59.36	59.07	60.69	22.6	22.5	27.8	33.3	27.9	24.3	34.5	21.6	90	91	71	58	72	86	------
16	60.14	60.21	60.96	58.20	58.04	59.83	21.9	20.4	28.5	33.6	29.1	24.4	35	20.2	93	98	70	55	60	82	------
17	59.94	60.81	61.18	57.40	57.08	59.95	22.3	22.4	29.1	34.6	31.3	24.1	36	21.8	86	92	66	41	47	86	------
18	59.56	59.93	60.96	58.22	57.53	60.24	21.7	19.4	28	36	29.6	24.4	37	18.9	88	90	63	42	64	87	------
19	59.78	59.90	61.17	58.02	57.95	60.07	22.6	21.4	29.5	34.7	31.2	26.2	36.5	20.4	89	92	65	39	60	76	------
20	59.86	60.26	61.54	58.28	57.83	59.64	23.5	21.6	29.6	36.4	30.3	25.7	37.4	21	84	91	58	39	57	79	------
21	58.80	58.92	59.77	56.99	56.53	58.17	22.4	20.4	29	34.8	29.3	24.4	35.4	20	88	94	62	45	64	85	------
22	57.85	58.74	60.45	57	56.60	58.78	23.6	24.2	28.7	34.1	29.2	25.7	35.2	22.5	83	83	73	56	67	83	------
23	57.17	58.56	59.57	56.79	56.43	59.11	24.8	23.1	29.8	34.8	31.6	25.7	36.6	22.6	85	88	70	57	59	83	------
24	58.88	59.79	61.19	58.48	58.39	61.22	24.6	24.3	30.3	35	30.3	25.6	37.2	23.8	82	81	63	61	63	76	------
25	60.67	61.54	62.65	60.34	60.04	62.16	23.7	23.2	28.1	29.6	24.7	23.6	32	23	89	91	74	65	81	84	1.5
26	61.59	61.82	63.05	60.74	60.46	62.51	22.8	22.2	28	26.3	24.1	22.7	29.2	21.5	87	92	63	82	87	98	2.5
27	61.79	62.08	63.09	59.54	59.30	61.97	22.5	21.9	26.1	32.2	29.3	25.6	35.6	21.6	98	97	76	58	66	83	------
28	61.91	62.07	63.19	60.03	58.99	61.45	24	22.7	30.1	35.2	30.5	25.6	36.7	22.3	88	95	62	49	60	87	------
29	60.97	61.73	63.27	59.93	59.24	61.48	24.9	24.2	31	34.5	30.5	25.3	37	23.8	88	90	60	61	56	78	------
30	61.23	62.08	62.87	60.06	59.24	61.66	23.3	22	30.1	35.3	30.8	25.5	37.3	21.7	90	97	62	42	52	74	------
31	61.24	61.59	62.37	59.51	59.77	61.95	22.3	21	30.6	34.9	30	25.5	37.1	20	82	89	58	49	59	77	------
Mean	60.25	60.63	61.71	58.99	58.70	60.80	23	22	28	32	27.9	24.4	33.8	21.4	88.8	92.2	70.4	59.2	69.4	84.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	32.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	NW	1	Calm	----	NW	1	N	2	NW	2	1	----------	S.	6	----------	Cu. N
2	NE	1	Calm	----	NE	1	NE	1	NE	2	N	2	6	----------	S.-Cu.	10	----------	Cu.-N. N
3	Calm	----	Calm	----	NW	1	N	2	NW	2	NW	2	10	----------	N.	10	----------	Cu.-N. NE
4	NE	1	NW	1	N	1	NE	2	NW	1	NNW	2	10	----------	S.-Cu.	9	----------	Cu.-N. N
5	Calm	----	Calm	----	Calm	----	N	2	NW	1	NW	1	10	----------	N.	10	----------	Cu.-N. N
6	Calm	----	NNW	1	Calm	----	SE	1	Calm	----	Calm	----	10	----------	Cu.-N.	6	Ci.	Cu. S
7	Calm	----	SW	1	SE	1	SE	1	Calm	----	Calm	----	6	----------	S.-Cu.	10	----------	N. S
8	Calm	----	Calm	----	Calm	----	E	1	N	1	Calm	----	4	----------	S.-Cu.	6	----------	Cu. S
9	Calm	----	Calm	----	NE	1	NW	1	WNW	1	N	2	8	----------	Cu.-N. E	6	----------	Cu. E
10	Calm	----	NW	1	N	2	NW	3	N	1	Calm	----	7	----------	S.-Cu.	6	Ci.-Cu.	Cu. N
11	Calm	----	Calm	----	SSE	1	Calm	----	Calm	----	Calm	----	7	Ci.-Cu.	S.-Cu. NW	7	----------	Cu. S
12	Calm	----	Calm	----	SE	1	NW	1	NW	2	NW	2	4	----------	S.-Cu.	5	----------	Cu. NW
13	NE	1	NW	1	N	1	E	1	Calm	----	NW	3	7	----------	S.-Cu. S	6	----------	Cu. N
14	N	1	N	1	NW	1	NNW	1	NW	2	NW	2	6	----------	S.-Cu. W	5	----------	Cu. NW
15	NE	1	Calm	----	SE	1	Calm	----	N	1	NW	1	7	----------	S.-Cu.	7	----------	Cu.-N. E
16	Calm	----	Calm	----	SE	1	S	2	Calm	----	Calm	----	0	----------	----------	0	----------	----------
17	Calm	----	S	1	S	1	SE	1	S	1	Calm	----	0	----------	----------	2	----------	Fr.-Cu. S
18	Calm	----	Calm	----	S	1	ESE	1	N	1	NW	1	0	----------	----------	2	----------	Fr.-Cu.
19	SE	1	Calm	----	SE	1	SE	1	SE	1	Calm	----	3	Ci.	----------	0	----------	----------
20	Calm	----	Calm	----	S	1	S	1	SE	1	S	1	0	----------	----------	0	----------	----------
21	Calm	----	Calm	----	SE	1	NW	1	N	1	NW	1	0	----------	----------	2	----------	Fr.-Cu.
22	Calm	----	SW	1	NW	1	N	1	NE	2	NW	1	8	----------	S.-Cu. N	7	----------	Cu. N
23	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	6	----------	Cu. NW	4	----------	Cu.
24	Calm	----	S	1	SE	1	SE	1	N	1	N	1	7	----------	S.-Cu. SE	4	----------	Fr.-Cu. SE
25	NW	1	NW	1	NW	2	N	3	NNW	2	NW	4	7	----------	S.-Cu. NW	8	----------	Cu.-N. N
26	N	2	N	2	NE	2	NNE	3	NW	1	Calm	----	8	----------	Cu.-N. NE	10	----------	Cu.-N.
27	Calm	----	Calm	----	S	1	E	1	NW	1	N	2	8	----------	Cu.-N. SW	4	----------	Cu. S
28	Calm	----	Calm	----	S	1	SW	1	N	1	NW	1	4	Ci.	S.	4	----------	Fr.-Cu. S
29	NW	1	Calm	----	S	1	Calm	----	N	1	NE	1	6	----------	Cu. SW	7	----------	Cu.
30	Calm	----	Calm	----	SW	1	SW	1	S	1	Calm	----	4	----------	S.-Cu.	4	----------	Cu. S
31	Calm	----	SW	1	SSW	1	SW	1	SW	2	SW	5	0	----------	----------	7	----------	Cu. SE
Mean	-------	0.4	-------	0.5	-------	0.9	-------	1.2	-------	1.1	-------	1.2	5.3	----------	----------	5.6	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.32	61.49	62.17	59.35	58.52	60.43	23.6	23.3	29.5	34.7	31.7	25.2	37.2	22.5	90	90	62	39	50	78	------
2	59.75	60.28	61.45	57.97	57.80	59.76	22.5	20.1	28.5	35	29.6	25.8	37	19.4	82	87	54	45	64	70	------
3	59.30	59.79	60.78	57.83	57.68	59.87	22.5	22.2	28.2	34	30.5	25.2	35.4	21.5	82	86	69	41	54	82	------
4	59.81	60.05	61.02	58.48	57.97	60.72	23.3	21.8	29	35.2	31.1	24.3	37	21.6	90	98	64	42	53	87	------
5	60.26	60.54	61.27	57.87	57.03	59.59	22.7	21.6	29.4	35.2	31.7	25.2	37.1	21.1	87	87	50	46	50	77	------
6	59.33	59.30	60.41	57.02	56.63	58.77	23.8	22.1	30	36.2	30.8	25.3	37.7	21.6	83	88	56	42	64	80	------
7	58.12	59.06	60.39	57.43	56.99	59.07	22.8	22.5	29	33	30.8	26.1	34.5	21	93	93	65	50	61	84	------
8	58.75	59.26	60.50	57.82	57.24	59.70	25.3	24.3	30.5	37	31.5	26	38.4	22.8	84	87	65	42	52	77	------
9	58.92	59.74	60.82	58.04	57.53	60.37	23.8	23.6	29.2	36.2	31.4	25.8	37.8	22.3	90	90	60	41	57	76	------
10	59.54	60.26	60.54	57.73	57.19	59.61	23.4	21.1	31	37.1	31.6	25.8	38.5	20.5	83	89	53	40	52	69	------
11	59.35	60	60.30	57.51	57.78	60	23.7	22.8	31.4	36.7	29.4	26.2	38.4	22.1	82	86	56	39	68	75	------
12	59.54	60.15	60.57	58.10	58.65	60.82	25.1	24	31.6	35.5	31.2	26.5	38.2	23.1	83	89	56	44	52	81	------
13	60.12	60.38	60.60	57.63	57.96	60.31	24.3	23.6	32.1	35.8	33.1	26.8	39.3	22.6	86	90	55	42	50	84	------
14	59.93	60.11	60.63	57.80	57.90	60.21	25.6	24.7	32.9	36.1	29.5	27.2	39	24	85	87	54	42	76	77	1.3
15	59.34	59.14	59.72	56.79	57.14	59.42	25.1	23.8	30.6	35.1	31	26.5	37.4	23.5	92	95	62	49	62	76	------
16	58.17	58.28	59.92	57.08	56.85	59.58	25	23.6	31.2	34.9	30.1	26.5	36.4	23	82	88	66	44	62	82	------
17	59.07	59.15	60.39	56.96	56.83	60.88	24.8	24.6	31.5	37.2	30.6	23.7	39.4	22.8	85	88	63	43	60	90	------
18	59.84	60	61.85	58.15	60.68	61.91	23.1	23.4	29	31.7	23.6	23	35.1	22.4	90	88	68	59	94	94	23.9
19	60.51	60.94	61.70	59.20	58.86	60.53	22.9	22.6	27	30.1	29.4	26.5	31.8	22	97	97	74	68	72	79	------
20	59.64	60.46	61.61	58.85	59.50	61.51	24.5	24.1	29.8	32.2	26.7	25	36.1	23.6	92	95	77	60	85	88	------
21	60.55	60.79	61.22	58.21	57.95	60.70	24.3	23.7	30.3	35.2	31.6	27.5	36.6	23	90	92	63	48	61	78	------
22	59.99	60.21	60.78	58.86	58.32	60.40	24.8	22.6	31	36.4	31.4	27	38.1	22.4	84	92	57	43	56	78	------
23	59.77	60.15	60.47	57.12	57.12	58.92	25.8	23.6	31	36.1	32.1	27.2	37.2	23	83	88	52	42	44	64	------
24	58.94	59.12	59.59	57.27	57.03	59.56	24.1	22.5	30.6	35.6	31.6	26.2	37	21.8	78	88	59	42	45	71	------
25	59.19	59.59	59.90	57.34	57.70	60.32	24	22.6	31.6	35	31.4	26.6	36.4	21.7	81	86	56	49	52	74	------
26	59.20	59.96	60.84	58.70	57.88	60.14	22.7	22.2	31	33.3	32.3	26.4	36.7	21.3	94	91	69	54	49	69	------
27	59.48	60.21	60.77	58.29	58.30	60.37	23.3	22	30.6	35.4	30.6	25.4	37.7	21.4	81	88	56	47	64	69	------
28	59.66	60.06	60.29	57.93	57.42	59.62	22.6	21.5	30.3	36.1	32	27	38.1	20.5	88	89	62	42	50	74	------
29	59.37	59.85	60.22	57.26	56.95	58.86	24.4	21.6	31	36.1	32	26.5	37	21.1	77	91	52	38	63	77	------
30	58.64	58.91	58.80	55.97	55.74	58.36	24.5	22.9	31	37.8	29.7	26.6	39	22	81	85	55	39	64	72	------
Mean	59.51	59.91	60.65	57.82	57.70	60.01	23.9	22.8	30.3	35.2	30.7	26	37.2	22.1	85.8	89.6	60.3	45.4	59.5	77.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	25.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	3	S	1	SE	2	SE	1	S	1	Calm	----	10	----	Cu.-N. S	8	Ci.-S.	Cu. S
2	Calm	----	S	1	SE	1	Calm	----	NW	3	NW	3	3	Ci.	----	4	Ci.-S.	----
3	Calm	----	Calm	----	E	1	Calm	----	NW	1	NW	2	4	----	S.-Cu. S	7	----	Cu. NW
4	Calm	----	Calm	----	S	1	SE	1	NE	1	Calm	----	5	Ci.	----	3	----	Fr.-Cu.
5	SE	1	SE	1	S	1	NE	1	NE	1	NW	1	4	Ci.	S.	0	----	----
6	Calm	----	SW	1	SE	1	SE	2	NW	1	NW	2	6	Ci.	----	0	----	----
7	SE	1	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	9	Ci.	Cu. N	6	----	Fr.-Cu.
8	Calm	----	Calm	----	SW	1	SE	1	NW	2	N	1	4	Ci.	S.	5	----	Cu. SW
9	SW	1	SW	1	S	1	SE	1	NE	1	Calm	----	10	----	N. SW	4	----	Fr.-Cu. SW
10	Calm	----	Calm	----	SE	1	SE	1	NE	1	NE	1	0	----	----	0	----	----
11	Calm	----	SE	1	E	1	Calm	----	N	2	NE	2	0	----	----	4	----	Fr.-Cu. S
12	S	1	Calm	----	S	2	S	2	SE	3	Calm	----	1	Ci.-Cu.	----	7	----	Cu. S
13	SE	1	Calm	----	S	1	SE	2	SE	1	NW	1	0	----	----	7	----	Cu. SE
14	SE	1	SW	1	S	3	SE	1	SW	1	Calm	----	0	----	----	7	Ci.-S.	Cu. S
15	Calm	----	Calm	----	N	1	NE	1	NW	2	SE	1	0	----	----	6	----	Cu. SW
16	Calm	----	Calm	----	Calm	----	NNE	2	N	2	NW	1	1	----	S.	5	----	Cu. N
17	Calm	----	Calm	----	S	1	SW	1	NE	3	NW	2	7	----	N.-cf. N	5	----	Cu. SE
18	NW	1	N	1	SE	1	Calm	----	Calm	----	Calm	----	7	Ci.-Cu.	Cu.-N. N	10	----	Cu.-N. N
19	Calm	----	Calm	----	W	1	NE	1	Calm	----	Calm	----	10	----	Cu.-N. S	10	Ci.-S.	Cu.-N.
20	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	4	Ci.	S.-Cu.	8	----	Cu.-N. S
21	SE	1	Calm	----	S	2	SE	2	Calm	----	Calm	----	7	----	Cu.-N. S	4	----	Fr.-Cu. S
22	Calm	----	Calm	----	SE	3	S	2	NE	1	Calm	----	0	----	----	3	----	Cu.
23	S	1	SE	1	S	1	SSW	2	SE	1	SW	2	0	----	----	0	----	----
24	Calm	----	Calm	----	SE	2	S	3	SE	2	Calm	----	0	----	----	6	----	Cu. S
25	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	1	Ci.	----	10	----	Cu.-N. SE
26	Calm	----	S	1	S	1	S	1	Calm	----	Calm	----	0	----	----	10	----	Cu.-N. S
27	Calm	----	Calm	----	SE	1	SW	1	Calm	----	Calm	----	2	----	S.	6	----	Cu. S
28	Calm	----	Calm	----	SE	1	SE	1	N	1	Calm	----	1	Ci.	----	5	----	Cu.-N. S
29	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	0	----	----	7	----	Cu. ESE
30	Calm	----	Calm	----	SE	1	E	1	N	1	Calm	----	0	----	----	4	Ci.-S.	Cu.
Mean	------	0.4	------	0.3	------	1.2	------	1.1	------	1.1	------	0.6	3.2	------	------	5.4	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.44	58.39	58.61	56.36	56.16	58.28	24.7	23.7	31.6	37	31.4	27	38.5	23.2	86	96	55	38	54	75	------
2	57.84	58.39	58.97	56.98	57	59.58	25.7	23.1	31.5	37.4	30.2	27.7	38.5	22.3	81	86	54	40	60	72	------
3	59.29	59.71	60.83	58.51	58.12	60.63	25.2	23.1	30.5	33.7	29.7	25.8	36.5	22.5	80	91	62	47	63	78	------
4	59.84	59.79	60.30	57.70	56.85	59.17	23.8	22.5	30.4	34.4	30.6	26.1	37.6	22	83	90	61	49	60	80	------
5	58.95	58.95	58.97	56.11	56.40	58.70	24.8	23.7	31.4	35.1	31.5	27.5	37.7	22.8	84	89	60	47	52	78	------
6	57.64	58.01	59.09	57.42	58.14	59.65	25.1	23.6	30.4	26.6	25.2	24.9	34.7	23	82	88	60	87	86	93	20.8
7	58.74?	57.91	58.42	57	56.79	58.47	24.1	23.5	27	27.1	27.2	25.6	29.4	22.9	97	97	88	81	85	95	4.8
8	57.56	56.43	56.96	54.83	55.81	57.17	24.8	24	30.6	34.4	28.1	25.7	35.4	23.5	95	95	71	56	72	88	------
9	56.59?	54.73	55.35	53.05	51.93	53.36	24.9	24.6	27.2	27.4	27.4	24.6	29	23.7	98	99	81	84	73	95	23.4
10	54.08	54.31	55.99	54.78	55.33	57.07	24.3	24.1	28.3	30.6	27.2	26	31.1	23.5	94	94	80	69	89	94	3.6
11	56.27	57.21	58.30	56.35	57.07	58.92	24.6	24	29.4	34.5	28	27.2	36.4	23.5	94	95	76	59	83	92	------
12	57.92	58.83	59.19	57.13	57.58	59.16	26.6	25.5	30.5	34.4	28.4	26.6	36.5	25	90	89	74	57	83	92	------
13	57.98	58.44	58.47	56.12	56.37	57.90	26.4	25.4	31.1	35.4	31.9	27.1	36.3	25	93	93	72	55	64	88	------
14	57.05	57.61	58.27	55.68	55.55	57.60	25.5	25.4	31	35.5	31	27.6	37.6	25	90	92	75	60	60	83	------
15	56.18	57.62	58.26	55.71	56.48	58.59	26.3	25	31.2	35.6	26.6	26	38.2	24.5	87	94	67	54	89	90	11.4
16	57.54	58.29	58.96	57.07	57.69	60.64	25	23.8	30	35.5	29.5	27.3	35.8	23	90	93	71	49	67	79	------
17	59.62	60.19	60.45	57.71	59.13	61.70	24.6	24.1	30	36.1	29.5	23.6	37.5	23	87	90	66	41	70	95	20.3
18	60.08	60.15	60.69	58.14	59.47	61.93	23.4	23.8	28.2	34.2	27.5	24.4	34.8	22.8	96	95	82	61	79	93	13.2
19	60.39	60.19	60.61	58.27	58.85	59.70	24.4	23.6	28.4	33.8	28.2	25.6	35.7	23	92	93	82	55	70	73	------
20	59.40	59.94	60.56	57.95	58.48	60.64	23.7	23.7	29.5	34.4	28.4	25.8	37	23	91	94	73	62	77	85	------
21	59.30	59.21	59.82	57.85	58.56	59.73	24.7	24.1	29.8	34	27.6	25.8	36.9	23.5	91	91	73	58	70	88	------
22	58.78	59.96	60.12	57.69	57.54	59.32	24.8	24.2	29.5	35	32	26.3	37.1	23.8	90	90	68	38	67	82	------
23	58.63	58.84	59.07	56.81	56.62	58.47	24.4	24.5	30.8	35.2	31.2	28	36.9	23.4	97	90	67	56	67	78	------
24	57.53	57.64	58.21	56.17	56.38	58.48	25.4	24.6	31.5	36.4	31.5	27	38	24.1	84	92	63	41	69	84	------
25	57.91	58.83	59.71	57.27	57.54	59.62	25.6	25.4	31	36.5	32.2	27.6	38.1	24.7	91	93	67	41	65	84	------
26	58.77	59.36	60.17	57.46	57.35	60.67	26.9	26	31.3	34.8	31	27.8	37	25.2	90	92	68	52	69	82	------
27	59.48	59.79	60.27	57.29	56.93	60.63	24.8	24.1	30.5	36.4	31.4	24.4	37.9	23.1	90	91	70	38	62	90	------
28	58.69	58.91	59.20	56.42	56.08	58.65	23.5	23.2	29.8	36	34.2	25.6	37.5	22.7	92	93	69	42	49	73	17
29	58.54	58.54	58.69	57.19	56.68	59.35	25.3	24.4	30	35.2	34.4	26.8	37.4	23.7	82	90	65	55	51	81	------
30	58.89	59.85	60.10	58.03	57.38	60.56	25.7	25.1	30.6	35.5	33.6	27.4	37.5	24.5	87	92	62	49	50	83	------
31	59.69	60.78	61.06	58.06	57.68	60.10	25	24.5	30.5	36.2	32	27.5	38	23.6	89	92	63	41	66	78	------
Mean	58.28	58.61	59.15	56.87	57.03	59.18	25	24.2	30.1	34.3	30	26.3	36.3	23.5	89.5	92.2	69.2	53.6	68.4	84.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	114.5

Day.	Wind.												Clouds.					
	2 a.m.		6 a.m.		10 a.m.		2 p.m.		6 p.m.		10 p.m.		6 a.m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SSE	1	SW	1	N	1	Calm	----	0	------------	------------	4	------------	Cu.
2	Calm	----	Calm	----	SSW	2	E	2	Calm	----	Calm	----	0	------------	------------	10	------------	Cu.-N. SW
3	Calm	----	Calm	----	NW	1	NW	1	N	2	NW	1	0	------------	------------	7	------------	Cu. N
4	Calm	----	Calm	----	Calm	----	SW	1	NW	2	NW	1	0	------------	------------	8	------------	Cu. SE
5	Calm	----	Calm	----	NE	1	NW	1	NW	1	Calm	----	0	------------	------------	9	------------	Cu.-N. NE
6	Calm	----	Calm	----	NW	1	SW	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu.	10	------------	Cu.-N.
7	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	SE	1	10	------------	N.	10	------------	Cu.-N.
8	SE	1	SE	1	S	2	SE	3	S	4	SE	3	10	Ci.-Cu.	S.-Cu. S	7	Ci.-S.	Cu. S
9	SE	1	SE	1	SE	1	SE	1	SE	4	SE	5	10	A.-S.	------------	10	------------	Cu.-N.
10	SE	2	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	------------	Cu.-N. S	10	------------	Cu.-N. W
11	Calm	----	Calm	----	SW	1	SE	1	NE	2	Calm	----	4	Ci.	------------	5	Ci. SW	Cu. S
12	SSE	1	S	1	S	1	SE	1	N	2	N	1	10	------------	Cu.-N. S	7	Ci.-S.	Cu. W
13	SW	1	Calm	----	Calm	----	NE	1	NE	1	NE	1	7	------------	Cu.-N. S	5	------------	Cu. N
14	Calm	----	Calm	----	E	1	SE	1	NE	1	NW	1	7	------------	S.-Cu. SW	4	------------	Cu. N
15	Calm	----	Calm	----	SE	1	NW	1	Calm	----	Calm	----	2	------------	S.	8	------------	Cu. N
16	S	1	Calm	----	SW	1	NE	1	Calm	----	N	1	0	------------	------------	6	Ci.	Cu. NW
17	SW	1	Calm	----	E	1	NE	1	NW	1	Calm	----	8	Ci.-S.	S.	5	------------	Cu. NW
18	Calm	----	Calm	----	SE	1	Calm	----	NW	1	Calm	----	9	------------	Cu.-N. S	3	Ci.	Cu.
19	SW	1	S	1	SE	2	S	1	Calm	----	NW	1	10	------------	Cu.-N. S	3	Ci.	Cu.-N.
20	SE	1	SE	1	SE	1	S	1	NW	1	Calm	----	6	Ci.	S.-Cu.	3	------------	Cu.
21	SE	1	S	1	SSE	1	NE	1	N	1	NE	1	4	Ci.	S.	5	------------	Cu. SE
22	SE	1	SE	1	S	1	Calm	----	Calm	----	Calm	----	6	------------	S.-Cu. S	0	------------	------------
23	Calm	----	Calm	----	SE	1	S	1	Calm	----	Calm	----	8	Ci.-S.	------------	8	------------	Cu.
24	Calm	----	Calm	----	S	1	SE	1	N	1	Calm	----	2	Ci.	------------	6	Ci.	Cu. S
25	SE	1	SE	1	S	1	SE	1	NW	2	NW	2	2	------------	S.-Cu.	4	Ci.-S.	Fr.-Cu. S
26	Calm	----	Calm	----	S	1	Calm	----	NW	1	Calm	----	8	------------	Cu.-N. NW	8	Ci.-S.	Cu.
27	Calm	----	Calm	----	E	1	SE	1	NE	1	Calm	----	3	Ci.	------------	4	------------	Cu. S
28	Calm	----	SE	2	SE	2	SE	1	Calm	----	NW	3	4	------------	S.-Cu. SE	3	------------	Cu.
29	Calm	----	Calm	----	S	1	SE	1	Calm	----	N	1	0	------------	------------	1	------------	Cu.
30	Calm	----	SE	1	SW	1	S	1	Calm	----	N	1	0	------------	------------	7	------------	Cu. S
31	SE	1	SE	1	NW	1	SW	1	NW	1	Calm	----	5	Ci. E	------------	7	------------	Cu. SE
Mean	-------	0.5	-------	0.4	-------	1	-------	0.9	-------	1	-------	0.8	4.8	------------	------------	6	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.65	59.95	57.23	56.66	59.10	25.3	24.6	32	35.6	33.1	27	38.4	23.8	84	92	60	49	61	81	------
2	58.87	59.18	59.04	56.81	56.59	58.67	25.5	24.4	31.6	37.8	34	27.3	39.6	24	85	89	63	42	56	82	------
3	58.11	58.54	58.32	55.76	55.94	57.90	26.7	25.6	32.1	38.5	31.1	28.1	40.3	25	86	93	54	38	69	82	------
4	56.90	57.04	57.38	55.11	56.25	58.50	26.5	26.3	33.1	37.1	30.5	27.3	39.5	25.4	91	90	60	43	65	81	------
5	57.11	56.97	56.73	53.95	55.30	57.32	25.5	24.8	32	38.4	27.5	26.8	39.3	24.4	84	88	59	39	85	87	1.8
6	56.46	57.17	58	55.53	57.26	58.45	25.8	25.5	29.8	36	24	24	37.4	23.6	90	86	73	42	91	97	21.6
7	57.59	58.49	58.52	56.66	56.79	58.47	24.8	24.4	29	34.2	28.9	24.2	35.8	23.4	94	92	78	58	71	92	1.3
8	58.30	58.74	58.55	56.31	57.39	59.29	23.6	23.3	30.5	35.8	28.3	24.9	37.6	22.6	93	93	66	43	68	94	4.1
9	58.50	59.19	58.70	56.28	56.72	59.47	24.4	24.1	30	34.8	30.5	25.3	36.6	23.4	94	94	70	49	63	88	10.1
10	58.50	58.79	58.67	56.79	57.92	60.02	24.5	23.8	29.5	34.4	26.5	24.5	36.4	23	92	93	72	49	72	91	2.5
11	59.21	59.10	59.26	56.82	56.71	58.73	24.5	23.8	28.8	34.6	33.3	27.4	36.9	23.2	91	93	72	48	52	78	------
12	58.60	59.33	58.44	56.36	56.51	58.94	25.4	25.1	30.8	35.2	32.6	27.2	36.9	24	89	91	62	46	42	81	------
13	58.11	58.94	58.86	56.48	57.17	59.26	24.9	23.8	30.2	36.5	33.3	26.5	38.4	23.4	86	90	60	39	54	90	6.6
14	58.75	58.74	58.10	56.11	56.43	59.61	25.1	24.8	30.8	36	32	27	36.8	24.1	90	93	64	42	61	80	------
15	58.75	58.84	57.54	55.85	56.98	59.27	25.8	25.3	31.1	35	30.6	24.1	36.6	23.5	88	91	56	52	68	87	6.8
16	58.70	57.89	58.03	56.16	56.23	58.56	24	23.8	29.5	35.3	31	27.4	37.5	23	90	92	76	50	67	83	------
17	58.39	58.40	58.35	56.23	56.73	61.18	26.7	25.8	31.6	37	31.1	23.2	38.6	22.5	86	88	61	42	66	90	18.5
18	59.90	59.66	59.78	57.57	57.73	60.26	23.3	23.5	29.5	34.8	32.3	27.5	36.9	22.7	90	91	70	54	60	84	5.4
19	61	60.91	61.27	58.52	58.88	60.99	23.6	23	28.9	35	30.5	25	36.1	22	92	93	73	49	66	88	------
20	60	60.78	60.22	57.81	58.36	60.10	24	23.7	29.9	34.9	29.7	27.2	36.6	23	95	93	70	52	68	83	------
21	59.41	59.36	58.92	56.91	56.77	58.40	24.7	23.8	29.7	35.6	30.8	26.9	37.3	23.2	98	91	66	44	65	85	------
22	58.39	58.41	58.36	56.94	58.17	59.93	24.9	24	30.7	34.6	25.8	23.9	37.3	23.2	89	91	65	56	78	88	.8
23	59.71	60.05	59.41	57.52	56.98	59.42	23.8	24	29.8	34.7	33.2	26.1	37.5	23.1	91	93	69	52	54	74	------
24	59.43	59.46	59.60	58.08	59.35	61.37	24.8	24.3	31	30.3	25.2	23.7	36.8	23.3	83	86	63	58	85	94	3.6
25	60.31	60.84	61.46	59.37	58.81	59.82	23.6	22.4	27.8	33.3	30.3	25.7	35.2	22	95	96	79	58	66	87	------
26	59.77	60.50	60.64	57.91	58.60	59.95	24.9	23.8	30.7	35.5	29.5	26.6	37	23.2	91	93	62	44	66	80	------
27	59.02	59.03	59.19	57.28	57.69	60.04	25	24.5	30.8	36.5	29	27	38.1	23.7	90	92	63	41	64	75	10.2
28	59.54	59.74	60.41	58.10	59.20	61.10	24.6	24	28.9	34.6	26.3	25.1	36.1	23.6	93	96	71	50	84	88	------
29	59.93	59.75	60.41	57.67	58.34	60.12	24.7	24	29.9	34	28.3	26.1	36	23.6	93	94	64	49	77	89	2.6
30	59.21	59.04	59.17	56.72	56.85	59.06	25.2	25	29.8	35	32.7	27.6	36.4	24.4	92	95	71	48	53	82	------
Mean	58.85	59.08	59.04	56.83	57.31	59.44	24.9	24.3	30.3	35.4	30.1	26	37.3	23.4	90.2	91.7	66.4	47.5	66.6	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	95.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	0	------	------	7	------	Cu. SE
2	Calm	----	Calm	----	SE	1	Calm	----	NE	1	NE	1	3	Ci.	------	2	------	Cu.
3	Calm	----	Calm	----	S	1	S	1	N	1	N	1	0	------	------	0	------	------
4	Calm	----	S	1	SE	1	SE	1	NW	1	SE	3	4	Ci.	Cu. SW	8	------	Cu. S
5	Calm	----	Calm	----	S	1	SSW	1	N	1	Calm	----	4	Ci.-S.	S.-Cu.	4	------	Cu.-N. SW
6	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	9	A.-Cu.	Cu.-N. S	5	Ci.-S.	Cu. SE
7	Calm	----	S	1	S	1	SSE	1	WSW	2	Calm	----	6	Ci.	S.-Cu. SE	7	Ci.-Cu.	Cu.-N. SE
8	Calm	----	Calm	----	S	1	SSE	2	W	2	Calm	----	2	Ci.	Cu.	4	Ci.-S.	Cu.-N. S
9	Calm	----	Calm	----	S	2	Calm	----	NW	3	Calm	----	2	Ci.-Cu.	S.-Cu.	5	Ci.-S. ENE	Cu.
10	Calm	----	Calm	----	S	2	S	1	NW	3	NW	1	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. SSE
11	Calm	----	S	1	SSW	2	SSW	1	Calm	----	NW	2	9	Ci.-S.	Cu. SE	4	Ci.-Cu.	Cu. S
12	WNW	1	S	1	S	2	S	2	SSW	1	Calm	----	6	Ci.-S.	Cu.	4	Ci.-S.	Cu. SSE
13	Calm	----	Calm	----	S	1	S	3	N	1	NW	1	2	Ci.	S.-Cu.	4	Ci.	Cu. SSE
14	S	1	Calm	----	SSE	1	S	2	Calm	----	NW	1	10	------	S.	5	Ci.	Cu. SSE
15	SW	1	Calm	----	S	2	SSE	1	NNW	3	SW	2	4	Ci.	S.-Cu. SW	6	Ci.-S.	Cu. S
16	Calm	----	Calm	----	S	1	Calm	----	NNW	3	NW	1	8	Ci.-S.	S.-Cu.	4	Ci.	Cu. S
17	Calm	----	Calm	----	S	1	Calm	----	N	3	W	3	4	------	S.-Cu. SSW	3	------	Cu. S
18	Calm	----	SSW	1	S	2	S	1	N	1	E	1	3	Ci.	Cu.	4	Ci.	Fr.-Cu. E
19	E	1	ESE	1	S	2	S	1	NW	2	WSW	1	3	Ci.-Cu.	Fr.-Cu.	4	Ci.-S.	Cu.-N. SE
20	Calm	----	SE	1	SSE	1	Calm	----	N	1	Calm	----	4	Ci.	Fr.-Cu. SSE	4	Ci.	Cu. S
21	S	2	SSW	1	S	2	SSW	1	NW	2	Calm	----	3	Ci.	Fr.-Cu. S	2	Ci.-S.	Cu.
22	Calm	----	Calm	----	S	1	Calm	----	SE	1	Calm	----	2	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. SE
23	SE	1	Calm	----	W	1	Calm	----	Calm	----	Calm	----	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. W
24	S	1	SSE	1	SSE	1	SE	2	N	1	Calm	----	2	Ci.-S.	------	9	Ci.-S.	Cu.-N. E
25	Calm	----	Calm	----	S	1	S	2	SE	1	Calm	----	7	Ci.-S.	S.-Cu. SW	5	Ci.-S.	Cu.-N. SSW
26	Calm	----	Calm	----	SW	2	SSE	1	N	1	Calm	----	7	Ci.-S.	S.-Cu. SE	4	Ci.	Cu. S
27	SE	1	S	1	S	1	E	1	NNW	1	SW	2	3	Ci.	Cu.	6	Ci.-S.	Cu.-N. SE
28	SW	1	Calm	----	SSE	1	SE	1	NW	2	Calm	----	4	Ci.-Cu.	S.-Cu. S	6	Ci.-S.	Cu.-N. S
29	Calm	----	SE	1	S	1	S	2	NW	1	Calm	----	5	Ci.-S.	S.-Cu. S	4	Ci.-S.	Cu. SSW
30	Calm	----	Calm	----	Calm	----	SSE	1	NNW	1	NW	2	9	Ci.-S.	S.-Cu. SSW	7	Ci.-S.	Cu. S
Mean	------	0.3	------	0.4	------	1.2	------	1	------	1.3	------	0.7	4.4	------	------	4.8	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.70	58.86	59.22	56.77	58.25	60.04	25.8	24.9	30.2	35.8	27.8	25.7	38	24.5	85	87	67	48	75	88	------
2	59.54	59.77	60.54	58.45	58.69	59.70	25.2	24.9	30.7	31.8	29.7	26	36.1	23.9	91	92	62	53	60	78	------
3	59.63	60.26	60.67	57.92	57.92	60.18	24.5	23.4	30.3	36.4	30.5	27	38.6	22.4	87	92	64	42	66	74	------
4	59.49	59.49	59.33	57.61	57.15	59.14	25.3	23.9	31.8	36	31.8	28.1	38.4	23	83	89	62	42	59	77	------
5	58.65	58.68	59.06	57.85	57.03	58.05	26.1	25	32	29.3	31.5	26.7	36.9	24.4	83	88	63	77	65	83	6.4
6	58.28	58.40	58.72	57.13	56.40	58.48	25.9	25.7	30.3	33.8	33.7	27.7	35.8	24.7	91	93	70	58	57	82	------
7	58.22	58.17	57.75	55.92	55.93	58.56	25.9	25	31.2	36.8	36.4	28.5	38.5	24.3	88	90	60	43	43	79	9.7
8	58.41	58.13	57.52	55.76	57.29	58.34	26.1	25.7	30.5	35.9	24.8	25.7	37.4	24	93	94	73	48	91	89	34.1
9	57.75	57.88	57.67	55.55	56.07	57.74	25.5	24.6	29.9	34.3	25.5	25.7	36.3	24	93	93	73	56	89	93	33.5
10	57.17	57.58	57.10	55.20	56.16	57.17	25.3	25.2	29.8	33.7	26.2	24.7	34.2	24.2	94	94	74	60	79	90	------
11	57.14	57.34	57.92	55.58	55.91	58.98	23.9	23.7	26.5	33.3	28.3	25.3	35.4	23.3	94	97	86	59	75	90	1.3
12	57.42	58.34	58.67	56.85	57.07	58.95	24.2	23.7	27.6	34	28.3	26.4	36.3	23	93	94	80	59	79	81	------
13	58.57	58.75	58.75	56.55	57.20	58.33	25.5	25	30.1	34.4	27.9	26.5	35.6	24.4	88	92	71	53	80	92	------
14	56.94	56.97	57.05	54.73	54.14	55.31	25.6	25	30.2	34.8	29.9	27.3	36.3	24.5	94	95	74	52	68	84	------
15	54.42	54.50	54.25	51.86	52.18	53.27	25.4	24.4	30	32.5	29.5	26.5	35	23.8	92	94	71	63	72	88	6.4
16	52.49	52.24	52.34	50.21	51.10	52.71	25.6	24.8	28.4	31.7	25.5	25.1	32.3	24.2	91	95	85	75	93	96	45.3
17	51.85	52.24	52.95	51.75	52.39	53.50	24.6	24.7	28.5	32.7	25.3	25	34	24	99	98	85	63	94	92	1.8
18	52.60	52.81	53.43	51.95	51.76	53.58	24.3	24	29	32.6	30.7	27.4	33.5	23.4	95	93	78	65	77	91	------
19	52.65	51.94	52.74	51.38	51.83	54.04	26	24.8	31.2	34	30.3	27.4	35.1	24.4	89	87	72	59	72	86	------
20	53.20	53.59	53.95	52.64	53.37	54.82	26.1	25	30.8	32.5	30.5	27.1	35.5	24.5	89	92	72	68	70	86	------
21	54.40	54.39	54.73	53.16	54.50	55.09	24.9	24.4	31.6	36.8	28	26.2	37.6	24.1	92	93	64	43	79	92	------
22	54.21	54.42	54.31	52.43	52.87	54.44	25	24.4	29.6	34	29.1	26	36.4	23.8	94	97	74	57	72	85	------
23	53.20	53.40	53.36	51.50	51.36	53.11	24.7	25	30	32.2	29.8	25.3	34.5	24.5	94	92	75	65	76	94	1.3
24	52.20	52.16	52.55	50.42	51.86	53.40	24.7	23.9	28	35	27.8	26.4	36.3	23.5	96	96	82	60	82	92	9.1
25	52.82	53.64	53.97	52.52	54.49	56.40	26	25.4	30.8	34.4	24	24.2	35.6	23.3	92	93	70	63	97	94	8.4
26	55.79	56.33	56.38	55.03	56.68	57.88	24	23.5	29.5	34.8	25	26	36	23	95	97	77	66	97	92	9.9
27	56.14	56.59	56.99	54.74	55.74	55.84	25.3	24.6	28	30.2	26.2	25.4	33.8	24.4	92	97	82	70	91	93	7.6
28	54.17	53.76	54.02	50.81	48.77	47.45	24.2	24	24.5	24.8	24.3	23.8	25.2	23.4	96	97	96	94	97	100	263.6
29	43.17	42.07	42.52	41.85	41.92	44.95	23.9	23.5	24	24.2	24.1	24.3	25.6	22.4	98	92	88	99	86	86	75.9
30	45.30	47.34	49.74	50.15	50.83	53.55	25	24.1	27.2	29.6	29.5	26.2	31.6	23.7	87	89	77	78	68	87	------
31	53.09	53.60	55.07	53.58	53.79	55.90	25.1	24.1	30.8	34.4	30	27	35.7	23.7	89	91	71	63	82	95	15
Mean	55.08	55.28	55.59	53.80	54.21	55.77	25.1	24.5	29.5	33.1	28.4	26.1	35.1	23.8	91.5	93	74.1	61.3	77.1	88	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	529.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	SSE	1	S	1	N	1	NW	2	Calm	----	8	Ci.-S.	S.-Cu. S	3	Ci.	Cu. SW
2	Calm	----	S	1	S	1	E	2	S	1	Calm	----	5	Ci.-S.	Fr.-Cu. SW	8	Ci.	Cu.-N. SE
3	SE	1	Calm	----	Calm	----	S	2	E	1	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. SSE
4	SE	1	Calm	----	S	1	SE	1	Calm	----	Calm	----	1	------------	S.-Cu.	7	Ci.-S.	Cu.-N. SE
5	Calm	----	E	1	Calm	----	SE	1	NNW	1	Calm	----	1	------------	S.-Cu.	8	Ci.-S.	Fr.-N.
6	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	6	Ci.-S.	Fr.-Cu. SE	8	Ci.-S.	Cu.-N. S
7	Calm	----	Calm	----	S	2	S	2	Calm	----	NW	2	2	Ci.-Cu.	S.-Cu.	3	Ci.	Cu.
8	NW	1	Calm	----	SSE	1	NW	1	SE	1	Calm	----	7	Ci.	S.-Cu. SSE	3	Ci.	Cu.
9	Calm	----	Calm	----	Calm	----	SW	1	NW	1	Calm	----	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. SE
10	S	1	Calm	----	S	1	E	2	N	1	WNW	2	9	Ci.-S.	S.-Cu. S	8	Ci.-S.	Cu.-N. SE
11	Calm	----	Calm	----	SE	1	SE	1	WNW	1	Calm	----	8	Ci.-S.	Fr.-N. SSW	6	Ci.-S.	Fr.-Cu. S
12	Calm	----	Calm	----	Calm	----	SSE	1	S	1	NW	1	5	Ci.-S.	Fr.-Cu. SE	7	Ci.-S.	Cu. S
13	Calm	----	Calm	----	S	1	E	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. ESE
14	S	1	Calm	----	SSE	1	N	1	NNE	2	NNW	1	7	Ci.	S.-Cu. SW	5	Ci.	Cu.-N. NE
15	Calm	----	Calm	----	Calm	----	N	2	NNE	1	SW	1	4	Ci.-S.	S.-Cu. N	8	Ci.-S.	Cu.-N. E
16	SW	1	NW	1	NE	2	NW	2	NE	1	Calm	----	10	------------	Cu.-N. N	10	Ci.-S.	N.
17	Calm	----	S	1	Calm	----	NE	1	Calm	----	Calm	----	10	------------	Cu.-N. NW	10	Ci.-S.	Cu.-N. N
18	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	7	Ci.-S.	S.	10	Ci.-S.	------------
19	Calm	----	SW	1	S	1	SE	2	E	1	Calm	----	7	------------	N.-cf. SW	10	Ci.-S.	Cu.-N. S
20	Calm	----	Calm	----	SE	1	SE	1	SSE	2	Calm	----	10	------------	Fr.-N.	10	------------	Cu.-N. S
21	Calm	----	Calm	----	SE	1	SE	1	E	1	NE	1	5	A.-Cu. NW	S.-Cu.	8	Ci.-Cu.	Cu. SW
22	Calm	----	Calm	----	SE	2	NE	1	NE	2	Calm	----	10	A.-S.	------------	8	Ci.	Cu.-N. NE
23	Calm	----	SE	1	S	1	SE	1	NW	1	Calm	----	10	------------	Cu.-N. S	10	------------	Cu.-N. S
24	Calm	----	Calm	----	SE	2	S	1	Calm	----	Calm	----	6	A.-Cu.	S.	8	Ci.-S.	Cu.-N. S
25	Calm	----	Calm	----	S	2	SE	1	N	2	Calm	----	10	------------	Cu.-N. S	8	Ci.	Cu.-N. S
26	Calm	----	Calm	----	Calm	----	SW	1	W	1	Calm	----	6	A.-Cu.	S.-Cu.	8	------------	Cu. SE
27	SE	1	Calm	----	SE	1	NE	3	Calm	----	Calm	----	10	------------	N.	10	------------	Cu.-N. N
28	Calm	----	Calm	----	Calm	----	Calm	----	S	1	NW	3	10	A.-Cu.	Cu.-N. NE	10	------------	N.
29	WNW	2	SE	6	SSE	6	SE	6	SSE	7	SE	8	10	------------	N.	10	------------	Cu.-N. S
30	SE	2	SE	1	S	2	S	1	Calm	----	Calm	----	10	------------	N.	7	------------	Cu.-N. SW
31	Calm	----	Calm	----	S	1	SSE	1	NE	2	Calm	----	4	Ci.-Cu.	Fr.-S.	6	Ci.	Cu.-N. S
Mean	------	0.4	------	0.5	------	1.1	------	1.4	------	1.1	------	0.6	6.6	------------	------------	7.5	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.52	55.86	56.05	54.26	56.03	56.12	26	25	29.3	32.6	25.7	24.5	34	23.1	89	95	80	67	91	94	45.2
2	55.90	56.25	56.38	54.53	54.62	56.69	24	23.6	27.8	32.2	29.7	25	34.6	23	96	97	82	66	77	92	------
3	56.17	56.35	56.45	55.08	55.69	56.64	23.8	23.5	29	32	26.6	25.4	34.4	23.1	96	96	71	66	83	92	------
4	55.83	55.97	56.27	54.24	54.62	55.91	24	23.6	28.2	33.2	26.4	25.2	34.5	23.2	97	97	80	45	79	93	------
5	54.40	55.33	55.57	53.78	54.86	56.97	24.2	23.7	28.9	33.7	25.6	23.6	35.1	23.3	96	98	80	61	88	95	80.5
6	55.20	55.33	55.67	53.60	55.37	56.47	23.6	23.5	28.1	31.8	26.8	25.4	34	22.7	95	96	78	71	92	92	5.1
7	55.30	55.73	55.92	54.05	54.80	56.29	24.8	23.8	28.6	33.5	26	25.7	34.3	23.4	96	97	79	58	93	95	4.8
8	55.65	55.71	55.43	54.63	54.97	57.13	25.2	24.6	30.2	32.7	30.4	25.6	34	24.2	96	97	78	60	78	96	20.8
9	56.08	55.71	56.52	55.72	55.07	56.37	25.4	25	29.6	31	29.3	27.5	32.2	24.5	97	97	79	76	84	92	------
10	55.67	55.77	56.42	54.96	55.67	56.74	26.5	25.3	34.1	32.7	26.7	25.5	34	24.4	94	95	73	67	83	88	------
11	55.31	55.61	56.12	54	55.71	56.90	25.1	24.7	29	34	24.2	25	36.2	23.5	95	94	78	63	91	95	30
12	55.45	55.86	56.51	54.77	56.07	57.64	24.6	24.4	28.6	32	25	24.5	33.6	24	93	93	80	66	92	95	13.2
13	56.73	56.56	57.29	55.17	55.02	56.98	24.1	24.4	28.5	32.2	29	26.4	33.5	23.8	97	97	81	61	81	89	------
14	56.42	56.45	57.20	55.14	54.70	55.50	26	24.7	28.5	32.1	29	26	33	24.2	88	91	82	64	76	90	------
15	55.26	54.51	53.90	51.54	50.66	48.07	25.1	24.4	27.3	27.5	25.2	24.8	29.5	23.7	91	91	82	84	90	92	33.6
16	43.04	39.51	45.06	48.95	52.23	56.19	26.3	23.4	24	25	25.6	24.3?	26.4?	21.6	86	89	86	81	71	85?	5.3
17	56.90	57.41	59.43	58.39	59.52	60.83	23.1	23	28.5	32.8	27.2	25.5	35.1	22.8	94	97	82	65	87	93	8.6
18	60.14	60.41	60.94	58.80	58.57	59.99	24	23.6	29	33.1	28.5	25.6	34	23	96	96	78	57	83	93	------
19	59	58.21	58.43	56.41	56.15	57.44	25	24.3	27.7	28	26.6	25.4	30.5	23.5	93	96	83	89	87	95	1.5
20	56.79	56.57	56.51	55.53	56.01	57.89	25.5	25.2	29.6	29	26.4	24.8	33.4	24.2	95	95	79	82	90	95	5.3
21	56.93	56.43	56.97	55.41	55.21	57.64	23.9	23.7	28.8	33.5	28.4	25.1	34.6	23	97	98	82	64	85	89	------
22	56.74	56.36	56.80	55.08	55.07	56.41	25	24.3	29	33	29	26.1	34.9	23.7	89	89	79	58	78	92	------
23	55.69	55.77	56.41	54.29	55.02	56.80	24.9	24.6	29.1	33.6	26.5	25.7	36.2	23.7	98	97	78	57	76	86	------
24	56.59	56.66	57.25	55.06	56.37	58.38	25	23.4	29.8	34	27	26.4	35.6	23.2	89	95	74	59	80	87	------
25	57.52	57.66	58.84	56.25	57.52	59.04	25	24.8	28.7	33	26.7	25.4	35.1	24	93	95	80	64	83	92	------
26	57.88	57.71	57.90	55.17	54.62	56.34	24.8	23.7	28.5	33.8	30	26	34.3	23.4	94	95	78	63	79	85	-----
27	55.14	54.81	55.17	53.10	52.71	54.27	24.9	24.4	28.5	34	28.2	26	35.4	23.8	89	94	77	59	77	88	------
28	54.14	54.21	54.78	52.88	53.08	55.45	24.8	24.4	30.2	33.2	31.6	27.5	35.5	23.8	93	95	77	63	71	77	------
29	55.63	56.19	57.46	55.31	55.65	57.62	25.5	24.8	29.5	30.5	30.2	26.6	35	24.4	93	97	75	72	77	91	------
30	57.32	57.39	58.29	56.38	56.20	58.48	25.3	24.4	29.8	32.5	30.3	27.1	35.8	24	95	93	77	69	68	90	------
31	57.74	57.82	58.50	56.89	56.58	58.27	26.3	25.5	28.5	29	27.1	25.3	32.7	25	92	93	75	78	88	89	3.6
Mean	55.87	55.81	56.47	54.82	55.30	56.82	24.9	24.2	28.9	32	27.4	25.6	33.9	23.6	93.6	95	78.8	66.3	82.5	90.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	257.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	Calm	----	W	1	Calm	----	9	------------	S.-Cu.	10	Ci.-S.	Cu.-N. S
2	Calm	----	SW	1	SE	1	Calm	----	Calm	----	NNW	1	8	------------	Cu.-N. SSW	6	Ci.	Cu.-N.
3	SSW	1	SE	1	SE	1	W	1	Calm	----	Calm	----	3	Ci.	Cu. SE	8	Ci.-S.	Cu.-N.
4	S	1	Calm	----	SE	1	ESE	1	SW	1	Calm	----	7	------------	S.-Cu.	3	------------	Cu.
5	SE	1	SE	1	SSE	1	NE	1	NNE	1	NE	2	9	A.-S.	------------	6	Ci.	Cu.-N. S
6	Calm	----	S	1	SE	1	W	1	SW	1	Calm	----	3	Ci.-Cu.	Cu.-N. S	4	Ci.-S.	Cu.
7	S	1	Calm	----	SW	1	Calm	----	NW	1	Calm	----	7	------------	S.-Cu. SW	7	------------	Cu.-N. S
8	SW	1	S	1	Calm	----	Calm	----	Calm	----	Calm	----	5	A.-Cu. NW	S.	10	Ci.-S.	Cu.-N. NW
9	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	9	------------	S.-Cu.	10	------------	Cu.-N. NW
10	Calm	----	Calm	----	SE	1	E	1	SE	1	SSE	1	8	------------	S.-Cu.	10	------------	Cu.-N. NW
11	SE	1	SE	1	SSE	1	SE	1	N	2	Calm	----	8	Ci.	S.-Cu.	9	Ci.-Cu. SW	Cu. SE
12	SW	1	Calm	----	SE	1	WNW	1	Calm	----	Calm	----	8	------------	Cu.-N. SW	7	Ci.-S. S	Cu.
13	Calm	----	SE	1	SE	1	NE	2	NW	1	NE	2	8	------------	Cu.-N. S	4	Ci.	Cu.
14	SW	1	SW	1	S	1	N	1	NE	1	NE	1	10	------------	Fr.-N. S	8	Ci.	Cu.
15	N	1	NE	1	NW	2	N	2	N	2	NW	4	8	Ci.-Cu.	N.-cf. NE	10	------------	Cu.-N. N
16	NW	4	S	7	SE	7	SE	6	SSE	4	S	1	10	------------	N.	10	------------	N.
17	Calm	----	Calm	----	S	1	SW	2	Calm	----	Calm	----	6	Ci.	N.-cf.	8	Ci.-S.	Cu.-N. E
18	Calm	----	Calm	----	NNE	1	NE	1	N	1	NW	2	6	------------	S.-Cu.	6	------------	Cu. E
19	Calm	----	Calm	----	E	1	NE	1	N	2	Calm	----	10	------------	Cu.-N. N	10	------------	Cu.-N. N
20	Calm	----	Calm	----	SE	1	Calm	----	S	1	Calm	----	10	------------	N.	8	------------	Cu.-N. S
21	S	1	SW	1	SSW	1	Calm	----	NE	1	SW	2	7	------------	S.-Cu. S	1	------------	Fr.-Cu.
22	SE	1	S	2	SE	1	WSW	1	NNW	1	Calm	----	8	------------	S.-Cu. SE	4	------------	Cu. S
23	SE	1	Calm	----	S	1	N	1	NW	1	Calm	----	5	------------	S.-Cu. WSW	7	------------	Cu. NW
24	Calm	----	Calm	----	SE	1	NE	1	NW	1	Calm	----	0	------------	------------	4	------------	Cu. NE
25	SW	1	SW	1	SE	1	NW	1	NW	1	Calm	----	10	------------	N.	3	------------	Fr.-Cu.
26	Calm	----	Calm	----	SSE	1	Calm	----	Calm	----	Calm	----	5	------------	S.-Cu. N	3	------------	Cu.
27	Calm	----	Calm	----	SW	1	ESE	1	NE	1	N	1	10	------------	N.	6	------------	Cu. NE
28	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	2	Ci.	------------	4	------------	Cu.-N. S
29	Calm	----	Calm	----	SE	1	SE	1	SSE	1	Calm	----	3	------------	S.	8	------------	Cu.-N. E
30	SW	1	SW	1	SSE	1	NW	1	N	2	NW	1	7	Ci.	N.-cf.	6	Ci.-S.	Cu. SE
31	NW	1	Calm	----	NE	1	NE	1	Calm	----	Calm	----	7	------------	Cu.-N. NNE	10	------------	Cu.-N. N
Mean	-------	0.6	-------	0.7	-------	1.2	-------	1	-------	0.9	-------	0.6	7	------------	------------	6.8	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.32	56.79	57.02	55.11	54.74	55.99	25	24.8	29	28	27.1	25.2	33.6	23.9	92	93	76	82	83	92	2.8
2	54.39	54.44	54.30	52.22	51.32	52.40	24.4	23.8	28.6	26.8	26.5	25.1	32.4	23.4	96	98	82	89	91	98	192.4
3	50.30	47.37	46.42	43.70	42.84	43.15	24	23.8	26.6	27.8	25.5	25	28.4	23.1	97	97	95	90	97	98	274.6
4	41.41	42.02	44.13	43.62	45.30	49.11	23.4	22.5	23.2	24	25	26.2	26	22.2	98	94	90	91	76	76	23.9
5	50.11	51	53.72	52.70	53.62	55.93	25.2	24.5	29	32	29.8	26	33	23.5	80	78	74	66	73	87	------
6	55.89	56.31	56.92	55.36	56.35	57.92	23.9	23.2	29.8	34.4	28.6	27.3	35.6	22.7	92	97	71	64	85	87	------
7	57.37	57.39	58.01	55.97	56.61	57.47	26.8	25.4	29.8	33.4	28	27.4	35.1	25	95	98	80	67	88	92	------
8	56.39	56.57	57.09	55.38	54.49	55.64	25.7	25.4	30.4	28.1	28.3	27	32.2	25.1	97	99	85	88	88	94	2.8
9	54.64	54.94	55.22	53.61	52.92	53.57	26.1	25.5	28.8	30	29	27.3	31.1	25	98	96	83	78	81	91	3.3
10	53.29	52.21	52.61	51.49	50.36	51.71	26.3	24.5	26.8	27.6	26.7	25.4	28.2	24	91	97	90	83	88	92	1.5
11	50.67	50.85	52.67	52.25	53.98	56.28	23.9	23.4	28.3	30.6	26	25.3	31	23	97	92	77	68	92	95	7.4
12	55.27	55.93	58.04	56.45	57.41	59.34	24.3	23.7	28.2	31.5	28.7	26	32.6	23.3	97	98	80	69	80	92	------
13	59.04	59.49	60.13	57.89	58.26	60.85	25.1	24.6	29.2	32.5	29.6	26.5	34.5	24.1	97	95	80	65	92	91	------
14	60.19	59.60	60.41	57.93	57.60	58.41	25.7	24.1	28.6	32.7	28.1	26.4	33	23.8	93	96	82	68	78	86	23.4
15	57.64	57.16	57.19	53.88	53.42	52.81	25.5	24.2	24.5	25.6	24.4	24.2	28.4	23.3	88	94	97	93	97	90	147.3
16	51.06	49.40	52.01	51.43	51.95	54.16	23.4	22.6	23.2	24.1	23.8	24.5	24.5	22	92	96	92	87	89	84	18.1
17	54.86	55.82	56.77	55.57	56.21	58.07	23	23.1	28.4	30.5	28.2	25.8	31.2	22.5	95	92	75	72	85	90	------
18	57.44	57.99	58.50	57.25	57.49	59.68	24.4	22.5	29	33	29.4	26.4	34.7	22.2	91	96	78	67	79	89	------
19	59.17	59.98	60.72	58.28	58.54	60.54	24.6	23.8	28.5	33.6	29.5	26	35.4	23	95	97	82	64	76	90	------
20	59.65	59.65	60.25	57.60	57.62	58.27	24.8	24.3	29	33	29	26.4	34.5	23.7	90	94	79	59	74	90	------
21	58.05	58.39	58.75	56.18	56.44	58.37	24.1	23.2	28.9	33.8	28	26.3	35.2	23	92	97	78	64	82	90	------
22	58.06	58.30	59.37	57.15	57.54	59.58	25	24.2	29.4	33.6	29.6	26.1	35.3	23.6	91	93	76	62	71	93	------
23	59.27	60.16	60.95	58.35	59.09	60.76	25.2	24	29	33.3	28	25.6	34.5	23.2	95	97	71	57	80	88	------
24	59.73	60.28	61.45	59.05	59.28	60.53	25	23.2	28.3	33	27.6	26	34	22.5	92	93	79	62	84	88	------
25	60.32	60.39	61.70	58.68	58.97	60.77	24.8	25	28.2	33	25.4	25.1	33.7	24	90	90	77	61	84	88	------
26	60.17	59.89	60.53	57.94	59.42	61.03	24.3	24	28	32.2	27.5	23.7	35	22.3	93	94	83	66	88	96	6.4
27	60.12	60.27	61.77	59.70	59.27	61.05	22.3	22	27.3	33.2	29.2	25.6	34	21.5	96	96	82	61	72	88	------
28	59.85	60.26	61.05	58.54	58.95	60.54	24.6	23.6	27.5	34.3	29.6	26	35.4	23	93	99	82	61	77	90	------
29	59.84	59.60	60.51	57.97	57.57	59.98	24.3	23.2	29.2	32.4	28.3	25.4	34	22.7	91	94	78	66	75	88	------
30	58.99	59.08	59.80	57.39	57.57	59.18	24.9	23.7	29	34.4	28.7	25.7	35.5	23.3	91	95	75	56	78	91	------
Mean	56.35	56.38	57.27	55.29	55.50	57.10	24.7	23.9	28.1	31.1	27.8	25.8	32.7	23.3	93.2	94.8	81	70.9	82.8	90.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	703.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	1	N	2	NW	2	NNW	1	9	------------	Cu.-N. SW	9	------------	Cu.-N. NW
2	N	1	Calm	----	NW	2	NW	1	NW	2	NW	2	6	Ci.	Cu.-N. E	10	------------	Cu.-N. NE
3	NW	2	NW	2	NW	1	NW	4	NW	4	NW	3	10	------------	N.	10	------------	Cu.-N. N
4	SW	7	SW	8	SE	4	SSE	3	SE	3	S	3	10	------------	N.	10	------------	N. SW
5	SE	2	S	2	SE	2	SE	2	Calm	----	Calm	----	8	------------	S.-Cu. SW	8	------------	Cu.-N. SW
6	Calm	----	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	8	Ci.-S.	------------	6	Ci.-S.	Cu.
7	Calm	----	Calm	----	S	1	SSE	1	ENE	1	Calm	----	4	------------	N.-cf. S	8	------------	Cu. SW
8	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	10	------------	S.-Cu.	10	------------	Cu.-N. SE
9	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	------------	S.-Cu.	10	------------	Cu.-N. SW
10	SE	1	SE	1	Calm	----	SSE	1	SE	1	SE	1	10	------------	N.	10	------------	N.
11	S	1	SE	1	SSE	1	SE	2	Calm	----	Calm	----	6	Ci.	S.-Cu.	10	------------	Cu.-N. SW
12	Calm	----	Calm	----	SW	1	S	1	SW	1	NW	1	6	------------	S.-Cu.	8	------------	Cu.-N. SW
13	SW	1	Calm	----	WSW	1	W	1	NW	2	NW	2	7	Ci.-S.	Cu.	4	------------	Cu. N
14	NW	2	Calm	----	NE	1	N	2	NW	1	NNE	2	0	------------	------------	8	Ci.	Cu. N
15	N	2	NE	1	NW	3	NW	2	NW	3	NW	3	10	------------	N. NW	10	------------	Cu.-N. N
16	NW	2	S	6	SE	7	S	5	S	1	SE	1	10	------------	N.	10	------------	N.
17	SE	1	Calm	----	S	2	SE	2	Calm	----	S	1	6	------------	N.-cf. S	9	Ci.-S.	Cu.
18	Calm	----	Calm	----	SE	1	S	1	Calm	----	WSW	1	5	Ci.	------------	6	Ci.-S.	N.-cf.
19	SE	1	S	1	S	1	S	1	NE	1	NW	1	3	------------	S.	6	Ci.	Fr.-Cu.
20	SW	1	Calm	----	S	1	NE	1	N	1	NW	2	8	------------	S.-Cu. N	2	------------	Fr.-Cu.
21	Calm	----	Calm	----	SE	1	S	1	Calm	----	NW	1	2	------------	Cu.	5	------------	Cu. S
22	NW	1	Calm	----	Calm	----	NE	1	NW	1	NW	1	6	------------	S.-Cu. S	3	------------	Cu.
23	Calm	----	Calm	----	ENE	1	N	1	NW	1	Calm	----	8	------------	Cu.-N. S	5	------------	Cu. N
24	Calm	----	Calm	----	SW	1	N	1	Calm	----	Calm	----	5	------------	Fr.-S. SE	5	Ci. S	Cu. NE
25	Calm	----	Calm	----	NE	1	NW	1	SE	1	Calm	----	10	------------	N.	8	Ci.	Cu.-N. N
26	Calm	----	Calm	----	SE	1	S	1	SE	1	SE	1	6	Ci.	S.-Cu. SW	8	Ci.-Cu.	Cu. SW
27	SSE	1	SE	1	SE	1	S	1	N	1	Calm	----	10	------------	S.-Cu.	6	Ci.-S.	Cu.
28	Calm	----	Calm	----	Calm	----	SE	1	E	1	NE	1	6	------------	S.-Cu.	5	------------	Cu. SE
29	Calm	----	Calm	----	Calm	----	N	1	NW	1	N	1	2	------------	S.	4	------------	Cu. N
30	Calm	----	Calm	----	SE	1	NE	1	N	1	NW	1	7	------------	S.-Cu. E	3	Ci.	Cu.
Mean	------	0.9	------	0.8	------	1.3	------	1.4	------	1.1	------	1	6.8	------------	------------	7.2	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.54	58.79	59.92	57.64	57.74	59.38	24.4	23.3	29.6	34.3	29	26	35.1	23.2	94	96	75	57	72	93	-----
2	58.93	58.99	59.48	56.95	57.22	59.02	24.8	23.5	28.9	33.1	28.2	25.4	34.4	23.3	94	97	76	59	77	95	-----
3	58.62	58.86	59.62	57.31	58.02	59.54	25	23.9	28.2	32.9	27.7	24.8	34	23.5	90	91	82	60	81	89	-----
4	59.20	59.66	61.24	59	59.09	60.64	23.7	22.6	24.8	29.6	25.6	24.5	30.3	22	91	94	92	70	85	92	11.7
5	59.20	60.04	60.67	58.37	58.49	60.17	23.9	23	27	30	26.4	24.4	31.8	22.5	94	96	83	69	82	88	-----
6	58.94	59.44	59.63	57.59	57.85	59.79	22.7	21.4	27.5	32.4	27.5	24.2	32.5	21	92	96	79	62	79	90	-----
7	59.33	59.44	60.63	58.08	58.25	60.27	23.3	22	28	32.8	28	25	33.5	21.8	94	97	71	54	81	90	-----
8	59.44	59.76	60.67	58.25	58.26	59.47	24.2	22.8	27.5	32.5	28.5	25.5	34.8	22.4	89	95	81	58	81	93	-----
9	58.34	58.54	59.27	56.75	57.07	58.54	24.8	24.2	25.8	29.2	26.2	24	29.7	23.3	92	95	94	77	87	97	2
10	57.39	57.54	58.59	56.52	56.22	57.60	23.6	23.4	27	27.4	26.4	25	29.5	22.5	95	93	84	81	79	93	-----
11	56.66	56.71	57.49	56.32	55.52	56.46	24	23.9	24.8	25.6	23.6	23.5	26.5	22.6	96	97	92	93	96	94	17.8
12	54.98	54.83	55.28	53.48	53.51	54.28	22.8	23	27	25.2	24.7	24.2	27.5	22.5	96	97	84	97	98	98	37.3
13	52.41	51.82	52.39	49.91	49.16	50.03	23.6	23.2	25.2	25.4	25.2	23.4	26.1	23.1	99	100	95	93	97	97	114.4
14	48.85	48.45	50.06	49.38	50.81	52.55	23.3	23.4	23.7	24	23.4	23	25.5	22	98	97	98	97	98	95	96.2
15	51.95	52.54	54.78	53.80	55.39	57.30	23	23.2	27.8	27	24.5	24	30.2	22	95	93	82	84	93	98	2.5
16	57.15	57.79	59.50	57.65	58.44	60.12	23.6	23.3	25	27.5	23.3	23	29	22	97	97	88	81	94	87	1.3
17	59.66	59.77	60.81	58.74	58.71	61.18	21.7	21.6	24.8	27.7	25.2	23.5	30.4	21	96	96	81	67	78	89	1
18	60.74	60.94	61.86	59.77	59.59	61.32	22.5	21.6	25.4	28.2	25.7	22.7	30	21.1	87	86	82	69	88	90	-----
19	60.35	61.11	62.37	59.62	59.92	61.37	22.6	22.4	25.8	28.7	26.4	24.4	30.1	21.8	91	93	80	69	82	92	-----
20	60.38	61.43	62.18	59.92	60.15	62.06	23.1	22.6	27	31.2	27	23.9	33.1	22.2	94	96	79	63	87	96	10.4
21	61.23	61.32	61.82	59.40	59.91	60.80	23.4	23.6	27.1	31.6	26.5	23.7	32	23	98	97	79	67	84	94	-----
22	60.21	60.59	61.18	58.22	58.67	60.45	23.3	23.4	26.5	30.4	25.4	24	30.5	22.2	91	93	85	69	84	96	5.6
23	59.91	60.16	62.07	60.14	60.60	62.27	23.6	23.5	26	26.6	24	22.6	28	21.3	94	94	76	73	81	89	-----
24	61.28	61.81	62.77	60.69	61.69	63.17	20.8	19.9	25.5	27.1	24	22.5	29	19.2	86	92	72	63	80	87	-----
25	62.09	62.75	63.37	61.01	61.44	62.89	20.6	20.4	26.5	28.2	24	21.5	29.2	19	97	96	69	59	77	88	-----
26	61.52	61.94	62.34	59.62	60.07	61.32	20.2	19.8	24.6	29	24.7	23.3	29.1	19.3	91	93	79	71	91	98	-----
27	60.71	60.96	62.41	60.19	60.66	62.41	21.8	22.3	25	25.5	23.6	22.9	28.8	21.2	93	94	86	77	86	89	1.5
28	61.89	62.48	63.39	60.96	61.67	63.22	21.5	21.1	27	29.1	24.5	23.2	29.6	20.8	95	95	60	58	83	88	-----
29	62.57	62.94	63.64	61.19	61.41	63.01	21.5	19.7	25.8	29	25.4	23	31.3	19.4	93	97	79	68	82	90	-----
30	62.20	62.37	62.87	59.93	59.80	61.37	21.2	20	26.2	31.6	28.4	24.5	33.5	19.9	95	94	79	61	73	89	-----
31	60.36	61.20	62.52	59.97	60.08	61.77	23.5	23.4	27.4	31	26	24.6	33	22.5	96	93	81	65	92	97	-----
Mean	58.87	59.19	60.16	57.95	58.24	59.80	23	22.4	26.4	29.2	25.8	23.9	30.6	21.7	93.6	94.8	81.4	70.7	84.8	92.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	301.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	1	Calm	-----	Calm	-----	W	1	NW	1	NW	1	4	Ci.	S.-Cu.	5	-----	Cu. N
2	NW	1	Calm	-----	NW	1	NE	2	NW	2	NW	1	6	-----	S.-Cu. N	7	Ci.-S.	Cu.-N. N
3	Calm	-----	Calm	-----	NE	1	N	1	NW	2	NW	1	8	A.-Cu.	S.-Cu. SW	5	-----	Cu. N
4	Calm	-----	Calm	-----	Calm	-----	Calm	-----	N	1	NW	1	8	Ci.-Cu.	S.-Cu. N	10	-----	Cu.-N. N
5	Calm	-----	Calm	-----	N	1	NW	1	NW	1	NE	1	10	-----	N.	8	A.-Cu.	Cu.-N.
6	Calm	-----	Calm	-----	SE	1	E	1	NW	1	Calm	-----	8	Ci.	S.-Cu.	5	-----	Cu. N
7	Calm	-----	Calm	-----	NW	1	N	1	N	1	Calm	-----	0	-----	-----	2	-----	Cu. N
8	Calm	-----	Calm	-----	Calm	-----	NW	1	NW	1	NW	1	10	-----	S.-Cu.	4	-----	Cu.
9	N	1	NE	1	E	1	ENE	2	Calm	-----	Calm	-----	10	-----	N.	10	-----	Cu.-N. NE
10	Calm	-----	Calm	-----	NW	1	N	2	NW	1	Calm	-----	10	-----	Cu.-N. N	10	Ci.-S.	Cu.-N.
11	Calm	-----	N	1	NW	2	W	1	Calm	-----	Calm	-----	10	-----	N.	10	-----	N.
12	Calm	-----	Calm	-----	NW	1	NW	1	NW	1	Calm	-----	10	-----	Cu.-N.	10	-----	N. N
13	NW	2	NW	3	NE	1	NW	3	NW	4	NW	6	10	-----	N. N	10	-----	Cu.-N. N
14	NW	4	NW	6	NW	4	NW	3	NW	2	NW	2	10	-----	N.	10	-----	N.
15	NW	2	NW	1	NW	2	N	2	NE	2	Calm	-----	10	-----	Cu.-N. NE	10	-----	Cu.-N. N
16	NW	2	N	1	NE	1	NE	3	NNW	1	WNW	1	10	-----	Cu.-N.	6	-----	Cu.-N. N
17	Calm	-----	Calm	-----	Calm	-----	N	1	N	1	Calm	-----	9	-----	S.-Cu.	8	-----	Cu.-N. NE
18	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	Calm	-----	4	-----	S.-Cu.	7	-----	Cu.-N. SE
19	Calm	-----	Calm	-----	Calm	-----	Calm	-----	NE	1	Calm	-----	8	-----	S.-Cu.	9	-----	Cu.-N. S
20	Calm	-----	Calm	-----	SSE	1	Calm	-----	SW	1	Calm	-----	8	-----	S.-Cu.	2	-----	Cu.
21	Calm	-----	Calm	-----	ENE	1	NW	1	NW	1	Calm	-----	7	-----	Cu.-N. N	0	-----	-----
22	Calm	-----	Calm	-----	NW	1	NW	3	N	3	NNW	3	10	-----	Cu.-N.	8	-----	Cu.-N. N
23	NW	3	NW	2	NE	2	N	3	NE	2	Calm	-----	7	-----	N.-cf. N	10	-----	Cu.-N. N
24	NE	1	Calm	-----	NW	2	NE	3	NW	1	N	2	5	-----	S.-Cu. NE	10	-----	Cu.-N. N
25	Calm	-----	Calm	-----	N	2	NE	3	NW	2	Calm	-----	8	-----	S.-Cu. N	7	-----	Cu. NE
26	S	1	SW	1	SSW	1	NW	1	NW	1	NW	1	10	-----	S.-Cu.	6	-----	Cu.
27	SW	1	SW	1	ENE	1	NE	3	Calm	-----	NW	2	6	-----	S.-Cu.	10	-----	Cu.-N. N
28	NW	2	NE	1	N	2	NNE	3	NW	2	NW	2	8	A.-Cu.	S.-Cu.	4	Ci.	Cu. N
29	Calm	-----	Calm	-----	Calm	-----	Calm	-----	NE	2	NE	2	3	A.-Cu.	S.	7	-----	Cu. N
30	SW	1	SW	1	S	1	NW	1	Calm	-----	Calm	-----	0	-----	-----	5	-----	Cu.,Cu.-N. SW
31	Calm	-----	Calm	-----	SE	1	Calm	-----	Calm	-----	Calm	-----	10	-----	S.-Cu.	8	-----	Cu.-N. SE
Mean	-----	0.7	-----	0.6	-----	1.1	-----	1.5	-----	1.2	-----	0.9	7.5	-----	-----	7.2	-----	-----

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.26	61.42	62.58	60.25	61.53	62.03	23	22.6	27	32	23.5	23.3	33.2	22.2	97	95	84	64	90	90	------
2	61.68	61.68	62.37	59.97	60.21	61.57	22	21.4	26.5	31.8	26.7	24.6	33.3	20.8	98	96	80	64	83	91	------
3	61.56	61.81	62.56	59.94	60.44	62.45	24	22.3	28	31.8	27.1	25.2	33.7	22	94	99	81	69	84	92	5.1
4	61.38	62.17	63.17	61.02	61.48	62.75	24	23.4	25.5	28.5	26.6	25.2	31	22.4	96	95	92	78	87	95	2.3
5	62.22	62.26	63	60.65	60.93	62.95	24.1	23.3	27.1	29.5	27.3	25	32.1	22.9	97	97	88	75	85	94	------
6	61.94	62.11	63.39	61.21	61.24	62.64	24	23.8	24.4	26	25.7	24.6	27	22.9	97	97	95	90	91	92	5.4
7	62.19	62.35	63.76	60.83	61	63.26	22.4	23	27.5	32.6	28.6	24.4	33.8	22.2	98	97	85	63	79	91	------
8	62.17	63.02	64.12	61.20	61.90	63.54	24.2	23	27	33	27.5	23.2	34	21.7	94	95	84	61	78	90	------
9	62.23	62.93	64.02	60.44	60.35	62.42	22.1?	21.6	26.5	32.1	28.2	25.1	34.1	20	95	95	80	61	79	88	------
10	62.31	62.43	63.42	60.45	60.72	62.34	23.5	22.5	28.4	30.9	26.2	23.6	32	22.1	97	96	77	57	72	90	------
11	61.30	62.07	63.07	60.25	60.26	62.24	21.8	19.5	27.2	32	27.8	23.5	34	19.3	90	97	75	59	76	87	------
12	61.88	62.37	63.06	61.40	61.67	63.26	21.7	20.5	27	27.5	25.4	24	29	20	92	95	78	66	84	97	------
13	62.28	62.52	63.71	61.22	61.22	62.48	24.1	23.8	26.2	29.7	25.5	21	31	19	94	94	78	63	77	86	------
14	62.16	63.23	64.42	61.87	62.27	63.87	19.2	18.4	23.7	28.4	24.3	20.9	29	17.3	94	94	77	56	68	88	------
15	62.32	63.02	64.17	62.17	62.81	64.58	19.9	20.2	26.5	25.6	23.9	22.4	28.8	18.9	85	95	80	79	83	90	.5
16	63.62	63.72	63.89	61.77	62.24	63.88	21.8	21.3	25.4	28.1	24	21.2	28.6	20.1	91	92	74	70	78	91	------
17	63.22	62.86	62.92	60.85	61.34	62.99	20.2	19.1	26.2	27.3	24.6	21.6	29	18.4	92	100	72	64	79	89	------
18	62.77	63.36	64.59	62.45	62.72	64.18	19.3	18.5	25	29	26.1	23.7	30.4	17.7	93	95	80	65	74	87	------
19	63.72	64	65.27	63.11	63.77	64.82	22.6	22.5	26	27.9	25.3	23.8	30.4	22.1	95	96	84	71	84	91	1.8
20	63.36?	64.18	65.23	63.35	63.42	64.52	23.4	23.2	26.5	26.2	24.8	23.6	28	22.3	95	96	84	91	93	90	6.4
21	63.75	64.02	64.77	61.85	62.15	63.86	22.3	22	25.8	30.4	25.6	23	31.6	21.6	95	96	87	63	88	95	------
22	63.04	63.73	64.46	62.52	63.38	64.54	22.5	22.1	25.1	26.4	24	22.8	27.4	21	96	95	87	77	91	97	------
23	63.99	64.32	65.69	63.31	63.91	65.89	22	21.7	25.5	28.8	24.5	24	29.7	21.1	96	96	78	70	77	78	------
24	65.37	65.02	66.29	64.02	64.83	65.89	21.5	21.9	24.9	28	23.6	22.2	29.5	20.7	90	83	73	61	78	79	------
25	65.49	65.13	65.89	62.82	62.91	64.45	21.2	19.8	24	26.6	24	22.6	28.8	19.6	85	94	83	68	79	81	------
26	63.28	62.63	63.79	60.79	60.72	61.68	21.6	20.5	24	28.7	25.8	23.5	30.2	20.3	87	94	85	61	75	83	------
27	60	60.17	61.67	59.43	59.31	60.56	22.8	22.5	23.4	25.7	24.2	23.6	26.2	22	95	96	99	86	94	95	17.2
28	59.99	60.25	61.69	60.30	60.54	61.77	22.6	22.4	24.7	25.3	24.4	23.5	26.3	22.1	97	97	88	94	93	94	2
29	60.99	61.14	62.27	59.63	59.88	61.69	22.9	22.8	25	30.5	26	23.2	31.4	22.1	97	97	83	72	81	90	------
30	61.55	61.48	62.64	60.63	61.41	62.57	22.5	21.8	26.4	27.9	24	23.6	29	21.6	93	97	72	71	90	90	------
Mean	62.43	62.71	63.73	61.32	61.69	63.19	22.3	21.7	25.9	28.9	25.5	23.4	30.4	20.9	93.8	95.4	82.1	69.6	82.3	89.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	40.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	E	1	SE	2	S	2	Calm	----	Calm	----	8	------	S.-Cu. S	9	------	Cu.-N. SW
2	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	9	A.-Cu.	S.-Cu. SE	6	Ci.	Cu.-N. S
3	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	4	Ci.	S.-Cu.	6	------	Cu. S
4	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	10	------	N.	8	------	Cu.-N. SW
5	Calm	----	Calm	----	Calm	----	Calm	----	SE	2	Calm	----	2	------	Cu.-N.	10	------	Cu.-N. NW
6	Calm	----	SE	1	Calm	----	SE	1	Calm	----	Calm	----	10	------	N.	10	------	Cu.-N.
7	Calm	----	SW	1	S	1	Calm	----	Calm	----	Calm	----	8	------	Cu.-N. SE	4	------	Cu. SE
8	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	NE	1	8	------	Cu.-N.	5	------	Cu. E
9	SE	1	Calm	----	Calm	----	Calm	----	Calm	----	NE	2	6	------	S.-Cu.	5	------	Cu. SE
10	N	3	WNW	2	NE	2	NE	1	Calm	----	NW	2	7	------	Cu.-N. N	7	------	Cu. E
11	Calm	----	Calm	----	E	1	SE	1	Calm	----	Calm	----	3	------	S.	5	------	Cu. SE
12	Calm	----	Calm	----	NE	1	N	3	SE	1	Calm	----	2	------	S.-Cu.	10	------	N. NE
13	Calm	----	Calm	----	WNW	1	Calm	----	NW	1	NW	1	8	------	S.-Cu.	5	------	Cu. NE
14	Calm	----	Calm	----	NW	2	NE	4	N	3	NW	3	6	Ci.	S.	8	------	Cu. NE
15	NE	2	NW	1	N	2	NE	4	NE	3	NW	4	9	------	N. NE	8	------	Cu.-N. NE
16	N	3	NNW	2	NW	4	NE	5	NE	2	NW	3	3	Ci.	S.	8	------	Cu.-N. N
17	N	1	Calm	----	Calm	----	NE	2	NE	1	NW	1	5	------	Cu.-N. NE	8	------	Cu.-N. N
18	Calm	----	Calm	----	SE	1	Calm	----	NNE	1	N	1	0	------	------	8	------	Cu.-N. SE
19	Calm	----	Calm	----	Calm	----	NE	4	NW	2	NW	2	8	A.-S.	------	10	------	Cu.-N. N
20	NE	1	Calm	----	NE	2	WNW	1	Calm	----	Calm	----	10	------	Cu.-N. N	10	------	Cu.-N. NE
21	Calm	----	Calm	----	Calm	----	NW	2	NW	2	Calm	----	10	A.-S.	------	6	------	Cu. N
22	Calm	----	Calm	----	NNW	2	NE	3	N	3	NW	2	8	------	S.-Cu. N	10	------	Cu.-N. N
23	NW	1	Calm	----	NE	1	NE	2	N	2	NW	3	10	------	Cu.-N. E	8	------	Cu.-N. NE
24	NW	3	N	2	NW	2	N	2	NNE	3	NW	3	8	------	S.-Cu. N	7	------	S.-Cu. E
25	NW	1	Calm	----	N	2	NE	4	N	2	Calm	----	7	------	S.-Cu. NW	8	------	S.-Cu. N
26	Calm	----	Calm	----	Calm	----	NE	1	NE	2	N	1	6	------	S.-Cu. N	7	------	Cu. E
27	Calm	----	SE	1	S	1	Calm	----	Calm	----	N	1	10	------	N.	8	------	Cu.-N. S
28	Calm	----	Calm	----	N	1	Calm	----	Calm	----	Calm	----	10	------	Cu.-N.	10	------	N.
29	Calm	----	Calm	----	SE	1	NW	1	WNW	1	Calm	----	8	------	S.-Cu. SE	4	------	Cu.
30	N	1	NW	1	NW	2	N	5	NW	2	NW	2	6	------	S.-Cu. N	4	------	Cu. N
Mean	------	0.6	------	0.4	------	1.1	------	1.7	------	1.1	------	1.1	7	------	------	7.4	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=120° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.67	62.12	62.88	59.85	60.42	61.70	22.4	21.4	25.8	29.1	24.6	21.8	29.8	20.5	93	96	85	65	83	94	------
2	61.11	61.60	62.68	60.64	60.90	61.93	21.6	21.4	25.2	27.4	24.5	23	29.6	20.9	95	95	82	76	92	96	1
3	61.45	62.17	63.52	61.75	62.53	63.67	22.3	22.2	25	29.1	25.5	23.4	30.6	21.7	97	96	83	74	88	94	------
4	62.98	63.89	65.29	63.97	65.02	66.33	23	22	23.6	24.5	21.5	21.2	25.1	20.5	97	96	95	92	95	94	4
5	66.11	65.81	66.60	65.07	65.42	66.88	20.6	20.4	24	24.3	21.7	20.6	26.2	20	97	95	83	78	90	92	------
6	65.99	65.39	66.42	63.69	64.30	65.14	20.6	20.6	22.6	25.4	23.7	22	26	19.9	92	94	95	84	84	95	5.1
7	64.68	64.69	65.02	62.91	63.62	64.84	21.8	21.8	24.5	25	22.6	22.1	27.6	21.2	95	97	88	87	92	95	------
8	64.34	63.94	64.60	62.31	62.82	64.05	21.4	21.5	23.5	26.2	23.5	22.7	26.8	21	99	97	89	79	91	94	1.8
9	63.75	63.90	64.79	62.83	63.16	64.48	21.8	21.5	24.5	29.2	23.5	22	29.9	20.8	96	95	87	63	81	88	------
10	64.18	64.28	65.29	62.92	63.17	64.52	20.6	20.1	22.7	25	23.4	23	26.5	19.4	91	93	91	83	92	96	4
11	63.42	63.17	63.37	60.87	61.69	62.82	22.2	21.2	25.5	27	24.3	23.5	29	20.4	96	96	84	80	94	94	------
12	62.12	61.97	62.77	59.64	60.31	61.87	23.1	22.5	24.8	31.6	28.3	24	32.3	22	96	96	89	69	80	91	2
13	61.61	61.79	63.48	61.58	61.82	63.27	23.2	23.2	25	26.2	25.1	23.5	26.7	22.3	96	95	92	87	95	96	2.5
14	62.17	62.39	63.09	61.27	61.72	62.64	22.1	21.2	26.2	27.2	24.5	22.5	29.9	20.4	96	96	79	77	85	91	1.3
15	61.97	61.52	62.54	59.82	60.34	61.57	21.8	22.1	25.2	29.6	25.5	23.8	30.5	21.3	96	95	79	70	88	91	2
16	60.64	61.36	62.48	59.79	60.45	62.39	23	22.9	26.5	31.3	27.1	24	32.5	22.2	97	94	88	73	95	98	------
17	62.39	62.95	63.98	62.07	62.84	64.85	23.2	22.6	23.6	22.8	22	21.5	24.5	20.4	97	96	89	98	89	88	13.7
18	63.95	63.89	65.53	63.47	63.97	65.57	21	20.8	22.8	24.8	22	21.1	25.7	20.2	93	94	84	75	86	91	------
19	64.94	64.95	65.44	63.52	63.83	65.19	20.5	20.2	23.5	27	23.5	22	28.5	19.7	93	95	84	73	89	90	------
20	64.84	64.87	65.35	62.60	62.91	64.42	21.5	21	24.2	27	25	22.6	28.8	20.2	92	95	82	77	85	91	------
21	63.49	63.38	63.66	60.16	60.84	62.04	21.9	21.3	26.4	30.6	26.7	23	32	21	94	95	81	65	79	95	------
22	60.90	61.61	61.54	58.47	58.97	60.83	22.6	20.9	26.1	31.6	26.7	23.5	33.4	20.6	91	98	83	59	82	92	------
23	60.52	60.99	62.71	60.82	61.77	63.27	22.5	22.3	26.2	26.5	24	22.7	28	21.5	96	98	85	76	84	89	------
24	62.52	62.60	63.98	60.94	61.20	62.39	22.4	22.1	24.7	27.2	24.4	23.2	28.6	21.5	91	92	83	70	84	91	4.8
25	61.49	61.41	63.02	60.76	60.64	61.47	22.3	22	25	25.6	23.6	23.5	26.8	21.6	95	96	88	86	98	94	6.3
26	60.42	60.44	61.32	58.46	58.92	61.04	22.7	22.4	25.5	30	25.2	22.6	30.7	21.6	94	95	84	67	79	89	------
27	60.55	60.65	62.28	59.79	60.56	62.09	21.7	20.8	22.2	26.2	23	20.6	27	20.2	89	99	95	76	88	95	1.5
28	61.70	62.39	63.82	61.57	61.82	63.73	20.3	20.2	23.4	27.6	23.1	20.3	28.5	18.9	91	93	81	66	82	90	------
29	63.80	64.18	65.92	63.76	64.04	65.52	19.2	20.1	23	24	24.2	22	26.4	18.9	100	97	84	85	82	98	------
30	64.83	65.75	67.05	64.97	65.72	67.41	20.5	20.7	23.3	27.2	23.2	22.1	27.3	19.6	93	95	85	73	95	92	------
31	67.08	67.33	68.46	66.77	67.90	69.53	20.8	19.8	22	23.2	20.8	19.4	24.5	18.7	94	93	82	76	74	83	------
Mean	62.96	63.12	64.16	61.84	62.37	63.79	21.7	21.4	24.4	27.1	24.1	22.4	28.4	20.6	94.6	95.4	85.8	76.1	87.1	92.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	50

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NW	1	NE	1	N	1	NE	2	NW	2	NW	1	1	------	S.	6	------	Cu. NE
2	SE	1	Calm	----	E	1	NW	1	Calm	----	NE	3	10	------	N. NW	8	------	Cu.-N. NW
3	Calm	----	Calm	----	Calm	----	SE	1	NW	1	N	2	4	------	S.-Cu.	6	------	Cu., Cu.-N. E
4	Calm	----	Calm	----	NW	5	NW	6	NW	5	NW	6	8	------	S.-Cu.	10	------	N. N
5	NW	5	NW	4	NW	4	N	4	NW	3	NW	2	8	------	S.-Cu. NE	6	------	Cu. NE
6	NW	3	NW	1	N	1	N	2	NW	3	NW	1	10	------	N. N	8	------	Fr.-N. N
7	Calm	----	Calm	----	W	1	NE	2	Calm	----	Calm	----	10	------	N.	10	------	N. N
8	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	Calm	----	10	------	N.	10	------	Cu.-N.
9	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	NW	2	8	------	S.-Cu.	6	------	Cu. E
10	Calm	----	ENE	1	Calm	----	SE	1	Calm	----	Calm	----	8	------	S.-Cu. NE	8	------	Cu.-N. SE
11	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	8	------	Cu.-N.	10	------	Cu.-N. S
12	SE	1	Calm	----	SE	2	S	1	Calm	----	Calm	----	10	A.-S.	S.-Cu.	2	------	Cu.
13	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	------	S.-Cn.	10	------	Cu.-N.
14	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	8	------	S.-Cu. E	10	------	Cu.-N. E
15	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
16	Calm	----	Calm	----	S	2	SE	1	Calm	----	Calm	----	10	A.-S.	S.-Cu.	6	------	Cu. S
17	SW	1	SW	1	NNW	1	NW	3	NW	5	NW	5	8	------	S.-Cu. S	10	------	N.
18	NW	3	NW	2	NNW	2	NW	6	N	3	NW	3	10	------	Cu.-N. N	10	------	Cu.-N. N
19	NW	2	NE	2	NE	2	Calm	----	NW	1	N	1	8	------	S.-Cu. NE	4	Ci.-Cu.	Cu. E
20	Calm	----	Calm	----	NE	1	NE	2	Calm	----	Calm	----	9	------	S.-Cu.	7	------	Cu.
21	SE	1	S	1	S	1	S	2	Calm	----	Calm	----	10	------	S.-Cu.	8	Ci.-Cu.	Cu. S
22	Calm	----	Calm	----	S	1	SE	1	NE	2	N	2	3	------	S.-Cu.	0	------	------
23	Calm	----	Calm	----	N	2	N	2	NNW	3	NW	3	7	------	S.-Cu. NE	8	------	Cu.-N. N
24	NW	2	NW	2	NW	2	NW	1	NW	1	Calm	----	8	A.-Cu.	S.-Cu. N	8	------	Cu.-N. NE
25	Calm	---	NW	1	Calm	----	Calm	----	Calm	----	Calm	----	10	------	N.	10	------	N.
26	Calm	----	Calm	----	N	1	NE	1	NE	2	NW	2	10	------	N.	6	Ci.-S.	Cu. NE
27	N	1	ENE	1	NW	2	NE	3	NNE	2	NW	3	8	------	S.-Cu. N	7	Ci.-S. E	Cu.-N. N
28	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	7	------	S.-Cu. SE	6	Ci.	Cu. E
29	Calm	----	Calm	----	NE	1	N	1	Calm	----	Calm	----	8	------	S.-Cu. NE	10	------	Cu.-N. NE
30	Calm	----	Calm	----	NNW	1	NE	1	NW	2	NW	3	10	------	S.-Cu.	10	Ci.	S.-Cu. N
31	NW	4	NW	4	NW	3	NW	5	NW	5	NW	5	8	------	S.-Cu. N	8	------	S.-Cu. N
Mean	------	0.8	------	0.7	------	1.3	------	1.7	------	1.3	------	1.4	8.2	------	------	7.6	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JANUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.63	63.79	64.76	62.42	62.90	63.58	23.6	23.5	24	23.8	23.7	23	25.2	21.8	90	90	91	93	91	93	42.4
2	61.88	61.99	62.91	60.16	60.11	61.08	23.4	23.3	23	23.9	24	22.9	25.5	22.1	93	94	92	92	95	92	17.3
3	59.99	60.62	61.86	59.71	60.99	62.38	22	21.6	26	28	25	24.6	29	21.1	93	95	80	74	88	90	3.8
4	62.13	62.22	63.73	61.91	62.53	63.78	23.8	23	23.6	25.5	23.5	22.7	27.2	22	93	95	95	88	90	92	31.1
5	63.06	63.26	64.52	62.36	62.72	63.71	23.6	23.4	23.5	24	22.4	22.9	24.8	21.3	83	85	85	81	88	83	4.4
6	62.63	62.23	62.79	60.81	60.92	61.66	22.3	22.7	23	22.4	22	21.9	24.3	21.2	87	85	91	93	95	96	31.6
7	60.46	60.89	62.41	60.22	60.31	61.61	21.7	21.5	23	24.1	23.6	22.8	26	21	94	95	92	86	90	91	------
8	60.39	60.52	61.73	59.40	59.47	60.92	22	21.5	24.5	28.6	24.9	23.2	29.5	21	93	94	87	73	89	91	------
9	60.03	60.14	61.36	59.20	59.54	61.08	22.6	22	25.3	26.9	25	23.9	28.4	21	93	95	85	81	90	91	------
10	60.77	60.96	62.27	60.28	60.93	61.81	23.1	23	24	23.2	23.8	23.1	25.2	22.5	87	88	86	85	77	79	------
11	61.61	61.83	63.38	61.45	62.16	62.56	23.1	23.1	23.2	23.4	22.8	21.5	24.4	21	77	74	77	75	76	87	------
12	61.81	62.01	63.16	60.93	61.87	62.11	21.1	20.9	22.5	22.5	20.9	21	24	20.1	90	90	82	82	94	93	3.8
13	61.52	61.74	62.68	60.57	61.57	61.96	20.8	20.8	24.9	26.1	23.4	22.7	27.5	20.2	93	93	80	79	85	89	------
14	61.49	61.71	62.73	60.34	61.54	62.41	22.5	22.6	25.8	26	24.8	24.1	28	22	90	89	78	79	83	82	2.3
15	61.81	61.91	63.54	60.91	61.77	62.79	23.3	23	26	27.5	25.2	24.2	28.4	22.5	92	95	79	77	85	90	------
16	61.95	62.06	63.61	61.04	61.74	62.48	22.4	22.2	26.1	27.4	25.2	24	28.1	22	95	96	82	74	77	83	------
17	61.69	61.97	63.26	60.87	61.04	61.82	21.4	20.5	24.6	27.1	24.9	23.9	28	20	93	93	79	65	75	76	------
18	61.51	61.62	63.08	60.66	61.96	62.45	21.2	20.6	24.5	26	23.2	21.4	27	20.1	93	94	82	83	93	85	61.2
19	61.93	62.98	64.75	62.67	63.71	64.18	20.5	20.1	20.3	22.5	21.5	21	23	19.1	91	93	92	80	85	91	5.8
20	63.48	63.45	63.86	61.24	61.16	61.57	20.2	19.8	23.5	24.9	23.6	22.1	26.6	19.4	94	96	87	76	86	90	1.3
21	61.43	61.22	62.56	60.80	61.07	61.81	21.3	21.2	25.3	27	25.4	24.2	29.3	20.6	95	96	82	72	79	85	------
22	62.21	62.91	64.46	62.99	63.29	64.18	22.5	23.2	24.9	27.3	24.2	23.8	28	21	87	78	76	67	80	80	------
23	64.06	64.31	65.26	63	62.95	63.88	23.2	23	24.1	25.1	24	23.4	27	22.2	83	84	82	77	78	81	.5
24	63.57	63.94	64.99	62.46	62.64	63.87	22.5	21.7	24.9	26.5	24.4	24	27.1	21.5	87	94	80	69	78	78	1.8
25	63.98	65.32	66.71	65.07	65.86	67.23	22.4	21.8	22.4	22	21.4	21.1	24.6	20.5	88	91	91	95	91	90	32
26	66.93	67.28	68.86	67.22	67.80	68.78	21.3	21.5	22.1	20.5	19.7	19.5	23	18.6	79	76	70	81	82	82	9.8
27	67.11	67.36	68.41	65.95	66.11	67.09	20	20.4	21	23	21.9	21.2	24.5	18.6	76	73	70	69	66	70	.3
28	66.33	66.60	67.64	65.16	65.32	66.60	21	18.3	23.2	24.4	22.3	22	25.6	17.4	72	87	65	68	80	79	------
29	65.59	65.78	67.25	65.25	65.85	67.50	20.5	19.6	23.5	24.9	22.9	21.8	26	19.1	86	90	75	69	83	87	11
30	67.48	67.88	69.67	67.90	68.35	69.41	21	20.7	21.5	21.1	20.1	20.1	22.7	19	83	82	78	79	86	86	15.2
31	68.01	68.11	69.65	67.39	67.02	68.06	20.3	19.9	21	22	22	21.6	23.5	18.8	88	91	83	80	69	74	1.8
Mean	62.92	63.18	64.45	62.27	62.75	63.69	22	21.6	23.7	24.8	23.3	22.6	26.2	20.6	88.3	89.4	82.4	78.8	84	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	277.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	E	116.4	105.9	121	139.7	483	10	------	S.-Cu. ENE	10	------	N. NE
2	E	E	E	E	Calm	Calm	116.1	98	43.3	19.1	276.5	10	------	N. E	10	------	N.
3	Calm	Calm	SE	E	NE	NE	15.5	51.8	72.1	68.4	207.8	8	A.-Cu. S	S.-Cu.	1	------	Cu.-N.
4	NE	NE	Calm	NE	NE	NE	42.5	22.2	80.3	167.3	312.3	10	------	S.-Cu. E	10	------	S.-Cu.
5	NE	ENE	NE	NE	ENE	E	189.1	187.5	190.7	179.7	747	10	------	S.-Cu. ENE	10	------	N. NE
6	NE	ENE	ENE	ENE	E	E	152.6	179.4	155.9	85	572.9	10	------	N. ENE	10	------	N.
7	Calm	E	S	E	Calm	E	26.8	32.2	33	20.4	112.4	1	------	S.-Cu.	10	------	S.-Cu. E
8	Calm	E	S	E	E	E	20.6	76.6	72.7	30.3	200.2	0	------	------	3	------	Cu.-N. S
9	Calm	Calm	E	NE	NE	E	19.3	26.6	70	147.5	263.4	0	------	------	0	------	------
10	ENE	E	E	E	E	E	128.5	134.6	118.9	76.6	458.6	10	------	S.-Cu. E	10	------	S.-Cu. E
11	E	E	E	E	E	E	105.6	118.1	80.5	46.4	350.6	10	------	S.-Cu. ENE	10	------	S.-Cu. E
12	SE	SSE	SE	SE	Calm	Calm	40.2	45.4	24.1	22.3	132	10	------	S.-Cu. E	10	------	S.-Cu. E
13	SE	SE	SE	NE	NE	E	40	49.4	90.9	120.7	301	10	------	S.-Cu. E	0	------	------
14	E	Calm	E	E	E	E	50.2	36.7	64.7	41.2	192.8	9	------	S.-Cu. E	2	A.-Cu. SW	Cu.-N.
15	Calm	Calm	E	NE	E	Calm	19.5	37.3	73.2	30.9	160.9	9	A.-Cu. SW	S.-Cu.	0	------	------
16	E	W	Calm	NE	N	N	46.1	50.9	96	58.1	251.1	7	------	Cu.-N. NE	0	------	------
17	W	SW	SW	E	Calm	NW	44.6	53.4	52.1	44.8	194.9	0	------	------	0	------	------
18	Calm	S	W	NW	N	N	31.1	62.8	101.2	65.4	260.5	7	------	Cu.-N. W	4	------	S.-Cu. W
19	ENE	E	E	E	E	E	143.8	136.2	113	62.5	455.5	10	------	N.	10	------	S.-Cu. E
20	E	Calm	Calm	SW	E	E	46.4	24.4	42.1	38.3	151.2	10	A.-Cu. S	S.-Cu.	10	------	S.-Cu.
21	Calm	S	S	N	N	N	40.4	88.7	132.2	83.2	344.5	0	------	------	0	------	------
22	Calm	N	N	ENE	E	E	34.4	50.4	104.3	144.6	333.7	8	------	S.-Cu. N	0	------	------
23	E	E	SE	E	E	E	163.1	75.6	73.2	96.9	408.8	10	------	Cu.-N. E	10	------	S.-Cu. E
24	E	E	Calm	E	E	E	64.9	30.9	93.3	82.1	271.2	10	------	S.-Cu. E	0	------	------
25	Calm	NE	NE	NE	NE	NE	50.9	83.4	96.6	157.1	388	10	------	N. NE	10	------	N.
26	NE	NE	ENE	ENE	ENE	ENE	159	163.5	159	152.3	633.8	10	------	Cu.-N. NE	10	------	Cu.-N. NE
27	ENE	ENE	E	E	E	E	128.4	113.7	135.5	122.3	499.9	10	------	N. NE	8	------	Cu.-N. E
28	E	SW	S	E	E	E	65.5	45.3	113	81.8	305.6	1	------	S.-Cu.	10	------	S.-Cu. E
29	E	Calm	Calm	E	Calm	NE	39.2	36.7	60.6	130	266.5	9	A.-Cu. S	S.-Cu.	10	------	S.-Cu. E
30	NE	NE	NE	NE	NE	ENE	222.1	209.2	196.3	179.1	806.7	10	------	N. NE	10	------	N. NE
31	ENE	ENE	E	E	E	E	172	140.6	117.5	85.9	516	10	------	N. NE	10	------	S.-Cu. E
Mean	------	------	------	------	------	------	81.8	82.8	96	89.7	350.3	7.7	------	------	6.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,859.3	------	------	------	------	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	67.73	67.95	69.01	67	66.61	67.55	19	19.5	22.5	24.5	22.5	21.6	25.4	18	92	91	78	68	73	77	------
2	65.92	66.12	67.37	65.10	65.24	65.40	19.5	19.5	24	24.7	22.8	21.5	26	18	91	91	70	68	79	87	------
3	64.73	64.48	65.72	63.37	62.77	63.40	20.5	20.1	24.2	24.4	23	22.3	26.5	19.1	90	91	74	73	78	80	------
4	63.16	62.43	63.41	60.87	60.65	61.83	21.4	20.6	24.5	26.5	24.3	22.5	28.5	19.6	85	91	75	73	89	90	------
5	61.88	61.98	63.20	60.84	61.21	62.91	21	20.5	25	27.9	24.8	22.8	29.3	19.7	91	90	70	64	80	84	------
6	62.94	62.96	64.47	62.46	63.27	64.35	21.8	20.5	25.6	27	23.8	23	28.5	20	89	93	76	75	77	81	0.8
7	63.89	63.74	65.12	63.71	63.53	64.57	22.8	22	22.4	21.5	22.7	21.9	24.1	21	80	86	83	87	75	83	3.4
8	62.92	62.67	63.66	61.39	61.50	62.57	21.9	22	24	25	23.7	23.2	25.8	20.7	87	89	85	80	84	86	------
9	61.58	61.73	62.78	60.44	60.65	61.67	21.4	19.5	24.9	27.7	25	24.1	29.4	18.3	92	93	73	70	87	91	26
10	61.17	61.73	63.32	61.91	62.51	63.88	22.7	22.5	25.4	25.5	24	23.7	26.4	21.5	94	94	84	80	81	81	6.9
11	64.46	64.62	66.59	65.51	66.20	67.68	22.5	22.1	21.6	20.6	20.2	19.5	23.7	18.7	87	85	84	86	83	89	18.9
12	66.76	66.36	67.53	64.78	64.23	65.15	19.2	19.3	21.4	23	21.4	21.5	23.7	18.4	90	89	80	78	78	78	.8
13	64.31	64.55	65.60	62.84	62.61	63.77	20.1	20	24	25.1	23.8	21.6	26.5	19.4	90	91	74	71	80	90	------
14	63.19	63.56	64.76	62.30	62.41	63.90	20.4	21.5	25.1	27.6	25	23.2	29.5	19.5	92	87	74	69	79	88	------
15	63.46	63.61	65.44	63.05	63.84	65.48	22.1	21	25.4	28.6	26.7	24.2	29.5	20.6	90	91	72	66	73	82	------
16	64.83	65.51	66.74	64.06	63.94	64.80	23.8	20.8	25	28	24	23.7	28.6	20	85	91	71	61	81	82	1
17	63.73	64.21	65.36	63.01	62.65	63.26	23	21.8	23.6	24.1	23	22.4	25.5	21.2	86	93	86	74	90	91	.3
18	62.81	62.28	63.68	60.60	59.94	61.57	21.5	20.5	25.5	27.5	25.2	23.6	29	20.2	92	93	71	64	77	86	------
19	60.83	60.96	62.35	60.36	60.14	61.55	21.5	21.4	25.9	29.8	25.5	23.9	30.7	20.6	85	85	69	49	74	82	------
20	60.70	60.91	62.02	59.86	59.66	60.59	22.8	21.1	25.7	28	25.1	23.8	29	20.5	84	90	67	67	81	85	------
21	59.92	60.02	61.02	58.89	59.30	59.96	21.4	20.7	27	29	25.8	24.5	30	19.6	93	91	69	71	81	87	------
22	59.23	59.63	60.35	57.13	58.49	60.11	23.7	23	26.9	31.1	26.8	25	32.7	22.5	85	88	70	58	74	83	------
23	59.13	58.93	60.27	57.51	57.63	59.22	23.2	23	26.2	28	26.6	24.5	30.5	22.4	93	95	78	70	80	82	------
24	59.30	59.83	61.40	60.06	59.70	61.30	23.4	22.2	26.8	28.6	24.7	23.9	29.5	22	88	91	74	73	84	91	------
25	60.87	61	62.46	60.24	60.29	61.41	23.8	23.6	26	27	25	24.8	28.5	23	90	91	81	76	82	82	------
26	60.60	60.82	62.22	60.40	60.37	61.31	24.2	24	25.9	26.8	24.4	24	28.5	23.5	82	80	70	71	75	77	------
27	61.03	61.33	62.75	60.79	60.46	61.36	23.8	23.4	25.6	26.7	23.7	23.5	28	22.1	75	75	65	65	76	76	4.1
28	60.93	61.24	63.08	61.33	61.48	62.82	22.3	21.6	22.1	24.3	24.4	23.2	26.5	20.8	83	89	94	77	77	83	2.4
Mean	62.57	62.68	63.99	61.78	61.83	62.98	22	21.3	24.7	26.4	24.2	23.1	27.8	20.4	87.9	89.4	75.6	70.9	79.6	84.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	64.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SW	E	E	E	Calm	40	39.4	103.3	59.2	241.9	10	A.-Cu. SW	S.-Cu.	10	------	S.-Cu. E
2	E	Calm	Calm	E	E	E	42.5	35.1	69.4	30	177	10	------	S.-Cu. S	10	------	S.-Cu. E
3	Calm	Calm	SE	E	SE	E	20.7	40.5	58.9	38.1	158.2	1	------	S.-Cu.	10	------	S.-Cu. E
4	SE	S	S	E	E	Calm	47.8	73	80.2	38.4	239.4	0	------	------	0	------	------
5	E	ESE	SSE	E	NE	NE	52.8	80.7	83.1	49.3	265.9	0	------	------	0	------	------
6	Calm	Calm	E	NE	NE	ENE	20.6	41.2	139.4	144.8	346	1	------	Cu.-N.	8	------	Cu.-N. NE
7	E	E	E	ENE	E	E	88.2	108.8	123.3	93.9	414.2	10	------	Cu.-N. ENE	10	------	N. E
8	Calm	E	E	E	E	E	64.6	84.5	115.9	78.7	343.7	10	------	S.-Cu.	9	A.-Cu. E	S.-Cu.
9	Calm	Calm	S	NE	NE	Calm	31.9	73.2	84.2	47.8	237.1	0	------	------	0	------	------
10	NE	NW	NE	NE	NE	NE	44.9	86.7	83.7	132.3	347.6	10	------	N.	10	------	Cu.-N. NE
11	ENE	ENE	NE	NE	NE	E	165.9	184.4	171.2	158.3	679.8	10	------	N. NE	10	------	S.-Cu. NE
12	ENE	E	SE	E	E	E	109.7	50.9	126.1	87.5	374.2	10	------	N. ENE	10	------	S.-Cu. E
13	Calm	Calm	E	E	E	E	27.4	48	92	38.9	206.3	8	A.-Cu. SW	S.-Cu.	2	------	S.-Cu.
14	Calm	S	S	E	ENE	S	54.4	104.6	92.2	33.3	284.5	1	------	S.-Cu.	0	------	------
15	SE	SSE	SE	NE	N	NW	65.4	72.4	80.5	66.8	285.1	8	Ci. S	S.-Cu.	2	Ci. S	Cu.-N.
16	N	N	Calm	N	NE	E	72.2	51.8	77.9	97.9	299.8	2	------	Cu.-N. NE	0	------	------
17	E	E	SW	E	E	SE	54.1	58.5	86.1	35.9	234.6	10	------	N. ENE	10	------	S.-Cu. E
18	S	Calm	SE	ENE	E	E	27.6	54.4	80.3	38.6	200.9	0	------	------	0	------	------
19	E	SSE	SSE	SSE	E	E	59.8	106.8	93	46.4	306	0	------	------	0	------	------
20	NE	S	S	ENE	NE	S	39.9	70.2	69.2	35.1	214.4	0	------	------	10	Ci. SW	Cu.
21	Calm	SSE	S	NE	E	E	28.7	58.5	87.5	23.1	197.8	7	A.-Cu. SSW	S.-Cu.	5	A.-Cu.	Cu.
22	E	S	S	S	N	SE	79.9	118.5	121.8	44.5	364.7	9	A.-Cu. SW	S.-Cu.	1	------	Cu.-N.
23	NNW	W	S	E	ENE	NW	53.9	93	70.3	43.3	260.5	1	------	S.-Cu.	1	------	Cu.
24	SW	SW	NE	NE	ENE	ENE	38.6	44.8	122.9	142.2	348.5	1	A.-Cu. E	S.-Cu.	1	------	Cu.-N. NE
25	ENE	E	ENE	ENE	NE	NE	98.4	75.8	108.4	88.5	371.1	4	------	S.-Cu. E	0	------	------
26	NE	NE	NNE	NE	NE	NE	99.5	80.3	82.4	99	361.2	10	------	S.-Cu. NE	6	A.-Cu. SW	Cu.-N.
27	NE	NE	NE	NE	ENE	ENE	110.5	105.4	94.6	105.9	416.4	10	------	S.-Cu. NE	9	------	Cu.-N. NE
28	NE	SW	WSW	NE	NNW	ENE	99.5	72.4	40.8	59.2	271.9	10	------	Cu.-N. ENE	10	------	S.-Cu. E
Mean	------	------	------	------	------	------	62.1	75.5	94.2	69.9	301.7	5.5	------	------	5.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,448.7	------	------	------	------	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.23	62.93	64.68	62.89	63.01	64.57	22.8	22.4	26	27.4	24.5	23.5	28.1	21.6	84	86	69	64	70	76	12.7
2	63.33	63.56	64.85	62.45	62.17	63.36	22.2	21.5	24.1	26	24	22.8	27	20.6	82	87	81	72	75	84	8.9
3	62.29	62.49	64.22	61.89	62.01	63.37	22.8	21.7	21.6	26.4	24.5	24.1	27.2	20.9	84	94	95	75	76	78	10.6
4	62.53	62.69	64.01	61.49	61.56	62.75	23.7	23	24.5	25.5	23.1	22.8	26	21.2	77	81	79	72	79	81	5.6
5	61.78	61.51	63.54	60.88	60.63	62.24	22.7	22	21.6	22.6	21.7	22.2	23.9	21.1	83	89	95	95	92	91	34.7
6	60.33	60.94	61.98	59.74	59.34	61	22.4	22.6	24.1	25.2	25.3	24.1	27.9	21	93	93	91	87	84	91	5.6
7	59.91	59.41	60.55	58.14	58.36	59.47	23.1	22.6	27.4	28.1	25.1	25	29.5	22	90	91	78	77	86	87	------
8	58.45	58.60	59.39	56.94	57.20	58.38	23.9	23	27.1	27.5	27	25.4	30.9	22.4	87	88	73	77	77	85	------
9	57.70	57.93	58.88	57.31	57.98	58.92	24.6	23.6	26.7	28	25	25.2	28.8	22.4	88	93	82	79	87	85	2.3
10	58.77	59.28	60.95	59.60	59.55	60.48	24.8	24.6	25.1	26.4	25.6	24.9	27	23.8	87	87	88	86	82	84	3.3
11	60.27	60.13	61.15	58.42	57.84	59.27	23.7	23	25.6	27.5	27.1	24.9	28.8	22.4	92	95	83	76	82	87	------
12	58.77	58.99	60.49	58.51	58.72	59.63	23.7	23	26.4	27.1	25.8	25.2	29.4	22.4	92	95	82	80	78	79	------
13	59.28	59.70	60.61	57.81	57.56	59.75	24.7	24.2	25.6	27	26.2	25.7	28.5	23.5	79	80	79	67	78	80	------
14	59.66	60.32	61.81	60.03	60.04	61.82	25	24.6	26.5	26.8	25.9	24.9	29.1	23.6	79	79	69	71	67	73	------
15	60.36	60.72	61.72	60.16	59.70	60.34	24.2	24.4	26.5	27.5	25.5	24.5	28.3	23.1	77	77	70	70	75	82	------
16	59.55	59.78	60.29	58.09	58.86	59.90	23	22.8	26.8	31.5	26.8	25.8	32.2	22.1	90	89	68	50	78	85	------
17	59.70	60.56	60.56	57.86	57.37	59.61	24	23.2	27	29	26.1	24.8	31.1	22.4	88	91	75	71	67	80	------
18	59.40	59.51	60.70	58.18	58.46	60.24	23	22.7	27.2	31.4	26.8	26	32.7	22.1	83	83	68	60	81	82	------
19	59.48	59.68	60.46	57.88	57.89	59.62	24	23.2	27.5	31.5	27.3	25.2	32.2	22.8	91	93	73	60	76	85	------
20	59.33	59.91	60.81	58.27	58.15	59.30	24.4	23	28.5	30.9	27.5	25.2	33	22.6	87	88	64	64	76	90	------
21	58.56	58.90	59.44	57.54	57.31	58.23	24.5	22.5	27.8	29.6	26.8	25.2	30.4	22.1	92	94	74	66	67	88	------
22	57.43	58.36	60.26	57.90	57.47	58.72	25.8	25.4	28	29.9	27.5	25.8	30.6	24.5	87	87	74	70	70	81	------
23	58.18	58.44	59.13	56.88	57.19	59.27	24.1	23	27.8	30	27.5	26	30.9	22.5	91	93	74	69	79	89	------
24	59.13	59.71	61.06	59.14	59.46	61.50	24.8	24	27.9	29.1	27	26.5	30.4	23.4	90	90	72	67	83	83	3.8
25	60.89	61.71	62.85	61.55	61.25	62.95	25.8	24.8	26	26	23.6	23	28.2	22.5	85	88	81	74	81	86	4.3
26	61.90	62.03	63.61	61.51	61.13	62.33	23.7	23.1	23.4	24.1	23.4	23.8	25	22.5	87	90	88	82	88	88	3
27	61.68	61.83	62.75	60.34	60.35	62	22.8	22	26.2	27.9	25.2	24.9	28.8	21.6	93	95	75	71	85	86	28.4
28	60.98	61.96	63	60.74	60.40	61.46	24.7	23.6	27.4	28.4	27	26.2	29.4	22.7	87	95	78	72	77	79	------
29	61.20	61.87	62.96	60.16	60.04	61.52	24.2	24	28.9	29.9	28.5	25.9	30.5	23	88	88	72	69	74	78	------
30	61.42	61.66	62.82	60.08	59.59	61.04	24	23.2	27.1	29.6	27.3	24.7	30.5	22.5	91	95	76	66	70	81	------
31	61.06	61.11	62.26	59.83	59.47	61.15	24.2	22.5	29	30	27.7	26	31.5	22.1	82	85	60	65	75	80	------
Mean	60.18	60.52	61.67	59.43	59.36	60.78	23.9	23.2	26.3	28	25.9	24.8	29.3	22.4	86.6	89	77	71.7	77.9	83.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	123.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	33.6	65.5	77.5	78.1	254.7	10	------	N. NE	0	------	------
2	Calm	ENE	ENE	ENE	ENE	E	71.8	160.9	153.7	127	513.4	10	------	Cu.-N. NE	8	A.-Cu. E	Cu.-N.
3	E	S	N	NE	E	E	60.6	93	91.1	73.4	318.1	10	------	Cu.-N. E	10	A.-Cu. E	S.-Cu.
4	E	E	SE	E	E	E	53.9	122.1	130.4	113.3	419.7	10	------	S.-Cu. E	10	------	S.-Cu. E
5	ENE	NE	NE	NE	NE	ENE	131.4	115.9	162.5	198.9	608.7	10	------	N.	10	------	N.
6	ENE	NE	Calm	ENE	E	Calm	122.9	66.3	85.5	40.2	314.9	10	------	N.	2	------	Cu.-N.
7	Calm	SE	SE	E	SSW	S	38.1	56.3	91.5	66.2	252.1	1	Ci.	S.-Cu.	8	------	Cu.-N. E
8	Calm	SSE	S	NE	E	S	38	81.1	62.5	52.5	234.1	4	Ci.-Cu. SW	S.-Cu.	0	------	------
9	NE	SW	Calm	NE	NE	E	28.8	30.8	119.4	99.5	278.5	10	------	S.-Cu. SW	1	------	Cu.
10	NE	NE	NE	NE	NE	Calm	108.4	119.1	76.1	64.9	368.5	10	------	S.-Cu. NE	10	------	S.-Cu. NE
11	E	Calm	Calm	ENE	SE	S	16.4	17.4	75.3	46.2	155.3	10	A.-Cu. W	S.-Cu.	0	------	------
12	SE	SW	W	NE	NE	NE	35.7	48.1	101.4	76.4	261.6	1	------	S.-Cu.	10	------	Cu.-N. W
13	Calm	Calm	NE	ENE	E	NE	32.4	31.9	71.9	70.6	206.8	10	------	S.-Cu. NE	0	------	------
14	NE	NE	NE	NE	NE	NE	70.5	77.2	98.5	104	350.2	10	------	S.-Cu. NE	5	A.-Cu. SW	Cu.-N. NE
15	ENE	E	Calm	E	E	S	64.4	32.2	116.5	65.7	278.8	10	------	S.-Cu. S	9	Ci.-S. S	Cu.-N.
16	S	S	S	S	N	Calm	60.4	137.9	90.4	47.8	336.5	0	------	------	0	------	------
17	N	S	S	NE	E	W	51.7	105.2	90.1	48.9	295.9	8	A.-Cu. S	S.-Cu.	0	------	------
18	SSE	SSE	S	S	NE	E	70.2	110	77.2	34.4	291.8	2	A.-Cu. W	S.-Cu.	1	Ci.-S.	------
19	E	S	S	S	E	S	46.4	107.8	93.3	59.5	307	0	------	------	0	------	------
20	S	S	S	E	NE	SW	83.7	112.7	84	26.9	307.3	2	A.-Cu. N	S.-Cu.	0	------	------
21	NE	Calm	Calm	NE	NE	Calm	39.1	44.5	71.4	29.6	184.6	0	------	------	0	------	------
22	Calm	N	NE	NE	ENE	E	28.4	64.4	83.4	53.6	229.8	8	------	S.-Cu. N	0	------	------
23	NW	Calm	S	NE	ENE	W	52.5	51.5	84.8	48.9	237.7	0	------	------	1	------	Cu.
24	E	SW	S	N	N	N	49.6	42.5	79.9	75.3	247.3	7	------	Cu.-N. S	0	------	------
25	N	NE	NE	NE	ENE	ENE	75.9	118	153.4	141.6	488.9	10	------	Cu.-N. NE	10	A.-Cu. SE	Cu.-N. NE
26	ENE	ENE	E	E	ENE	E	142.6	166.5	164.9	106.8	580.8	10	------	Cu.-N. ENE	10	------	Cu.-N. ENE
27	Calm	SW	SE	NE	ENE	ENE	21.9	45.4	103.3	117.5	288.1	2	------	S.-Cu.	0	------	------
28	E	E	Calm	NE	NE	NE	54.4	20.7	75.6	51.7	202.4	10	------	Cu.-N. E	0	------	------
29	W	SW	S	NE	E	NE	46.2	59.7	91.4	33.5	230.8	0	------	------	0	------	------
30	NE	SSW	Calm	E	E	SSE	22.2	36.4	99.8	71.4	229.8	0	------	------	0	------	------
31	S	S	S	ENE	E	S	86.3	80.8	85.1	69	321.2	0	------	------	1	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	59.3	78.1	98.1	74	309.5	6	------	------	3.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,595.3	----	------	------	----	------	------

APARRI.

[φ=13° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

APRIL, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.92	61.01	61.49	59.10	58.71	60.29	24.8	23.5	28.3	31.5	27.5	24.5	32	23.1	85	85	68	60	81	91	------
2	59.45	59.68	60.96	58.65	58.56	59.66	23.2	22.4	28	29.5	27.4	25.6	31.6	22	88	82	63	68	80	85	------
3	59.03	59.48	60.69	58.41	58.87	60.02	23.9	22	27.1	29.1	27	25	30	21.6	91	95	76	68	64	87	------
4	59.62	59.77	60.69	58.51	58.55	60.21	23.8	23.2	28.1	30	28	26	31.2	22.5	88	88	70	65	74	87	------
5	59.70	59.93	60.50	57.92	57.74	59.50	23.9	22.5	28	32.1	28	26.4	33	22.1	86	85	63	51	70	81	------
6	58.68	58.92	59.79	57.14	57.54	58.96	24.8	24	28	31	27	26	32.1	23.6	87	90	70	62	78	82	------
7	58.16	58.78	59.90	57.76	57.66	59.29	25	24	27.4	29.5	27.4	26.7	30.5	22.9	83	90	74	64	73	77	------
8	58.61	58.88	59.96	58.14	58.49	59.72	25	23.6	29	29.8	28.2	25.4	32	23.1	88	90	62	66	73	90	------
9	59.37	59.48	60.46	58.46	57.86	59.97	24.6	24.2	27.5	30.4	27.5	25	31.5	22.4	93	93	77	69	72	87	------
10	59.43	59.44	60.25	57.68	57.74	59.44	23.8	23.7	28	30	28.2	25.6	31.6	22.6	88	77	61	62	68	79	------
11	58.89	59.08	59.89	57.97	58.39	60.01	24.1	22.4	28.9	30.4	28	25.6	32.2	22.1	82	88	67	65	70	90	------
12	59.48	59.73	60.28	58.33	59.31	60.82	24.8	23	29.3	30.5	26	25	32.7	22.1	90	90	66	65	87	85	------
13	59.47	59.93	60.56	57.90	57.96	59.84	23.9	24	29.6	31	28.2	26.5	32	23.1	91	86	66	67	72	80	------
14	59.57	59.71	60.59	57.74	58.14	59.95	25.7	24.2	30.1	30.6	28.6	26.7	33.4	23.6	83	88	65	65	76	86	------
15	59.49	58.86	59.89	57.66	57.56	58.98	25.2	24.5	29.2	30.5	28	26	31.5	24.1	90	92	75	70	80	90	------
16	58.29	58.43	59.60	57.58	57.71	59.89	24.8	23.5	27.6	29.9	27.6	26.5	31	23.1	85	92	80	69	80	83	------
17	59.16	59.10	60.19	57.91	58.35	60.44	25	23.8	28	30.5	28	21.5	31.4	20.6	90	93	81	70	74	92	19.8
18	59.96	60.13	61.69	59.53	59.81	61.42	22	22.8	27.4	28	26.7	23.1	30.6	21.1	91	91	78	74	77	94	29.7
19	60.41	60.61	61.36	59.38	59.06	60.40	22.8	22.5	26.6	28.1	26.6	25.4	29.4	21.6	89	90	83	80	83	90	1.3
20	59.59	59.96	61.31	58.76	59.74	61.19	24.2	24.1	28.8	30	28	23.7	32	22.4	90	89	69	73	83	91	.5
21	59.77	60.25	60.83	58.29	58.24	60.19	23.2	23.8	28.5	30.5	28.5	27	32.8	22	93	91	74	85	77	80	------
22	59.50	59.65	60.55	58.90	58.88	60.07	25	24	29	31.9	28.2	26.9	33.5	23	83	85	62	73	80	88	------
23	59.33	59.66	60.01	57.26	56.80	58.86	25	24.5	29	32.6	28.5	26.1	33.6	23.6	87	84	67	72	70	74	------
24	58.68	58.80	59.61	57.34	57.28	59.17	25	23.5	29.5	31.4	28.5	26.2	33	22.3	76	82	58	66	70	76	------
25	58.99	59.12	59.75	57.38	57.52	59.90	24.7	24.5	30	31.1	28.8	26	33	23.5	81	81	59	64	67	76	------
26	59.11	59.56	60.69	58.54	58.63	59.96	25.2	24	29.6	30.5	28.9	25.2	31.9	23.6	79	83	68	65	69	80	------
27	59.53	60.01	60.81	58.82	58.80	60.20	24.1	23.2	29.5	31.1	28.6	24.8	32.5	22.6	84	88	66	66	63	80	------
28	59.55	59.72	60.16	58.30	58	59.59	24.1	22.2	29.4	30.5	28	26.3	32	21.5	82	88	62	66	76	77	------
29	59.51	59.72	59.82	57.48	57.44	58.82	24	22.6	30.1	30.4	28.5	25.5	32	21.9	86	93	63	70	66	83	------
30	58.03	58.29	58.41	56.19	56.38	57.90	24.5	23.6	30	31.3	28.6	26	32.5	22.1	86	90	62	64	76	90	------
Mean	59.31	59.52	60.36	58.10	58.19	59.82	24.3	23.5	28.6	30.5	27.9	25.5	32	22.5	86.5	88	68.5	67.5	74.3	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	51.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	S	S	SE	ENE	W	100.4	126.5	98.5	49.6	375	7	A.-Cu. S	S.-Cu.	3	Ci.-S.	Cu.-N.
2	NE	SSE	S	N	N	Calm	45.4	68.4	100.4	37.8	252	0	------	------	0	------	------
3	W	WSW	Calm	NE	NE	W	61.8	42.1	76.9	62.8	243.6	3	Ci.	Cu.-N.	1	Ci.	Cu.-N.
4	NW	SW	S	NE	NE	SW	58.5	92.7	83.7	35.7	270.6	0	------	------	0	------	------
5	NE	Calm	S	S	NE	NNE	44.8	104.3	78.3	47.8	275.2	1	A.-Cu. W	S.-Cu.	0	------	------
6	SW	SSE	S	E	NNW	Calm	13.5	66.8	92.2	34.8	207.3	0	------	------	0	------	------
7	Calm	Calm	Calm	NE	ENE	NE	5.6	23.1	79.5	38.6	146.8	10	------	S.-Cu. E	0	------	------
8	SW	Calm	Calm	NE	NE	W	43	28.8	78.9	51.5	202.2	6	A.-Cu.	S.-Cu.	0	------	------
9	W	W	SSE	NE	ENE	Calm	31.7	44	81.8	28.4	185.9	0	------	------	0	------	------
10	SE	S	S	NE	ENE	NW	58.5	106	81	39.9	285.4	0	------	------	0	------	------
11	Calm	SE	S	NE	Calm	NW	31.4	78.7	71.1	22.8	204	0	------	------	1	Ci. W	Cu.-N.
12	Calm	Calm	SSE	NE	S	SE	8.9	79.7	112	58.5	259.1	0	------	------	0	------	------
13	SE	SSE	S	NE	E	S	46.7	91.7	105.9	67	311.3	0	------	------	0	------	------
14	S	S	S	ENE	N	NW	88.8	123.9	100.4	73.7	386.8	0	------	------	1	Ci. W	Cu.-N.
15	NW	Calm	NW	N	NE	W	42	44	81	45.9	212.9	0	------	------	8	Ci. W	Cu.-N.
16	Calm	WSW	W	N	N	E	30	55.5	80.3	37.3	203.1	2	------	S.-Cu. E	0	------	------
17	NW	WSW	S	NE	NE	E	49.6	53	109.1	83.1	294.8	0	------	------	0	------	------
18	SE	Calm	NE	ENE	ENE	S	33.2	41.3	93.1	58.5	226.1	10	A.-Cu. SW	S.-Cu.	10	Ci.-S.	S.-Cu.
19	Calm	SSE	Calm	NE	ENE	Calm	34.6	42	72.7	16.4	165.7	10	------	Cu.-N. SSE	10	Ci.-S.	Cu.-N.
20	Calm	SE	S	ENE	Calm	W	29.6	81.8	59.2	51.2	221.8	6	A.-Cu. SW	S.-Cu.	7	Ci.-S. W	Cu.-N.
21	W	SW	S	NE	NE	SW	36.7	114.3	93	47.8	291.8	0	------	------	0	------	------
22	S	S	S	NE	N	N	49.7	116.9	93	58.9	318.5	0	------	------	0	------	------
23	W	SSE	S	S	E	Calm	49.3	96	100.4	37.3	283	0	------	------	0	------	------
24	Calm	S	S	NE	E	E	30.9	73.8	90.4	53.7	248.8	0	------	------	1	------	Cu.-N.
25	S	S	S	SE	E	S	65.8	89	95.5	33.5	283.8	0	------	------	4	------	Cu.-N. S
26	S	SSE	SE	E	E	Calm	71.4	65.2	101.6	41.8	280	0	------	------	1	------	Cu.-N.
27	Calm	Calm	SE	NE	E	Calm	8.3	46.9	100.4	34.6	190.2	0	------	------	1	------	Cu.-N.
28	Calm	SSE	S.	NE	ENE	E	25.7	59.2	79.4	65.5	229.8	0	------	------	1	Ci.-Cu.	Cu.-N.
29	E	Calm	S	NE	E	Calm	19.3	53	86.6	41.2	200.1	0	------	------	2	------	Cu.-N.
30	Calm	Calm	S	NE	NE	S	13.4	80.3	91.2	43.7	228.6	0	------	------	8	Ci.-S. W	Cu.-N.
Mean	------	------	------	------	------	------	41	73	88.9	46.6	249.5	1.8	------	------	2	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,484.2	------	------	------	------	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MAY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.63	57.79	58.26	56.59	56.68	58.58	25.5	24.2	30	31.1	28.5	24.2	32.9	23.6	88	85	64	62	75	90	------
2	57.85	58.03	58.93	57.53	57.45	59.79	23.4	23.6	30.4	31.5	28.2	26.7	32.3	22.4	93	90	62	66	76	82	------
3	59.16	59.71	61.05	59.54	59.05	61.01	24.8	23	29	30.1	28	26.1	32	22.4	88	93	71	71	73	86	------
4	59.33	59.44	60.13	58.14	57.50	59.17	24.7	23.5	29	31.3	28	26.7	32	23.1	89	94	74	66	79	82	------
5	58.22	58.38	58.94	55.98	56.69	58.75	25.4	23.6	29.5	30.6	28.5	26.2	32.1	21.8	88	97	65	67	73	86	------
6	57.11	57.78	59.05	57.61	57.96	59.30	25	24.3	29.5	28.6	27.6	24.5	30.5	22.6	90	92	68	78	83	94	5.4
7	58.01	57.38	58.06	56.50	56.17	57.53	24	23.7	27.6	27	26.5	26	29.5	23.1	93	94	81	86	82	84	5.1
8	56.22	55.98	56.35	54.38	54.60	56.35	25.1	24.4	29.6	33	29	26.2	33.9	24	88	90	71	58	72	81	------
9	54.35	54.25	54.97	52.94	50.93	51.14	25.1	24.3	26	26	25	23.4	27.5	22.4	86	91	85	94	92	97	131.4
10	52.96	53.46	55.51	54.75	55.77	57.03	24.7	24.5	27.6	27.6	27.1	26	28.7	24.1	84	86	81	87	88	90	1.3
11	56.19	56.68	57.92	56.37	57.52	59.14	25	23.7	29.5	31	28.4	27	32	23.4	92	92	72	71	82	89	------
12	58.28	58.61	58.83	57.19	57.93	59.04	25.8	25.2	29.6	26.5	28	26.4	32.6	24.7	92	93	77	93	88	94	3.8
13	58.01	58.22	58.28	56.62	56.64	57.75	25	24.5	30	30.5	29.5	27.5	32.7	24.2	95	96	71	68	81	87	------
14	56.78	57.37	57.93	55.69	56.28	57.53	25.9	25	30.5	31.2	29.6	28	32.6	24.5	88	90	65	68	72	83	------
15	56.01	57.37	57.64	56.12	56.34	58.54	26.1	25.2	30.5	31.8	29	27	33	24.6	88	92	71	69	75	87	------
16	57.66	58.05	58.55	58.21	57.74	60.38	25.8	24.8	30.6	28	28.2	28.5	33.3	24	85	83	57	78	69	70	------
17	59.46	59.88	60.36	58.59	58.61	61.37	25.2	24.5	29.6	31	28.9	23.9	32	22.5	83	86	70	72	76	87	9.2
18	59.81	59.97	60.24	58.39	59.21	61.44	23.6	23.5	28.5	31.5	29	24.5	32.2	22.6	90	90	74	69	76	92	3
19	59.72	59.61	59.99	58.23	58.78	60.05	24.2	24.1	28.2	32.5	28.5	25.9	32.9	23.3	88	91	79	61	80	85	16
20	59.26	59.39	60.13	57.98	59	60.34	24.9	24.2	29.3	31.1	25.7	25.1	33	23.6	87	91	73	71	80	84	------
21	59.38	58.48	59.51	58.29	58.96	59.26	24.6	24.7	29.6	31.5	28.5	27.5	33	23.7	88	89	72	69	80	78	------
22	58.96	59.40	59.61	57.89	57.89	59.24	25.2	25	29.1	31.5	28.6	26	32	24.2	90	92	74	60	69	81	------
23	58.17	58.38	58.68	56.73	56.78	58.09	25.1	24.9	29.9	31.4	30.4	27.5	32.6	23.4	86	91	69	67	78	91	------
24	56.98	57.18	57.96	56.29	57	58.44	25.9	25	30.4	32	29.1	28.5	33	24.6	88	90	68	68	73	77	------
25	57.54	58.28	59.27	57.74	58.04	59.66	26.7	25.7	30.5	32	29.2	28.5	33.5	25.1	86	93	71	71	74	81	------
26	58.86	59.16	59.72	57.93	57.97	60.38	26.2	25	29.9	31.5	29.2	27.8	33	24.4	87	90	73	65	76	86	------
27	59.74	59.54	59.71	57.88	57.60	59.79	26.1	25	29	31.9	29.5	26.6	32.5	24.1	91	95	76	67	73	90	------
28	58.16	58.35	58.64	56.43	56.28	58.64	25.6	24	29	32.4	30.8	28.7	33.3	23.5	85	86	72	66	69	75	------
29	58.01	58.01	58.11	56.96	57.53	59.01	26.6	25	30.2	33.2	29.8	29	34.1	24.7	83	90	68	64	71	76	------
30	58.86	59.41	59.48	57.92	57.70	60.20	26.6	25.8	30.5	31.7	30.5	27	33.4	24.8	83	85	63	64	61	81	------
31	59.56	59.99	60.63	58.59	57.78	59.45	26.1	25.2	29.1	31.8	29.2	26.8	33.1	23.6	85	88	70	67	75	81	------
Mean	57.94	58.18	58.79	57.13	57.24	58.92	25.3	24.5	29.4	30.7	28.6	26.6	32.3	23.6	88	90.5	71.2	70.4	76.5	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	175.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	SE	S	NE	NE	SW	51.2	96	112	42.8	302	0	------	------	0	------	------
2	NE	SE	SE	NE	E	E	47	79.9	126.9	100.4	354.2	0	------	------	0	------	------
3	SW	Calm	E	NE	E	E	35.2	52.8	134.9	90.4	313.3	1	A.-Cu. SE	Cu.-N.	2	------	Cu.-N.
4	E	WSW	ENE	ENE	ENE	ENE	46.5	56.5	115.3	112.3	330.6	1	------	Cu.-N.	1	------	Cu.-N.
5	E	S	NE	ENE	E	E	25.5	55.8	127	93.5	301.8	0	------	------	2	Ci.-S.	Cu.-N.
6	SE	SE	E	E	E	SSE	41.6	48.3	71.4	46.1	207.4	8	Ci.-S. SE	S.-Cu.	8	------	Cu.-N. ESE
7	SE	SSE	Calm	SE	SE	SE	40.2	55.5	87.1	78.6	261.4	10	Ci.-S. SW	S.-Cu.	10	------	S.-Cu. S
8	SE	SSE	S	S	S	S	72.9	111.5	139.5	122.8	446.7	10	A.-Cu. SW	S.-Cu.	9	A.-Cu. S	S.-Cu.
9	SSE	SSE	S	S	SE	S	157.5	109.6	65.4	227.5	560	10	Ci.-S.	S.-Cu.	10	------	S.-Cu.
10	SW	SSW	NW	N	NW	NW	159.3	140	198.2	70.8	568.3	10	------	S.-Cu. SSW	10	A.-Cu. W	S.-Cu.
11	SW	W	SW	NE	NE	NE	35.6	49.1	89.9	36.8	211.4	0	------	------	0	------	------
12	NE	SW	SSE	NE	NE	Calm	40.4	62.6	77.5	34.9	215.4	7	A.-Cu. SW	S.-Cu.	10	------	N. NE
13	NE	SW	SW	NE	SSE	E	54.5	79.9	77.9	43.8	255.6	0	------	------	8	------	Cu.-N. W
14	E	WSW	S	NE	NE	E	58.9	75	107.8	69.4	311.1	0	------	------	0	------	------
15	E	W	S	NE	ENE	S	62.8	43.1	91.4	44.8	242.1	7	A.-Cu. SW	S.-Cu.	1	------	Cu.-N.
16	NE	SW	SW	N	NW	N	48	88.5	195.8	149.5	481.8	9	Ci.	Cu.	7	Ci.	Cu.-N.
17	NW	NW	SW	NE	ENE	E	46.1	65.4	116.5	107.5	335.5	8	Ci. E	Cu.-N.	0	------	------
18	S	SSE	S	NE	N	SW	92.3	101.1	86.1	74.8	354.3	9	Ci.-S. W	S.-Cu.	6	Ci.-S. W	Cu.-N.
19	S	S	S	S	N	W	87.5	126.5	80.5	56.6	351.1	8	Ci.-S. NW	S.-Cu.	1	Ci.-S.	Cu.-N.
20	NW	NW	SW	ENE	NW	WSW	43.3	61.8	85.5	60.6	251.2	5	Ci.-S. W	Cu.	5	Ci.-S. W	Cu.-N.
21	NW	SW	S	NE	N	WSW	53.7	99.2	94.6	78.9	326.4	0	------	------	1	Ci.-S.	Cu.-N.
22	N	S	SSE	NE	ENE	SW	57.6	104.6	98.2	68.9	329.3	7	Ci. NE	Cu.-N. SE	0	------	------
23	SE	SE	SE	NE	E	W	55.2	53.6	84.5	54.1	247.4	7	------	S.-Cu. SE	7	Ci.	Cu.-N.
24	SE	SE	SSE	NE	N	N	61.7	86.6	112.7	65.7	326.7	0	------	------	0	------	------
25	N	S	S	NE	NNE	N	47	73.4	72.4	67.9	260.7	0	------	------	1	------	Cu.-N.
26	NE	S	SE	NE	NNE	W	54.4	55.5	92.8	75.3	278	10	A.-Cu. E	S.-Cu.	7	Ci.	Cu.-N.
27	NW	W	NW	NE	NNE	NNW	34.9	46.2	97.4	90.7	269.2	2	------	Cu.-N. NE	0	------	------
28	SW	SW	S	NE	NE	NNW	67.1	111.6	98.8	103.6	381.1	2	Ci. E	S.-Cu.	1	Ci.-S.	Cu.-N.
29	SW	S	SSE	E	NNE	W	55	111.6	96.9	83.1	346.6	0	------	------	1	------	Cu.-N.
30	W	S	S	NE	E	E	48	80	99	65	292	10	Ci. SE	Cu.	1	------	Cu.-N.
31	SW	SW	S	E	E	SSE	43.1	91.1	99	70	303.2	3	Ci.-S. E	S.-Cu.	9	Ci.-S.	Cu.-N. S
Mean	------	------	------	------	------	------	58.8	79.8	104.3	80.2	323.1	4.6	------	------	3.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,015.8	------	------	------		------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.73	58.94	59.54	57.46	56.68	58.68	26.1	25.2	30.4	32.4	31	27.5	34	24.5	85	90	68	68	65	79	------
2	58.17	58.34	58.59	57.20	57.21	58.63	26.7	25.5	31.1	33	31	28.4	34.2	24.9	82	86	62	63	72	88	------
3	57.52	57.79	58.07	56.56	56.75	57.66	26.6	25.5	31.3	32	30	28.3	34.5	25	87	91	64	66	77	85	------
4	56.38	56.52	57.34	56.37	56.18	57.86	26.5	25.6	30.5	29.5	29.6	28.1	32	25	88	92	72	75	78	84	------
5	56.11	56.06	56.49	54.45	55.22	56.83	26.3	25.2	30.6	32	30	27.8	34	24.6	90	87	70	66	77	89	------
6	56.18	56.39	57.78	55.94	57.08	58.28	25.7	25.6	26.1	31.2	25.8	24.2	32	23.6	89	90	87	74	92	93	9.8
7	57.43	57.63	58.39	57	57.21	58.26	24	24	27.9	30.6	27	24.8	32.4	23.1	90	91	81	62	77	89	------
8	57.72	58.03	58.29	56.63	57.12	58.68	24.8	24	29.2	32.5	30.5	26	34	23.5	85	90	70	61	70	82	------
9	57.76	58.67	58.46	56.37	57.19	58.84	25	24.5	29.6	32.1	29	28.5	33.1	23.9	88	92	70	66	79	77	4.8
10	58.51	57.98	58.46	57.49	58.04	59.50	25.2	24	29	29.4	28.5	27	33	23.1	85	91	72	71	75	86	------
11	58.31	58.07	59.07	56.96	57.61	58.64	25.8	24	28.5	32.5	29.3	28	33.5	23.4	88	90	76	58	72	80	------
12	58.42	58.47	58	56.40	57.04	58.54	25.3	24.6	29.9	33	30.8	28.6	34	24	88	90	69	61	71	80	------
13	58.11	58.26	58.31	56.80	57.17	58.98	26.9	25	30	32.1	30.5	28.6	33.8	24.6	85	90	71	63	68	78	------
14	57.93	58.04	58.11	56.43	56.89	59.34	26.4	25.1	30	33	29.8	26.5	33.6	24.1	86	91	72	61	75	85	------
15	58.27	57.81	57.18	56.29	56.44	58.64	25.9	25.5	30.1	30.8	30	28.8	33.6	24.6	86	88	71	68	73	75	.8
16	58.90	56.99	57.89	56.43	56.87	58.71	24.7	24.6	28.7	32.4	30.2	29	33.6	23.6	89	90	78	64	73	79	------
17	57.84	57.68	58.35	56.76	57.61	60.41	26.9	26.3	30.4	32	29.6	26.5	32.8	25	86	90	73	66	77	88	3
18	59.48	59.09	59.23	57.80	58.51	60.35	24.7	23.8	29.1	33	29.6	28.5	33.4	23.2	89	90	77	61	78	84	3.8
19	60.82	60	60.88	59.19	59.05	60.84	25	23.6	28.2	31.5	30.2	27.8	33.4	22.1	92	93	74	68	73	82	------
20	59.52	59.77	59.70	58.38	58.04	59.66	25.2	25	29.7	31	30	26	33	24	88	90	71	69	74	90	------
21	58.09	58.23	58.53	57.19	56.75	58.66	25.8	24.2	29.9	32	30.8	26.5	33.7	23.8	85	86	69	66	74	83	------
22	57.86	58.03	58.06	56.87	58.05	59.50	26.4	24.6	30.4	32.6	26	24.5	34.2	23.6	79	90	66	59	84	91	4.1
23	58.17	58.83	59.05	57.42	57.22	59.09	24.6	24.2	30.2	32.5	30.8	28.6	33.5	23.6	83	86	72	63	72	85	------
24	58.62	58.76	59.49	58.21	60.76	61.36	26.7	25	31	32.9	23.7	23.2	33.8	22.4	88	90	68	67	82	94	26.1
25	59.66	60.38	60.80	59.19	58.61	60.19	23.7	23.5	28.4	31.9	30.7	27.4	33.4	23	89	90	75	67	72	87	------
26	59.90	60.01	60.29	58.12	58.59	59.71	26.5	25	30	31.6	30.2	27.5	33	24.6	88	90	68	68	74	84	------
27	58.48	58.63	59.09	57.76	57.84	59.24	26	24.6	30.5	31.2	30.4	27.8	33.1	24.1	89	92	68	71	72	88	------
28	59.01	59.29	60.04	58.38	59.51	60.22	26.2	24.5	29.5	31.5	25.2	25.2	33.5	24.1	87	86	71	66	93	93	70.4
29	59.29	59.53	60.34	57.80	58.80	59.79	24.8	24	28.5	31	27.8	26.2	31.5	23.4	93	95	77	71	82	89	------
30	59.16	58.83	58.89	57.06	57.65	59.39	25.6	25.2	29.8	31.5	30.5	27.5	32.4	24.1	92	93	73	69	71	81	1.3
Mean	58.34	58.37	58.76	57.16	57.59	59.15	25.7	24.7	29.6	31.8	29.3	27.1	33.3	23.9	87.3	90	71.8	65.9	75.7	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	124.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SSE	SSE	NE	E	E	52.6	79.4	------	53.9	------	1	Ci.-S. N	Cu.	8	Ci.-S. N	Cu.-N.
2	E	SE	S	NE	NE	N	66.2	104.9	101.1	68.6	340.8	0	------	------	1	Ci.	Cu.-N.
3	SW	S	S	N	N	Calm	59.8	94.6	119.1	54.1	327.6	0	------	------	10	Ci.	Cu.-N.
4	NW	S	S	N	N	N	58.5	96.6	122.1	37.6	314.8	0	------	------	4	Ci.-S. W	Cu.-N.
5	N	SSE	S	N	Calm	SW	72.9	101.4	------	------	------	0	------	------	8	Ci. W	Cu.-N.
6	Calm	Calm	SW	NE	W	Calm	------	------	87.1	56	------	10	Ci.-S. N	S.-Cu.	8	Ci.-S.	Cu.-N.
7	W	S	S	NE	SW	S	62	86.4	82.1	63.1	293.6	7	Ci.-S. SW	S.-Cu.	7	Ci. W	Cu.-N.
8	S	S	S	ENE	NW	SW	59	115.1	104.6	82.7	361.4	1	Ci.-Cu.	S.-Cu.	1	Ci.-S.	Cu.-N.
9	SW	S	S	NE	N	N	77.2	122.6	102.7	67	369.5	5	A.-Cu. S	S.-Cu.	8	Ci.-S. N	Cu.-N.
10	S	S	S	NW	N	N	98	112.9	103.2	81.6	395.7	10	Ci.-S. S	S.-Cu.	10	------	Cu.-N. SW
11	N	S	S	S	NE	N	60	126.9	88.5	67.6	343	10	A.-Cu. W	S.-Cu.	5	Ci.-S. N	Cu.-N.
12	NW	SSE	S	NE	NNW	NW	62.2	138.4	103.8	120.2	424.6	7	Ci. N	S.-Cu.	2	Ci.-S.	Cu.-N.
13	N	SW	S	E	N	N	47.7	105.2	101.9	93.1	347.9	7	Ci. NE	Cu.	8	Ci.	Cu.-N. S
14	NW	SW	S	NE	N	NW	59.7	99.6	101.4	90.4	351.1	7	Ci.-S. E	------	8	Ci.-S.	Cu.-N. S
15	SW	SW	S	SW	N	E	49.9	136.2	146.7	89.8	422.6	8	Ci.-S. E	S.-Cu.	8	Ci.-S.	Cu.-N. W
16	SW	SSE	S	NW	NE	NE	43.8	101.7	85	60.6	291.1	10	Ci.-S.	S.-Cu. E	2	------	Cu.-N.
17	SW	SW	S	NNE	NE	SW	62.6	56.3	104.6	109.4	332.9	1	Ci.	Cu.-N.	1	------	Cu.-N.
18	S	S	S	E	N	NE	108.6	109.4	114.3	93	425.3	0	------	------	0	------	------
19	SW	S	S	NNW	N	N	89.5	108.1	94.8	48.8	341.2	1	A.-Cu.	S.-Cu.	0	------	------
20	N	SW	S	N	N	S	60.2	114.8	115.1	86.6	376.7	7	Ci.	Cu.	10	Ci. NE	Cu.-N.
21	S	S	S	N	Calm	SSE	94.4	147.3	104.3	49.3	395.3	0	------	------	1	------	Cu.-N.
22	S	S	S	NE	S	S	54.7	66.3	86.9	62.8	270.7	8	Ci.	Cu.	8	Ci.	Cu.-N.
23	S	S	S	N	N	NE	78.3	78.3	75.1	60.4	292.1	10	Ci. E	Cu.	2	Ci.-S.	Cu.-N.
24	NW	S	S	NE	SSE	S	59.5	63.4	118.8	84	325.7	0	------	------	9	Ci.-S. E	Cu.-N.
25	S	SW	S	ENE	ENE	Calm	79.5	109.7	78.3	28	295.5	9	A.-Cu. E	S.-Cu.	7	Ci.-S. E	Cu.-N.
26	E	SW	S	NE	E	Calm	50.9	94.3	98.8	50.1	294.1	10	Ci.-S. W	S.-Cu.	8	Ci. NE	Cu.-N.
27	E	S	S	NE	ENE	W	61.8	79.1	80.2	47.7	268.8	0	------	------	9	Ci.-S.	Cu.-N.
28	S	S	S	ENE	N	SSW	96.6	117.3	96.3	41	351.2	9	A.-Cu. SE	S.-Cu.	4	------	Cu.-N. SW
29	W	S	S	E	NW	SSE	67	89.5	133.3	56.6	346.4	9	Ci.-S. E	S.-Cu.	7	------	Cu.-N. S
30	SE	SE	SE	NE	NE	ENE	41.2	47.3	82.1	74.6	245.2	10	Ci.-S.	S.-Cu.	8	Ci. NE	Cu.-N.
Mean	------	------	------	------	------	------	66.7	100.1	101.2	68.2	338.7	5.2	------	------	5.7	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JULY, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.96	58.09	58.89	57.21	58.43	59.94	27	25	29.4	32.5	30.2	28.1	33.5	24.6	83	92	74	60	70	81	------
2	59.01	59.12	60.06	58.64	58.05	59.32	25.9	24.6	30	31.6	31	27.2	33.1	24.3	86	92	72	66	67	78	------
3	59.60	59.88	60.20	58.28	58.22	59.25	26	25.1	30.1	33	30.1	27.7	33.6	24.4	84	86	69	63	73	87	------
4	59.07	59.06	59.24	57.91	57.29	58.88	26.6	25.2	30.5	32.5	30.8	28.7	33.4	24.8	89	88	68	66	72	83	------
5	58.26	58.50	59.15	57.94	56.93	57.96	27	25.1	30.5	31.9	29.5	28.2	32.5	24.4	86	94	69	70	79	82	1.3
6	58	58.08	58.24	57.11	56.10	58.69	27	26	30.5	33	31.7	28.2	33.7	24.4	89	92	70	64	70	79	------
7	58.19	57.51	57.50	56.08	56.50	58.44	27	25.6	30.6	33.3	31	28.4	34.5	25.1	84	92	70	64	69	82	------
8	58.81	57.65	57.18	56.41	57.21	58.41	26.9	26	30	32	29.7	27.9	33.5	25.5	88	94	73	66	76	84	------
9	57.18	57.21	57.44	56.06	55.89	57.06	26.4	25.6	30	32.3	29.7	28.8	33.1	24.8	89	90	73	62	75	79	------
10	56.51	57.02	56.73	55.62	55.98	57.31	26.9	25.5	30.4	31	25.6	25	33.9	24	86	93	73	72	88	87	1.3
11	56.72	56.90	57.34	55.45	56.07	58.02	24.6	24.3	29	32.5	29.8	26.5	33.5	23.6	88	89	75	63	75	88	------
12	57.21	57.83	58.29	57.12	57	59.01	25.9	24.6	29.6	32	29.7	29.1	33	24.1	88	85	69	66	75	77	------
13	57.83	58.63	58.44	56.85	56.94	57.85	25	24.5	30.4	29.8	29	27	32.4	23.5	88	91	73	78	76	89	------
14	56.71	56.61	56.76	55.08	54.64	55.54	26	25	30	32.4	29.8	28.7	33.2	24.5	90	93	71	69	75	80	------
15	54.09	54.08	53.77	52.20	51.18	53.47	27.9	26.6	31.5	33	29.8	27.6	33.6	25.6	82	90	72	67	79	87	1.3
16	52.02	52.51	52.68	51.08	50.71	52.06	27.2	26.2	30	27.4	28	25.8	31.1	23.5	87	94	75	81	85	92	38.5
17	51.07	51.90	52.24	51.59	51.44	52.62	25.7	25.1	28	30.4	27.8	26.4	31.1	24.6	91	94	82	69	82	81	------
18	51.65	51.80	52.64	50.93	51.29	53.12	25.7	25.4	30	32.5	30	28.2	33.6	24.5	83	85	69	69	81	74	------
19	51.39	51.51	51.99	50.77	51.76	53.73	27.5	26.5	30.7	32.5	29.5	27.9	33.9	25.6	78	83	62	58	66	75	------
20	52.48	52.61	53.58	51.82	53.22	54.19	27.6	26.8	30.2	33.5	30.2	27.8	34	26.2	74	78	70	56	66	73	------
21	53.58	53.54	54.43	53.25	54.31	54.87	26.8	27.5	29.8	32.5	26	25.2	33.4	24.6	71	70	69	69	95	92	2.5
22	53.72	53.71	53.89	52.61	53.18	53.88	25	24.9	30	31.6	27	25.5	32.8	24.1	92	91	74	70	87	92	4.1
23	52.67	52.85	53.02	51.81	51.34	52.35	25.1	24.8	28.5	30	28.2	27	32.1	24.1	91	92	78	75	80	90	------
24	51.43	51.56	51.97	50.73	51.75	52.88	26	25	30.2	32.5	25	25	33.5	24.2	90	92	74	68	92	92	4.6
25	52.70	53.10	54	52.90	54.83	55.83	25	25	29.5	31	24	24.8	33	23	92	93	75	71	91	88	24.5
26	55.25	55.89	55.99	55.37	55.84	57.64	24.1	23.6	30	31.2	29.5	27	32.4	22.6	92	93	71	71	73	89	------
27	55.83	55.96	56.66	54.89	55.01	55.18	25.8	25	30	30	28.8	25.4	32.7	24.1	92	93	74	77	82	92	1
28	53.64	53.12	53.90	50.76	48.55	46.57	24.5	24.2	24.3	27.1	25.6	26.9	28.5	23.5	92	93	96	87	94	93	89.7
29	42.35	39.40	41.41	41.11	40.29	43.86	27.4	27.5	23.8	26	24.4	24	28.9	23	91	91	91	77	82	85	49.6
30	44.01	46.92	49.48	49.91	50.93	53.29	23.9	24.4	26.4	28.6	26.8	26.2	30	22.6	86	83	77	71	84	94	------
31	53.23	53.43	54.74	54	54.14	55.86	25.7	25	29.5	29	29	27.5	33.5	24.4	89	85	75	78	81	88	------
Mean	54.59	54.71	55.22	53.92	54.03	55.39	26.1	25.3	29.5	31.2	28.6	27	32.7	24.3	86.8	89.4	73.6	69.1	78.7	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	218.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	S	NE	NE	W	50.5	79.9	84	49.9	264.3	1	Ci.-S.	S.-Cu.	0	------	------
2	W	SW	SSW	E	NE	S	52.1	74	84.5	44.9	255.5	0	------	------	9	Ci.	Cu.-N. E
3	SE	S	S	S	ENE	SW	70.8	58.9	87.7	70	287.4	1	Ci.	Cu.	5	Ci. E	Cu.-N. S
4	SW	SW	SW	NE	ENE	E	72.1	63.8	104	83.9	323.8	0	------	------	1	------	Cu.-N.
5	E	Calm	S	NE	E	E	36.5	50.9	88.2	67	242.6	0	------	------	9	Ci.-S. E	Cu.-N.
6	E	S	SE	NE	SW	S	32.4	56.5	83.7	38.6	211.2	2	Ci.-S.	S.-Cu.	1	------	Cu.-N.
7	S	SSW	S	NE	NE	NW	56	111	106.2	83.1	356.3	0	------	------	9	Ci. E	Cu.-N.
8	N	SW	Calm	NE	N	S	39.4	45.3	131.2	74.5	290.4	7	Ci. E	S.-Cu.	8	Ci. E	Cu.-N.
9	NW	S	SW	N	N	NE	50.2	54.5	81.6	56.9	243.2	10	Ci.-S. SW	Cu.	9	Ci.-S. SW	Cu.-N.
10	NE	SSE	S	E	SW	Calm	52.1	86.3	88.5	37	263.9	7	Ci.-S. NE	Cu.	10	------	Cu.-N. S
11	SW	SW	S	S	NE	NW	52	76.9	88.7	69.5	287.1	7	Ci.-S. E	S.-Cu.	2	Ci.-S.	Cu.-N.
12	W	SSW	SW	E	NE	NNW	45.9	54.7	76.1	71.8	248.5	10	Ci.-S.	S.-Cu.	8	A.-Cu. E	Cu.-N.
13	W	SSE	NW	NE	ENE	SSW	58.9	50.9	86.1	82.9	278.8	2	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
14	SW	SW	SW	NE	NE	E	50.4	47.8	98.8	91.2	288.2	1	Ci.-S.	Cu.	1	------	Cu.-N.
15	E	Calm	ENE	NE	E	E	39.1	54.1	113.7	50.5	257.4	7	A.-Cu. W	Cu.-N.	3	Ci.-S.	Cu.-N.
16	E	N	NE	NW	NW	E	43.8	73.4	76.1	62	255.3	10	------	Cu.-N. E	10	Ci.-S. E	Cu.-N.
17	WSW	WNW	SW	W	S	S	95.5	88.7	86.9	120.5	391.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
18	S	S	S	NW	SW	SW	141.1	125.2	52.8	90.7	409.8	10	Ci.-S.	S.-Cu.	10	Ci.-S. SW	S.-Cu.
19	S	S	SW	NW	SW	SW	113	154.8	197.9	106.8	572.5	10	A.-Cu. W	S.-Cu.	10	Ci.-S.	Cu.-N. W
20	SW	SW	S	SW	S	SW	88.5	136.2	173.2	81.9	479.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
21	SW	SSW	SW	SW	SW	SSW	82.9	94.1	73.7	49.1	299.8	10	Ci.-S.	S.-Cu. W	10	Ci.-S. W	Cu.-N.
22	S	S	SSE	N	SW	WSW	68.2	74.6	80	64.2	287	8	Ci.	S.-Cu.	7	A.-Cu. W	Cu.-N.
23	S	SSW	Calm	N	ENE	Calm	46.7	41.8	70.8	47.7	207	1	Ci.-S.	Cu.-N.	9	Ci.-S. E	Cu.-N.
24	Calm	S	SE	ESE	W	S	37.6	73.7	105.2	47.2	263.7	6	Ci.-S. E	Cu.-N.	6	Ci.-S. E	Cu.-N.
25	Calm	SW	S	ENE	Calm	SE	38.1	94.3	83.5	60.7	276.6	8	A.-Cu. S	S.-Cu.	10	------	Cu.-N. sw
26	S	Calm	S	NE	NE	S	61.8	57.9	66.8	37.6	224.1	5	Ci.-S. SW	S.-Cu.	5	A.-Cu. SW	Cu.-N.
27	S	S	S	E	NE	SW	64.6	68.2	60.4	70.3	263.5	8	Ci. S. E	Cu.	10	------	S.-Cu. NE
28	SW	SW	SW	NW	NW	N	62.2	76.6	172.5	271.9	583.2	10	Ci.-S.	S.-Cu. N	10	------	N.
29	N	NE	S	SE	SE	S	246	249.6	287.4	267.7	1,050.7	10	------	N. NE	10	------	N.
30	SSE	SSE	S	S	Calm	S	211.8	180.8	89	31.6	513.2	10	------	S.-Cu.	10	------	S.-Cu. S
31	S	S	S	NW	NE	NE	54.9	103	82.7	28.2	268.8	10	Ci.-S.	S.-Cu.	10	A.-Cu. S	Cu.-N.
Mean	------	------	------	------	------	------	71.5	85.8	102	77.7	336.9	6.2	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,445.2	------	------	------	------	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

AUGUST, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.97	55.11	55.51	54.12	54.79	56.33	26.7	25	29.8	32	27.1	23.5	33	22.8	90	92	75	69	88	92	7.9
2	55.17	55.39	55.66	54.70	54.90	55.92	24	24	28.3	30.9	29.4	25.6	32	22.8	90	91	78	70	71	90	------
3	55.51	55.73	56.40	54.74	55.08	55.88	25.5	24.5	29.4	32.6	28	25.7	33.4	23.6	88	87	72	65	77	84	------
4	55.43	55.63	55.64	54.18	54.18	55.51	24.7	24.6	28.9	32.3	28	26.8	32.8	24	84	85	71	64	83	86	------
5	54.78	54.80	55.11	53.94	54.36	56.11	25	24.2	28.5	30.5	27.6	24.8	32	23.6	88	91	78	68	79	92	------
6	54.94	54.66	55.33	54.04	54.39	55.66	24	23.6	27.9	32	28.5	26.4	32.4	23	93	93	78	66	74	89	------
7	54.53	54.68	55.54	54.07	54.66	55.84	25	24.6	28.5	32	26	25.5	32.9	23.5	90	90	74	69	92	91	1.3
8	54.88	55.05	55.24	54.73	55.16	56.74	25.1	25	29	31.2	29	28.2	32.5	24.1	92	92	74	71	78	82	------
9	55.06	55.11	56.24	55.38	54.82	55.84	26.7	25.5	29.5	30	28.5	27.7	31.5	24.9	88	91	75	69	70	70	------
10	55.52	55.36	55.91	54.59	55.41	56.19	26.8	25.7	31	32	27	26.7	32.6	25.1	77	83	68	66	87	77	2
11	55.01	54.80	55.66	54.13	54.99	56.51	25.2	24.6	30	31.5	25.5	24.9	33.6	23.8	87	90	71	65	94	91	1.8
12	55.08	55.28	56.36	54.96	55.30	56.93	24.8	24.5	28.4	30.6	28.2	25.5	31.5	24	89	92	84	63	74	91	.8
13	55.83	56.08	56.95	55.42	55.39	56.84	25.1	24.2	29.5	31.4	29.6	27.5	32	23.8	91	93	75	69	70	82	------
14	56.01	55.96	57.04	55.42	54.84	55.55	26.7	25	29	30.5	28.6	28.2	30.9	24.8	85	93	81	68	79	80	------
15	54.74	54.28	54.21	51.86	50.43	47.88	28	27.5	27.9	28	26.6	26.1	29.5	24.5	80	82	85	85	90	94	42.7
16	42.07	32.87	38.80	46.19	51.31	55.34	26	24.9	24	24	25.7	25	28.5	22.6	97	94	93	86	74	79	17.8
17	55.98	57.20	59.26	58.54	59.19	60.59	24.1	24	28.9	31.7	29.8	25.6	32.4	22.7	84	90	73	63	73	90	------
18	59.86	60.01	60.89	59.33	59.51	60.34	25.1	24.2	29.3	31	29.5	27	31.5	23.6	91	93	76	73	73	86	8.1
19	58.83	58.13	58.26	56.55	56.41	57.49	26.8	24.8	27.5	29	27.2	27	30.6	24.6	90	95	84	83	86	84	.5
20	56.54	56.31	56.27	55.81	55.69	57.73	26	25	29.5	27.5	28	25.3	31	24.4	90	93	77	88	82	93	7.9
21	55.92	55.65	56.91	55.67	55.63	57.37	24.8	24	28.1	30	28.8	27.5	32.8	23.3	85	91	80	75	76	81	------
22	55.79	55.63	56.56	55.25	55.22	56.30	26	24.6	28.8	31.5	29.3	27.4	32	24.1	89	93	76	65	77	86	------
23	55.18	55.36	56.07	54.59	54.90	56.30	26.6	24.6	29.5	32	29	25.2	32.6	24.4	87	95	75	67	74	85	------
24	56.03	56.18	56.71	54.95	56.05	57.85	24.8	24.4	29.5	31.2	29.6	28	32	23.6	87	88	72	68	71	82	------
25	56.87	57.22	58.40	56.77	57.39	58.91	26	24.6	29.5	31.8	29	27.8	32.6	24.1	89	93	71	64	76	83	------
26	57.11	57.02	57.35	55.27	55.11	56.25	25.8	24.5	29	32	28.9	26.8	32.5	24.1	88	94	74	66	74	86	------
27	54.63	54.44	54.90	53.28	52.91	54.22	25.7	24.6	29.5	31.5	28.9	27.8	32.1	24.1	89	93	75	68	74	82	------
28	53.38	53.70	54.69	52.76	53.09	55.16	26.4	25.5	29.5	32	29.6	27.9	33.1	24.6	87	91	75	67	70	78	------
29	55.36	55.78	57.16	55.51	55.43	57.44	26.8	26.2	30.6	32	30.7	27.9	33.1	25.6	84	89	71	69	72	90	------
30	56.92	57.16	58.21	56.72	56.94	58.56	27	25.7	30.4	32	29	27.5	33.1	25.1	92	93	72	66	79	88	------
31	57.43	57.64	58.53	56.81	56.46	57.96	27.4	25.8	27	30.5	28.6	26.4	31	25.4	84	93	90	71	76	90	6.9
Mean	55.33	55.10	55.99	54.85	55.16	56.50	25.8	24.8	28.9	30.9	28.4	26.6	32	24	87.9	91.1	76.5	69.9	77.8	85.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	97.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	SE	E	NW	SSE	53.9	69.4	85.3	71.8	280.4	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.-N.
2	S	S	S	NE	NE	S	84.3	84.8	67.3	43.1	279.5	10	Ci.-S.	S.-Cu.	1	------	Cu.-N.
3	NE	SW	S	E	Calm	S	48.3	86.4	62	51.5	248.2	0	------	------	2	Ci.-S.	Cu.-N.
4	S	S	SSW	NE	W	W	49.6	60	72.1	54.7	236.4	0	------	------	1	------	Cu.-N.
5	SE	S	S	NE	NNW	SSW	67.4	76.7	94.8	59	297.9	7	Ci.	S.-Cu.	7	A.-Cu. W	Cu.-N.
6	SW	SW	S	NE	NE	S	68.4	118.1	59.5	52.1	298.1	0	------	------	8	Ci.-S. E	Cu.-N.
7	S	S	S	NE	SW	SW	87.9	98.5	69.2	54.4	310	8	A.-Cu. W	S.-Cu.	8	Ci. E	Cu.-N.
8	SW	S	S	N	ENE	WSW	82.1	100.6	69.2	48.1	300	1	Ci.-S.	S.-Cu.	10	A.-Cu. W	S.-Cu.
9	W	SSE	S	NW	W	SW	76.4	108.6	67.9	98.7	351.6	10	Ci.-S. N	S.-Cu.	10	------	S.-Cu. W
10	SW	Calm	WSW	N	S	S	41.3	66.5	62.5	34.3	204.6	9	A.-Cu. W	S.-Cu.	10	Ci.-S.	Cu.-N.
11	S	SSE	S	NE	W	SW	70.8	68.6	76.2	68.6	284.2	9	A.-Cu. W	S.-Cu.	8	------	Cu.-N. NW
12	SW	SSE	S	E	NE	SE	76.6	55.3	64.7	60	256.6	10	Ci.-S. S	S.-Cu	7	Ci.-S. E	Cu.-N.
13	SE	SE	SE	NE	ENE	SE	57.3	72.9	76.2	52.5	258.9	0	------	------	0	------	Cu.-N.
14	NE	SSW	S	NE	NNW	NNW	44.9	36.8	125.5	182.9	390.1	7	Ci.-S. E	S.-Cu.	9	Ci.-S. E	Cu.-N.
15	NW	NW	NW	NW	NNW	NNW	144.2	170.4	163.1	284.6	762.3	8	Ci.	Cu.-N. NW	10	Ci.-S.	Cu.-N. NW
16	NW	W	SE	SSE	SSE	SSE	427.4	590.5	366.1	133.1	1,517.1	10	------	N.	10	------	N.
17	SSE	SSE	SE	S	ENE	Calm	57.3	74.8	68.1	29	229.2	10	A.-Cu. SSE	S.-Cu.	10	Ci.-S.	S.-Cu.
18	Calm	S	E	NE	NE	ENE	19.6	38.9	95.6	81.6	235.7	0	------	------	0	------	------
19	ENE	SSE	NW	NE	ENE	E	49.9	42	76.9	56.9	225.7	10	------	N. E	10	Ci.-S. E	Cu.-N.
20	W	Calm	SSE	N	ENE	SW	31.6	36.4	76.9	73.8	218.7	1	------	S.-Cu.	10	------	N.
21	SE	SE	S	N	ENE	ENE	45.3	87.7	81.9	44.6	259.5	0	------	------	1	------	Cu.-N.
22	SE	SSE	S	NE	NNW	Calm	52	59	73.2	25.9	210.1	8	Ci. E	S.-Cu.	6	Ci.-S. E	Cu.-N.
23	S	S	S	NE	N	S	44.9	42.6	70.6	47.3	205.4	0	------	------	1	------	Cu.-N.
24	SSW	SSE	S	NE	NNE	NE	70.2	54.7	88.3	46.2	259.4	0	------	------	0	------	------
25	SW	S	S	N	N	NW	59.5	67.6	95	54.7	276.8	0	------	------	1	------	Cu.-N.
26	S	S	S	NE	NE	SW	59.2	75	73.5	44.6	252.3	0	------	------	1	------	Cu.-N.
27	W	S	Calm	NE	NE	ENE	42.6	47.2	106.7	91.7	288.2	0	------	------	2	------	Cu.-N. E
28	S	SE	SSE	NE	E	E	39.1	68.9	95.3	67.4	270.7	0	------	------	1	------	Cu.-N.
29	Calm	W	SE	ENE	ENE	W	31.1	56.3	74.8	49.4	211.6	7	A.-Cu. SE	S.-Cu.	1	------	Cu.-N.
30	W	WSW	Calm	NE	NNE	NE	52.1	43.5	90.1	81.8	267.5	2	Ci.	S.-Cu.	1	Ci.-S.	Cu.-N.
31	W	W	W	NNW	NW	S	53.7	51.2	103.3	50.2	258.4	9	Ci.-S. E	Cu.-N.	10	Ci.-S. E	Cu.
Mean	------	------	------	------	------	------	70.6	87.4	92	70.8	320.8	4.7	------	------	5.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,945.1	------	------	------	------	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.68	56.43	56.93	55.56	54.76	55.88	25	24.5	28	30.9	27.6	26.6	31.6	24	87	91	81	69	86	90	58.3
2	54.46	54.25	54.61	52.39	51.78	51.71	25.8	25.1	28.3	30.1	26.9	27.5	31.5	24	92	94	82	81	88	89	106.9
3	49.62	47.43	46.62	44	42.57	40.46	27	28	28.5	29	27.3	26.8	30.5	24	86	85	83	82	86	92	126
4	37.06	36.94	40.08	42.02	43.96	48.99	25	23	23.5	23.5	24.3	25.2	27.4	22.1	93	95	89	91	82	80	20.1
5	49.91	50.77	52.42	52.68	53.42	55.81	24.8	24	26.3	28.1	26.4	26	28.6	23.5	82	81	94	98	95	95	------
6	55.66	55.80	56.62	55.12	56.11	57.74	25.5	24	29.5	32.3	29.3	28	33	23.4	89	91	69	64	80	86	------
7	56.73	57.06	57.71	55.95	56.44	57.35	25.9	25	30.2	30.2	28.5	27.4	31.5	24.5	88	92	69	73	81	89	------
8	56.12	56.22	56.74	54.70	54.20	55.35	26.5	25.6	28.5	31	29.9	27.8	31.6	25.1	91	93	78	68	75	89	------
9	54.66	54.81	54.75	52.96	52.56	53.88	26.6	26.1	26.6	28.6	28	26.4	29.5	25.1	87	86	87	80	86	89	2.4
10	52.74	50.88	51.90	50.40	49.80	51.23	25.4	24.8	25	26	26	26	26.6	24.1	90	88	92	89	90	87	2.3
11	49.83	50.36	52.22	51.42	53.57	55.78	24.6	24.5	28.9	30.9	26	25.7	31.5	23.6	87	86	68	66	90	89	2.5
12	55.58	56.08	57.51	56.40	57.43	59.26	24.8	24.5	28	31	26.5	27.3	32	24	92	91	77	65	86	88	------
13	59.01	59.18	59.84	58.53	58.92	61.04	25.9	24.5	29.8	30	28.4	28	31.7	24	91	92	79	72	79	82	------
14	59.41	59.50	60.05	58.29	57.64	58.66	26.2	24.6	28	29.2	28.1	28	30.2	24	90	93	80	79	82	83	23.8
15	57.21	56.96	56.83	54.09	53.34	51.33	25.8	26	25.8	27.4	26.5	26.5	28.5	23.8	88	90	89	89	86	93	(a)
16	46.81	41.44	43.58	47.81	50.32	54.16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	(a)
17	54.23	55.16	56.23	55.15	56.31	57.58	23.7	23.5	26.5	29	27.6	26.6	30.5	23.2	89	90	80	75	81	89	------
18	57.43	57.55	58.31	57.20	58.11	59.28	25.6	24.5	28.1	31	27.4	25.9	32	24	90	91	76	71	80	89	------
19	59.25	59.71	60.19	58.41	58.99	60.81	25.1	24.4	28	31	29	27.5	31.5	23.8	91	95	81	68	79	85	------
20	59.30	59.63	59.84	58.06	58.06	59.64	26.5	25.5	29	31	28.5	27.5	32	25	90	94	75	71	77	82	1
21	58.06	58.38	58.21	56.36	56.58	58.46	26.6	24.8	28.5	30.7	28.1	27.6	31.5	24.3	86	92	78	72	84	83	------
22	57.82	58.01	59	57.35	58.01	59.78	26.5	25.6	30.4	31.5	28.4	27.5	32.1	24.7	88	93	71	68	83	84	------
23	59.66	59.96	60.93	59.08	59.50	61.08	25.9	24.3	29.3	31	28	27.2	31.9	23.8	89	92	76	70	80	84	------
24	59.89	60.06	61.11	59.57	59.04	60.64	26.1	24.2	29.9	31.5	27.6	26.5	32.1	23.9	89	95	72	68	83	91	------
25	60.05	60.25	61.44	59.03	58.83	60.86	26.5	24.8	28.5	31	28	26	32	24.4	88	95	78	72	79	90	------
26	59.44	59.70	60.18	58.03	58.23	60.56	25.1	24.3	29.6	30.6	28.3	25.2	32.3	23.9	91	92	73	70	78	87	------
27	59.55	59.83	61.43	59.73	59.46	60.75	24.2	23	28.5	29.9	28	26.4	32.5	22.1	88	90	70	71	83	92	------
28	59.59	59.96	60.76	58.44	58.44	60.61	25.5	24.2	29.5	31	28.2	27.5	32.5	23.8	93	95	72	68	77	84	------
29	59.13	59.41	60.46	58.50	58.04	60.10	26.5	25.2	29.9	31	28.2	27	31.9	24.6	88	93	72	68	82	84	------
30	58.64	58.78	59.53	57.60	58.05	59.35	25.1	24	29.5	31.2	28.2	28	32	23.5	89	93	75	68	79	80	4.8
Mean	55.78	55.68	56.53	55.16	55.42	56.94	25.6	24.7	28.3	30	27.7	26.9	31.1	23.9	89	91.3	78.1	74	82.7	87.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	b 348.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	Calm	N	NE	N	W	47.3	51	84.5	57.7	240.5	1	------	Cu.-N.	9	Ci.-S.	Cu.-N. NE
2	SE	W	N	N	N	N	60.6	60	153.2	187.3	461.1	9	Ci.-S. E	Cu.-N. E	9	------	Cu.-N. N
3	N	NNE	N	N	N	NNW	182.8	243	274.4	306.5	1,006.7	10	Ci.-S.	Cu.-N. NE	10	------	N. N
4	SW	SSE	SSE	SSE	SE	SE	421.6	481.1	255.7	148.6	1,307	10	------	N.	10	------	N.
5	SE	SE	S	SSW	W	Calm	144.5	151.3	88.2	37.8	421.8	10	------	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
6	SW	S	S	S	NE	Calm	46.1	67.6	49.7	39.7	203.1	7	A.-Cu. SW	S.-Cu.	8	Ci. S	Cu.-N.
7	SW	S	S	NE	Calm	N	38.4	55.7	58.5	15.5	168.1	2	Ci.	S.-Cu.	10	A.-Cu. W	Cu.-N.
8	W	Calm	Calm	NE	Calm	Calm	23.8	27.7	39.2	20.9	111.6	10	A.-Cu. W	S.-Cu.	10	Ci.-S.	Cu.-N.
9	SW	W	WSW	Calm	SW	WNW	29	51.5	30.3	81.1	191.9	10	------	Cu.-N. W	10	Ci.-S.	Cu.-N. W
10	WSW	SSW	SSE	S	S	SSW	82.7	98.2	47.7	82.4	311	10	------	S.-Cu. W	10	Ci.-S.	S.-Cu.
11	S	S	S	S	N	S	79.9	116.2	85.6	62.5	344.2	10	Ci.	S.-Cu.	10	A.-Cu. SW	Cu.-N.
12	SSW	SSE	SSE	S	W	Calm	116.7	76.1	82.4	40.8	316	10	------	S.-Cu. SW	9	A.-Cu. SW	S.-Cu.
13	W	WSW	NE	N	ENE	N	49.3	51.2	86.9	78.3	265.7	1	Ci.-S.	S.-Cu.	7	Ci.-S. E	Cu.-N.
14	W	Calm	NW	NW	NW	NNW	39.6	66.5	174.9	198.5	479.5	1	------	Cu.-N.	7	Ci.-S. E	Cu.-N.
15	NW	NW	N	NW	NNW	NW	209.5	192.8	271.9	326.6	1,000.8	10	------	N. NNW	10	------	S.-Cu. N
16	WNW	WNW	SW	S	SSE	S	------	------	420	197.9	------	10	------	N.	10	------	N.
17	S	SW	SSW	S	W	Calm	103	106.2	89.1	20.9	319.2	10	------	S.-Cu. SW	10	Ci.-S.	S.-Cu.
18	Calm	SE	S	NE	NW	Calm	27.4	53	70.5	24.4	175.3	10	A.-Cu. W	S.-Cu.	10	Ci.-S.	Cu.-N.
19	W	S	SE	NE	NE	E	38.3	28.4	82.7	56	205.4	5	Ci.-S. S	Cu.-N. SE	1	------	Cu.-N.
20	E	Calm	Calm	NE	NE	ENE	46.7	28.8	93.6	66.8	235.9	2	------	Cu.-N. ENE	0	------	------
21	N	NE	SW	NE	ENE	ENE	45.6	29.3	77.2	71.9	224	9	------	Cu.-N. NE	1	------	Cu.-N.
22	W	W	ENE	NE	NE	NE	35.6	35.6	80.8	29.3	181.3	1	------	Cu.-N.	0	------	------
23	W	W	Calm	NE	ENE	NE	43.8	40.8	78.6	47	210.2	1	------	Cu.-N.	0	------	------
24	W	Calm	Calm	NE	ENE	Calm	44.9	35.4	90.4	41.6	212.3	0	------	------	8	Ci.-S. E	Cu.-N.
25	SSE	SW	NE	NE	ENE	ENE	33.8	30.6	81.9	50.5	196.8	1	------	Cu.-N.	2	------	Cu.-N. NE
26	S	SSE	S	ENE	E	S	52.9	62.8	80.7	73.4	269.8	1	Ci.-S. SE	Cu.-N.	2	Ci.-S. SE	Cu.-N.
27	S	S	S	ENE	NE	S	107.3	80.5	75.3	28.7	291.8	1	Ci.-Cu. SE	S.-Cu.	2	------	Cu.-N. SE
28	S	S	Calm	ENE	E	E	36.2	33.8	91.5	92.8	254.3	0	------	------	1	------	Cu.-N.
29	NW	W	ENE	ENE	ENE	E	28.5	42	70.6	43.1	184.2	1	------	Cu.-N.	0	------	------
30	SW	SW	SW	NE	EbyN	E	54.1	42.8	76.9	39.6	213.4	1	Ci. SW	Cu.	0	------	------
Mean	------	------	------	------	------	------	78.3	84.1	111.4	85.6	344.9	5.5	------	------	6.2	------	------

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[a] Rainfall for these two days is omitted as the raingauge was submerged by the river in flood.

[b] 28 days of observation.

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

OCTOBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.38	58.64	59.83	58.20	58.29	59.71	25.9	24.6	28.5	30.4	28.2	27.7	31.6	23.4	88	93	78	66	79	82	5.3
2	58.51	58.69	59.38	57.46	57.71	59.16	25.2	24.5	28.5	30.1	28	27	31.4	23.8	90	92	81	73	80	86	------
3	58.33	58.63	59.49	57.91	58.47	59.95	25.2	24.1	30	30	27.9	26.2	32	23.6	90	94	69	71	69	78	4.3
4	59.18	59.55	60.81	58.85	59.34	60.89	25.1	24.1	27.2	30.3	26.5	24	31.4	23.2	86	94	83	69	83	95	22.4
5	59.55	59.84	60.64	58.78	58.99	60.39	24.9	25.9	28.8	29.8	27	25.6	30.5	24	84	69	65	62	71	81	------
6	58.88	59.03	59.51	57.88	58.27	59.84	23.5	22.4	27.3	30	27	25.7	31	22	89	95	75	65	81	89	------
7	59.05	59.36	60.36	58.56	59.06	60.09	24.2	23	28.2	30	27.6	25.4	30.9	22.6	90	95	72	69	79	92	------
8	59.57	59.73	60.26	58.33	58.64	59.44	24.1	23	29	29.6	27.6	27	31.2	22.6	91	91	71	69	81	86	.5
9	58.38	58.63	58.99	57.13	57.26	58.91	26.1	24.5	27.9	29.5	26.4	25.4	31.5	24.1	89	91	82	74	87	92	4.1
10	57.22	57.52	58.61	56.30	56.56	57.56	24.5	24.9	27.5	27.1	26.2	25.5	28.1	23.5	94	94	87	83	89	91	19
11	56.13	56.98	57.73	56.03	55.44	56.78	24.6	24	24.4	23.9	24.4	24	25.9	23	91	91	97	88	91	91	80.4
12	54.69	55.09	55.57	53.84	53.88	54.57	24.1	24	25.6	25.6	24.2	24.5	26.7	22.9	94	96	93	95	95	94	94.7
13	53.11	52.54	53.17	50.88	50.53	51.66	24.8	25.5	25.8	26	25.4	25.4	27.4	23.1?	93	89	89	93	93	93	75.8
14	49.32	49.85	50.75	49.55	50.66	52.33	25.5	25	25.1	25.1	24.8	24.4	26.4	22.6	91	92	92	93	85	91	130
15	51.87	52.62	54.44	53.38	54.82	56.93	24.5	24.8	26.8	27	25.4	25.7	28.3	22.9	91	90	85	88	84	80	18.8
16	56.89	58.05	59.43	58.07	58.85	60.24	24.9	23.4	24.4	24.2	22.5	22.5	26	21.7	84	91	84	91	90	94	2.1
17	59.55	59.77	60.82	58.76	59.31	61.16	21.8	21.1	25.4	27.5	25	24.5	28	20.6	93	94	80	64	68	70	------
18	60.58	60.73	61.75	59.39	60.04	61.48	23.1	22.4	25.6	27.9	25.4	24.5	28.9	21.8	82	91	79	68	68	75	------
19	60.67	61.19	62.14	59.96	60.06	61.36	22.8	22.5	27.4	29	26.1	25.5	29.5	22	91	94	70	64	76	77	------
20	61.01	61.27	62.02	59.99	60.52	61.98	23.8	23	27.5	29	26.2	25	29.9	22.5	85	91	73	71	79	92	------
21	61.03	61.31	61.90	60.08	60.34	60.96	23.6	22.5	28	29	27	26	29.9	22.1	93	94	76	71	80	82	42.2
22	59.89	60.61	61.16	59.05	59.44	60.96	25.2	24	27.7	28	26.1	26	29	22.8	87	93	79	77	80	81	3
23	60.05	60.86	62.25	60.34	60.86	62.82	25.8	25.2	27	26	24.5	24.6	28.4	23	81	70	68	75	75	72	5.1
24	61.31	61.61	62.89	61.10	61.86	63.26	24.5	23	26.6	26.6	25	24.9	28	21.8	68	78	68	66	70	70	------
25	62.13	62.39	63.41	61.27	61.54	62.53	23.8	21.7	25.1	26.3	25.8	24.8	28.7	20.6	83	85	75	67	66	69	4.1
26	61.32	61.73	62.29	59.99	60.31	61.37	21.9	21.5	26.2	28.3	25.5	25.4	29.1	20.6	88	90	75	64	71	73	1.5
27	60.45	60.71	62.31	60.21	61.10	62.78	25.1	25	27.6	27	25.1	24.9	28.5	24.2	72	71	66	73	67	66	------
28	62.53	62.62	63.66	61.73	62.16	63.40	24.7	24.5	26.4	28.1	25	25	28.8	23.8	64	64	66	65	71	74	------
29	62.46	62.73	63.47	61.54	61.82	63.17	23.7	21.7	27.3	28.8	25.8	25.5	29.2	21.1	79	92	76	69	67	69	3.3
30	61.33	61.99	62.67	60.24	60.31	61.80	24.4	22.1	23.9	25.1	25.1	24.7	27	21.2	77	94	95	91	89	87	5.1
31	60.41	61.18	62.31	60.23	60.16	61.96	23.5	22.1	26.9	27.5	26.2	25.5	28.5	21.6	87	96	84	81	89	88	------
Mean	58.83	59.21	60.13	58.23	58.60	59.98	24.3	23.5	26.9	27.8	25.9	25.3	29.1	22.5	86	88.8	78.5	74.7	79.1	82.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	521.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	W	W	NE	NE	NE	50.2	43.8	71.8	43.1	208.9	1	------	Cu.-N.	1	Ci. E	Cu.-N.
2	Calm	SW	NW	NE	ENE	NE	55.3	45.1	73	48.9	222.3	0	------	------	8	Ci.-S. NE	Cu.-N.
3	W	WSW	ENE	ENE	ENE	ENE	51	50.4	90.4	62	253.8	5	------	Cu.-N. ENE	8	Ci.-S. NE	Cu.-N.
4	S	WSW	S	ENE	NE	E	58.7	51.2	112.7	96	318.6	10	------	Cu.-N. NE	1	------	Cu.-N.
5	ENE	E	E	ENE	ENE	E	114.3	69.8	105.2	54.7	344	10	------	S.-Cu. E	0	------	------
6	W	SW	Calm	ENE	ENE	Calm	62.2	42.8	71.1	35.7	211.8	0	------	------	0	------	------
7	SW	WSW	NE	NE	NE	W	59.2	40.5	68.9	49.6	218.2	0	------	------	0	------	------
8	SW	S	Calm	NW	NE	E	46.1	47.8	73.8	45.7	213.4	0	------	------	0	------	------
9	NE	E	N	ENE	Calm	S	41.3	38.4	48	34.4	162.1	10	------	Cu.-N. E	10	------	Cu.-N. ENE
10	S	SW	Calm	E	Calm	Calm	35.6	33.3	38.8	31.4	139.1	10	Ci.-S. SE	S.-Cu.	10	Ci.-S.	S.-Cu.
11	NE	SW	W	Calm	NW	SW	42.8	51	34.3	58.2	186.3	10	------	N. E	10	------	N.
12	NW	W	NW	N	NNE	N	45.1	81.1	115.6	133	374.8	10	------	N. E	10	------	N. NE
13	N	NE	ENE	ENE	N	N	126.8	107.5	128.7	202.4	565.4	10	------	N. NE	10	------	Cu.-N. E
14	N	NNE	NNE	NW	NNW	NW	233	203.4	217.2	195.7	849.3	10	------	N. NNE	10	------	N. N
15	NNW	NW	NW	NW	NNW	N	165.4	147.8	146.2	107.8	567.2	10	------	S.-Cu. N	10	------	Cu.-N. N
16	N	NE	NE	Calm	SE	S	66.5	43.5	40	37.5	187.5	10	------	N. NE	10	A.-Cu. SW	S.-Cu.
17	S	Calm	Calm	E	E	E	26.8	30.8	96.1	72.1	225.8	1	A.-Cu. E	S.-Cu.	2	------	Cu. SW
18	E	SW	Calm	ENE	E	E	38.3	44.8	117.2	62.5	262.8	7	------	S.-Cu.	2	------	Cu. SW
19	S	Calm	SW	ENE	ENE	E	38.6	38.1	89	89.1	254.8	7	A.-Cu. SW	S.-Cu.	1	------	Cu.-N.
20	S	SW	SE	ENE	ENE	W	62.8	50.5	97.9	67.4	278.6	1	------	S.-Cu.	0	------	------
21	SW	WSW	NE	NE	NE	NE	31.2	36.7	53.3	62.8	184	0	------	------	0	------	------
22	NE	SW	NE	NE	NE	NE	72.7	61.8	99.8	131.5	365.8	10	------	Cu.-N. ENE	10	------	Cu.-N. E
23	NE	NE	NE	NE	NE	NE	168.7	159	114.6	140.3	582.6	10	------	S.-Cu. NE	10	------	S.-Cu. NE
24	NE	ENE	NE	NE	ENE	NE	91.1	93.6	85.9	96.9	367.5	10	------	N. ENE	9	------	S.-Cu. NE
25	SW	SW	S	NNE	NE	NE	49.8	44	60.6	55.2	209.1	8	Ci.-S. S	S.-Cu.	10	A.-Cu.	S.-Cu. NNE
26	SW	S	NE	NE	NE	ENE	54.9	75.8	99.2	118.6	348.5	10	------	Cu.-N. NE	7	A.-Cu. SE	Cu.-N.
27	NE	NE	NE	NE	NE	NE	121.8	126.5	143.7	109.9	501.9	10	------	S.-Cu. ENE	10	A.-Cu. N	Cu.-N. NE
28	NE	ENE	NE	NE	ENE	ENE	82.3	103.2	117.2	94.3	397	7	A.-Cu. W	S.-Cu. ENE	4	A.-Cu. S	Cu.-N.
29	E	SW	SW	NE	ENE	NE	56.9	32.8	69.7	86.4	245.8	7	------	Cu.-N. E	1	------	Cu.-N.
30	N	SW	W	NW	E	S	76.9	66.2	64.9	25.7	233.7	10	------	N.	9	------	Cu.-N. W
31	Calm	Calm	ENE	NE	E	SW	23.5	32	78.7	26	160.2	7	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
Mean	------	------	------	------	------	------	72.6	67.5	91.1	79.8	311	6.8	------	------	5.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,640.8	------	------	------	------	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

NOVEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.16	61.48	61.82	60.51	61.79	61.88	24.5	23.5	27	28.5	24.5	23.8	30	22.6	91	94	77	74	82	83	------
2	61.80	61.38	62.38	60.08	60.20	61.66	22.8	22.1	27	27.8	26	25.5	29	21.6	86	90	74	75	90	91	------
3	61.25	61.88	62.16	60.17	60.75	62.34	24.7	24	27.5	29.5	25.8	25.1	30.5	23.5	92	95	77	75	97	92	------
4	61.88	62.07	62.67	60.59	61.24	62.56	24	23.1	28.5	29.4	25.4	25.4	30.4	22.6	95	96	74	74	90	88	2.5
5	61.86	62.21	62.91	60.81	61.31	62.99	24.2	23.1	28.4	27.5	26.4	25.7	29.5	22.6	91	94	79	80	81	86	2.3
6	61.76	62.25	62.86	60.29	61	62.46	25.1	24.5	28.6	28	25.6	25	30	23.9	89	94	77	81	87	88	------
7	61.65	62.11	63.50	61.17	61.29	63.50	24	23.5	28	29.1	26.6	25.9	30.9	23.1	91	94	77	74	87	89	.5
8	62.04	63.18	63.75	61.34	62.08	63.49	24.8	24	29	29.9	27	24.8	30.5	23.4	92	95	71	72	90	87	------
9	62.46	62.86	63.21	60.39	60.69	62.86	22.9	21.5	28	29.5	26.4	25.8	31	21.1	92	95	76	71	87	85	1
10	62.24	62.60	63.53	60.76	61.17	62.61	25.3	25.1	28.8	28.9	26.1	25.2	30	22.5	83	81	69	71	73	85	------
11	61.83	62.12	63.03	60.35	60.55	62.14	22.5	21.7	26.4	28.9	26.1	24.5	29.8	21.1	90	92	73	71	85	91	------
12	62.03	62.47	63.61	61.38	61.81	63.22	23.5	24.2	24	27.3	26	24.2	28	22.6	92	90	89	75	72	85	------
13	62.23	62.63	63.71	61.49	61.86	62.82	24	22.6	27.8	27.9	25.1	24	28.8	21.5	83	93	68	68	69	74	1
14	62.71	63.36	64.27	62.14	62.27	63.86	21.2	21	27.1	27.4	25	25	28.5	20.1	89	91	59	67	67	67	8.6
15	63.21	63.39	64.40	62.71	63.46	64.99	22	22	25.9	27	24.6	23.2	28.1	20.6	93	95	77	72	77	81	8.4
16	63.73	63.84	64.46	62.54	62.78	63.43	23.2	23	25	24.5	24	23.6	27	22.1	81	81	79	79	72	75	1
17	62.38	62.53	63.07	61.30	61.60	62.98	21.2	20.7	25.3	26	25	24	26.7	20.1	89	94	75	72	67	74	------
18	62.98	63.38	64.40	62.61	63.07	64.29	21	21	25	28	25.9	23.4	28.6	20	91	91	78	70	72	83	11
19	64.01	64.16	65.27	63.38	64.49	65.29	24.4	25	26.9	27.5	24.2	24.2	28.9	22.4	78	74	73	76	90	88	1.9
20	64	64.26	65.18	63.28	63.80	64.59	24.5	24.2	27	27.5	25	24.8	28.6	23	87	88	85	73	88	90	1.5
21	63.11	63.94	64.55	62.64	62.88	64.18	23.1	22.2	24.5	25.4	25	24.9	26.6	21.6	90	95	89	90	87	84	10.2
22	63.36	63.71	64.96	63.36	63.91	65.08	24	24.5	24.9	26.1	24.8	24.6	27	23.1	85	82	79	76	72	74	.3
23	64.01	64.21	65.74	63.96	64.74	66.08	24.5	24.6	25.5	27.3	24.5	24.2	27.8	23.5	75	74	75	64	75	77	------
24	65.01	64.96	66.62	64.63	65.59	66.19	24.2	24.2	27	26.2	22.2	23.5	27.8	22	72	71	63	67	84	74	4.3
25	65.11	65.02	65.97	63.42	63.35	64.61	23.2	21.1	22	24.2	24.6	23.8	26.3	20.1	81	92	96	86	74	78	5.1
26	62.86	62.71	63.41	60.97	61.21	62.11	23	21.5	24.9	26.6	25.5	23.7	28.4	20.6	83	92	80	75	71	81	14.7
27	60.16	59.97	61.31	59.41	59.53	60.67	24.1	24.6	26.6	23.6	23.8	23.6	27.6	22.7	94	90	83	93	93	93	16.8
28	60.07	60.88	62.03	60.12	60.60	61.70	23.1	23.1	24.2	25.3	24.5	24.2	26.5	22.4	96	96	90	85	91	91	3.3
29	60.13	60.70	62.10	59.91	60.25	61.83	23.1	23	25.7	26	25	24.9	27.8	22.1	94	95	86	78	85	81	------
30	61.47	61.68	62.76	61.27	61.78	62.61	24.2	24	26	26	25.1	24.6	28.1	22.6	86	86	76	80	81	82	.5
Mean	62.42	62.73	63.65	61.57	62.04	63.30	23.5	23.1	26.4	27.2	25.2	24.5	28.6	22	87.7	89.7	77.5	75.5	81.2	83.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	94.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	S	S	NE	S	E	18.7	55.3	98.8	45.7	218.5	10	Ci.-S.	S.-Cu. S	10	A.-Cu. S	S.-Cu.
2	SE	SSE	ENE	NE	Calm	Calm	71.1	57.3	54.1	32.8	215.3	10	Ci.-S. E	S.-Cu.	10	A.-Cu. S	S.-Cu.
3	W	SW	NE	NE	ENE	SE	36.4	43.8	105.7	47.5	233.4	1	------	S.-Cu.	1	------	Cu.-N.
4	Calm	SW	E	ENE	SE	E	24.1	50.5	48.3	32.5	155.4	7	------	S.-Cu. SE	7	------	Cu.-N. SE
5	SW	Calm	E	ENE	ENE	ENE	36.8	49.7	130.4	106.2	323.1	0	------	------	10	A.-Cu. E	S.-Cu.
6	E	Calm	ESE	E	SE	SE	37	60.2	90.1	------	------	10	------	Cu.-N. E	2	------	Cu.-N.
7	SE	Calm	S	ENE	ENE	ENE	------	------	79.4	91.1	------	9	------	S.-Cu. SE	1	------	Cu.-N.
8	Calm	S	SE	NE	E	E	27.9	52.9	89.5	48	218.3	8	------	Cu.-N. E	0	------	------
9	SW	SSE	S	NE	ENE	E	44.3	38.4	110.4	117.5	310.6	0	------	------	0	------	------
10	ENE	ENE	ENE	NE	ENE	Calm	89.3	82.9	127	67.6	366.8	3	A.-Cu. E	S.-Cu.	0	------	------
11	SW	Calm	NW	NE	ENE	SW	44.1	33.8	91.1	52.1	221.1	0	------	------	0	------	------
12	Calm	ENE	NE	E	E	E	48.9	77.5	81.3	65.7	273.4	10	------	S.-Cu. ENE	10	A.-Cu. E	S.-Cu.
13	Calm	SW	E	NE	ENE	ENE	25.4	61.4	131	75.3	293.1	10	Ci.	S.-Cu.	5	Ci.	Cu.-N.
14	SW	SW	E	NE	NE	E	45.7	69.5	99	79.4	293.6	7	------	Cu.-N. ENE	0	------	------
15	NW	ENE	NE	NE	NE	ENE	65.7	110	126.8	111.6	414.1	10	------	N. NE	7	A.-Cu. E	S.-Cu.
16	NE	NE	NE	NE	ENE	ENE	118.8	90.7	102.7	65.5	377.7	4	------	S.-Cu.	10	A.-Cu. E	S.-Cu.
17	SW	SW	SW	N	N	Calm	64.7	59.3	60.9	45.4	230.3	10	A.-Cu. N	S.-Cu.	10	A.-Cu.	S.-Cu.
18	SW	Calm	SW	NE	NE	SE	37.3	30.3	44.6	64.6	176.8	10	------	S.-Cu. NE	0	------	------
19	NE	ENE	NE	NE	NE	ENE	147.8	137.8	------	75.4	------	10	------	S.-Cu. E	10	------	S.-Cu. NE
20	E	ENE	ENE	NE	NE	N	46.2	86.9	104.6	45.7	283.4	10	------	Cu.-N. E	7	------	S.-Cu. E
21	SW	SW	Calm	NE	NE	NE	40	34.3	122.6	169.6	366.5	2	------	S.-Cu.	10	------	Cu.-N. E
22	NE	NE	NE	NE	NE	NE	172.2	191.3	175.7	155.6	694.8	10	------	Cu.-N. NE	9	------	S.-Cu. NE
23	NE	ENE	ENE	ENE	ENE	ENE	144.5	135.5	146.4	128.7	555.1	10	------	S.-Cu. ENE	6	A.-Cu. E	S.-Cu.
24	NE	NE	ENE	ENE	NE	NE	146.4	150.3	148.1	120.1	564.9	8	A.-Cu. E	S.-Cu.	4	A.-Cu. E	Cu.
25	NE	Calm	E	ENE	NE	NE	107.8	98.2	97.2	135.5	438.7	10	------	Cu.-N. ENE	9	------	S.-Cu. E
26	NE	S	Calm	NE	NE	NE	60.7	30	------	73.4	------	10	------	S.-Cu. ENE	9	A.-Cu. ESE	S.-Cu.
27	E	NE	ENE	S	Calm	W	85.3	86.7	38.9	23.3	234.2	10	------	N. ENE	10	------	Cu.-N. ENE
28	W	NE	E	NE	Calm	Calm	39.1	69	35.1	21.7	164.9	10	------	N. NE	10	------	S.-Cu.
29	SW	S	Calm	ENE	Calm	NE	38.1	33.8	74.6	79.2	225.7	10	Ci.-S.	S.-Cu.	2	A.-Cu. SE	S.-Cu.
30	NE	NE	NE	NE	NE	NE	102	101.4	80.8	63.1	347.3	10	------	S.-Cu. NE	10	------	Cu.-N. NE
Mean	------	------	------	------	------	------	67.8	75.1	96.3	77.2	315.3	7.6	------	------	6	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

DECEMBER, 1913.

Day.	Atmospheric pressure, 700 mm.+						Air temperature.								Relative humidity.						Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.30	61.93	62.79	60.61	61.01	62.10	24.1	24	26.5	27.4	24.2	23.2	28.2	22.2	86	86	75	70	80	86	25.4
2	61.03	61.61	62.41	60.64	61.41	62.03	22.2	22	24.5	26.9	23.8	24.2	27.5	21.3	94	95	90	77	85	82	19.8
3	61.22	62.13	63.32	61.90	62.91	63.73	23.8	23.6	27.1	26.5	24.2	24	28	22.6	86	90	80	80	90	90	21.6
4	63.33	64.36	65.67	64.56	66.06	67.19	22.9	22.6	23	22.8	21.8	21.5	25	21	92	93	88	89	93	94	33.4
5	66.16	66.43	67.52	65.61	66.23	67.23	21.1	21	21.5	22.8	20.4	21	23.5	19.6	92	93	95	84	91	87	8.8
6	66.18	65.76	66.45	64.23	64.86	65.55	21	21.5	22.8	22	21.9	22.1	23.6	19.5	89	90	89	95	96	96	56.7
7	64.37	64.72	65.55	63.38	64.39	65.24	21.9	21.2	21.5	22	21.1	21.9	23	20.5	90	95	95	98	94	92	78.3
8	63.63	63.59	64.63	62.48	63.11	64.16	21.8	21.1	22.3	23.3	23.8	22.8	24.9	20.4	93	95	96	89	83	88	1.1
9	63.43	63.68	64.99	63.10	63.76	65.20	21.9	21.2	23.9	26.1	23.8	23.2	26.5	20.6	92	95	86	72	77	75	------
10	63.94	64.12	65.15	62.75	63.22	64.41	23	21.1	24	24.1	24.2	22.8	26.1	20.1	81	92	90	91	86	93	2.6
11	63.19	62.63	63.36	61.11	61.51	62.78	22	21.7	23.7	26.8	23.6	23	27.4	21.1	96	96	91	77	93	93	3.5
12	61.13	61.11	62.42	59.48	60.14	61.66	22.5	22	25	29.2	25.6	24.8	29.8	21.6	94	95	85	69	92	90	4.3
13	61.11	61.81	63.42	61.71	62.19	63.51	24.5	23.5	24.7	26.1	25.2	24.8	27.1	22.5	87	94	91	83	85	85	.5
14	62.15	62.28	63.24	61.19	61.91	62.77	23.8	22.4	26.8	27.2	24.8	23.5	28	21.6	88	93	75	75	82	90	------
15	61.16	61.36	62.15	59.94	60.56	61.19	22.7	21.9	25.9	27.5	25.5	24.7	29.2	21.4	89	94	81	78	86	86	------
16	60.93	61.11	62.16	60.24	61.06	62.91	23.8	22.6	26.9	28.5	25.8	25	29.7	21.9	88	95	80	74	88	85	36.1
17	63.16	63.27	64.81	63.16	64.13	65.29	23.9	22.6	23.2	23	21.5	21.8	25.2	20.5	89	95	89	88	90	87	7.9
18	63.91	64.46	65.97	64.08	64.57	66.06	21.9	22	23.4	23.1	21.5	21.8	24.4	20.6	83	82	76	84	85	82	2.2
19	64.96	65.24	65.92	63.60	64.54	65.96	21.6	21	24	24.5	23	22.1	25.7	20.1	84	89	82	79	79	87	------
20	64.84	64.95	65.52	62.97	63.18	64.16	22	21.5	24.4	25.2	24	23.1	26.4	20.6	88	92	79	76	83	89	------
21	62.76	62.54	63.08	60.38	60.91	62.19	22.6	21.8	25.2	29.3	25.5	24.5	29.8	21.1	89	95	82	66	83	86	------
22	60.36	60.55	61.21	59.15	59.57	61.14	23.8	22.5	27	27.1	25.5	24.7	29.5	22	88	94	77	75	83	84	------
23	60.93	61.01	63.15	61.40	62.38	63.72	23.4	24	25.1	24.8	24.5	23.4	26	22.5	90	86	79	74	76	84	35.9
24	62.81	62.98	64.14	61.76	61.51	62.84	22.7	22.1	22.6	23	22.8	22.8	23.8	21.1	89	94	95	92	93	93	26.5
25	61.56	61.51	63.21	60.80	60.91	61.62	23	23.1	25.2	25.9	24.5	24	26.5	21.8	90	89	80	78	86	86	------
26	60.33	60.34	61.15	59.01	60	61.42	22.9	21.8	26.7	27	24.6	24.6	28.1	21.4	92	96	80	78	82	82	3.3
27	60.37	60.66	62.18	60.58	61.29	62.42	23.5	22.8	24.8	23.3	22.1	22	25.9	21.5	85	88	82	88	85	84	13.5
28	62.18	62.46	63.76	61.87	62.68	64.11	22	22	24	24	22.5	22.5	24.6	20.6	82	81	74	79	77	77	------
29	63.77	64.59	65.85	63.43	64.51	65.94	21.3	20.3	23	24.5	23	22.3	25.2	19.8	83	91	90	76	81	85	.3
30	65.74	65.89	67.24	65.37	66.81	68.24	21.1	21	23.5	26.9	24.7	22.4	27.2	19.7	95	95	82	70	75	88	4.5
31	68.41	68.78	69.55	67.76	69.03	70.13	20.8	20	20	20	19.6	19.5	21.8	18.2	89	89	91	92	89	89	24.1
Mean	62.91	63.16	64.26	62.20	62.91	64.09	22.6	22	24.3	25.2	23.5	23	26.4	20.9	88.8	91.8	84.7	80.5	85.4	86.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	410.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	NNE	NNE	NE	NE	NE	42.6	59	85	63.1	249.7	1	------	Cu.-N.	0	------	------
2	W	W	NE	NE	NE	ENE	60.4	106	119.7	108.8	394.9	10	------	N.	3	------	Cu.-N. NE
3	ENE	ENE	E	NNE	NE	NE	74.6	56	77.2	90.4	298.2	10	------	S.-Cu.	9	------	Cu.-N. NE
4	NE	NE	NE	NE	NE	NE	169.5	182.1	174.8	158	684.4	10	------	N. NE	10	------	N. NE
5	NE	NE	NE	NE	NE	NE	158.7	160.9	151	145.4	616	10	------	N. NE	10	------	Cu.-N. NE
6	NE	NE	NE	ENE	NE	NE	132.8	145	143.8	147.1	568.7	10	------	N. NE	10	------	N. NE
7	ENE	SE	S	NE	ENE	ENE	140.8	46.5	143.5	159.9	490.7	10	------	N.	10	------	N.
8	SW	SW	SW	S	E	SE	43.5	28.4	44	63.6	179.5	10	------	N.	10	------	S.-Cu.
9	Calm	Calm	SE	E	E	ENE	18	47	123.9	108.9	297.8	10	------	S.-Cu. SE	0	------	------
10	E	SW	ENE	ENE	E	Calm	58.5	58.1	119.9	43.5	280	10	------	S.-Cu. SE	10	------	N.
11	SW	W	S	NE	Calm	Calm	41	51.5	38.3	21.7	152.5	3	------	S.-Cu.	7	A.-Cu. S	Cu.-N.
12	SE	S	SSE	S	E	E	45.6	102	81.5	69.5	298.6	0	------	------	0	------	------
13	E	NE	Calm	E	ENE	E	55.3	27.1	61.2	90.1	233.7	10	------	S.-Cu. E	10	------	S.-Cu. E
14	E	Calm	ENE	ENE	E	SE	21.9	53.7	112.7	51.8	240.1	0	------	------	0	------	------
15	SW	SW	SSE	NE	E	SW	34.4	60.4	59	38.6	192.4	10	------	S.-Cu. E	8	------	Cu.-N. SE
16	S	SE	S	NE	ENE	E	47	80.5	70.8	113.7	312	3	------	S.-Cu.	0	------	------
17	NE	NE	NE	NE	NE	NE	125.5	195.3	202.7	209.2	732.7	10	------	N. NE	10	------	N. NE
18	NE	NE	NE	NE	ENE	ENE	192.8	190.5	162.2	145.8	691.3	10	------	N. NE	10	------	Cu.-N. NE
19	E	SE	E	ENE	E	E	103.3	88.5	125.8	51.8	369.4	10	------	N.	10	------	S.-Cu. E
20	S	SW	SW	E	ESE	W	31.9	46.7	53.7	40.2	172.5	10	------	S.-Cu.	10	------	S.-Cu. E
21	S	S	S	SE	ENE	W	51	76.1	69.8	38	234.9	8	A.-Cu. sw	S.-Cu. S	3	A.-Cu. sw	Cu. E
22	S	SW	S	N	NE	NW	31.1	50.4	71.3	25.4	178.2	1	------	S.-Cu.	0	------	------
23	W	NE	NE	NE	NE	ENE	62.6	125.8	122	107.5	417.9	3	------	S.-Cu.	10	------	Cu.-N. NE
24	E	NE	NE	E	NE	ENE	84.8	141.1	166.7	130	522.6	10	------	N. NE	10	------	N. ENE
25	E	E	E	ENE	E	E	119.7	112.3	117.2	75.9	425.1	10	------	S.-Cu. NE	9	------	S.-Cu. E
26	SW	SW	Calm	NE	NNW	N	31.1	30.4	96.3	137.8	295.6	1	------	S.-Cu.	9	Ci.-S. SW	Cu.-N.
27	N	NE	NE	NE	E	E	87.2	87.5	74.6	109.1	358.4	10	------	S.-Cu. NE	10	------	S.-Cu. NE
28	E	E	E	E	E	E	109.9	135.6	149.4	95.3	491.2	10	------	N. ENE	9	------	S.-Cu. E
29	SW	SE	SE	E	E	SE	51.7	54.5	------	------	------	10	------	N.	9	------	S.-Cu. E
30	SW	SW	W	ENE	NE	NE	------	------	------	------	------	10	------	S.-Cu. E	9	------	S.-Cu. E
31	NE	NE	NE	NE	NE	NE	------	------	178.3	104.6	------	10	------	N. NE	10	------	N. NE
Mean	------	------	------	------	------	------	73.8	89.7	110.2	94.6	370.7	7.7	------	------	7.3	------	------

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1913.

JOLO.[a]

[φ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.7 meters; gravity correction not applied, —1.93 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	57.37	56.37	23.9	28.7	97	77	Calm	NNE 3	10	6	1.3
2	56.87	55.64	24.4	28.4	97	78	Calm	NE 1	10	10	------
3	56.75	56.17	23.2	28.8	95	74	Calm	N 1	1	6	------
4	57.57	57.16	23.2	29.8	96	74	Calm	NNE 2	1	5	------
5	56.81	56.35	24.7	28.3	95	76	Calm	Calm	10	10	------
6	56.95	55.83	24.2	29.8	95	73	Calm	NNW 1	10	10	------
7	56.66	55.83	23.4	29.5	95	76	Calm	NNE 3	10	10	------
8	57.11	56.73	24.4	29.6	95	75	Calm	Calm	10	9	.3
9	57.49	56.70	22.7	26.8	95	90	Calm	Calm	2	10	1.1
10	57.18	56.04	22.6	28.7	95	81	Calm	WNW 1	2	9	2.5
11	57.25	56.89	23.6	28.6	94	76	Calm	WNW 1	10	8	------
12	57.79	56.57	23.2	29.4	95	74	Calm	NNE 3	8	9	------
13	58.69	57.61	22.5	29.5	96	70	Calm	NNE 2	7	8	------
14	59.10	58.37	21.8	30	90	75	Calm	NNE 3	1	5	------
15	59.81	59.12	22.7	29.9	96	69	Calm	NNE 3	2	4	------
16	60.74	59.29	21.8	29.3	95	72	Calm	NNE 2	6	8	------
17	60.15	59.07	22.2	29.5	94	68	Calm	NNE 2	3	3	------
18	60.21	58.86	22.4	30.3	93	66	Calm	NNE 3	5	2	------
19	59.41	58.81	25.4	29.7	84	69	NE 2	NE 2	8	8	------
20	60.77	58.91	22.7	28.8	93	78	Calm	Calm	7	7	2.8
21	60.06	59.51	22.1	29.6	95	70	Calm	NbyE 2	2	5	------
22	60.35	59.41	22.1	29.2	94	72	Calm	W 1	7	8	------
23	60.05	59.18	23.8	29.4	91	68	Calm	NNE 2	7	7	------
24	59.90	58.71	25.9	29.9	84	71	NE 2	NbyE 2	10	9	------
25	60.46	59.17	24.8	29.8	89	69	NNE 2	NNE 2	8	3	------
26	60.50	59.33	26.6	28.9	80	70	NE 4	NNE 3	10	4	------
27	60.28	59.02	24	29.4	91	70	Calm	NNE 2	8	8	------
28	59.88	59.42	26.1	27.9	82	75	NE 4	NNE 4	9	9	------
29	60.18	59.24	25.3	27.9	88	79	NE 2	NNE 4	10	9	4.6
30	59.81	59.28	25.6	28.7	89	75	NEbyE 1	NbyE 1	10	4	------
31	60.39	58.72	23.6	29.1	94	74	Calm	NNE 3	10	7	------
Mean	58.92	57.98	23.7	29.1	92.3	73.7	0.5	1.9	6.9	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	12.6

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	60.30	59.56	22.6	28.3	94	72	Calm	NEbyN 4	3	6	------
2	59.68	58.93	25.1	27.6	85	76	NE 4	NNE 3	9	10	------
3	58.56	57.74	25.8	26.9	88	83	NE 2	NNE 2	10	10	9.8
4	58.38	57.14	25	28.7	94	80	NE 1	NbyE 3	10	6	.1
5	58.58	57.74	24.2	27.8	95	90	Calm	NbyE 2	3	5	2.3
6	59.07	57.84	23.3	29.4	96	76	Calm	Calm	2	6	1.4
7	58.90	57.71	23	29.3	96	74	Calm	N 1	3	5	------
8	58.60	57.46	22.9	31.4	92	68	Calm	WNW 2	0	5	------
9	59.10	58.34	23.3	30.4	93	59	Calm	W 2	5	7	------
10	59.56	58.83	22.2	29.3	94	73	Calm	NbyE 2	2	5	------
11	59.37	58.99	22.8	28.9	96	73	Calm	NNE 2	7	8	------
12	59.91	58.49	22.9	29.1	92	70	Calm	NNE 2	3	5	.3
13	59.61	58.86	23.4	31.2	93	64	Calm	W 1	7	7	------
14	61.15	59.84	23	29	94	74	Calm	NNE 1	9	9	------
15	60.61	60.04	23.4	27.8	93	82	Calm	NbyE 2	5	9	------
16	62.34	59.68	25.8	29.3	82	68	NE 3	NNE 3	10	10	------
17	59.21	58.25	21.4	29.3	89	70	Calm	NNE 1	2	8	------
18	58.08	57.23	20.9	29.3	91	68	Calm	NNE 2	6	1	------
19	57.70	56.99	23.4	29.1	92	72	Calm	NbyE 2	2	3	------
20	56.66	56.17	25	28.3	92	79	Calm	NbyE 2	9	9	99.6
21	57.33	56.68	24.3	27.9	92	79	Calm	N 1	10	9	15.2
22	57.02	56.03	22.8	29.9	96	76	Calm	W 2	0	5	------
23	57.07	56.29	22.4	29.1	96	77	Calm	NNE 2	5	3	------
24	56.64	56.58	22.9	28	95	83	Calm	NNE 3	1	10	1.3
25	57.65	57.66	24.7	25.3	95	93	Calm	Calm	10	10	19.4
26	57.68	56.98	23.5	28.6	97	79	Calm	N 1	9	5	------
27	57.71	56.39	22.8	28.9	96	75	Calm	NNE 2	6	9	------
28	56.61	56.90	22.7	26.4	95	88	Calm	Calm	1	10	4
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.68	57.83	23.4	28.7	93	75.8	0.4	1.8	5.3	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	153.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	58.30	57.79	21.5	28.5	95	78	Calm	NNW 1	2	8	------
2	58.24	56.88	23.9	28.9	95	77	Calm	NNE 3	9	7	------
3	57.09	56.95	25.8	26.5	86	82	NEbyN 2	NNE 1	10	10	0.2
4	57.40	56.23	25.1	28.3	89	80	NEbyN 2	NbyE 2	9	9	------
5	57.12	56.51	22.4	28.4	95	79	Calm	NbyE 2	7	9	------
6	57.44	56.93	21.5	29.6	95	73	Calm	NNW 1	9	6	------
7	57.97	56.53	24.3	28.3	91	74	Calm	Calm	10	10	1.1
8	56.23	55.93	22.3	27.9	94	81	Calm	Calm	10	10	------
9	56.05	55.03	23.7	27.8	95	85	Calm	NNW 1	9	7	2
10	56.28	56	23.3	30.2	96	73	Calm	W 1	10	6	10.4
11	57.26	56.68	22.8	29.2	92	78	Calm	S 2	8	7	8.1
12	57.66	56.47	24.2	27.4	95	84	Calm	NNE 2	10	10	.1
13	57.04	56.72	22.9	26.3	95	87	Calm	ENE 1	2	8	4.3
14	58.12	57.52	24.2	25.4	94	85	Calm	NW 1	10	10	.8
15	57.80	56.51	23.9	29.1	97	79	Calm	NNE 2	5	7	6.6
16	57.33	56.27	24.9	28.1	96	82	Calm	W 1	10	7	14.2
17	57.55	56.44	24.1	28.2	94	81	Caim	NNE 2	10	9	1
18	57.45	56.57	24.2	28.1	97	84	Calm	NbyE 3	9	8	------
19	56.58	56.56	22.3	27.4	93	75	Calm	Calm	3	9	7.4
20	57.55	56.99	24.7	27.3	97	84	Calm	W 2	10	10	1
21	56.85	56.70	23.1	25.4	95	90	Calm	Calm	6	9	42.7
22	56.77	56.62	22.9	28.4	97	80	Calm	NbyE 2	5	9	------
23	56.59	55.77	22.8	28.2	97	82	Calm	N 1	4	7	------
24	57.13	57.23	24.4	30.6	92	75	Calm	W 1	3	5	------
25	58.32	57.74	22.2	28.8	95	77	Calm	NE 1	5	6	------
26	57.76	57.13	22.7	28.4	96	75	Calm	NNE 2	7	10	------
27	57.93	57.61	22.4	28.7	92	76	Calm	NNE 3	10	6	------
28	58.87	58.14	21.5	28.8	95	76	Calm	NNE 2	4	6	------
29	58.38	57.43	23.9	29	96	79	Calm	NbyE 1	4	9	------
30	57.85	57.92	24.1	28.7	95	79	Calm	NNE 2	10	10	.6
31	58.08	57.51	23.3	26	96	93	Calm	NW 1	10	10	1.5
Mean	57.45	56.82	23.4	28.1	94.4	80.1	0.1	1.4	7.4	8.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	102

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	58.18	57.13	23	27.4	96	85	Calm	Calm	10	10	------
2	57.60	56.25	24.5	28.4	97	82	Calm	N 1	10	10	------
3	57.21	56.88	22.9	28.7	97	79	Calm	NbyE 2	10	10	------
4	57.48	57.42	22.3	29.1	96	71	Calm	NNE 1	9	10	------
5	58.03	57.18	22.6	30.3	95	70	Calm	NNW 1	9	10	------
6	58.07	56.71	22.9	29.2	96	76	Calm	NNE 1	10	10	------
7	57.13	56.86	22.4	30.1	92	68	Calm	NbyE 2	3	6	------
8	57.58	57.58	22.9	31.9	97	62	Calm	WNW 1	2	5	------
9	58.09	57.23	23.1	30	92	73	Calm	NNE 2	2	2	------
10	58.13	57.21	23.4	30.1	95	71	Calm	NNE 2	3	3	------
11	57.72	57.11	23.1	30.6	95	68	Calm	NbyW 1	9	4	------
12	57.96	57.52	23.5	30.6	90	70	Calm	N 1	1	4	------
13	58.80	57.76	22.8	29.3	89	72	Calm	WNW 1	7	9	------
14	58.99	58.11	23.3	27.4	92	77	Calm	SSW 1	8	9	------
15	57.87	57.30	24.5	27.4	90	84	Calm	ENE 1	5	10	34.7
16	57.63	56.87	23.3	25.6	97	92	Calm	Calm	3	10	34.4
17	57.77	57.80	23.8	25.1	97	92	Calm	Calm	10	10	18.4
18	58.51	57.84	22.5	26.5	96	91	Calm	Calm	9	9	23.1
19	57.76	57.04	23.5	30.8	97	72	Calm	Calm	2	6	------
20	58.76	57.48	23.1	30.5	94	65	Calm	SSW 1	10	9	------
21	58.40	57.03	23	31.5	95	69	Calm	WNW 1	1	7	1.3
22	57.96	56.57	23.7	30.1	94	74	Calm	NbyE 2	4	7	------
23	56.87	55.51	23.8	30.1	93	74	Calm	N 1	6	7	------
24	56.20	54.69	23.3	30.5	94	75	Calm	W 1	2	6	2.6
25	56.02	54.67	25	29	92	78	Calm	W 2	10	9	------
26	56.10	55.13	23.6	28.9	97	78	Calm	NbyE 1	10	10	------
27	55.56	55.92	23.9	25.9	94	91	Calm	Calm	4	10	11.6
28	56.14	54.82	23.6	29.4	96	81	Calm	NbyW 1	4	8	------
29	55.90	54.81	23.7	31.2	95	70	Calm	NNW 1	8	7	------
30	56.21	55.11	25	30.2	95	76	Calm	NbyE 1	10	7	.5
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.49	56.65	23.4	29.2	94.5	76.2	0	1	6.4	7.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	126.6

[a] The barometric readings of this station seem to be somewhat too low.

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.7 meters; gravity correction not applied, —1.93 mm.]

Day.	MAY.											JUNE.[a]										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.70	55.21	25.4	30	96	78	Calm	NbyE 1	5	4	0.4	55.91	55.54	23.9	26.1	92	92	Calm	Calm	4	10	43.9
2	56.19	55.47	24.9	30.4	96	72	Calm	NNE 2	9	6	.2	56.56	55.73	23.9	28.5	97	83	Calm	NbyE 2	10	10	10.4
3	57.20	56.43	24.3	30.4	96	73	Calm	N 2	7	6	------	56.25	55.69	24.5	28.3	96	82	Caim	Calm	10	9	.1
4	56.85	56.07	23.6	30.4	94	69	Calm	W 3	9	6	------	56.22	55.81	23.5	26.4	95	91	Calm	W 1	8	10	21.9
5	56.07	55.10	25.9	27	88	87	WSW 1	Calm	9	7	22.5	55.79	54.84	23.3	27.7	96	88	Calm	NNW 2	6	10	74.4
6	56.23	55.48	24.8	30.8	94	65	Calm	W 2	9	10	------	55.82	55.44	23.8	26.5	96	90	Calm	Calm	9	10	33.2
7	56.97	56.25	25.4	30.9	93	67	Calm	S 3	3	8	------	56.27	55.70	23.4	25.3	96	91	Calm	Calm	6	10	14.5
8	56.17	55.85	25.5	31.8	90	60	Calm	S 3	8	3	------	------	------	------	------	------	------	------	------	------	------	------
9	57.41	56.54	25.8	26.9	90	88	Calm	Calm	7	9	7.4	------	------	------	------	------	------	------	------	------	------	------
10	57.75	56.74	24.4	31.5	92	72	Calm	W 1	4	6	2.5	------	------	------	------	------	------	------	------	------	------	------
11	58.39	56.84	24.7	30.3	94	72	Calm	W 3	2	9	------	------	------	------	------	------	------	------	------	------	------	------
12	58.69	57.20	24.4	32	93	61	Calm	S 1	0	6	------	------	------	------	------	------	------	------	------	------	------	------
13	58.49	56.65	24.9	29.6	95	78	Calm	NNE 2	6	9	16.3	------	------	------	------	------	------	------	------	------	------	------
14	58.28	56.65	24.3	27.4	93	84	Calm	WSW 2	9	9	12.4	------	------	------	------	------	------	------	------	------	------	------
15	58.29	57.36	24.2	25.1	95	87	Calm	SSE 3	10	10	2	------	------	------	------	------	------	------	------	------	------	------
16	58.50	57.52	23.8	31.6	94	70	Calm	WNW 1	8	6	------	57.68	58.89	25.3	23.3	86	96	SSE 3	Calm	10	10	74.7
17	59.38	58.16	23.4	30.3	96	74	Calm	NbyE 3	10	5	------	58.07	57.94	22.8	24.3	94	91	Calm	Calm	6	10	38
18	58.59	58.29	24.3	28.3	92	81	Calm	NNE 2	10	10	.1	58.89	57.65	23.9	31.5	96	65	Calm	SbyE 2	10	6	5.1
19	58.50	57.99	24.5	25.3	94	91	Calm	Calm	10	10	42.9	59.38	58.85	24.1	27.9	95	77	Calm	SSE 1	7	9	1.3
20	58.09	56.80	22.8	27.1	96	86	Calm	Calm	2	9	9.5	59.45	58.28	23.3	29.9	96	75	Calm	NNW 1	3	6	.3
21	57.51	56.33	23.3	28.6	96	80	Calm	WbyS 1	4	7	.5	59.56	58.12	23.7	28.9	95	71	Calm	NNW 1	10	10	3.3
22	57.41	56.46	24.1	28.9	94	76	Calm	WbyS 1	10	8	6	58.76	58.43	23.2	30.1	91	75	Calm	Calm	8	6	8.4
23	56.81	55.88	23.4	26.6	95	91	Calm	W 1	10	10	3.7	59.74	58.75	23.8	28.1	96	81	Calm	Calm	9	8	5.1
24	56.82	56.05	24.4	27.9	96	79	Calm	W 4	10	10	.2	59.19	58.47	23.1	29	95	74	Calm	Calm	7	9	5.8
25	57.50	56.78	24.3	28.2	92	78	Calm	NNE 2	7	10	15.5	58.70	57.58	23.2	30.1	94	73	Calm	NNE 2	10	7	------
26	57.87	57.23	23.4	28.3	95	82	Calm	NEbyN 2	1	9	.4	58.18	57.23	23	28	94	84	Calm	NEbyN 1	5	8	6.6
27	58.40	56.70	23.4	29.9	96	77	Calm	N 1	3	6	------	58.24	57.13	23.3	30.3	96	70	Caim	SSW 1	7	8	------
28	57.41	56.55	23.4	26.4	96	90	Calm	Calm	7	9	39.7	58.94	58.53	23.7	27.7	94	87	Calm	NWbyN 1	7	9	5.6
29	56.88	55.86	23.6	31.5	88	66	Calm	ENE 3	7	5	1.8	59.70	58.21	24.2	29.3	95	72	Calm	NEbyN 3	10	5	2.3
30	57.40	56.18	24.4	28.2	95	82	Calm	SbyW 1	9	10	.3	58.27	56.92	23	30.2	96	70	Calm	W 2	7	5	------
31	56.83	55.72	24.4	29.7	95	78	Calm	NbyE 3	10	4	------	------	------	------	------	------	------	------	------	------	------	------
Mean	57.50	56.53	24.3	29.1	93.8	77.2	0	1.7	6.9	7.6	------	57.98	57.26	23.6	28.1	94.6	80.8	0.1	0.9	7.7	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	184.3	------	------	------	------	------	------	------	------	------	------	[b] 354.9

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.12	57.59	23.7	27.5	93	87	Calm	Calm	10	9	10.4	56.96	56.31	26.1	30.1	88	68	Calm	SbyE 2	9	10	------
2	58.56	58.28	23.2	28.1	97	83	Calm	Calm	8	8	9.7	57.24	57.11	24.8	27	92	83	Calm	Calm	10	10	2.5
3	57.83	57.66	23.4	30.4	96	76	Calm	WNW 3	9	6	------	57.73	57.69	25.1	31.7	86	54	SSW 1	SbyW 2	7	7	------
4	57.55	56.74	24	30.1	94	73	Calm	W 3	10	10	7.7	58.16	57.14	24.1	31.3	92	65	Calm	SSE 3	3	8	------
5	56.85	56.90	24.1	26.1	94	88	Calm	WbyS 1	10	10	5.6	58.09	57.19	25.8	31.1	92	66	Calm	S 3	5	4	------
6	57.27	56.71	23.7	27.8	94	77	Calm	S 2	10	10	------	57.95	57.09	26.3	31.6	92	65	SW 1	SSE 4	9	9	------
7	57.47	57.04	23.4	26.4	95	85	Calm	W 1	10	9	13.5	57.72	57	26.1	30.9	89	65	SbyE 2	S 3	10	8	------
8	57.49	56.79	23.8	31.4	94	66	Calm	SbyE 2	3	7	.3	57.91	57.44	25	31.4	93	65	Calm	SbyE 3	10	8	------
9	58.05	57.78	24.9	26.9	90	82	Calm	WNW 3	10	10	.3	58.58	57.42	24.7	29.7	94	73	Calm	W 4	9	9	------
10	57.34	56.78	22.8	30.4	93	72	Calm	NNE 1	10	7	------	58.39	57.34	24.6	31	93	61	Calm	W 3	9	9	5.6
11	57.33	57.80	23.8	26.2	91	86	Calm	W 4	10	10	.3	57.88	56.64	23.4	28	92	68	Calm	S 1	10	9	.3
12	58.10	57.51	22.9	28.7	97	78	Calm	N 4	6	8	------	57.08	56.03	24.5	29.8	91	67	Calm	S 2	9	10	------
13	58.29	56.91	23.9	29.4	93	75	Calm	W 4	8	7	.3	56.68	55.98	24.1	31.1	94	60	Calm	SSW 2	3	7	------
14	56.20	55.33	25.1	28.5	95	76	S 1	WbyS 2	10	10	.3	56.70	56.13	23.6	29.7	95	72	Calm	W 2	9	10	------
15	55.32	54.27	26.2	29.6	90	69	Calm	WSW 3	10	10	20.1	56.05	55.13	25.2	29.7	90	69	Calm	S 2	10	8	------
16	56.37	55.53	23.9	29.5	90	70	WSW 2	SSW 2	10	10	------	56.02	55.70	25.4	32.1	92	61	Calm	SbyE 2	10	9	.8
17	56.77	56.51	26	30.4	90	70	SSE 3	SbyW 3	10	9	------	56.82	57.32	24.9	29.6	91	77	Calm	NW 1	10	10	22.4
18	57.66	57.06	26.4	29.5	92	68	SbyW 1	SbyW 3	4	10	------	57.83	57.93	24.4	25.7	95	87	Calm	NW 2	10	10	4.6
19	57.32	56.63	26.2	30.4	91	68	Calm	SW 4	6	4	------	57.69	56.32	22.9	28.2	96	81	Calm	Calm	5	7	.3
20	58.04	57.06	26.3	30.2	90	70	Calm	S 4	8	7	------	57.06	56.21	23.3	29.4	95	76	Calm	W 4	9	7	------
21	57.64	56.87	25.3	30.4	93	67	Calm	SbyE 1	4	5	------	57.48	56.77	23.9	28.9	94	74	Calm	W 3	9	8	3
22	57.44	56.15	25.7	30.9	92	67	Calm	SbyE 2	10	7	7.4	57.66	56.82	23.1	27.9	94	84	Calm	N 1	9	10	6.6
23	56.64	55.75	25.7	30.9	89	65	Calm	WSW 3	10	8	------	57.08	56.53	26.2	29.7	79	69	SSW 1	W 3	10	10	.3
24	56.37	56.60	26.2	30.4	87	67	Calm	SW 4	10	10	------	57.70	57.57	24.8	24.6	92	91	Calm	WSW 1	9	10	16.5
25	56.99	56.26	26.3	30.7	89	66	S 1	SbyE 4	3	5	------	58.74	59	23.5	24.6	95	93	Calm	Calm	9	10	53.1
26	57.69	56.47	25.8	30.1	88	73	Calm	S 2	4	9	------	59.21	57.61	22.9	29.1	92	78	Calm	W 3	10	10	------
27	57.56	55.99	24.4	31.6	93	65	Calm	WbyS 3	7	9	------	57	55.87	25.6	30.8	89	65	SSW 1	SbyW 3	10	10	8.1
28	56.69	56.08	25.9	25.9	87	81	S 1	SW 2	10	10	5.6	56.93	55.86	24	29.9	90	64	SW 1	WSW 4	10	9	1.3
29	56.38	55.95	26.1	30.4	84	65	SSE 1	SbyW 4	10	10	------	57.45	56.78	25.2	29.1	93	75	Calm	S 3	9	8	------
30	57.05	56.68	27.2	30.8	85	69	SbyE 2	S 5	10	6	------	58.18	57.04	24.3	29.9	93	68	Calm	WbyN 4	10	8	10.7
31	57.79	56.84	26.4	31.7	90	62	W 1	SW 4	6	6	------	58.26	56.70	22.4	29.6	96	72	Calm	W 3	10	8	1.1
Mean	57.30	56.66	24.9	29.4	91.5	73.1	0.4	2.7	8.3	8.3	------	57.56	56.83	24.5	29.5	91.9	71.5	0.2	2.4	8.7	8.7	------
Total	------	------	------	------	------	------	------	------	------	------	81.5	------	------	------	------	------	------	------	------	------	------	137.2

[a] This station was temporarily closed from June 8 to 15.

[b] 22 days of observation.

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.7 meters; gravity correction not applied, —1.93 mm.]

SEPTEMBER.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	56.61	55.50	24.2	25.8	92	90	Calm	WSW 1	10	10	17
2	55.61	55.22	23.4	29.4	96	69	Calm	SW 4	10	10	------
3	56.11	55.11	27	30	80	62	S 5	SSW 6	10	8	------
4	56.97	55.86	25.9	29.7	81	68	SSE 4	SbyW 5	7	6	------
5	58.14	56.95	25.5	31.9	88	62	Calm	SSE 3	8	3	------
6	58.24	56.91	25	32.4	92	63	Calm	SbyE 1	3	5	------
7	57.96	57.06	23.9	32.5	97	66	Calm	NNW 1	6	6	8.1
8	58.35	57.48	23.6	29.1	95	77	Calm	WbyN 3	5	7	6.9
9	58.22	56.49	22.9	31.1	94	71	Calm	W 3	3	6	------
10	56.95	55.89	24.2	30.4	93	69	Calm	SSE 2	8	9	------
11	56.42	56.02	25.9	26.6	93	82	Calm	Calm	10	10	8.4
12	58.30	56.38	23.4	31.1	96	71	Calm	NNW 1	10	7	22.6
13	58.80	58.16	23.1	30.6	96	72	Calm	W 2	1	3	------
14	59.48	58.35	24.6	28.1	94	82	Calm	Calm	7	10	------
15	58.55	58.14	23.9	29.3	95	70	Calm	W 2	6	10	------
16	58.26	57.18	24.3	28.1	93	81	Calm	WNW 3	7	8	1.5
17	58.24	57.83	23.3	29.8	95	73	Calm	Calm	4	7	.3
18	58.57	57.59	22.9	31.4	96	68	Calm	W 2	9	6	------
19	58.79	57.59	24	31.8	94	69	Calm	W 2	7	6	------
20	58.64	57.71	25	27.1	92	78	Calm	NbyW 4	10	10	25.7
21	58.72	56.69	23.4	28.4	96	76	Calm	W 4	10	10	12.2
22	58.58	57.78	24.1	29.5	96	75	Calm	WbyN 2	9	8	.3
23	59.59	58.11	24.8	28.9	93	74	Calm	W 3	10	10	------
24	58.69	57.63	22.9	31.1	92	65	Calm	WbyN 2	8	5	5.3
25	58.05	57.94	24.3	27	93	80	Calm	NW 1	10	10	------
26	58.13	57.39	22.7	29.3	95	73	Calm	WSW 1	6	6	.3
27	58.50	57.42	23.4	29.9	96	74	Calm	NNE 1	3	6	11.7
28	58.12	57.28	22.9	30.6	96	70	Calm	NNW 1	4	8	------
29	58.06	57.59	23.2	30.9	95	71	Calm	W 1	4	5	------
30	58.17	57.22	23.3	29.7	94	72	Calm	NNE 1	7	5	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.06	57.08	24	29.7	93.3	72.4	0.3	2.1	7.1	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	120.3

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	58.07	58	23.6	29.9	95	71	Calm	W 2	7	8	------
2	58.17	57.19	23.6	30.3	92	68	Calm	W 2	3	6	------
3	58.07	57.20	23.6	28.4	95	78	Calm	W 4	6	5	------
4	58.46	57.46	24	28.7	94	82	Calm	Calm	9	7	41.7
5	57.99	57.16	22.4	27.2	96	76	Calm	WSW 1	3	10	------
6	57.87	56.49	23.3	26.8	93	81	Calm	NW 3	5	9	2.3
7	58.29	57.28	23.1	28.6	95	80	Calm	Calm	8	8	.5
8	58.45	57.15	22.4	31.7	95	66	Calm	WSW 1	7	5	------
9	57.35	55.90	23.7	29.6	94	73	Calm	W 2	9	8	16.5
10	57.15	55.15	24.2	30	96	71	Calm	W 3	9	10	1.8
11	56.30	54.82	25.2	30.4	94	66	SW 1	SW 4	10	9	------
12	55.62	55.04	25.9	27.7	91	71	Calm	S 3	10	10	2
13	55.30	54.71	26.9	31.3	88	66	S 4	S 4	8	8	------
14	56.41	55.36	26.9	29.5	84	68	S 4	SbyW 4	9	10	------
15	57.75	57.31	26.7	31	89	62	Calm	SW 3	10	9	.5
16	59.24	58.80	24.4	28.3	91	74	SbyE 2	S 2	10	10	.3
17	59.52	58.90	23.4	27.9	92	81	Calm	Calm	10	10	------
18	59.61	58.27	22.9	29.8	93	71	Calm	Calm	10	9	------
19	59.71	58.58	22.9	29.9	92	67	Calm	NNE 1	8	6	1.3
20	59.58	58.61	24.9	29.4	92	70	Calm	WNW 1	8	10	------
21	59.59	58.28	24	28.9	94	77	Calm	W 1	7	9	50.8
22	59.37	58.08	22.9	29.4	97	74	Calm	W 4	5	10	.5
23	58.69	57.20	25.1	29.4	93	74	NbyW 1	W 1	10	7	9.7
24	58.08	57.75	23.3	26.2	96	90	Calm	Calm	10	8	3
25	59.01	58.03	23.3	30.3	96	71	Calm	Calm	4	8	3
26	58.49	57.13	23.5	26.1	96	89	Calm	Calm	3	8	10.7
27	58.39	57.13	22.9	30.1	96	73	Calm	W 1	8	5	10.2
28	58.50	58.11	23.3	26.9	96	83	Calm	S 1	10	8	4.3
29	58.72	58.38	22.1	31	94	69	Calm	W 1	3	5	1
30	58.80	57.81	23.4	28.9	96	74	Calm	SbyE 1	4	10	------
31	58.12	57.78	23.6	26.8	95	82	Calm	Calm	5	10	------
Mean	58.22	57.26	23.9	29	93.5	74.1	0.4	1.6	7.4	8.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	160.1

NOVEMBER.[b]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	57.95	56.88	22.1	29.5	90	78	Calm	NNE 1	2	6	------
2	58.54	57.25	22.8	28.1	94	82	Calm	Calm	3	4	------
3	58.81	56.94	22.8	28.9	93	79	Calm	Calm	7	9	17.3
4	58.99	57.19	22.6	30.4	96	73	Calm	NW 2	4	8	.8
5	58.59	57.35	23.3	31.3	96	67	Calm	WbyN 1	4	5	2
6	58.47	56.98	23.3	31.3	97	71	Calm	WbyN 1	8	6	14.7
7	58.17	57.13	23.1	29.3	96	76	Calm	W 1	9	4	2.6
8	58.67	57.28	22.9	28.2	95	84	Calm	Calm	4	6	29.7
9	57.91	56.74	24	28.7	97	83	Calm	W 2	10	10	1.5
10	57.80	56.55	24.3	29.7	97	77	Calm	Calm	10	7	6.6
11	57.82	57.18	23.4	26.9	95	84	Calm	Calm	7	9	1.8
12	58.59	57.61	23.9	25.4	96	93	Calm	NE 2	6	10	26.1
13	58.57	57.34	21.9	29.4	94	72	Calm	NNE 3	8	6	------
14	58.51	57.87	24.4	29.4	92	70	Calm	NNE 3	10	5	------
15	59.14	58.51	26.1	28.9	75	70	N 2	NbyE 3	9	5	------
16	60.28	58.97	22.4	29.9	94	69	Calm	N 2	4	4	------
17	59.65	58.77	22.3	29.8	96	72	Calm	N 1	2	3	------
18	60.50	58.95	22.5	29.3	95	74	Calm	NNE 2	1	2	------
19	59.79	58.72	22.9	29.4	95	75	Calm	NNE 2	4	2	------
20	60.18	58.54	23.8	30.9	96	73	Calm	W 1	2	6	------
21	59.48	57.79	23.1	29.4	96	74	Calm	NNE 2	3	4	------
22	58.40	57.03	23.4	30.1	96	65	Calm	NEbyN 3	2	4	------
23	59.09	58.36	23.3	27.6	94	81	Calm	NE 1	9	8	------
24	59.07	58.59	23	27.3	97	82	Calm	Calm	5	9	8.1
25	59.03	57.89	22.7	27.9	95	75	Calm	NbyE 2	2	7	------
26	57.88	56.95	24.3	27.6	92	76	Calm	Calm	4	8	------
27	57.30	56.47	23.2	28.1	95	79	Calm	ENE 1	8	9	------
28	57.60	56.78	22.7	28.5	95	77	Calm	NbyE 2	7	4	------
29	57.94	57.02	22.4	29.4	96	74	Calm	NNE 1	8	3	------
30	58.28	57.74	23.4	29.3	96	75	Calm	NNE 2	3	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.70	57.58	23.2	29	94.4	76	0.1	1.4	5.5	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	111.2

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	58.49	57.41	23.3	30.6	96	72	Calm	N 1	3	3	------
2	58.12	57.47	24.4	29.5	95	74	Calm	NNE 3	3	3	------
3	58.81	58.37	24.2	27.8	95	78	Calm	W 3	4	9	0.8
4	59.59	58.81	22.9	28.7	96	78	Calm	NNE 1	3	4	------
5	59.42	58.41	26.6	29.4	86?	72	NEbyN 2	NNE 3	5	6	------
6	58.74	57.51	23.3	29.9	94	72	Calm	NE 4	3	4	------
7	58.35	57.40	23.3	28.8	94	78	Calm	NNE 2	6	8	------
8	57.49	56.61	23.6	28.7	94	75	Calm	NNE 3	8	9	------
9	57.19	56.78	24.2	29.1	95	78	Calm	NNE 2	8	9	------
10	57.66	57.38	23	28.6	94	76	Calm	NNW 1	6	5	1.5
11	57.51	56.91	23.6	28.7	97	79	Calm	Calm	7	9	4.8
12	57.55	56.35	23.5	29.7	96	68	Calm	NNE 2	7	4	------
13	57.19	56.36	23.6	28.6	96	81	Calm	NbyE 2	9	5	------
14	56.38	56.21	23.5	27.9	94	81	Calm	SbyW 1	5	10	24.4
15	57	56.28	22.9	26.7	96	92	Calm	W 1	7	10	43.7
16	58.27	56.94	23.7	29.3	97	78	Calm	NNE 2	7	9	------
17	58.29	57.51	23.4	30	96	78	Calm	W 1	7	8	6.4
18	58.38	57.62	22.9	30.4	97	75	Calm	W 1	4	5	.3
19	58.47	58.19	24.7	28.5	91	77	Calm	NE 1	10	9	------
20	59.29	58.07	26.7	28.5	90	75	NNE 1	NNE 3	10	10	.3
21	58.88	57.96	23.4	28.1	96	74	Calm	NNE 1	10	6	------
22	58.23	57.09	26.5	26.5	87	83	NNE 1	NW 1	9	10	6.4
23	57.54	57.27	26.2	28.6	87	80	NW 1	NNW 1	10	9	17.8
24	58.64	57.69	24.4	25.3	92	88	Calm	NE 1	9	10	11.7
25	58.88	57.76	23.8	30.2	96	73	Calm	NW 1	9	6	3.1
26	58.98	58.68	23.4	29.6	97	75	Calm	NW 4	7	10	6.3
27	58.33	57.91	26.6	27.9	90	81	NNE 1	NbyE 3	9	9	1.3
28	58.44	57.43	26.5	27.1	82	85	NNE 3	N 1	9	7	8.1
29	59.04	58.36	26	28.9	90	79	NE 1	NNE 2	9	5	------
30	60.29	60.54	25.4	26.1	94	91	Calm	Calm	10	10	19.1
31	60.77	59.89	22.4	29.7	97	76	Calm	NNE 1	6	4	------
Mean	58.39	57.65	24.3	28.6	93.5	78.1	0.3	1.8	7.1	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	156

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[a] The rainfall of the 22nd in the "Monthly Bulletin" should be 0.3 mm. instead of 0.5 mm.

[b] Beginning with the morning of November 16, the height of the barometer above sea level was 5.5 meters.

ZAMBOANGA.

[φ=6° 54′ N; λ=122° 05′ E; barometer above sea, 7.1 meters; gravity correction not applied, —1.91 mm.]

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Relative humidity. 6 a.m.	Relative humidity. 2 p.m.	Wind, direction and force (0-12). 6 a.m.	Wind, direction and force (0-12). 2 p.m.	Cloudiness. 6 a.m.	Cloudiness. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	JANUARY.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.10	57.17	24.2	29.9	87	68	W 1	W 3	8	7	------
2	57.67	56.34	23.7	27.7	93	82	Calm	SSE 2	10	10	4.4
3	57.75	56.98	23.4	29.9	96	64	Calm	SE 1	3	2	------
4	58.51	57.85	23.2	28.9	85	78	Calm	W 1	6	3	3.8
5	58.17	57.28	23	28.8	96	77	Calm	W 3	10	10	5.1
6	57.65	56.49	23.1	30.8	97	56	Calm	ENE 1	10	10	------
7	57.52	56.55	23.2	27.6	89	76	Calm	W 2	10	10	4.8
8	57.75	57.49	24	28.5	97	83	Calm	SSE 1	10	10	------
9	58.26	57.28	23.7	29.5	91	75	Calm	W 2	3	3	------
10	57.99	57.14	23.5	26.9	90	77	NW 1	WSW 1	8	10	------
11	58.22	57.61	24.3	28	90	85	Calm	Calm	4	10	11.4
12	58.82	58.28	23.2	30.6	90	67	Calm	W 2	4	3	------
13	59.49	58.25	22	30.6	86	53	Calm	E 1	3	10	------
14	59.66	59.08	22.5	29	87	70	NNW 1	SE 2	3	3	------
15	60.59	59.76	22.4	29.4	84	67	NNW 1	SE 1	2	4	------
16	61.42	59.82	21.4	28.6	80	72	N 1	SSE 1	3	7	------
17	61.06	59.77	21.4	28	82	71	Calm	WSW 1	2	6	------
18	60.90	59.47	21.9	28.1	92	76	NNE 1	SW 1	6	3	------
19	60.86	59.98	22.4	29.8	82	71	W 1	SSW 1	7	5	------
20	61.44	59.52	22.7	29.8	84	69	Calm	SE 2	5	3	------
21	61.01	60.02	22	28.9	81	69	Calm	W 2	4	3	------
22	61.12	60	23.1	27.2	91	75	NNE 1	WSW 1	10	9	------
23	61.16	59.83	22	28.9	81	67	Calm	W 2	2	6	------
24	60.84	59.44	21.5	28.9	91	71	Calm	W 2	10	8	------
25	60.81	59.84	23.4	28.3	85	66	Calm	W 2	6	2	------
26	60.90	59.79	23.9	29.9	86	66	N 2	N 4	3	5	------
27	61.10	59.79	22.3	30.6	86	57	Calm	E 2	4	5	------
28	61.21	59.87	24.7	28	84	70	N 1	W 1	9	10	------
29	60.85	59.87	23.9	27.5	87	73	Calm	W 1	10	10	------
30	60.70	59.18	23	30.6	87	65	Calm	SE 2	5	1	3.6
31	61.11	59.27	24	30.4	81	53	Calm	E 3	10	7	12.4
Mean	59.76	58.68	23	29	87.7	70	0.4	1.6	6.1	6.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	45.5
	MARCH.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.77	58.27	23.7	29.8	86	68	Calm	W 1	8	5	------
2	58.38	57.17	23.5	29.8	90	71	Calm	W 2	7	5	1.5
3	58.11	57.17	23.7	28.9	97	71	Calm	W 2	8	8	------
4	58.17	56.60	22.6	30.2	91	66	Calm	SE 3	7	9	------
5	57.87	57.13	23.4	29.5	88	61	Calm	E 1	8	10	------
6	58.11	57.37	21.9	29	75	69	Calm	W 1	7	9	3.6
7	58.90	57.50	23.6	27.1	91	79	Calm	W 1	10	10	2.5
8	57.23	56.22	22.9	27.7	90	76	Calm	W 3	10	10	------
9	57.26	56.18	23.6	29.8	85	67	Calm	W 2	3	4	------
10	57.13	56.68	23.9	28.5	84	80	Calm	W 4	10	4	21.1
11	58.25	57.44	24.4	30	93	69	Calm	E 3	6	3	1.8
12	58.53	57.74	23.2	26.3	90	84	Calm	W 3	8	9	------
13	58.17	57.59	23.7	29.4	89	72	Calm	W 3	2	4	------
14	58.72	58.14	23.2	28.2	91	66	Calm	W 1	10	10	25.1
15	58.56	57.02	23.2	30.1	93	64	Calm	E 2	3	8	1.5
16	58.30	57.18	23.9	30.4	91	63	Calm	E 2	8	8	------
17	58.12	57.39	24	31	93	56	Calm	ENE 2	10	8	23.6
18	58.12	57.24	22.9	29.4	86	72	Calm	W 1	8	8	------
19	57.83	57.09	23.6	29.2	85	74	Calm	W 2	7	10	4.3
20	58.91	58.03	23.6	26.7	93	83	Calm	W 1	10	10	4.8
21	57.99	57.09	23.1	29.6	83	69	Calm	W 1	5	6	------
22	57.69	57.22	22.3	28.4	88	79	N 1	W 3	4	8	------
23	57.77	57.13	22.8	29.8	86	65	Calm	W 2	3	5	5.6
24	57.87	58.02	24	28.9	97	78	Calm	W 3	4	8	------
25	58.66	57.54	23.8	30.1	88	62	Calm	W 6	7	6	------
26	58.67	58.02	23.5	29.1	92	71	Calm	W 2	3	7	------
27	58.58	57.33	24.2	29.6	90	68	Calm	W 1	9	6	------
28	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	58.23	-----	29.6	-----	68	-------	W 1	-----	6	7.6
Mean	58.17	57.35	23.4	29.1	89.1	70.4	0	2.1	6.9	7.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	[a]103

Day.	Pressure, 700 mm.+ 2 p.m.	Pressure, 700 mm.+ 6 a.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Relative humidity. 6 a.m.	Relative humidity. 2 p.m.	Wind, direction and force (0-12). 6 a.m.	Wind, direction and force (0-12). 2 p.m.	Cloudiness. 2 p.m.	Cloudiness. 6 a.m.	Rain, 24 hrs. beginning 6 a.m.
	FEBRUARY.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.15	59.95	22.6	29.7	96	63	Calm	W 1	7	6	------
2	59.72	58.71	23.8	30	85	64	Calm	W 2	6	6	------
3	59.54	58.09	24	28	86	77	Calm	W 3	10	10	------
4	59.77	58.13	23.3	30.3	88	68	Calm	W 2	4	6	------
5	59.67	58.83	24.1	27.1	86	81	Calm	SSE 1	9	10	------
6	59.65	58.47	24	29.5	92	75	Calm	SSE 3	10	4	------
7	59.59	58.62	23.4	30.3	85	63	Calm	E 3	6	7	------
8	59.35	58.33	22.6	28.8	88	71	Calm	W 3	1	2	------
9	59.56	58.49	23.1	29.6	87	68	N 1	W 2	1	2	------
10	59.77	59.53	24.3	28.6	87	71	W 1	E 2	2	10	------
11	60.10	59.33	22.7	29.5	84	64	Calm	SSE 3	5	4	------
12	60.61	59.20	22.6	27.8	87	69	N 1	WSW 3	4	6	------
13	60.31	59.39	22.3	29.5	88	70	Calm	SE 3	2	6	------
14	60.94	60.91	22.6	30.6	81	62	Calm	E 2	2	9	------
15	61.40	60.84	23.3	29	89	71	Calm	W 3	3	2	------
16	60.67	59.64	22	29.2	84	70	Calm	E 3	3	8	------
17	59.90	58.88	22.5	30.1	84	60	Calm	SE 3	6	2	------
18	59.25	57.94	21.4	30.3	83	68	ENE 1	W 2	2	1	------
19	58.53	57.85	23	30.1	82	68	Calm	W 2	8	10	------
20	57.60	56.94	23.7	31.3	90	58	Calm	ESE 2	8	3	------
21	58.16	56.79	23.5	31.9	83	48	Calm	E 3	2	2	------
22	57.96	57.12	23.6	29.4	84	66	Calm	ESE 2	2	4	------
23	57.62	56.77	23.9	29.2	89	67	Calm	SE 2	6	7	------
24	57.33	57.08	23.6	31.7	85	56	Calm	SE 2	8	8	------
25	58.20	57.89	23.8	29	86	74	Calm	W 3	8	7	------
26	58.38	57.59	23.4	29.4	89	69	Calm	W 2	3	6	------
27	58.52	56.64	22.3	28.1	84	72	NNW 1	W 2	7	10	------
28	57.84	57.47	23.9	28.9	86	67	Calm	SW 1	10	9	10.7
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.32	58.41	23.2	29.5	86.4	67.1	0.2	2.3	5.2	6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	10.7
	APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.50	57.66	23.9	28	89	75	Calm	W 2	10	10	2.5
2	58.50	57.03	24.4	29	96	78	Calm	W 1	10	10	------
3	57.87	57.38	22.5	29.4	89	65	Calm	W 1	7	9	------
4	58.39	58.24	21.9	28.4	88	73	Calm	W 2	3	9	.5
5	58.87	58.26	24	26	88	83	Calm	NNW 1	10	10	------
6	58.71	57.92	23.5	27.2	90	76	Calm	E 1	3	10	------
7	58.02	57.45	23	29.9	84	72	Calm	SE 2	3	3	------
8	58.09	57.97	23.4	28.4	90	81	Calm	W 2	2	5	------
9	58.74	58.03	23.4	28.4	92	77	Calm	W 2	4	10	------
10	58.72	57.37	22.4	29.9	86	68	NW 1	S 1	8	8	------
11	58.18	57.03	23.5	29.4	80	75	Calm	W 3	3	7	------
12	58.77	57.89	23	28.4	81	81	NNW 1	W 3	2	7	------
13	58.75	58.20	24.1	29	84	72	Calm	W 2	7	10	------
14	59.50	58.85	24.4	28.6	84	75	Calm	Calm	8	10	2.3
15	58.75	58.36	24.5	26.5	95	85	Calm	ESE 1	10	10	2.3
16	58.48	57.13	23	29.4	84	70	Calm	W 2	3	7	8.1
17	58.59	58.03	23.4	29	95	76	Calm	SE 2	10	7	3.6
18	59.24	58.28	24	29.1	91	70	Calm	W 1	10	7	1
19	58.47	57.70	23.7	29.6	95	74	Calm	SE 2	2	1	------
20	58.50	57.93	24.1	29.2	93	74	Calm	W 2	8	5	------
21	58.87	57.73	23.4	28.8	95	78	NNW 1	W 1	2	7	4.6
22	58.70	57.43	24.4	30.2	91	74	Calm	SE 2	9	3	------
23	57.55	56.55	24	29.8	83	73	Calm	W 2	6	5	------
24	56.95	55.51	24.6	30.4	88	66	Calm	E 2	9	9	2
25	56.81	55.64	25	28.9	89	76	Calm	S 1	10	10	------
26	57.03	56.03	23.9	29.1	88	76	Calm	SSE 2	10	10	------
27	56.66	55.84	24.6	29.9	87	72	Calm	W 2	8	7	------
28	56.63	55.84	24.4	30.5	85	61	Calm	E 2	10	9	------
29	57	55.62	24.4	29.1	85	76	Calm	W 2	10	5	------
30	56.90	55.51	24.3	30.1	85	75	Calm	ESE 2	10	8	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.16	57.28	23.8	29	88.3	74.2	0.1	1.7	6.9	7.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	26.9

[a] 27 days of observation.

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 7.1 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	56.35	55.92	24.6	29.6	85	72	Calm	W 2	2	4	------
2	56.77	56.08	24	30.7	87	67	Calm	SE 2	9	6	------
3	57.80	57.23	24	28.4	87	70	Calm	ENE 1	5	9	------
4	57.08	56.39	24.2	28.9	87	73	W 1	W 3	6	10	0.5
5	56.55	55.40	26.1	28.8	85	78	W 3	W 4	3	4	------
6	56.61	55.97	27.1	28.5	87	78	W 2	W 2	10	10	------
7	57.80	57.19	24.9	29	89	74	Calm	W 2	5	10	------
8	58.15	57.01	24.6	30.7	92	68	Calm	ESE 2	5	8	------
9	58.17	57.66	25.6	29.5	90	75	Calm	SE 1	8	10	------
10	58.80	57.93	24.5	31	83	65	Calm	ESE 2	10	5	------
11	59.10	58.22	24.7	30.5	86	67	Calm	SE 2	5	4	------
12	59.70	58.53	25.1	31.5	91	66	Calm	ESE 2	2	2	------
13	59.05	57.56	24.5	31.1	94	67	Calm	ESE 2	8	3	1.1
14	58.59	57.08	25.6	29.5	82	70	Calm	W 2	10	2	1.8
15	59.25	58.05	24.4	27.1	87	78	Calm	W 1	10	10	8.1
16	59.20	58.56	24.3	29.1	86	74	Calm	SE 1	4	7	------
17	60.08	58.99	24.4	28.5	83	75	Calm	W 1	7	4	------
18	59.45	58.79	24.3	28	86	76	Calm	W 1	10	10	14.5
19	59.29	58.72	23.5	28.5	94	78	Calm	WSW 1	7	8	2.8
20	58.83	57.68	24.1	28	91	77	Calm	W 1	5	7	4.8
21	58.08	57.32	24.6	28.8	92	76	Calm	SSW 1	7	6	------
22	57.72	57.44	26.6	27.2	86	81	WNW 1	W 2	10	10	------
23	57.96	56.23	24.5	28.3	90	81	Calm	WSW 2	10	10	6.1
24	57.35	57.15	24.6	27	93	83	Calm	W 2	10	10	1.3
25	58.25	57.93	24	27.6	88	76	Calm	W 1	9	10	------
26	58.84	58.52	23.6	28.9	90	74	Calm	E 2	2	10	------
27	58.83	57.80	24.5	30.6	88	69	Calm	E 1	6	7	------
28	58.40	57.40	24.4	28.1	85	73	Calm	Calm	10	10	26.7
29	57.90	56.97	23.5	30	88	73	Calm	SE 2	5	4	------
30	57.96	57.17	24.3	29.3	89	70	Calm	W 1	10	8	------
31	57.86	56.49	24.5	30.3	87	67	Calm	E 2	10	5	7.1
Mean	58.25	57.40	24.6	29.1	88	73.3	0.2	1.6	7.1	7.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	74.8

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	56.87	56.15	24.4	29.9	91	71	Calm	W 1	7	6	10.2
2	57.30	56.54	24.1	28.1	92	82	Calm	W 2	10	10	4.1
3	57.23	56.07	23.8	28.5	90	78	Calm	W 2	7	4	------
4	57.20	56.37	24.3	28.4	88	79	Calm	W 2	10	8	9.1
5	56.83	55.88	25.2	29.4	91	79	Calm	SE 2	10	9	4.1
6	57.23	56.35	24.4	27.2	97	87	Calm	SSE 2	10	10	------
7	57.03	56.22	24.5	30.8	87	55	Calm	E 2	10	7	------
8	57.65	57.25	24.7	29.5	85	70	Calm	SE 2	9	10	7.4
9	59.21	57.69	24	28	92	74	Calm	Calm	10	10	------
10	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
11	-----	58.18	-----	28.5	-----	75	-------	W 2	-----	10	------
12	58.77	58.12	24.1	28.9	86	76	Calm	Calm	10	10	------
13	58.70	58.09	24.6	28.8	91	95	Calm	Calm	10	10	------
14	59.09	58.09	23.6	29.2	91	79	Calm	SE 2	5	10	2.5
15	59.06	58.25	24.1	29.6	94	73	Calm	SSE 1	10	8	24.2
16	59.06	59.03	23.5	27.4	97	77	Calm	SE 1	10	10	9.6
17	58.82	58.65	23.6	27.9	93	79	Calm	SSE 4	10	10	------
18	59.87	58.74	24	30	95	65	Calm	E 1	10	9	5.4
19	60.34	59.63	24.4	28.8	91	75	Calm	SE 1	3	10	------
20	59.92	59.23	24.2	27.7	87	75	Calm	W 1	3	10	2
21	61.17	58.63	23.1	27.6	90	76	E 2	S 1	10	9	4.3
22	59.57	59.03	23.6	29	87	76	Calm	W 2	8	6	------
23	60.49	59.04	23.6	29.4	87	70	Calm	S 2	7	7	------
24	60.14	59.31	23.6	29.9	86	67	Calm	SSE 1	9	10	------
25	59.59	59.07	23.7	26.9	86	80	Calm	W 2	10	10	------
26	59.94	58.12	23.4	30	91	67	Calm	SE 2	3	3	1.5
27	59.13	57.96	23.7	30.4	96	68	Calm	SE 2	10	5	1
28	60	58.98	24.5	29.6	96	72	Calm	SE 1	10	5	3
29	59.28	58.58	24.1	29.3	91	73	Calm	W 2	10	7	------
30	58.90	57.54	24.4	29.3	85	76	Calm	W 3	10	4	35.6
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.87	57.96	24	28.9	90.5	74.8	0.1	1.6	8.6	8.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	[a]124

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	59.10	57.93	23.4	28.5	97	75	Calm	W 3	10	7	------
2	59.28	58.92	24.4	29.5	89	69	Calm	W 2	10	9	------
3	59.51	58.60	24.1	28.5	90	75	Calm	W 2	6	10	------
4	58.92	57.43	24.2	29.4	88	74	Calm	W 2	10	8	------
5	57.91	57.28	23.4	28.1	91	76	Calm	S 1	10	9	12.4
6	58.38	57.27	23.5	28.6	94	71	Calm	W 2	10	9	------
7	58.71	58.16	23.4	26.9	86	84	Calm	W 3	6	10	------
8	58.61	57.67	23.8	29.8	89	67	Calm	W 1	5	6	------
9	58.95	58.31	24.4	25.5	91	83	Calm	W 3	10	10	11.7
10	57.94	57.50	23	28.9	85	69	Calm	W 1	10	10	------
11	58.55	57.78	24.9	25.7	85	89	W 2	W 4	10	10	2.8
12	58.82	57.93	23	29.5	86	75	Calm	W 1	4	7	------
13	57.75	56.59	24.1	30.5	91	69	Calm	W 2	7	9	55.9
14	57.19	56.29	24.8	26	89	88	W 1	W 2	10	10	20.9
15	56.54	56.06	21.9	27.9	100	78	W 2	W 2	10	9	35.3
16	57.06	56.57	26.4?	27	86?	81	W 1	W 2	10	10	14.5
17	58.11	57.62	25.1	29.9	90	72	Calm	NE 1	10	10	------
18	58.57	57.97	24.4	29.4	86	75	Calm	W 3	10	9	------
19	58.22	57.63	24	29.2	86	80	Calm	W 3	3	3	------
20	58.58	57.76	24.6	29.9	88	73	Calm	W 2	7	5	------
21	58.81	57.83	24.6	30	88	77	Calm	SSE 1	5	5	------
22	58.44	56.97	23.7	30	90	69	Calm	W 1	8	9	10.9
23	57.72	56.84	23.4	28	94	68	Calm	W 3	10	10	------
24	57.61	57.39	25.5	28.9	93	74	Calm	W 4	10	9	------
25	58.37	57.10	24.4	29.9	88	65	Calm	W 1	4	7	------
26	58.62	57.70	24.9	31	87	65	Calm	Calm	10	9	------
27	57.97	57.30	25.9	28.8	92	80	W 1	W 3	10	10	------
28	57.47	56.62	27	28.9	84	76	W 1	W 3	10	10	8.6
29	57.62	56.97	24.1	29.1	90	78	Calm	W 4	10	10	------
30	58.41	57.89	25	29.5	90	77	Calm	SE 1	8	9	------
31	58.92	57.90	26.1	29.5	87	76	W 1	W 3	4	3	------
Mean	58.28	57.44	24.4	28.8	89.4	75.1	0.3	2.1	8.3	8.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	173

AUGUST.[b]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	57.97	57.38	27	28.8	84	75	W 1	WSW 2	5	10	------
2	58.37	58.81	26.8	-----	79	-----	Calm	W 2	6	10	2.5
3	58.82	58.23	26.4	29.9	86	75	W 1	W 2	8	7	------
4	59.06	58.19	26	29.3	88	76	W 1	W 3	6	5	------
5	59	58.05	26.6	29.9	83	71	W 1	W 3	6	3	------
6	59.02	58.15	24.8	28.9	85	76	Calm	W 2	8	10	------
7	58.95	58.15	24.6	29.5	85	70	Calm	W 2	5	8	------
8	59.14	58.76	23.9	26.8	83	84	Calm	SE 1	3	9	------
9	59.48	58.37	25.6	29	84	77	Calm	W 2	9	9	------
10	58.77	58.04	24	28.4	90	76	Calm	W 2	5	10	------
11	58.46	57.50	26.5	29	75	75	W 2	W 1	9	9	.8
12	58.46	57.10	24.6	28.8	87	71	Calm	SSE 1	10	8	------
13	58.03	56.93	23.6	28.8	91	76	Calm	W 3	8	6	------
14	57.63	56.99	23	28.9	84	77	Calm	W 3	4	10	------
15	57.08	56.14	26.5	29	85	75	W 1	W 3	10	9	1
16	56.98	57.03	25.8	29	84	74	Calm	SE 2	10	10	------
17	58.11	57.87	24.7	29.3	84	74	Calm	SE 2	7	6	.3
18	59.06	58.59	24	27.7	85	79	Calm	W 2	10	8	2.3
19	58.71	57.10	23.7	28.4	94	75	Calm	SE 2	8	8	------
20	58.02	57.23	25.8	28.3	87	74	W 1	W 3	9	9	7.9
21	58.33	57.85	23.4	27.4	95	78	Calm	W 3	9	8	14.7
22	58.76	57.89	23.9	28.6	96	76	Calm	W 2	10	10	------
23	58.58	57.82	26.3	26.9	85	82	W 2	W 2	10	10	------
24	59.16	58.49	23.6	28.3	93	69	Calm	W 3	4	10	------
25	59.82	59.50	23.3	29.5	90	76	Calm	W 2	8	8	------
26	59.26	58.22	(c)	-----	-----	-----	Calm	W 2	9	9	------
27	58.47	57.44	-----	-----	-----	-----	W 1	W 3	7	10	2
28	57.72	57.03	-----	-----	-----	-----	W 2	W 2	10	10	41.1
29	58.75	58.19	-----	-----	-----	-----	E 1	S 2	9	8	6.6
30	58.18	58.07	-----	-----	-----	-----	Calm	W 1	9	9	------
31	58.68	57.88	-----	-----	-----	-----	Calm	W 2	10	10	4.6
Mean	58.54	57.84	25	28.7	86.5	75.5	0.5	2.2	7.8	8.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	83.8

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[a] 29 days of observation.
[b] Beginning with the afternoon of August 28, the height of the barometer above sea level was 6 meters.
(c) The thermometer-shelter was in repair from August 26 to September 3.

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57	56.23	-----	-----	-----	-----	W 1	W 4	10	10	70.1
2	55.58	56.32	-----	-----	-----	-----	W 4	W 2	10	10	13.3
3	57.05	56.19	-----	-----	-----	-----	SW 3	SW 4	10	8	-----
4	58.27	57.28	26.8	28.8	80	76	SSE 2	SSE 3	10	9	-----
5	59.24	58.44	25.4	29	90	68	NNE 1	E 2	10	7	-----
6	59.26	58.02	23.4	29.1	88	70	N 1	E 1	3	9	-----
7	59.03	58.07	23.1	28	86	81	N 1	SSE 2	7	8	-----
8	59.12	58.40	24.3	28.6	92	79	N 1	SW 2	5	9	-----
9	59.01	57.57	22.4	29.4	84	72	N 1	WSW 3	3	8	-----
10	57.97	56.89	23.5	30.5	94	62	N 1	W 2	10	7	4.1
11	57.57	57.36	24.1	23.7	96	87	Calm	NNW 1	10	10	3.6
12	58.94	57.55	23	28.6	90	73	Calm	SSE 2	10	8	-----
13	59.36	58.52	23	29.2	91	69	N 1	W 2	3	9	-----
14	59.76	59.31	25	24.3	85	97	Calm	W 1	10	10	7.9
15	59.29	58.82	23.1	27.1	90	80	Calm	WSW 2	8	10	-----
16	59.22	58.12	22.6	28.6	87	69	N 1	WSW 2	10	9	-----
17	59.26	58.85	23.3	28.5	87	74	N 1	SSE 1	4	6	-----
18	59.36	58.43	22.9	28.9	83	76	N 1	W 2	3	9	-----
19	59.48	58.33	24.4	28.7	85	74	Calm	W 2	10	9	-----
20	59.15	57.85	25.1	27.1	86	79	W 1	W 3	10	10	.5
21	58.78	58.36	24.8	24.4	86	95	W 1	W 1	10	10	20.4
22	59.59	58.62	23	29	96	68	N 1	W 3	10	7	-----
23	60.25	58.62	23.6	29.4	90	72	N 1	W 3	10	9	.3
24	59.59	58.40	23	28.1	86	77	N 1	W 1	9	9	2
25	58.95	58.22	23.2	26.9	91	77	Calm	WNW 2	9	10	2
26	58.92	58.03	23.5	28.5	90	73	N 1	S 2	10	9	-----
27	59.42	57.78	23.2	28.4	89	76	N 1	SSE 2	3	2	-----
28	59.05	58.02	24.1	28.4	90	75	Calm	WSW 1	7	10	-----
29	59.10	58.16	23.4	29.4	91	72	N 1	W 3	10	9	-----
30	59.08	57.89	23	29.1	87	72	Calm	S 2	3	4	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.86	57.96	23.7	28.1	88.5	75.7	0.9	2.1	7.9	8.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	124.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.82	58.54	23.5	29	91	74	Calm	W 1	4	5	-----
2	58.82	57.13	23	28.6	90	73	N 1	W 2	8	9	-----
3	58.96	57.91	23	29.3	96	72	Calm	W 3	8	8	-----
4	59.48	58.34	24.5	28.4	91	74	Calm	SSW 2	9	9	-----
5	58.71	57.57	23.5	28.4	87	74	N 1	SSE 1	9	6	-----
6	58.87	57.32	23.4	27.6	88	73	N 1	SSE 2	8	8	-----
7	59.12	58.13	23.4	28.9	88	76	N 1	S 1	7	8	-----
8	59.03	57.94	23.4	28.9	86	72	N 1	W 2	4	6	-----
9	58.05	56.82	23.6	28	88	77	Calm	W 3	9	10	15.2
10	57.54	56.11	24.5	29.2	92	74	Calm	W 3	10	9	14
11	56.97	55.14	23.6	28.3	98	81	WSW 1	W 3	10	10	3.8
12	56.77	56.63	24.9	25.4	93	84	Calm	SW 1	10	10	15.5
13	56.67	55.63	24.6	29.9	91	66	N 1	SSW 3	10	10	-----
14	57.62	56.33	24.2	29	91	68	Calm	SW 3	10	10	23.4
15	58.83	58.49	23.6	25.9	100	86	WSW 4	Calm	10	10	25.4
16	59.96	59.18	24.4	26.5	91	80	Calm	SW 2	10	10	11.7
17	60.32	59.53	23.1	27.9	90	74	Calm	WSW 2	9	10	-----
18	60.51	59.14	22.8	29.4	88	71	N 1	S 1	9	9	-----
19	60.54	59.02	22.9	29.2	84	73	N 1	W 3	4	8	2.8
20	60.34	59.18	25.2	29.5	97	61	W 1	W 2	10	10	1.8
21	59.86	58.82	23.7	26.8	90	84	N 1	W 3	6	10	9.7
22	59.78	58.84	24.4	24.4	91	97	Calm	W 1	10	10	11.4
23	59.44	58.04	24	27.5	91	81	Calm	SSE 1	9	9	-----
24	59.15	58.50	22.9	27.5	89	79	N 1	SbyW 1	9	10	-----
25	59.75	58.95	23	27.4	88	81	N 1	S 2	5	9	-----
26	59.25	57.83	23.2	29.9	92	67	Calm	S 1	9	6	-----
27	58.98	58.14	23.4	29.3	95	75	N 1	S 2	7	4	-----
28	59.26	58.82	23.4	27.1	87	79	N 1	N 2	8	9	1
29	59.62	59.05	22.8	28	93	74	N 1	WSW 1	9	5	3.8
30	59.40	58.17	23.1	28.1	91	81	N 1	SE 1	9	9	15.7
31	58.71	58.34	23.4	29	90	74	N 1	S 1	10	10	-----
Mean	59	57.99	23.6	28.1	90.9	76	0.7	1.8	8.4	8.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	155.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.02	58	23.1	29	89	74	Calm	ESE 2	2	3	-----
2	59.14	57.91	23.4	29.1	90	67	N 2	S 2	7	5	-----
3	59.60	57.78	23.9	28.5	89	77	N 1	SSE 2	10	5	-----
4	59.37	58.32	23.6	28	90	77	Calm	W 2	10	9	1.5
5	59.24	58.42	23.5	30.4	90	69	N 1	S 2	7	6	-----
6	59.14	57.83	23.5	28.1	90	60	N 1	SSE 2	9	9	6.1
7	58.84	57.58	22.8	28.6	92	78	N 1	SE 2	10	5	-----
8	59.54	57.94	24.5	29	91	73	Calm	WSW 2	10	9	.8
9	58.72	57.58	23.5	28.1	91	82	N 1	SSE 2	10	10	-----
10	58.82	57.16	24.4	30.8	83	59	NbyE 1	E 1	6	9	-----
11	58.43	57.98	23.9	28	87	81	N 1	W 1	10	9	1.3
12	59.31	58.40	23.8	27	89	77	N 1	SSE 2	10	10	-----
13	59.49	58.09	23.9	29.4	86	70	Calm	W 3	9	9	-----
14	58.98	58.28	22.4	28.6	95	64	Calm	SW 3	3	8	-----
15	59.49	59.15	20.8	29.1	72	63	N 1	W 2	5	3	-----
16	60	59.54	22.1	28.8	81	63	Calm	W 2	2	9	-----
17	60.17	59.17	21.9	28.7	83	71	N 1	SSE 2	1	1	-----
18	61.02	59.59	22.5	29.1	79	68	N 1	NW 2	2	1	-----
19	60.36	59.39	22.7	29.4	88	71	Calm	W 2	1	8	-----
20	60.65	59.44	23.9	29.4	88	71	N 1	W 6	10	9	-----
21	60	58.48	23	29	92	74	Calm	W 1	1	9	-----
22	58.91	58.14	24	27.5	86	81	Calm	SSE 1	8	9	1.5
23	60.04	59.27	23.4	27.8	90	77	Calm	WSW 1	9	9	1
24	59.98	59.56	23.1	26.4	96	81	Calm	S 1	8	9	26.7
25	59.76	58.55	21.4	28.4	90	71	Calm	SW 1	2	2	-----
26	58.52	57.62	22.6	29.1	84	70	N 1	SE 2	3	7	-----
27	58.08	57.27	22.1	27.6	86	70	N 1	SW 2	5	9	-----
28	58.50	57.58	23	28.5	79	74	N 1	SW 1	2	5	-----
29	58.78	57.66	23.2	28.7	88	73	Calm	SW 1	2	2	-----
30	59	58.36	22.2	28.4	85	75	Calm	WSW 2	1	1	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.36	58.33	23.1	28.6	87.3	72	0.6	1.9	5.8	6.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	38.9

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.28	58.16	22.6	29.5	82	74	N 1	SW 2	2	4	-----
2	59	58.22	23.9	29.1	82	70	Calm	SSE 2	8	8	-----
3	59.69	59.43	24.4	29.4	87	75	Calm	SSW 1	3	7	-----
4	60.26	59.40	23.1	28.4	87	80	N 1	SE 2	5	2	-----
5	60.20	58.93	22.8	28.6	89	75	Calm	SW 1	8	3	-----
6	59.73	58.44	24.1	29.2	88	72	Calm	W 2	6	2	-----
7	59.50	58.03	23.4	29.6	90	70	Calm	WSW 2	4	4	5.6
8	58.46	57.01	23.9	30.2	93	70	Calm	E 2	10	9	1.8
9	58.14	57.60	23.8	29.6	90	66	Calm	SW 1	9	4	-----
10	58.61	58.16	23.6	28.8	87	73	N 1	SW 1	5	4	.3
11	58.78	57.57	22.6	30	94	63	Calm	E 2	4	4	-----
12	58.39	57.22	22.8	29	83	77	N 1	W 1	1	2	-----
13	58.21	57.35	23.4	28.5	83	75	Calm	SbyE 1	3	7	-----
14	58.13	56.94	23.2	29.9	84	67	Calm	SE 1	4	9	.5
15	57.86	57.18	23.8	29.5	91	71	N 1	SSW 1	3	8	-----
16	59.09	57.87	23.4	28.6	85	78	Calm	SSW 1	7	9	-----
17	59.18	58.42	24.9	28	88	79	Calm	SW 1	9	9	-----
18	59.26	58.27	23	28.8	89	76	N 1	SSE 1	3	5	-----
19	59.55	58.10	24	29.4	97	72	SSE 1	W 1	10	10	24.4
20	60.08	59.06	23	29.1	91	59	Calm	E 2	10	9	-----
21	59.86	58.56	22.9	27.9	90	78	N 1	WSW 2	9	9	-----
22	58.68	56.97	23.6	30.6	95	66	Calm	SE 1	8	9	-----
23	58.23	58.04	23.4	25.7	89	92	Calm	Calm	9	10	2
24	59.27	57.93	22.5	28.2	92	69	N 1	SW 1	9	10	-----
25	58.79	58.39	22.9	29.1	86	73	Calm	W 3	2	3	-----
26	59.50	59.03	23.2	27.5	85	82	Calm	W 3	4	10	-----
27	58.92	58.23	23.9	27.4	92	84	Calm	E 1	9	10	-----
28	58.57	57.68	23.9	28.4	87	77	Calm	NNE 1	5	8	4.8
29	59.89	59.09	23	28.4	92	73	N 1	W 2	7	9	8.9
30	61.25	61.14	24.2	29	99	76	Calm	W 2	10	9	-----
31	61.54	60.72	23.2	29.4	91	72	Calm	W 1	7	8	-----
Mean	59.22	58.29	23.4	28.9	89	73.7	0.3	1.5	6.2	6.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	48.3

DAVAO.

[φ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain. 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	58.76	57.24	22.2	26.7	98	86	Calm	Calm	6	9	------
2	58.18	55.84	23	29.2	96	72	Calm	Calm	6	5	------
3	58.10	56.93	21	29.9	96	70	Calm	N 1	5	6	------
4	59.74?	57.94	23	28.4	96	78	Calm	Calm	9	9	------
5	58.28	56.55	23	30.5	95	67	Calm	Calm	5	6	53.3
6	58.30	56.04	21.1	29	98	74	Calm	NE 1	6	7	------
7	57.50	56.94	23.5	27.4	96	85	Calm	NE 1	9	9	------
8	58.18	57.39	23	29.5	97	70	Calm	NE 1	8	6	------
9	58.23	56.65	23	30.7	96	70	Calm	SE 2	5	6	------
10	57.97	57.09	24	28.2	97	66	Calm	N 3	5	9	11.7
11	58.88	57.41	21.2	30.5	96	63	Calm	N 1	5	6	------
12	59.47	57.98	21	30	91	60	Calm	N 2	5	6	------
13	60.07	58.75	22	81	96	62	Calm	Calm	9	6	------
14	60.24	58.66	20.8	31.1	97	59	Calm	N 1	5	6	------
15	61.20	59.19	18.8	29.9	91	68	N 1	N 1	5	7	------
16	61.83	58.94	21.2	30.4	98	73	Calm	Calm	6	5	------
17	60.90	59.07	20.5	27.5	95	87	Calm	Calm	5	9	6.9
18	61.18	58.87	21.9	29.8	97	64	Calm	N 1	6	5	------
19	60.88	58.70	21.2	31.2	94	56	Calm	N 2	5	6	------
20	61.78	59.21	21	30.6	95	70	Calm	N 1	6	5	------
21	61.43	59.26	19.5	29.4	91	66	Calm	N 1	5	5	------
22	61.37	59.56	22	29.5	97	68	Calm	Calm	6	8	------
23	61.24	59.23	20.9	29.5	92	64	N 1	N 1	6	5	------
24	60.88	58.27	21.2	30.5	97	73	Calm	N 1	6	7	------
25	61.27	58.81	22.3	31	94	65	N 1	N 2	9	7	------
26	61.58	59.32	21.5	30.7	95	57	Calm	N 4	6	7	------
27	61.63	59.26	23.8	31.5	85	66	N 1	N 2	6	5	------
28	61.02	59.28	22	29.8	96	63	N 1	Calm	5	6	------
29	61.85	59.15	21.5	30.5	95	73	Calm	N 1	5	6	------
30	60.88	59.47	21.5	28.5	95	71	Calm	N 2	5	5	------
31	62.09	59.44	22.5	30.1	92	61	Calm	N 3	6	5	------
Mean	60.16	58.27	21.8	29.8	95	68.6	0.2	1.1	6	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	71.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	61.13	59.62	23.2	29	90	71	Calm	Calm	5	6	------
2	60.43	58.47	23	31.6	91	60	Calm	N 2	5	6	6.9
3	59.87	57.30	21.5	31.1	95	65	Calm	Calm	5	5	------
4	59.84	57.36	21	28.3	96	75	Calm	Calm	6	8	------
5	60.07	58.14	22	29.6	96	70	Calm	N 2	6	8	------
6	60.13	58.24	21.5	30	95	74	Calm	Calm	5	7	------
7	60.44	58.03	23	30.5	97	70	Calm	N 1	6	5	------
8	60.10	57.87	21.5	30.3	95	68	Calm	N 2	8	7	------
9	60.38	58.75	21	29.7	95	68	Calm	Calm	6	5	------
10	60.19	59.04	20.5	30.5	95	59	Calm	N 1	6	7	------
11	61.31	58.55	21.6	32	95	53	NE 1	E 2	5	6	------
12	61.53	59.26	20.6	31.2	95	60	Calm	NE 1	5	6	------
13	61.15	58.39	20	32.5	95	61	Calm	NE 1	5	7	------
14	61.46	60.88?	22.5	24	96	95	Calm	Calm	5	9	24.9
15	62.95	60.02	21	31.5	95	67	Calm	NE 2	5	6	------
16	62.56	60.17	22.3	28.6	93	70	N 2	NE 2	7	9	------
17	60.67	58.78	22.1	26.6	90	44	N 2	N 3	6	7	------
18	59.88	57.75	21.5	31.2	95	55	N 1	N 2	5	6	------
19	58.84	57.39	23.1	29	93	74	Calm	Calm	6	8	8.9
20	58.94	56.95	22.5	31.4	96	67	N 1	Calm	7	6	------
21	58.57	56.22	22.2	31.6	96	66	Calm	NE 1	5	6	------
22	58.07	56.25	21.5	31	95	64	Calm	NE 2	5	6	------
23	57.79	56.49	21.6	28.4	95	76	N 1	NE 2	5	8	------
24	58.20	57.17	21.5	29.8	95	75	Calm	Calm	6	8	------
25	59.26	57.31	23	30.6	96	66	N 1	NE 2	5	6	------
26	58.88	56.40	21	33.2	96	63	N 1	N 2	5	6	------
27	58.57	55.45	22	33.5	96	63	Calm	NE 2	5	6	------
28	58.53	56.99	21	29.2	95	68	Calm	NE 1	5	8	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.99	57.97	21.8	30.2	94.7	66.7	0.4	1.2	5.5	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	40.7

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain. 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	59.52	58.16	23	29.8	96	77	Calm	NE 2	8	8	------
2	59.76	56.63	22.3	32.1	93	64	Calm	NE 2	6	5	------
3	58.60	56.71	20.5	30.5	96	64	Calm	Calm	5	6	------
4	59.29	57.39	23	31.8	97	65	N 1	NE 2	5	6	------
5	58.87	56.58	19.5	32.7	93	61	Calm	Calm	5	6	------
6	58.76	57.19	22.5	27.5	96	77	NE 1	ENE 1	8	9	------
7	58.41	57.41	22.5	25.7	96	90	N 1	Calm	9	9	12.4
8	57.62	55.79	22.5	29.5	96	68	Calm	NNE 1	6	8	------
9	57.26	55.48	21.5	31.9	95	64	NE 1	Calm	6	5	------
10	57.22	56.62	22.5	28.2	94	80	Calm	NE 1	8	8	14.2
11	58.50	57.02	22	32	96	60	Calm	NE 1	6	6	------
12	58.73	56.64	23.2	31.6	96	62	Calm	NE 1	5	6	------
13	58.54	56.53	22.8	32.3	97	59	SE 1	SSE 2	5	6	------
14	59.18	57.11	23.5	30.5	96	75	SE 1	Calm	5	6	5.1
15	59.01	56.99	23	28.4	96	78	NNE 1	NE 1	7	8	53.3
16	58.54	57	23	27.5	98	84	Calm	Calm	9	9	1.3
17	58.88	57.41	21	31.6	96	63	Calm	ENE 1	5	6	------
18	58.43	56.45	23.7	31.5	96	60	NE 1	Calm	5	6	------
19	58.34	56.37	22.4	30.6	92	68	NE 1	Calm	5	6	14.2
20	58.88	57.87	23.8	27.1	97	83	ENE 2	SE 1	7	6	3.3
21	58.42	56.45	20.5	31.1	95	51	Calm	Calm	6	7	3.6
22	57.90	56.84	23.5	28.6	97	77	NE 2	Calm	6	8	------
23	58.69	56.57	23.5	29.4	94	72	ENE 2	Calm	9	8	2.5
24	59.08	57.57	21.5	31.4	95	54	Calm	Calm	6	6	------
25	59.73	57.53	22.7	33.5	94	48	Calm	NE 1	7	6	------
26	58.77	58.04	22.9	29	88	68	SE 1	ESE 2	7	6	------
27	60.15	57.73	20	31.5	95	60	Calm	Calm	5	6	------
28	59.68	58.10	21	32.4	95	56	Calm	SE 1	5	6	------
29	59.38	57.38	23	32	87	63	Calm	NE 1	5	6	2.8
30	59.54	58.70	22.8	32.5	92	50	Calm	Calm	7	6	------
31	59.45	57.82	21.5	28.6	91	70	Calm	NE 1	5	8	13
Mean	58.81	57.10	22.3	30.4	94.7	66.8	0.5	0.7	6.2	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	125.7

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6. a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1	59.44	56.68	23	30.8	96	62	Calm	NE 1	9	7	15
2	58.84	56.82	21.7	29.5	98	72	Calm	NE 2	6	9	10.9
3	58.32	56.53	22.5	32.8	95	48	Calm	NE 1	6	6	------
4	58.73	57.74	23	29	97	68	Calm	Calm	8	8	------
5	58.86	57.88	22.5	28	89	71	Calm	Calm	8	9	5.8
6	59.78	57.27	22	27.5	96	81	Calm	Calm	9	9	2.5
7	58.32	56.98	23	28.6	97	80	Calm	Calm	6	9	13.7
8	57.81	57.12	22.5	30	96	68	Calm	Calm	6	9	------
9	58.50	56.65	22	32.8	96	56	Calm	Calm	5	7	------
10	58.20	56.13	23.5	30.5	96	68	Calm	SE 1	5	8	20.3
11	58.26	56.25	22.7	31.7	98	64	Calm	E 1	6	6	10.4
12	58.60	57.42	24	31.4	98	71	Calm	Calm	9	5	------
13	59.76	58.08	25.3	31.2	92	74	Calm	NE 1	9	6	------
14	60.43	58.27	23.2	29	98	76	Calm	Calm	5	8	------
15	59.13	57.30	23	32	98	57	Calm	Calm	5	6	2.8
16	58.71	56.72	24.5	32	97	66	Calm	NE 1	6	5	23.4
17	59.43	57.69	23.5	30	98	71	Calm	ENE 1	6	8	------
18	59.61	58.04	23	29	97	71	Calm	SE 1	6	9	------
19	59.19	57.42	22	31	98	65	Calm	SE 1	5	6	3.3
20	59.43	57.62	22	31.4	96	57	Calm	NE 1	5	6	------
21	59.88	58.21	24	27	96	87	Calm	Calm	9	8	3.8
22	59.24	57.40	23.3	31.9	97	65	Calm	E 1	5	6	------
23	57.97	56.73	22.5	32.8	96	52	Calm	SE 1	5	5	11.7
24	57.19	55.33	24.5	30.5	92	78	Calm	Calm	10	7	14.5
25	57.14	55.96	22	27.5	96	84	Calm	Calm	6	9	------
26	57.25	56.31	23.2	27.9	98	82	Calm	Calm	6	9	------
27	56.59	55.05	22	31.8	96	64	Calm	Calm	5	6	------
28	57.76	55.49	22.3	30	97	69	Calm	Calm	5	7	------
29	56.95	55.12	24	29	95	74	Calm	SE 2	6	7	7.6
30	56.44	55.46	24	25	96	94	Calm	N 1	10	10	9.9
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.53	56.86	23	30.1	96.2	69.8	0	0.6	6.6	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	155.6

DAVAO.

[φ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.65	55.06	23.7	31	98	72	Calm	NE 1	6	5	------
2	56.60	55.14	23	32	96	60	Calm	NE 1	6	5	30
3	57.70	55.85	23.9	30.7	97	70	Calm	SE 1	7	6	4.1
4	56.68	55.19	23.4	30.5	97	73	Calm	Calm	5	8	1.8
5	55.73	54.89	23	30.5	99	72	Calm	Calm	6	8	------
6	56.48	56.04	24.6	30.5	94	74	E 1	E 1	6	8	------
7	58.27	57.35	22	31.5	96	66	Calm	SW 1	5	6	9.9
8	58.47	56.76	24	32	96	66	Calm	Calm	5	6	------
9	58.12	56.95	24	32	96	64	Calm	Calm	7	7	1.8
10	58.54	57.47	24	32.5	97	66	Calm	Calm	6	5	15
11	59.73	58.37	24	32	98	63	Calm	Calm	6	5	------
12	60.31	58.71	24.5	33.2	96	63	Calm	Calm	5	5	------
13	59.37	57.75	24	32	96	69	Calm	Calm	6	5	------
14	59.73	57.77	23	32.4	96	64	Calm	SW 1	6	6	------
15	59.22	57.72	23.9	31.7	95	74	Calm	Calm	5	6	3.8
16	59.78	58.40	23.5	32	96	66	Calm	SW 1	6	5	------
17	60.37	58.80	23	33	94	67	Calm	SSE 1	5	6	------
18	59.53	58.87	23.5	30	92	74	Calm	Calm	5	7	18
19	59.36	58.34	23.3	30.6	97	68	Calm	SE 1	5	6	------
20	59.28	56.99	23.4	34.3	97	55	Calm	SW 1	5	6	11.4
21	58.28	56.23	23.2	32.5	97	60	Calm	S 1	5	6	------
22	58.64	56.62	23.9	30.4	96	65	Calm	Calm	5	8	5.3
23	57.28	56.38	23.6	28.5	98	80	Calm	Calm	8	7	6.4
24	57.77	56.34	24	27	96	85	Calm	Calm	8	8	19.3
25	58.63	58.02	23	29.7	97	73	Calm	Calm	9	6	9.1
26	59.55	57.77	24.4	32.3	97	64	Calm	Calm	8	6	------
27	59.67	57.49	23.6	32.7	97	65	Calm	Calm	5	6	------
28	58.59	57.39	23.6	30.6	97	68	Calm	S 1	5	6	1.8
29	58.15	56.95	23.5	32.3	97	64	Calm	SW 1	6	5	------
30	58.30	57.36	23	28.3	96	82	Calm	Calm	8	9	------
31	58.14	56.31	23	29.6	97	77	Calm	Calm	6	7	------
Mean	58.48	57.07	23.6	31.2	96.4	68.7	0	0.4	6	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	137.7

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.21	56.26	23	31	97	69	Calm	E 1	6	7	4.3
2	57.13	56.12	24.5	28.4	96	77	Calm	Calm	6	9	26.7
3	57.10	56.01	23.8	31.8	97	69	Calm	Calm	7	6	------
4	57.20	56.12	23.6	30.4	95	73	Calm	Calm	10	6	30
5	55.94	55.71	23	31.8	98	67	Calm	SE 1	6	5	------
6	56.90	56.90	24	24	97	91	Calm	Calm	5	10	53.8
7	57.33	55.78	21.5	31	99	69	Calm	Calm	5	7	------
8	57.76	56.10	23	31.8	96	64	Calm	NE 1	6	6	14.5
9	59.51	58.07	24.5	28.5	96	85	Calm	Calm	7	6	------
10	59.36	58.34	24.5	29.4	96	75	Calm	Calm	10	7	10.4
11	59.23	57.69	23.5	30.1	96	71	Calm	Calm	6	7	1.3
12	58.72	57.53	24	30.5	96	74	Calm	Calm	7	7	------
13	58.24	57.62	23	32	96	69	Calm	SE 1	6	6	10.2
14	58.74	57.74	23	30.8	96	69	Calm	Calm	9	6	------
15	58.59	57.41	23	28.5	96	83	Calm	Calm	5	9	9.7
16	58.94	57.88	23	30.3	97	66	Calm	E 1	6	7	------
17	58.89	58.94	23.5	28.4	96	79	Calm	Calm	6	7	------
18	59.86	58.68	23	32.2	97	65	Calm	Calm	6	5	------
19	60.08	58.88	23	31.3	94	70	SE 1	Calm	5	6	1.8
20	60.13	58.87	24	31.9	96	69	Calm	Calm	5	6	1.3
21	60.12	58.86	23.9	27	97	85	Calm	Calm	6	8	------
22	59.71	58.67	22	32	98	65	Calm	E 1	6	6	------
23	60.28	58.37	22.9	31.5	95	60	Calm	SE 1	5	6	12.7
24	60.24	60.30	23	25.5	96	91	Calm	Calm	9	9	21.6
25	59.72	58.87	22	29.7	96	67	Calm	Calm	8	8	------
26	59.43	57.69	21.8	31.7	97	65	Calm	Calm	6	5	3.6
27	59.44	57.74	23	31.9	97	65	Calm	Calm	6	7	------
28	59.86	58.67	23.4	32	97	66	Calm	Calm	6	7	4.3
29	60.24	58.82	23	33	96	64	Calm	Calm	5	6	------
30	59.22	56.75	23.5	31.5	96	71	Calm	S 1	5	6	9.4
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.84	57.71	23.2	30.3	96.4	71.8	0	0.3	6.4	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	215.6

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.41	57.05	22.5	32.4	98	62	Calm	Calm	6	7	------
2	59.17	57.84	22.5	31.8	97	66	Calm	Calm	5	6	------
3	59.18	57.40	23	31.2	96	74	Calm	Calm	6	7	18.3
4	58.13	56.89	23	29	96	78	Calm	Calm	6	7	5.8
5	57.86	57.01	23.4	28.5	97	78	Calm	SW 1	7	9	13.2
6	57.72	57.29	22.7	30.3	98	70	Calm	S 1	5	6	------
7	58.28	57.82	23.5	32.5	96	66	Calm	Calm	5	7	------
8	59.86	57.72	22.5	32.5	96	66	Calm	Calm	6	5	2.5
9	58.63	57.54	23	30.5	96	72	Calm	Calm	6	5	------
10	57.87	57.24	21.5	29.3	98	74	Calm	Calm	6	8	------
11	57.96	56.35	22.9	31.5	97	63	Calm	E 1	5	6	------
12	58.19	56.65	22	31.9	96	58	Calm	SE 1	5	6	------
13	59.51	57.65	22.5	26.2	96	89	Calm	Calm	8	8	------
14	56.10	54.66	24	28.5	97	80	Calm	SW 2	9	10	2.3
15	55.24	54.39	23	29.5	97	75	Calm	S 2	9	9	2.5
16	56.55	56.21	23.5	31	96	69	Calm	S 2	8	7	------
17	58.35	56.52	23	30.5	96	68	Calm	Calm	8	6	------
18	57.93	57.22	24.5	30.8	96	64	Calm	Calm	7	6	6.6
19	57.38	56.46	23	31.9	96	64	Calm	S 1	5	6	2.8
20	58.47	57.44	22.8	30.2	97	74	Calm	S 1	5	6	------
21	58.43	56.85	23.1	31.5	96	66	Calm	Calm	5	5	------
22	57.93	56.49	24.5	29.9	96	75	Calm	Calm	6	7	9.1
23	57.08	56.08	24.5	29.6	96	71	NW 1	Calm	9	8	------
24	57.20	56.70	22.8	31.8	97	63	Calm	S 1	6	7	------
25	58.29	56.86	22.1	27.9	95	71	Calm	Calm	8	8	------
26	58.14	56.77	23.5	30.5	96	72	Calm	Calm	8	6	3
27	57.21	55.67	23.3	30.4	97	67	Calm	Calm	9	6	------
28	56.58	55.52	23	30.5	96	71	Calm	Calm	5	6	------
29	57.32	56.22	24	30.8	91	63	Calm	Calm	8	6	------
30	58.07	57.79	25	30	92	74	Calm	NW 1	8	8	16.8
31	58.67	57.17	23.3	32	97	66	Calm	Calm	6	5	------
Mean	57.93	56.76	23.2	30.5	96.2	70	0	0.5	6.6	6.7	------
Total	------	------	------	------	------	------	------	------	------	------	82.9

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.01	56.51	25	29.4	96	72	Calm	Calm	8	9	------
2	57.59	56.35	22.8	33.3	97	62	Calm	Calm	8	6	------
3	58.37	57.20	23.5	32.4	94	70	Calm	Calm	5	6	------
4	58.29	57.36	23	31.4	96	63	Calm	Calm	6	5	------
5	58.43	57.40	23.5	31.5	96	63	Calm	Calm	5	6	------
6	58.09	57.54	23	30.7	96	62	Calm	Calm	6	5	------
7	59.68	57.63	23	31.5	96	57	Calm	SSW 2	6	6	------
8	58.73	57.74	24	31.2	96	64	Calm	Calm	5	6	3.3
9	59.74	57.68	23.3	29	97	78	Calm	NW 2	5	8	21.6
10	58.76	57.23	22.5	30.9	96	72	Calm	Calm	6	5	2.8
11	58.21	56.22	22	30.6	96	74	Calm	Calm	5	6	14.7
12	58.07	57.26	22.5	28	96	79	Calm	Calm	9	8	------
13	57.09	55.61	22.5	30.5	96	67	Calm	Calm	7	6	------
14	56.62	55.66	22.2	31.5	98	66	Calm	Calm	5	7	------
15	56.66	56.09	23.2	29.2	97	79	Calm	Calm	6	8	90.2
16	57.10	57.42	23	30.5	96	79	Calm	Calm	6	5	------
17	58.77	57.49	23	29.1	97	82	Calm	Calm	6	6	46.2
18	58.98	57.12	24	30.9	97	69	Calm	Calm	9	6	2.5
19	58.15	56.07	23.5	30.6	96	77	Calm	Calm	6	5	------
20	57.50	56.59	23.5	30	96	76	Calm	SW 1	5	6	3.6
21	57.91	56.37	23.5	30.5	92	66	Calm	S 1	5	6	2
22	57.92	56.67	24	30.4	96	69	Calm	SW 1	7	6	------
23	57.98	55.92	23	30.5	98	68	Calm	Calm	5	6	------
24	58.26	56.49	22.5	30	96	75	Calm	Calm	5	6	------
25	58.92	56.87	23	31.4	95	66	Calm	Calm	6	5	------
26	58.91	57.55	23.5	30	96	69	Calm	Calm	6	6	------
27	57.05	55.74	23	29.8	96	69	Calm	Calm	5	6	------
28	56.66	56.04	23.5	28.5	96	74	Calm	Calm	6	9	------
29	57.95	58.09	23	28.5	96	80	Calm	Calm.	6	9	------
30	58	57.17	23	30.3	96	75	Calm	Calm	8	7	1.8
31	57.25	55.64	23	30	96	71	Calm	Calm	7	9	2.5
Mean	58.02	56.80	23.2	30.4	96.1	70.7	0	0.2	6.1	6.5	------
Total	------	------	------	------	------	------	------	------	------	------	191.2

DAVAO.

[φ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	54.95	55.26	23	26.5	96	84	Calm	Calm	9	9	3.8
2	55.83	55.21	23.3	28.5	97	81	Calm	Calm	9	8	------
3	56.91	55.42	26.5	29.8	80	69	SW 2	SW 3	6	7	------
4	58.91	56.47	25.3	30	90	71	SW 1	S 2	6	7	------
5	59.87	58.57	23.5	29.4	96	72	Calm	Calm	6	8	------
6	59.48	57.58	23.5	31	96	69	Calm	SW 1	6	6	------
7	58.99	57.30	23.5	31.8	96	61	Calm	Calm	5	5	6.4
8	58.64	57.44	23	30.2	98	64	Calm	Calm	8	6	------
9	58.31	56.38	24.5	32.5	96	63	Calm	Calm	7	6	------
10	57.66	55.56	22.5	31.5	96	66	Calm	SW 1	5	7	------
11	57.80	56.31	23.5	31.5	96	64	Calm	Calm	5	6	11.4
12	59.63	57.60	23.2	30	98	74	Calm	Calm	7	6	14.5
13	59.33	57.73	21.5	31.7	98	65	Calm	NW 1	5	6	46.2
14	60.01	58.24	23.5	31	96	72	Calm	Calm	9	6	------
15	59.07	57.41	21.9	31.3	96	58	Calm	Calm	5	6	------
16	59.16	56.86	22.5	31.5	96	66	Calm	SW 1	5	6	2
17	58.18	58.39	23.5	29	96	75	Calm	Calm	5	8	------
18	59.10	57.36	24	29.8	96	76	Calm	Calm	8	6	3.8
19	59.51	57.10	23	31.5	96	66	Calm	SW 1	7	6	2.5
20	58.79	57.24	23.5	29	96	71	Calm	Calm	8	6	8.9
21	58.20	56.36	23.9	31.9	97	66	Calm	Calm	7	6	7.1
22	58.39	57.92	22.7	29.5	98	68	Calm	Calm	5	6	------
23	59.85	57.84	24	30.4	96	72	Calm	SSE 1	9	6	11.4
24	59.52	57.72	23	30	96	73	Calm	Calm	7	6	39.1
25	59.14	57.42	22	31	98	69	Calm	S 1	5	6	------
26	59.09	57.05	23	32.3	96	64	Calm	Calm	5	6	8.1
27	59.64	57.41	23	32.2	96	66	Calm	Calm	5	6	------
28	58.88	57.87	23.5	29.5	96	78	Calm	SE 2	5	6	9.7
29	59.08	56.79	23.5	32.1	96	60	Calm	NW 1	5	6	------
30	58.66	56.77	22.5	30.8	96	69	Calm	Calm	5	6	3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.69	57.09	23.3	30.6	95.7	69.1	0.1	0.5	6.3	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	177.9

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	58.79	58.01	23	30	96	71	Calm	Calm	7	6	------
2	58.62	56.77	23	30.9	96	63	Calm	Calm	5	6	------
3	58.82	57.02	24.3	31.5	93	60	Calm	Calm	5	6	28.4
4	59.43	57.69	23.5	31.5	96	66	Calm	Calm	7	6	24.1
5	59.03	57.34	23.5	30.6	96	70	Calm	Calm	7	6	------
6	59.81	56.52	22.5	31.3	96	64	Calm	Calm	7	6	11.9
7	59.81	57.41	22.5	31.5	96	65	Calm	SE 1	5	6	------
8	59.11	56.87	22.5	30.5	96	65	Calm	Calm	5	6	14.5
9	57.31	55.42	23.5	30.8	96	67	Calm	SE 1	5	6	2
10	57.09	54.87	24	30.1	96	74	Calm	Calm	8	7	------
11	55.96	54.95	23.4	30	97	74	Calm	Calm	6	6	13
12	56.55	55.44	23.6	28.6	98	73	Calm	SE 1	7	9	11.4
13	56.79	55.56	22.5	29.6	96	74	Calm	S 2	7	6	------
14	57.61	56.22	25.6	29.7	87	77	Calm	SW 1	5	6	------
15	58.19	57.62	22.6	31	96	61	Calm	Calm	6	5	------
16	59.51	58.54	23	31	96	67	Calm	Calm	6	5	------
17	60.12	58.47	22	29.8	96	68	Calm	Calm	5	5	------
18	60.29	58.22	22.5	31.8	96	64	Calm	Calm	5	6	------
19	60.35	58.29	24	30.5	96	72	Calm	Calm	5	6	------
20	59.69	58.12	23.5	31.4	96	70	Calm	Calm	5	6	16
21	59.99	57.51	23.3	31	94	69	Calm	Calm	5	6	9.1
22	59.44	57.07	23	30	96	71	Calm	Calm	5	6	------
23	58.99	57.42	22.5	31	98	65	Calm	Calm	5	6	------
24	59.12	57.81	25	29.5	88	68	Calm	Calm	6	7	------
25	60.39	59.02	23.5	29.3	95	72	Calm	E l 1	8	6	21.1
26	59.30	57.17	24	30.8	96	71	Calm	Ca m	5	6	------
27	59.19	57.66	22.5	31	96	67	Calm	SE 1	5	6	------
28	59.61	57.82	22.5	31.7	94	59	Calm	Calm	5	6	12.4
29	59.82	58.33	21.5	31	95	65	Calm	Calm	5	6	------
30	59.51	57.46	23	32.5	96	58	Calm	Calm	5	6	------
31	59.13	58.10	23	29.7	96	73	Calm	E 1	5	6	------
Mean	58.95	57.25	23.2	30.6	95.3	67.8	0	0.3	5.7	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	163.9

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	59.08	57.43	23.1	31	97	64	Calm	Calm	5	6	3.8
2	59.54	57.52	22.5	30	96	73	Calm	Calm	5	7	13.5
3	59.59	57.85	23	30	96	68	Calm	ENE 1	6	7	24.1
4	59.67	57.74	22.5	30	96	71	Calm	NE 1	6	6	2.5
5	58.79	57.68	23.5	31	91	68	Calm	SE 1	5	6	3.8
6	59.53	57.62	22.5	31.5	96	63	Calm	SE 2	5	6	------
7	58.26	57.66	22.5	30.5	96	65	Calm	Calm	5	6	------
8	59.84	58.14	23.4	30.2	97	75	Calm	SE 2	5	6	------
9	59.03	57.69	23.5	24.3	96	92	Calm	NE 2	5	8	2.5
10	58.73	57.64	21.5	28.5	95	81	Calm	Calm	7	9	------
11	59.38	57.20	23.5	32	96	60	Calm	N 2	5	6	------
12	59.74	57.75	22.5	32.1	96	60	Calm	NE 1	5	6	------
13	59.22	57.65	21.5	31.1	95	65	Calm	N 2	6	5	------
14	58.61	57.74	22	30	96	62	Calm	N 2	5	6	------
15	59.62	58.62	21.5	32	91	55	Calm	Calm	5	6	22.9
16	61.16	58.46	22.5	30.1	96	67	Calm	N 1	5	6	------
17	60.18	58.43	21	30.8	93	60	N 1	N 1	5	6	------
18	61.12	58.86	22	30.8	96	60	Calm	N 1	5	6	------
19	60.53	59.07	23.5	31.4	96	63	Calm	N 2	5	6	------
20	60.39	58.91	23	31.6	88	54	Calm	ENE 2	6	7	------
21	60.23	58.12	22.5	30.3	91	66	Calm	NE 2	6	5	------
22	59.24	57.51	22.5	30.5	96	68	Calm	N 1	6	7	------
23	60.06	58.98	22.5	29.1	96	73	Calm	N 1	6	5	------
24	60.11	58.81	22	32.5	96	55	Calm	N 2	5	6	------
25	60.27	57.64	21	32.3	95	57	Calm	N 1	5	6	------
26	58.69	56.80	22.5	30.7	96	65	Calm	N 1	5	6	13.7
27	57.84	57.06	23	30.5	96	70	Calm	Calm	6	7	18.5
28	58.86	56.95	24	30.5	96	74	Calm	N 1	9	6	1.8
29	58.83	57	23	31.2	96	61	Calm	N 1	5	6	53.3
30	58.98	57.20	23.5	30.5	96	72	Calm	Calm	5	6	46.7
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.50	57.86	22.6	30.6	95.1	66.2	0	1.1	5.5	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	207.1

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	59.11	57.61	22.6	31	97	68	Calm	N 1	6	5	19
2	59.39	57.95	23	31.5	91	58	Calm	N 1	6	5	------
3	60.24	59.56	23	30.1	92	61	N 1	N 1	6	5	------
4	60.73	59.50	21.5	30	91	66	Calm	N 1	5	6	17.8
5	60.46	59.19	22.5	30	96	72	Calm	Calm	9	7	14
6	60.36	58.97	22.5	28.8	96	72	Calm	Calm	6	5	------
7	59.44	57.72	22.5	29.1	96	77	Calm	Calm	6	5	51.1
8	59.31	58.41	22.5	26.1	98	87	Calm	N 1	9	9	8.6
9	58.84	57.41	22	30.5	96	72	Calm	N 1	6	5	------
10	58.94	57.79	23	29.8	96	71	Calm	Calm	6	6	24.1
11	59.14	57.67	21.5	30.4	95	66	Calm	Calm	6	7	------
12	58.84	56.76	22	30.2	96	67	Calm	Calm	5	6	------
13	58.59	58.12	22.3	29.5	94	80	Calm	N 1	8	6	------
14	58.17	57.11	21.5	28.7	95	75	Calm	N 1	5	6	------
15	58.02	56.77	22.5	29.8	96	69	Calm	Calm	5	6	16.5
16	58.83	58.09	24	30.7	96	65	Calm	Calm	8	8	------
17	59.49	57.67	23	31.2	96	60	Calm	N 1	5	6	------
18	59.21	57.63	22.5	30	96	74	Calm	Calm	5	5	15.7
19	59.42	59.31	23	26.6	96	83	Calm	Calm	9	9	------
20	60.21	59.30	22.5	27.5	96	77	Calm	Calm	9	8	------
21	59.57	58.09	22.5	28	96	81	Calm	Calm	6	8	------
22	59.74	56.86	22.5	30.3	97	66	Calm	Calm	6	5	------
23	58.29	57.01	23	30.3	96	71	N 1	N 1	6	5	28.4
24	59.42	57.44	21.5	29.3	95	72	Calm	Calm	7	8	------
25	58.36	57.42	23	30	96	68	Calm	Calm	6	5	7.6
26	59.26	57.79	22.5	29.5	96	76	Calm	Calm	6	7	------
27	58.98	56.80	24	30.7	97	70	Calm	Calm	6	6	10.9
28	58.96	57.17	23	29.6	96	71	Calm	Calm	6	5	16.8
29	60.18	58.64	23.5	30	96	71	Calm	Calm	6	8	------
30	61.77	60.54	23	30	96	68	Calm	Calm	5	5	------
31	62.04	60.63	21.5	30.6	95	62	N 1	Calm	6	5	------
Mean	59.46	58.09	22.6	29.7	95.5	70.8	0.1	0.3	6.3	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	230.5

COTABATO.

[φ=7° 13′ N; λ=124° 15′ E; barometer above sea, 3 meters; gravity correction not applied, —1.91 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	58.67	56.42	23	30.4	91	66	NE 1	NW 2	4	8	29.2	60.86	59.42	24.1	29.2	82	70	SSE 1	NW 2	9	10	1.3
2	57.75	55.41	24	32	91	61	E 2	ESE 3	8	6	------	60.09	58.23	23.7	31.6	85	66	E 1	NW 2	8	8	5.3
3	57.92	56.34	22	33	91	56	NE 1	ESE 2	5	7	1	59.61	57.57	22.3	30	93	71	E 1	WNW 3	6	8	------
4	58.56	57.23	24	31.9	93	65	E 1	NE 2	8	8	1.5	59.44	57.09	21.7	31.5	94	62	Calm	SE 1	1	9	------
5	58.41	56.32	23.9	33.2	89	59	ESE 2	E 2	6	8	------	59.48	57.97	22.6	31.4	95	70	Calm	NW 2	2	6	7.4
6	57.98	55.99	22	30	96	67	NE 1	NE 1	8	9	------	59.75	57.82	22.5	33.3	96	52	Calm	SE 2	1	2	3.3
7	57.45	56.19	23.5	32	94	63	E 1	NE 2	10	8	------	59.81	57.82	23.5	33.2	91	53	Calm	S 2	1	2	------
8	58.21	57.07	23.6	33.1	91	55	NE 1	ESE 2	5	8	------	59.24	57.59	21.2	31.5	76	54	SSE 1	WNW 2	1	6	------
9	58.11	56.27	24.2	34	94	56	E 2	E 1	7	6	------	60.24	57.93	23.3	34.2	80	45	E 1	SE 3	9	1	------
10	58.10	56.22	24.5	31	92	72	ESE 2	ENE 3	9	10	10.2	60.05	58.75	22.1	35.5	86	47	E 1	E 1	1	5	------
11	58.68	56.97	22.6	32	95	57	NE 1	ESE 2	8	6	------	60.11	58.73	23	35	88	44	Calm	E 1	1	1	------
12	58.97	56.76	21	32.6	91	53	NE 1	ESE 1	3	5	------	60.85	58.31	22.7	34.7	85	44	SE 1	SE 2	1	1	------
13	59.76	57.64	23	33	88	56	ESE 1	ESE 1	6	8	------	60.46	58.48	21.5	35	82	45	E 1	NW 3	1	5	------
14	59.91	58.64	22.1	34	83	47	Calm	N 2	1	4	------	61.53	61.72?	21.7	26.8	89	74	Calm	SE 4	4	10	.3
15	61.03	60.33	19.2	33.5	85	44	E 1	SE 1	1	2	------	61.65	59.99	21.8	32.1	92	57	E 1	WNW 3	6	1	------
16	61.61	59.04	21.7	33.1	87	52	SE 1	N 1	6	7	------	62.42	60.10	21.3	32.8	86	49	ESE 1	E 1	2	9	------
17	61.29	59.08	20.5	31.1	91	52	Calm	NW 2	2	9	12.7	59.86	58.20	21.5	34.8	86	48	E 1	NW 2	2	2	------
18	60.55	58.68	23.4	31.2	90	60	Calm	SSE 1	10	5	3.3	59.42	57.29	21.7	33.2	80	45	E 2	WNW 2	1	7	------
19	60.69	58.76	23.2	32.5	92	54	Calm	NE 1	9	6	------	58.48	56.97	23.9	30.8	84	59	E 1	WNW 4	9	8	29.2
20	61.76	58.97	22	34	90	48	E 1	E 1	5	5	------	57.83	56.18	22.7	33.5	91	50	E 1	S 3	5	1	------
21	61.10	58.87	21.6	33.8	86	48	Calm	SSE 2	1	1	2.5	58.11	56.14	22.6	34.3	88	55	E 1	N 2	1	1	11.9
22	61.11	59.48	23	32.4	92	55	SE 1	SE 1	7	6	30.5	57.93	55.91	22.7	34.1	91	55	E 1	N 1	1	1	------
23	60.92	58.88	22.1	31.5	94	54	Calm	S 1	3	3	------	57.57	55.94	22	32.5	85	52	E 1	NW 2	3	4	.3
24	60.93	58.53	22.7	32.3	85	57	Calm	NW 2	9	6	------	57.63	56.55	22.8	35.5	89	47	E 1	E 2	1	3	------
25	61.19	58.99	23.5	32.1	89	57	Calm	WNW 3	5	5	.5	58.50	56.87	24.2	35.1	86	48	E 1	NNE 1	2	6	27.7
26	61.31	58.69	23.5	32.6	87	55	E 1	WNW 2	6	2	------	58.51	56.67	23.1	32.2	90	56	NE 1	W 2	7	3	------
27	61.14	58.82	22.7	32.4	85	56	E 1	NW 2	2	6	------	58.13	55.91	23.3	32.3	90	55	E 1	WNW 3	2	3	.8
28	60.61	59.17	22.8	29.2	87	72	Calm	NW 2	5	9	13.7	57.78	56.55	23.4	34.5	84	43	E 2	SE 1	1	2	------
29	60.45	59.32	22.3	30.7	91	64	Calm	NW 2	1	4	.3	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
30	61.01	59.09	21.5	31.3	93	60	Calm	NE 1	1	9	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
31	61.10	58.67	24	32.5	79	57	SE 1	NW 3	3	5	1	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	59.88	57.96	22.7	32.2	89.7	57.4	0.8	1.7	5.3	6.2	------	59.48	57.74	22.6	32.9	87.3	54.1	0.9	2.1	3.2	4.5	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	106.4	-----	-----	-----	-----	-----	-----	------	------	-----	-----	87.5
	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10*	*0–10*	*mm.*
1	58.98	57.07	24	33.7	85	56	SE 1	NW 3	5	5	------	58.86	56.98	23.8	32	90	61	NNE 1	NE 1	10	9	20.6
2	59.07	56.53	23.4	32.6	90	58	Calm	WNW 3	3	7	------	58.63	55.89	23.5	32.1	87	60	NE 1	NW 2	8	9	1.5
3	58.01	56.53	22	32.8	83	52	E 1	NW 2	1	6	------	58.02	56.52	23.2	33	91	57	ENE 2	NW 2	7	5	.3
4	58.13	56.31	23.8	33.7	73	45	ESE 3	SE 2	7	8	------	58.47	57.54	24.1	32	92	58	Calm	NE 1	9	10	19.8
5	58.20	56.21	20.6	34	79	40	E 1	SE 1	1	7	------	58.91	57.63	24	29.9	93	64	Calm	Calm	10	10	------
6	58.21	56.95	21.2	30.2	87	63	ENE 1	NE 1	7	10	0.5	58.92	57.56	22	28.9	91	68	NE 1	Calm	10	10	------
7	58.62	57.35	23.1	29.3	91	66	E 1	NE 1	10	10	------	57.98	56.56	23.3	31	91	59	E 1	SW 3	4	4	------
8	57.27	55.37	23.3	32.7	94	57	Calm	NE 1	10	9	------	57.83	57.46	24.1	31.1	92	65	NE 1	W 3	7	9	------
9	56.75	54.87	23	32.8	90	60	NE 1	W 3	5	7	------	58.76	56.94	23.3	32.3	94	60	NE 1	WNW 3	4	2	1.8
10	57.15	55.30	23.6	33.2	91	58	Calm	WNW 2	7	9	15.7	58.62	56.36	23.7	32.4	94	61	NE 1	W 4	7	5	------
11	58.33	56.47	23.5	34.2	93	48	ENE 1	S 2	1	1	------	58.16	56.48	23.7	32.1	94	63	ENE 1	W 4	5	6	------
12	58.48	56.05	23.2	36	94	47	ENE 1	E 1	2	2	4.6	58.66	57.01	24.5	33.5	92	58	Calm	W 3	9	5	------
13	58.32	56.20	23.4	33.9	93	62	ENE 1	NW 3	1	5	------	59.30	57.87	24.7	29.9	92	73	NE 1	W 4	10	9	2
14	58.03	56.94	23.5	31.8	93	64	ESE 1	W 2	8	8	3.3	59.90	57.84	23.2	31.4	94	63	NE 1	WNW 4	1	6	21.8
15	58.82	56.27	23.7	34.1	94	59	SE 1	NW 2	9	8	23.1	59.33	56.98	22.7	33.2	96	63	NE 1	W 2	8	7	.5
16	57.80	55.85	23.3	33	87	56	SE 1	SE 1	1	6	12.4	58.17	55.93	23.6	34	94	56	NE 1	W 1	5	5	36.1
17	58.67	56.94	21.6	32.9	89	52	SE 1	S 1	2	8	------	59.22	57.04	23.5	31.5	94	65	NE 1	NW 1	6	7	1.5
18	57.78	56.57	22.7	32.8	91	56	Calm	NW 3	6	3	------	59.38	57.24	24.5	31.9	94	66	NE 1	NW 2	7	7	5.1
19	57.53	56.13	22.5	32.1	83	60	E 1	NW 2	4	8	4.6	58.56	56.94	23	33	96	55	ENE 1	S 1	2	2	18.5
20	57.98	57.74	23.9	30.1	92	71	Calm	S 1	10	9	2.6	59.32	57.45	23.6	33.4	95	56	Calm	N 1	7	6	11.9
21	57.98	56.82	21.5	32.3	93	56	NE 1	SSE 1	5	5	------	58.93	57.79	24.1	28.6	92	81	NE 1	NE 1	2	10	1.3
22	57.66	56.87	22.2	32.1	93	59	Calm	SW 2	6	6	------	59.01	56.70	23.5	32.8	94	57	E 1	SE 1	2	7	.2
23	57.08	55.56	23.2	34.6	90	52	E 1	SE 2	1	4	7.9	57.53	55.47	23.8	34.1	91	51	NE 1	S 1	1	1	.5
24	58.34	57.04	22	33.1	91	44	E 1	SE 1	5	1	------	56.79	54.81	25.1	32.7	88	64	ENE 1	SE 2	7	6	------
25	59.32	57.58	22.3	34.9	88	50	E 1	WNW 2	4	1	------	57.01	54.52	23.6	33.8	82	55	SE 2	SE 2	7	6	12.7
26	58.32	57.18	23.9	31.1	78	64	ESE 1	NW 2	6	9	------	57.23	55.17	23.7	29.1	92	76	Calm	NW 3	7	10	29.7
27	59.48	57.22	21.6	32.7	80	46	ENE 1	SSW 2	6	5	------	56.23	55.46	23.6	31.8	95	95	NE 1	N 1	7	9	2
28	59.50	57.72	21.5	32.8	87	54	NE 1	NW 2	5	6	------	56.42	55.01	23.9	33	91	63	NNE 1	SW 2	2	7	------
29	58.86	57.10	22.7	33.9	87	62	Calm	NW 2	1	2	------	56.71	54.54	24.7	32.5	94	60	Calm	WNW 2	5	6	------
30	58.84	57.56	24.3	36	77	47	S 1	NNW 2	2	6	------	56.85	55.14	24.9	29.3	93	76	Calm	W 1	9	10	.3
31	58.72	57.42	22.8	31.6	85	62	NE 1	NW 1	5	9	1.5	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	58.27	56.64	22.8	32.9	87.8	55.7	0.8	1.8	4.7	6.1	------	58.26	56.49	23.8	31.9	92.3	62.6	0.8	1.9	6.2	6.8	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	76.2	-----	-----	-----	-----	-----	-----	------	------	-----	-----	188.1

COTABATO.

[φ=7° 13′ N; λ=124° 15′ E; barometer above sea, 3 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	56.11	54.82	24.6	32	95	65	Calm	WNW 2	5	6	------
2	56.80	55.04	24.6	32.7	92	61	NE 1	SW 3	5	2	------
3	57.69	55.94	25.1	32.3	91	63	Calm	W 3	6	2	------
4	57	56.07	24.6	32.2	92	60	NE 1	SW 4	6	9	16
5	56.38	54.74	24.4	29.3	93	72	Calm	WSW 5	9	9	8.7
6	56.98	56.53	24.4	27.6	94	81	Calm	SW 1	10	10	5.6
7	58.38	56.89	23	32	96	63	E 1	SW 2	2	7	------
8	58.47	56.62	23.3	31.5	94	63	Calm	S 2	2	6	------
9	58.13	56.89	23.7	31.9	95	61	E 1	W 3	5	6	------
10	58.80	57.53	23.8	32.6	92	64	Calm	SW 2	7	7	------
11	59.60	57.47	24.7	34	93	58	NE 1	W 2	3	2	------
12	60.05	57.45	25.2	35.3	92	51	NE 1	S 1	1	2	------
13	59.58	56.54	24.4	35.6	92	47	NE 1	NE 1	1	5	------
14	58.79	55.92	24.5	36	92	48	Calm	NE 1	1	2	7.1
15	59.21	57.68	24.4	30.9	92	69	Calm	SW 4	7	4	------
16	59.51	57.23	23.5	33.7	92	61	NE 1	SW 2	4	4	------
17	60.35	58.16	24.5	32.9	92	64	NE 1	NW 2	6	6	------
18	59.56	57.93	24.3	32.2	93	65	Calm	WSW 3	7	5	24.1
19	59.49	57.92	23.7	29.5	94	73	Calm	SW 2	7	9	------
20	58.98	56.71	23.7	34	95	58	E 1	Calm	2	5	------
21	58.22	56.16	25.4	33.8	93	61	Calm	WNW 1	7	6	8.9
22	58.31	56.61	25.3	29.8	94	74	Calm	SW 3	9	9	1.3
23	57.61	55.14	24.2	33.6	95	61	ESE 1	Calm	7	6	47.2
24	57.81	56.14	23.9	28.5	95	76	Calm	SW 2	10	10	14.7
25	58.96	58	22.9	29	94	76	E 1	WSW 1	9	9	.5
26	59.12	57.91	23.4	31.4	94	65	NE 1	SW 4	7	7	------
27	59.55	57.07	24	33.9	93	54	NE 1	SE 1	7	5	47.5
28	58.21	56.26	24	32.5	93	62	ENE 1	NE 1	9	7	5.8
29	58.11	56.06	24.7	33.9	95	54	Calm	NE 1	9	4	9.1
30	58.32	56.05	23.6	32.5	94	60	Calm	E 1	6	7	13.2
31	58.16	55.60	23.9	33.4	93	58	NE 1	NE 1	9	7	4.1
Mean	58.46	56.62	24.2	32.3	93.4	62.8	0.5	2	6	6	------
Total	------	------	------	------	------	------	------	------	------	------	213.8

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	56.75	55.23	24.4	32.6	90	61	NE 1	NE 1	7	9	12.7
2	57	55.30	25	32	93	68	Calm	NE 1	9	9	.8
3	57.30	55.33	24.5	33.3	94	60	SE 1	E 1	9	5	.3
4	57.08	55.49	24.8	32.8	95	60	NE 1	SE 1	7	6	22.4
5	56.83	54.75	24.4	33.5	95	58	N 1	NE 1	10	2	1
6	56.80	55.15	24.5	32.1	94	67	Calm	W 1	6	9	46.7
7	57.15	55.34	23.5	32.4	96	63	NE 1	SW 2	5	6	.4
8	57.82	55.66	24.1	33.7	95	57	E 1	SW 1	5	6	8.4
9	58.90	56.69	24.3	29.5	95	72	NE 1	NE 1	10	10	50
10	59.38	57.64	24.4	31.6	96	66	Calm	SE 1	10	9	.4
11	59.18	57.26	24.1	31.7	95	68	Calm	Calm	10	9	------
12	58.86	56.94	25.1	31.3	95	71	Calm	SW 1	10	9	2
13	58.65	57.22	23.9	33.1	92	59	NE 1	W 1	9	6	7.1
14	59.26	59.99	23.5	32.7	94	60	Calm	Calm	9	5	30.5
15	58.95	56.89	24.1	30.4	96	70	Calm	SW 2	9	6	7.9
16	59.11	58.15	23.4	28.3	95	83	Calm	NW 3	9	9	.1
17	59.11	57.98	23.7	32.2	95	64	NE 1	NW 2	9	6	1.5
18	59.91	58.11	23	32.1	95	62	Calm	WSW 3	5	5	------
19	60.29	58.57	23.7	33.4	94	62	E 1	W 1	5	4	11.7
20	60.15	58.08	24.6	29.7	95	73	Calm	WSW 3	8	7	37.6
21	60.05	58.27	23.2	30.4	96	72	Calm	SE 1	10	10	------
22	59.91	58.33	24	31.4	96	68	Calm	SW 2	1	2	.3
23	60.39	58.73	24.1	30.5	92	66	ENE 1	WNW 3	7	4	3.6
24	60.28	59.85	23.9	24.1	95	87	Calm	SE 2	8	10	2
25	59.80	58.02	22.4	31.2	95	58	NE 1	SE 1	9	6	------
26	59.18	57.08	23.2	31.9	95	62	Calm	WSW 2	1	2	------
27	59.48	57.18	23.7	33.8	94	57	NE 1	NE 1	6	3	2
28	60.18	58.14	24.6	31.6	94	63	Calm	SW 3	5	6	------
29	60.49	58.13	23.8	34.6	93	51	NE 1	NE 1	4	4	------
30	59.04	56.12	24.5	33.3	92	59	E 1	WNW 3	4	5	1
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.91	57.09	24	31.7	94.4	64.9	0.5	1.5	7.2	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	250.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	58.81	57.07	24.1	31.2	92	63	Calm	WNW 3	5	5	8.1
2	59.61	57.77	22.8	30.7	95	64	Calm	SW 2	9	7	.3
3	58.94	57.29	23	29.9	95	71	ENE 1	SW 1	10	9	2.5
4	58.06	56.38	23.9	30.6	94	69	Calm	SW 3	7	5	50.8
5	58.03	56.62	23.2	29.2	96	76	Calm	SW 2	10	9	28.4
6	58.28	57.77	23.3	28.7	96	69	Calm	NW 2	9	10	.3
7	59.15	57.54	23.9	29.6	95	69	Calm	W 2	10	6	------
8	58.92	56.89	23.2	29.8	96	69	E 1	W 2	7	9	2
9	59.27	57.64	24.2	29	94	76	Calm	W 2	10	9	1.5
10	58.40	57.24	23.3	30.5	95	72	NE 1	W 1	10	9	------
11	58.66	56.92	23.7	30.6	95	67	Calm	W 3	7	8	------
12	58.65	56.97	24.2	31.5	93	63	NE 1	SW 3	8	6	3.6
13	58.58	57.24	23.9	29.3	94	78	NE 1	Calm	10	10	8.1
14	56.82	56.31	24.5	24	94	93	NE 1	SW 2	10	10	84.1
15	55.98	55.53	22.9	25.3	97	92	Calm	NW 2	10	10	14.3
16	57.24	57.44	22.8	26	97	89	Calm	W 1	10	10	27.9
17	59.20	57.80	23.1	30.1	97	68	N 1	WNW 1	10	10	.3
18	58.41	57.41	24.2	30.6	94	65	Calm	W 4	9	7	------
19	57.92	57.27	23.7	31.5	96	64	NE 1	W 4	4	6	------
20	58.90	57.59	24.1	31.4	94	65	NE 1	NW 3	9	7	------
21	58.86	57.21	23.7	31.1	94	66	Calm	WNW 3	7	6	9.4
22	58.28	56.59	23	30.2	92	70	W 1	NW 2	9	10	34
23	58.02	56.61	23.8	28.3	93	74	NW 3	NW 3	10	9	.3
24	57.55	57.09	23.9	28.8	96	79	E 1	N 2	10	10	10.7
25	58.71	57.02	22.7	30.6	95	66	NE 1	NW 2	9	8	.3
26	58.46	57.37	24.4	30.6	94	64	Calm	W 3	9	9	2.5
27	58.02	56.86	24.7	25.6	94	84	Calm	WSW 2	9	10	27.4
28	57.73	56.21	22.4	29.2	93	78	SW 1	WNW 3	10	8	16
29	58.08	56.58	23	30.3	96	65	SE 2	W 3	10	7	------
30	58.10	57.58	23.6	32.4	93	62	NE 1	N 2	9	8	------
31	58.91	57.61	23.6	31.3	93	64	Calm	W 3	6	7	8.1
Mean	58.34	57.08	23.6	29.6	94.6	71.4	0.6	2.3	8.8	8.2	------
Total	------	------	------	------	------	------	------	------	------	------	340.9

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	57.88	57.77	23.7	25.8	94	91	Calm	NE 1	10	10	2.3
2	58.14	57.23	22.8	31.2	97	69	Calm	W 3	9	7	1
3	59.08	57.69	23.1	29.8	95	71	Calm	NW 4	8	7	1.3
4	58.96	57.67	23.8	31	93	68	NE 1	WNW 4	7	4	------
5	58.90	57.39	23.7	32.7	94	58	Calm	SW 3	6	4	------
6	58.86	58.48	23.7	29.3	91	71	SW 1	NW 5	9	7	------
7	59.23	57.87	22.8	31.4	94	62	E 1	WNW 3	7	6	------
8	59.10	58.08	23.4	30.4	93	64	Calm	W 2	9	8	------
9	59.54	58.08	22.8	30.2	93	61	NE 1	WSW 3	2	8	.5
10	59.07	57.53	23.3	31	94	58	NE 1	WSW 2	8	6	4.3
11	58.48	56.42	23.1	31.1	92	66	ENE 1	WSW 4	7	4	.8
12	58.46	56.54	23.8	29.4	94	71	ENE 1	W 2	10	10	.5
13	57.63	56.76	24	28.1	95	76	Calm	WNW 2	10	9	4.1
14	57.33	56.14	22.9	30.4	96	67	Calm	W 3	10	7	.5
15	56.95	55.80	23.1	30.3	93	67	E 1	WNW 4	9	7	.3
16	56.85	56.58	23.6	31.7	95	59	NE 1	W 3	4	7	20.6
17	58.63	57.19	23.1	33.1	95	61	E 2	Calm	10	7	27.7
18	58.91	57.09	24.5	30.2	94	72	Calm	W 4	8	5	14.5
19	58.52	56.42	23.5	30.2	95	70	NE 1	WSW 4	6	6	.5
20	58.11	56.84	24.4	28.5	93	75	Calm	W 1	9	9	27.9
21	58.44	57.05	23.2	29.2	96	73	Calm	NW 3	8	7	7.1
22	58.58	57.48	23.3	29	95	74	Calm	W 3	9	8	------
23	58.77	57.54	23.7	27.9	95	76	Calm	WSW 3	9	9	------
24	58.91	57.63	23.3	30.5	94	66	Calm	W 2	9	9	15.2
25	59.61	58.60	23	31.1	96	62	Calm	W 2	9	4	------
26	59.88	58.24	23.6	29.4	92	70	NE 1	WSW 2	10	10	5.8
27	57.92	56.68	23.3	28.9	95	74	Calm	WNW 2	10	9	44.5
28	57.63	56.96	23.4	26.6	96	79	Calm	WSW 3	10	10	20.6
29	58.63	58.27	23.2	30.9	95	60	Calm	W 2	9	9	12.4
30	58.54	57.98	22.8	29.7	94	69	E 1	W 3	5	6	64.8
31	58.27	57.24	23.8	26.3	94	86	Calm	WSW 4	10	10	25.2
Mean	58.51	57.33	23.4	29.8	94.3	69.2	0.5	2.8	8.3	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	302.4

COTABATO.

[φ=7° 13′ N; λ=124° 15′ E; barometer above sea, 3 meters; gravity correction not applied, −1.91 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	56.48	55.61	24.9	27.7	90	76	W 2	W 3	10	10	33.5	59.21	57.84	24.2	30.7	94	69	Calm	W 4	9	5	------
2	55.61	55.15	24.3	29.1	95	71	WSW 2	SW 4	10	10	59.2	58.92	57.14	23.9	30.1	94	68	E 1	W 3	6	4	4.8
3	57.49	56.12	22.5	30.3	96	61	SSW 1	SSW 2	10	10	.1	59.26	57.48	23.8	29	94	72	E 1	E 2	7	8	------
4	58.76	56.64	22.5	33.2	92	57	E 1	NW 1	7	5	------	59.81	58.03	23.8	30.1	97	69	SW 1	NW 3	3	3	------
5	59.61	58.27	22.8	31.2	93	64	E 1	SW 3	2	1	------	59.01	56.81	22.5	32.3	92	57	ENE 1	SSW 3	4	3	6.9
6	59.44	57.32	23.3	30.7	94	69	E 1	SW 3	9	2	12.2	58.93	56.68	23.2	30.7	94	63	WNW 1	W 2	9	5	5.3
7	58.96	57.49	24.4	29.7	94	68	NE 1	WNW 2	9	9	1.3	59.26	57.28	22.5	32	93	59	E 1	SW 2	3	3	2
8	59	57.57	23.1	31.7	94	58	Calm	WNW 3	7	7	5.1	59.30	57.04	23.4	31.4	94	61	E 1	W 3	7	7	5.1
9	58.98	57.04	23.6	30.2	95	70	Calm	WSW 3	9	7	15	57.68	55.97	24.3	26.9	93	84	ESE 1	SW 2	7	8	67
10	58.48	56.52	23.8	29.9	94	71	Calm	W 3	10	9	------	57.78	55.67	24.2	29.4	96	76	W 1	W 2	10	9	10.9
11	57.95	57.15	23.9	29	95	71	E 1	WSW 3	9	9	5.3	56.86	54.87	24.4	29.9	95	77	NE 1	SW 3	9	9	28.2
12	59.06	57.32	23	31.4	95	66	Calm	NW 2	5	6	1.3	56.90	57.11	23.6	25.7	95	84	NE 1	SSW 3	10	10	22.9
13	59.48	57.73	23	30.8	94	68	NE 1	WSW 3	2	4	21.1	57.09	55.42	22.2	31.9	96	61	ENE 2	W 2	9	8	------
14	60.14	58.02	24.5	30.2	94	70	Calm	SW 4	9	4	21.3	57.56	55.89	23.7	32.8	94	60	ENE 1	SW 1	6	7	------
15	59.36	58.08	22.6	30.4	96	70	E 1	WSW 4	7	5	.3	58.67	58.11	22.4	27.8	94	79	NE 1	NW 2	6	8	3.6
16	59.36	57.43	23.2	31	96	67	Calm	W 4	9	2	------	59.80	59.63	23	25.7	94	87	SW 1	NE 1	7	9	1.5
17	59.44	58.44	23.6	29	94	70	E 1	W 3	8	9	------	60.50	59.06	22.7	31.3	96	63	NE 1	WNW 2	7	7	------
18	59.37	57.34	23.9	31.8	92	60	E 1	W 2	9	7	31.2	60.61	58.49	22.8	31.9	93	58	S 1	SW 2	8	3	------
19	59.65	57.33	23.7	30.7	95	69	E 1	WSW 4	9	6	.5	60.69	58.44	23.7	29.9	92	69	NE 1	SW 2	9	8	------
20	58.96	56.79	24.2	30.4	94	68	Calm	SW 3	10	9	14.7	60.39	58.49	23.6	31.4	94	60	N 1	SW 3	7	4	10.4
21	58.83	57.90	24.2	28.2	94	77	Calm	WSW 2	10	10	1	60.14	58.22	23.7	29.2	95	74	S 1	W 2	7	8	28.7
22	59.51	58.39	23	28.8	96	74	Calm	WSW 4	2	9	------	59.86	58.06	23.8	29.5	95	73	NE 1	W 2	9	7	56.4
23	60.50	58.22	24	30.9	93	64	Calm	SW 3	10	8	35.6	59.64	57.47	23.3	31.2	96	66	NE 1	SW 2	8	5	------
24	59.63	57.48	23.7	31.2	93	61	E 1	W 3	9	4	.8	59.25	57.84	23.7	29.6	96	69	S 1	NW 2	8	8	------
25	59.16	57.08	23.7	30.5	95	65	E 1	WSW 4	9	5	5.3	60.48	57.93	23.4	33.4	96	58	NW 1	NE 1	7	9	------
26	59.11	57.20	23.1	31	95	70	ESE 2	SW 3	7	4	------	59.21	56.66	23.3	32.2	95	64	NE 1	SSW 2	4	4	.8
27	59.69	56.91	23.7	34.9	94	52	SE 1	Calm	7	2	------	59	56.98	23.5	32.8	93	60	E 1	SW 2	3	3	1.3
28	59.12	57.23	24.4	30.7	91	70	N 1	W 3	9	6	2.8	59.42	57.48	23.2	35.1	94	51	E 1	NE 1	5	7	5.1
29	59.50	57.68	24.3	30.2	93	64	Calm	WNW 4	7	7	------	59.86	57.72	22.8	32.8	96	61	SE 1	NE 1	7	4	------
30	58.98	57.28	23.2	30.8	96	60	E 1	W 4	9	5	10.9	59.53	58.06	24.1	33.9	93	56	NE 1	N 2	9	6	.5
31	------	------	------	------	------	------	------	------	------	------	------	58.86	57.40	23.6	28.3	93	79	NE 1	S 2	7	9	78.8
Mean	58.99	57.29	23.6	30.5	94.1	66.7	0.7	3	8	6.4	------	59.14	57.40	23.4	30.6	94.4	67.3	1	2.1	7	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	278.5	------	------	------	------	------	------	------	------	------	------	340.2
	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	58.93	56.95	22.8	30.7	96	69	E 1	W 2	3	4	2.8	58.77	57.16	24.1	32.7	91	59	SE 1	W 2	8	5	------
2	59.16	57.25	23.2	28.6	96	75	E 1	W 1	8	8	2.8	58.89	57.30	24.8	35.1	93	46	E 1	SE 1	7	7	------
3	59.68	57.03	23.3	31.9	95	62	E 1	NW 2	9	6	------	59.59	58.53	23.8	33.1	86	58	SE 1	W 1	2	3	------
4	59.40	56.93	23.7	32.6	95	62	E 1	NW 2	2	7	.8	60.31	58.68	22	32.6	98	55	E 1	NW 2	2	2	------
5	59.48	57.12	23.8	32	96	66	E 1	SW 2	10	7	3	60.05	57.89	22.5	34.6	92	56	S 1	NE 1	6	7	21.8
6	59.53	56.84	24.5	33.7	94	59	E 1	SE 1	9	7	12.7	59.76	57.58	23	31.3	93	65	NE 1	NW 2	2	5	------
7	59.13	56.92	23.3	33.7	97	64	SE 1	SW 1	9	7	26.2	58.65	57.44	24	30.9	87	67	SE 1	NW 1	7	9	15
8	59.54	57.38	23.6	29.6	96	72	SE 1	NW 1	3	9	------	58.67	56.75	22.7	30	97	62	E 1	E 2	6	9	------
9	58.91	56.10	24.4	29.1	96	78	E 1	E 2	9	9	------	57.93	56.77	22.8	31.1	89	62	SE 2	NW 2	2	6	.8
10	59.13	56.67	22	31.6	96	60	SE 1	S 1	5	6	5.1	58.31	57.15	23.5	33.7	91	55	E 1	NW 1	3	7	20.1
11	58.91	56.67	23.2	33.3	97	56	E 1	NW 1	9	5	.3	59.08	56.82	22.7	32.9	91	56	SE 2	SE 3	3	3	------
12	59.43	57.74	23.9	32.1	94	61	NE 1	W 2	8	8	1.8	58.27	56.27	23.4	34.3	94	51	S 1	SE 2	2	4	------
13	59.29	57.29	21.8	33.3	95	49	E 1	NE 1	8	7	------	58.06	56.06	23.2	35	91	54	E 1	WSW 1	3	7	------
14	58.53	57.34	23.5	32	93	59	SW 1	SW 2	9	4	------	57.05	56.15	23.2	32.7	90	57	SE 2	SSE 2	3	7	7.9
15	59.23	57.34	22.8	32.8	93	52	SE 1	SW 2	9	3	------	57.41	56.11	22.8	32.2	95	63	E 1	NW 2	4	4	------
16	60.85	58.88	22.5	32.5	94	56	ESE 1	W 2	6	4	------	56.65	56.93	24.7	35	91	53	SE 1	SE 1	9	6	------
17	60.26	58.28	21.3	31.8	90	60	E 1	W 2	2	3	------	59.03	57.19	23.8	34.2	94	53	NE 1	S 1	7	4	------
18	61.39	58.74	22	32.1	89	59	SE 1	W 2	5	2	------	59.08	57.31	23.5	34.9	92	52	E 1	SSE 1	2	6	13
19	60.38	58.53	23	33.1	92	61	E 1	W 2	2	5	1.5	59.44	57.78	22.6	31.3	93	63	S 1	SE 3	9	8	------
20	60.41	58.68	23.3	32.5	95	56	SE 1	W 1	4	2	------	59.90	58.52	22.8	31.4	93	64	E 1	E 1	9	8	------
21	60.01	57.98	23.8	32.8	92	63	SE 1	NW 2	3	7	------	59.49	57.80	22.5	29.3	94	72	S 1	NW 2	10	9	------
22	59.32	56.89	22.4	31.6	94	63	ESE 1	W 2	3	5	6.9	58.41	56.42	24	31	96	66	E 1	W 3	4	7	10.9
23	60.01	58.49	22.6	30.8	95	70	E 1	NW 2	10	7	6.6	58.21	56.90	23.6	30.9	95	67	E 1	W 2	9	6	------
24	60.35	58.47	22.9	32.3	96	57	E 1	NE 1	6	4	------	58.96	57.27	22.8	29.8	95	67	E 1	W 2	7	7	.3
25	60	57.46	22.3	33.6	94	53	E 1	NW 1	7	2	------	58.87	57.97	24.2	29.6	95	66	S 1	W 3	9	6	------
26	58.38	56.70	21.9	30.4	92	63	NE 1	W 2	2	7	------	59.46	58.46	23.3	27.2	96	87	SW 1	N 1	8	9	8.1
27	57.86	56.52	22.4	32.6	94	58	NE 1	SW 2	4	4	------	58.86	57.04	23.7	30.9	97	65	SE 1	W 3	9	5	------
28	58.52	56.42	23.2	33.1	92	57	NE 1	SW 2	3	6	------	58.88	56.54	24	30.5	93	68	NE 1	NW 3	6	5	------
29	58.81	56.66	23.8	33.8	93	58	E 1	SW 1	5	2	------	59.75	57.64	24.2	32.5	94	62	SE 1	SSE 2	8	8	1
30	58.87	57.41	23	32.2	90	61	NE 1	W 3	6	4	------	61.14	60.16	23.4	33.3	95	54	E 1	SE 1	8	6	------
31	------	------	------	------	------	------	------	------	------	------	------	61.31	59.56	22.3	33	95	48	SE 1	SE 2	5	5	------
Mean	59.46	57.39	23	32.1	94	61.3	1	1.7	5.9	5.4	------	58.98	57.42	23.4	32.2	93.1	60.4	1.1	1.8	5.8	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	70.5	------	------	------	------	------	------	------	------	------	------	98.9

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, −1.89 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.49	57.33	21.1	27.5	87	84	S 2	N 1	9	10	3.3
2	57.89	55.75	23	30.4	94	63	S 1	N 2	9	3	------
3	57.79	56.88	20	29.4	86	63	S 2	N 2	2	7	------
4	58.38	57.49	23.1	28.7	91	76	SSW 1	N 2	8	9	2
5	57.90	56.51	21.4	30.5	95	63	S 2	N 3	3	3	------
6	57.96	56.15	20.3	29.2	83	68	S 2	N 2	3	8	------
7	57.52	56.53	23.6	28.2	93	77	S 1	N 2	9	8	------
8	57.93	57.14	22.6	30	93	65	S 1	N 3	5	6	------
9	58.06	56.79	23.1	29.5	95	72	S 1	N 3	3	3	------
10	57.88	57.07	23	28.6	92	70	S 1	N 1	8	8	------
11	58.57	57.44	20.7	29.6	94	58	S 2	N 1	3	3	------
12	59.15	57.31	19	29.1	86	57	S 1	N 1	3	3	------
13	59.93	58.16	20.6	29.8	90	64	S 1	N 2	2	3	------
14	59.68	58.73	20.1	30	89	59	S 2	N 2	3	2	------
15	60.54	59.64	17.8	28.5	80	63	SSW 2	N 2	3	3	------
16	61.75	59.78	20.3	28	88	67	S 1	N 2	5	3	------
17	61.13	59.35	19.5	28.7	86	69	S 1	N 2	3	6	------
18	60.89	59.15	22	29.1	91	66	S 1	N 2	8	8	------
19	60.66	59.25	20.5	29	91	68	S 1	NW 2	3	6	------
20	61.58	59.57	19.5	29.5	86	63	SSE 2	NNW 2	3	5	------
21	60.87	59.59	19.5	29	86	65	S 2	N 2	3	6	------
22	60.86	59.58	23	30.2	87	64	S 1	NW 2	9	3	------
23	61.30	59.28	20.4	29.6	87	67	S 2	N 2	2	3	------
24	60.97	59.25	19.1	29.5	80	67	SSW 2	NW 2	2	3	------
25	61.38	60.11	22	27	82	79	S 1	NNW 3	10	10	4.8
26	61.90	59.63	20.5	29.6	95	64	S 1	NW 2	3	2	------
27	61.31	59.74	21.5	27	87	73	S 2	NW 3	1	6	2.8
28	60.96	60.06	23.5	27.2	96	80	Calm	NNW 2	10	10	.8
29	61.14	60.03	22.7	27.3	97	76	Calm	N 2	2	8	------
30	61.58	59.90	21.5	28.7	87	69	S 1	N 2	6	5	------
31	61.64	59.78	22	28.2	94	77	S 1	N 2	2	2	------
Mean	59.92	58.48	21.2	28.9	89.3	68.3	1.3	2	4.7	5.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.7

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.18	59.64	22	28.5	91	74	Calm	N 2	8	9	------
2	60.65	59.40	23.6	26.1	94	86	S 1	Calm	9	10	2.3
3	59.45	57.78	22	28.7	96	73	S 1	N 1	9	7	------
4	59.30	57.55	21.5	28.3	91	72	S 1	N 1	6	5	------
5	59.60	58.36	22	28.3	92	76	Calm	N 2	4	7	------
6	59.83	58.79	21	29.4	94	68	Calm	N 2	2	8	------
7	60.15	58.25	23	29.2	87	74	Calm	N 1	9	6	------
8	59.71	57.81	19	29.6	86	55	S 1	N 2	2	3	------
9	60.18	58.94	20.1	29.5	80	62	S 1	N 2	2	4	------
10	60	59.43	20.7	29.1	89	64	S 1	N 3	1	7	------
11	60.56	59.67	21.8	29	84	64	S 2	NNW 2	8	5	------
12	61.01	58.96	20.4	29.6	91	58	SSE 1	N 2	3	4	------
13	60.40	58.79	19.9	30	87	89	S 1	N 3	2	3	7.6
14	62.73	61.69	22	25.3	94	89	SSE 1	N 2	10	9	3.3
15	61.66	60.46	21	29.3	87	68	SSW 1	N 2	7	6	------
16	62.83	60.83	20.5	29.1	87	60	Calm	N 2	5	2	------
17	60.82	59.01	19.1	29.3	80	59	S 2	N 1	4	5	------
18	59.69	57.84	19.8	30.1	87	55	S 1	N 2	4	6	------
19	58.63	57.91	23	27.9	87	78	S 1	N 1	10	10	12.5
20	57.82	55.94	23	30.1	96	72	Calm	N 2	8	8	------
21	58.20	56.64	21.5	29.6	95	71	Calm	NW 3	4	7	------
22	57.75	56.54	21.6	30	91	67	Calm	NNW 3	6	5	------
23	57.85	56.69	20.1	29.6	82	63	SSE 2	NNW 2	6	5	1.5
24	57.62	56.82	21.5	29.6	93	71	Calm	N 2	6	6	------
25	58.78	57.90	22.1	30.4	95	63	Calm	N 1	4	6	------
26	58.44	57.64	22	30.1	92	64	Calm	N 1	7	7	------
27	58.77	57.39	20.7	29.5	84	64	S 1	N 2	8	7	------
28	57.54	56.77	21	30.8	92	57	S 1	N 2	5	6	------
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.68	58.34	21.3	29.1	89.4	68.4	0.7	1.8	5.7	6.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	27.2

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.08	56.82	22	31.2	91	60	S 1	NNW 2	6	8	------
2	59.49	57.23	21.5	30.9	92	60	S 1	NNW 2	6	8	------
3	58.28	57.58	20.5	29.4	87	62	Calm	NNW 2	5	7	------
4	58.49	56.38	21.1	30.7	95	56	S 1	NNW 2	5	7	------
5	58.36	56.84	18.2	30.6	95	51	S 2	N 2	4	7	------
6	58.13	57.13	19.9	29.1	83	67	Calm	N 2	6	7	------
7	58.37	57.32	23.5	26.1	92	84	Calm	N 2	8	10	------
8	57.43	56.41	22.8	27.6	94	79	Calm	N 2	7	9	------
9	57.22	55.56	21.5	29.5	92	71	S 1	N 2	7	6	------
10	57.20	55.56	22	29.5	83	71	Calm	N 2	4	6	------
11	58.33	57.08	21.2	29	90	71	Calm	N 2	4	9	------
12	59.27	56.98	23	30.2	91	66	Calm	NNW 2	6	8	------
13	58.51	56.82	22.9	29.4	90	73	Calm	NNW 3	7	8	------
14	58.70	57.28	24.2	30.7	90	69	Calm	NNW 2	7	8	------
15	58.88	57.38	23.6	29.6	90	73	Calm	N 1	6	9	------
16	57.97	56.52	22	30.4	88	66	S 2	NNW 2	6	8	------
17	58.29	57.36	21.2	29.7	91	61	Calm	N 2	7	8	------
18	57.94	57.32	22.6	30.9	87	63	S 2	NNE 2	8	9	------
19	57.30	56.54	22.2	30.2	87	66	S 1	N 2	6	8	------
20	57.89	57.37	23.5	30.2	90	66	S 1	N 2	9	9	2
21	58.24	56.94	19.5	30.2	81	61	S 2	NNW 3	8	8	------
22	57.82	57.32	22.1	30	89	67	Calm	N 3	7	6	------
23	57.28	55.87	22.5	32	85	58	S 1	N 2	7	5	------
24	58.13	57.69	20.5	31.7	88	52	S 1	N 2	4	7	------
25	59.52	58.42	21	31.1	81	60	S 2	NNW 3	8	6	------
26	58.49	57.90	21.5	31.4	88	57	S 1	N 2	7	6	------
27	59.59	57.69	18.5	30.2	86	56	S 2	N 2	5	7	------
28	59.65	58.34	20.1	30.8	82	64	S 1	NNW 2	4	6	------
29	59.35	57.84	21.2	31.4	84	56	S 2	NNW 3	3	5	------
30	58.94	58	22	31.6	91	51	S 1	N 3	6	7	------
31	59.03	57.88	21.6	31.4	81	57	S 2	N 2	6	5	------
Mean	58.42	57.14	21.6	30.2	88.2	63.7	0.9	2.2	6.1	7.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.55	57.29	25.3	30	87	65	Calm	N 2	7	5	------
2	58.65	56.43	21	31.6	89	57	S 1	N 2	4	6	------
3	57.91	57	23.3	30.3	90	64	S 1	N 2	5	7	------
4	58.36	57.69	23	29.6	89	65	Calm	NW 1	8	8	------
5	59.13	57.79	23.5	30.6	85	63	S 1	NW 2	9	7	------
6	59.31	57.05	23.4	28.3	84	67	Calm	N 2	10	10	------
7	58.02	56.87	22.2	30.7	93	64	Calm	N 2	4	7	------
8	57.85	57.58	24	30.5	91	62	Calm	NNW 2	3	6	------
9	58.49	57.87	21.5	30.9	82	62	S 2	N 2	3	6	------
10	58.38	57.65	23.4	29.8	81	63	S 2	NNW 3	9	7	3.6
11	58.42	57.07	24	29.2	97	72	Calm	Calm	10	10	------
12	58.35	57.02	24.3	31.6	93	69	Calm	N 2	3	9	------
13	59.01	57.90	24.3	29.5	89	77	Calm	N 3	7	9	.5
14	59.28	58.23	22.7	29.9	94	74	S 1	N 2	3	9	2
15	58.91	57.62	24	29.6	83	72	S 1	N 1	3	8	21.6
16	58.23	56.84	22.2	30.5	96	68	Calm	N 1	2	6	7.1
17	58.78	57.09	23	30	97	75	Calm	N 1	3	7	.5
18	59.12	58	23.1	30.5	96	68	Calm	N 1	5	7	------
19	58.75	57.54	22	32.5	92	41	Calm	N 2	3	6	------
20	58.93	57.48	22.6	30.6	90	68	Calm	N 2	4	7	------
21	58.95	56.73	23.7	33.5	91	55	S 1	N 2	5	6	------
22	58.91	57.02	23.1	31.5	90	38	Calm	N 2	5	6	------
23	57.79	56.10	22.5	31	90	65	Calm	N 2	4	7	.5
24	56.60	54.91	24	31.8	96	34	Calm	N 1	6	7	------
25	56.98	55.44	22	30.7	83	59	S 1	Calm	5	10	------
26	57.05	55.84	24	30	89	68	Calm	N 1	10	10	2.8
27	56.47	55.87	22.9	31.3	98	68	Calm	NNW 3	3	5	------
28	56.54	55.19	23	31.5	87	62	S 1	N 2	3	6	------
29	56.96	55.93	23.4	31.1	87	68	S 1	N 2	3	8	------
30	56.70	54.99	24.3	32	93	64	Calm	NNW 2	8	6	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.18	56.87	23.2	30.6	90.1	63.2	0.4	1.7	5.2	7.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	38.6

CAGAYAN, MISAMIS.

[$\phi = 8°\ 29'$ N; $\lambda = 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, −1.89 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6. a m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.06	55.59	23.7	31.3	87	64	Calm	NW 3	8	6	------	56.88	55.29	23	32.5	91	63	S 1	N 2	7	6	------
2	56.63	55.49	23.7	31	85	64	Calm	NNW 2	8	6	------	56.90	55.67	24	31.4	91	49	S 1	N 2	5	7	1
3	57.56	56.34	23.9	32.7	83	45	Calm	N 3	4	5	16.8	57.37	55.47	23.7	29.2	91	68	Calm	N 1	10	7	2.8
4	57.20	55.85	24	32.2	96	57	Calm	S 1	9	10	23.4	57.23	55.55	22.7	31.1	94	64	Calm	N 1	3	6	.8
5	55.82	54.42	23.8	30.2	95	69	Calm	N 1	10	9	------	56.26	54.74	24.1	31.8	94	66	Calm	NNW 2	8	7	3
6	55.71	56.01	23.7	25.5	90	93	S 1	Calm	10	10	4.8	56.81	55.48	23.5	30.1	94	68	S 1	N 2	6	7	37.3
7	57.73	57.13	22.3	28.3	93	80	S 1	Calm	3	10	------	57.13	55.58	23.1	30.6	96	71	Calm	N 2	4	7	15.2
8	58.12	56.44	23.3	32	90	60	S 1	N 2	7	8	------	57.61	56.13	22.4	30.1	95	67	Calm	NNW 3	5	6	------
9	57.53	56.33	23.3	32.3	90	38	Calm	NE 2	2	8	------	58.43	56.80	23	30.2	91	69	Calm	N 1	8	6	------
10	58.31	57.18	24	31.6	91	63	Calm	NW 2	8	7	------	58.25	57.49	23.9	31.1	97	67	Calm	N 1	7	5	------
11	59.26	57.49	24.4	30.3	91	72	S 1	NW 2	4	8	------	59.04	57.76	23.1	28.4	89	77	Calm	Calm	3	8	------
12	59.93	57.62	24	32.1	89	69	S 1	N 2	2	6	------	58.62	57.47	23.5	29.9	91	70	S 2	N 1	8	8	------
13	59.21	56.74	24.5	32.2	92	65	Calm	N 2	2	6	17.3	58.48	57.53	23.5	28.7	90	76	Calm	N 1	7	9	15.7
14	58.53	56.20	24.4	31	99	69	Calm	N 2	3	4	36.3	58.88	57.27	23	29.7	92	69	Calm	N 1	3	9	------
15	58.62	57.32	23.1	31.7	90	63	Calm	N 2	2	6	.3	58.76	57.20	23.9	29.1	91	76	S 1	NNE 2	8	9	1.5
16	59.55	57.87	22.3	29.2	86	76	Calm	N 2	3	8	------	58.42	57.71	23.5	28.4	94	76	S 1	Calm	7	10	11.7
17	60.10	58.29	23.3	31.7	90	68	SSE 1	NNW 2	2	6	------	58.98	57.79	23	30.1	97	68	Calm	N 1	6	6	4.3
18	59.22	58.14	23.1	31.4	88	62	Calm	NNE 3	7	5	------	59.93	58.53	22.3	29.2	93	68	S 1	N 2	5	8	------
19	58.92	57.79	-----	31.7	-----	62	Calm	N 3	6	8	6.6	60.16	58.77	22	31.6	91	63	S 1	N 1	3	6	------
20	59.05	57.38	22	31	93	66	Calm	N 2	4	6	------	59.99	58.03	23.5	31	93	69	S 1	N 2	3	6	7.1
21	58.12	55.88	23.4	32.3	89	59	S 1	N 2	3	6	------	59.50	58.39	24	29.2	95	76	S 1	N 2	7	8	------
22	57.68	56.33	24	30.2	90	71	Calm	N 2	4	8	------	59.42	57.94	23.4	31.4	90	66	Calm	N 3	3	9	------
23	57.36	55.20	24	31.5	88	64	S 1	N 2	3	6	1.8	60.20	58.30	22.5	31.1	91	70	S 1	N 2	2	3	.8
24	57.21	55.11	23.5	28.2	93	77	S 1	N 2	7	8	32	59.79	58.41	22.8	26.2	90	82	S 2	Calm	8	9	7.4
25	58.63	58.05	23.4	28	96	74	Calm	N 1	8	9	------	59.55	58.48	21.7	30	91	68	S 1	N 1	8	9	6.6
26	58.82	58.30	23.7	29.4	91	75	Calm	N 2	3	10	2.8	59	57.58	21.7	30.5	95	63	Calm	N 2	3	8	------
27	59.43	57.32	22.5	31	91	66	S 2	N 2	3	2	------	58.77	57.32	23.3	30.6	92	68	Calm	N 2	6	7	14.5
28	58.16	56.40	23.8	31.2	91	64	Calm	N 2	3	6	------	59.57	58.34	23.1	29.5	95	68	S 1	N 2	6	9	2.5
29	57.93	56.33	23.1	30.5	90	68	Calm	N 2	7	5	------	60.31	58.50	22.4	31.5	98	61	S 1	N 2	7	6	------
30	58.06	57.24	23.1	27	90	68	S 1	Calm	2	10	------	59.02	56.37	22.5	31.5	89	63	S 1	N 2	4	7	------
31	58.19	56.18	23.7	30.6	91	67	Calm	N 2	7	8	.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.15	56.71	23.5	30.6	90.6	66.4	0.4	1.8	5	7.1	------	58.64	57.20	23.1	30.2	92.7	68.3	0.6	1.5	5.7	7.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	142.4	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	132.2

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.42	56.99	22.8	31.5	91	68	S 1	N 2	5	7	3	57.33	56.43	23.2	31.5	85	57	S 1	NE 2	8	7	11.9
2	59.24	57.67	21.7	30.8	94	67	Calm	N 2	3	6	29.2	57.33	56.42	22.9	31.8	91	56	S 1	N 2	6	7	------
3	58.63	57.59	22.1	29.9	95	65	Calm	N 1	8	8	1.5	58.48	57.10	22.9	30.9	90	63	S 1	N 3	8	8	------
4	57.72	56.53	22.5	31	94	69	Calm	NNW 2	7	8	------	58.39	56.97	22.8	31	89	64	Calm	N 2	3	6	------
5	57.41	56.32	22.5	30.8	92	69	Calm	NNW 2	8	9	10.4	58.17	56.22	23	32.2	90	58	Calm	N 1	5	6	------
6	57.49	57.46	22.7	26	95	89	S 1	S 2	8	10	8.6	57.81	58.21	23.6	26.6	90	88	Calm	SSW 2	8	10	16.5
7	58.44	56.94	21.8	30.7	93	65	Calm	N 2	3	6	------	58.40	57.02	22.4	31.3	88	71	S 1	N 2	8	9	4.6
8	58.59	55.72	22.8	31.2	93	65	Calm	N 2	7	6	3.3	58.72	57.47	22.4	28.8	94	79	S 1	Calm	5	10	1.5
9	58.67	57.49	23.2	27.1	91	80	Calm	S 2	8	8	.8	58.97	58.31	22	26.2	89	91	S 1	Calm	8	10	44.7
10	58.24	57.70	22.1	27.8	93	84	S 1	Calm	6	10	24.4	58.93	57.52	22.5	30.5	89	56	S 1	N 2	6	7	------
11	58.35	56.84	22	31	92	64	S 1	N 2	8	7	------	58.43	56.38	23.3	29.6	89	64	S 1	N 1	5	8	------
12	58.39	57.12	22.6	31.3	89	64	Calm	N 2	6	5	------	57.55	56.09	21.6	30	87	62	Calm	N 2	3	8	1
13	58.66	57.03	23.1	30.5	90	66	S 1	Calm	8	8	8.6	56.99	55.73	23.3	31.1	83	57	S 1	NNE 2	10	3	.8
14	56.41	55.58	24.4	25.6	95	93	Calm	Calm	10	10	14.8	57.20	56.08	22	30.1	91	62	S 1	NNE 2	6	8	------
15	54.91	54.01	23	27.4	96	74	Calm	Calm	10	10	7.4	56.33	54.87	22.6	29.2	88	72	Calm	Calm	9	9	1
16	56.24	55.68	23.2	29	94	73	Calm	Calm	10	10	.8	56.39	55.97	23.9	29.6	88	71	S 1	N 2	8	9	22.1
17	57.77	56.84	24.3	32.6	81	52	S 1	S 2	9	8	------	58.37	57.39	23.5	29.5	91	73	Calm	NNW 2	7	9	29.5
18	57.86	56.49	23.1	31.2	89	71	S 1	NNE 2	7	8	------	58.87	56.99	21.8	30.1	97	66	Calm	NNE 2	7	6	50.3
19	57.45	56.22	22.1	33.1	87	58	Calm	N 2	3	7	------	58.28	55.79	22.7	29.1	97	71	Calm	NW 2	7	6	24.4
20	58.05	56.76	24.1	31.4	86	63	Calm	NNE 2	8	7	------	57.51	55.94	23	27.5	96	81	Calm	N 2	7	10	.5
21	58.08	56.74	22.1	30.3	87	66	S 1	N 2	6	8	------	57.74	56.19	22.8	29.4	93	73	Calm	Calm	7	8	------
22	57.42	55.73	22.8	31.1	91	66	Calm	NE 2	9	7	41.1	57.99	56.27	23.5	31.1	93	66	S 1	N 2	6	7	24.4
23	57.42	55.27	23.1	31.6	96	54	Calm	SW 2	10	9	1.8	57.82	56.31	22.6	25.9	96	88	Calm	Calm	5	10	15.3
24	56.42	55.87	23.1	32.1	86	46	S 1	SW 2	8	8	3.3	58.43	56.75	22.1	29.5	96	71	S 1	N 2	7	8	31.5
25	57.83	56.32	22.5	30.6	89	65	Calm	N 2	10	7	------	57.37	58.60	22.1	29.5	96	66	Calm	N 1	5	8	------
26	57.90	56.89	23.3	29.7	89	69	Calm	Calm	8	9	------	59.57	57.62	23.7	31.4	87	55	S 1	N 2	7	6	------
27	57.42	56.04	23.5	33.2	91	52	Calm	Calm	10	10	5.1	57.29	56.02	23.5	30	85	64	Calm	Calm	7	10	6.4
28	57.15	55.91	22.7	28.5	95	78	Calm	W 4	10	10	10.9	57.30	56.02	22.1	30.6	96	62	Calm	Calm	10	9	17.3
29	56.64	55.25	22.7	31.8	91	50	Calm	SSW 3	10	7	------	58.14	58.09	22.9	29	97	68	Calm	N 2	7	8	7.6
30	57.22	56.57	23.5	32.9	85	45	Calm	S 2	8	7	------	58.78	57.95	22	29.2	94	62	S 1	N 2	7	8	4.6
31	58.07	56.46	22.6	33	86	54	Calm	N 2	3	7	------	58.27	56.91	22.6	28	93	74	Calm	Calm	8	10	2
Mean	57.69	56.45	22.8	30.5	90.8	65.9	0.3	1.6	7.5	8	------	57.97	56.76	22.8	29.7	91.2	68.1	0.5	1.4	6.8	8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	175	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	317.9

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.08	55.25	23.3	26.5	93	76	Calm	Calm	10	10	6.9
2	55.29	55.03	23	26.2	96	86	WNW 1	Calm	10	10	5.6
3	55.68	54.78	23.5	30	91	56	Calm	SSW 2	10	8	------
4	57.03	55.47	23	33.4	90	46	Calm	SSW 2	7	6	------
5	58.65	57.07	22	31.5	87	57	S 1	N 2	5	7	------
6	59.08	57.17	22.3	30.9	86	60	S 1	N 2	5	5	------
7	58.93	57.17	23	29	87	78	Calm	NNE 1	7	8	1.8
8	58.60	57.37	22	31.6	89	59	Calm	N 2	7	6	------
9	58.59	56.43	23.2	31	90	58	Calm	N 1	7	5	------
10	57.81	56	24	30.9	92	60	Calm	N 1	8	7	------
11	57.41	56.09	23.1	31	89	61	S 2	N 2	6	9	4.8
12	58.94	57.62	22.5	31.6	88	59	SSE 1	N 1	7	6	------
13	59.23	57.72	22.4	31	86	69	S 1	N 2	4	7	------
14	59.90	58.10	23.5	28.1	87	73	Calm	NNW 2	8	7	.8
15	58.79	57.64	21.8	29.3	92	70	Calm	NW 2	6	7	.3
16	59.07	56.85	22	31.2	91	61	S 1	N 2	6	7	1.3
17	59.15	58.18	24	29	90	71	Calm	Calm	9	8	------
18	59.32	57.92	22.6	29.6	90	71	Calm	NNW 2	7	6	------
19	59.62	57.62	23	28.6	90	70	Calm	Calm	8	7	2
20	58.86	56.85	22.8	30.3	89	67	Calm	N 1	10	10	1.3
21	58.39	56.96	23.1	28.3	95	74	Calm	N 1	10	6	9.1
22	58.84	57.85	22	29.3	96	70	Calm	Calm	8	10	25.4
23	60.06	58.40	23.2	29.8	86	67	Calm	Calm	9	8	32.8
24	59.79	57.44	22.7	29.4	97	65	Calm	N 1	6	8	3.3
25	58.83	57.18	22	29.1	92	75	Calm	N 2	5	8	9.6
26	58.69	57.24	21.8	30	96	71	Calm	NW 2	3	3	------
27	59.39	57.83	22.5	28.8	91	72	Calm	Calm	4	8	------
28	58.94	56.87	22.2	29.8	90	69	S 1	NNW 2	2	3	------
29	59.03	57.19	22.4	28.2	89	80	S 1	N 2	2	2	5.4
30	58.55	57.08	21.9	30.2	93	70	S 1	N 2	5	6	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.55	57.01	22.7	29.8	90.6	67.4	0.4	1.3	6.7	6.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	110.5

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.66	57.37	22.6	30.5	90	66	Calm	N 2	7	6	------
2	58.68	56.62	22	30.6	91	68	Calm	N 2	5	4	------
3	58.53	56.70	22.2	31.3	94	61	Calm	N 2	5	7	50.8
4	59.38	58.60	23.1	23.4	96	90	Calm	Calm	9	10	22.4
5	59.18	56.99	21.3	29.2	89	68	Calm	N 2	5	6	10.2
6	58.78	56.43	22.7	28.7	94	76	Calm	NNE 3	6	10	6.4
7	59.13	57.24	21.2	29.6	94	70	Calm	N 2	5	7	------
8	58.89	56.88	22	29.6	91	68	S 1	N 2	4	5	30.2
9	57.62	55.23	22.5	29.6	96	71	Calm	N 2	4	9	2.5
10	57.32	55.09	23.1	25.7	91	94	Calm	Calm	8	10	81.6
11	56.19	54.21	22.7	27.5	96	84	Calm	Calm	9	10	6.6
12	56.31	55.43	23.5	26.1	96	86	Calm	Calm	9	10	2.8
13	55.60	54.43	22	30.3	92	56	S 1	Calm	7	8	------
14	56.28	54.52	23	32.5	87	45	Calm	SW 3	6	7	------
15	57.32	57.32	23.3	31.1	81	62	S 1	N 2	8	8	4.6
16	59.08	59.09	22.1	27.3	87	75	S 1	SW 2	8	9	------
17	59.95	58.17	21.5	29.4	96	66	S 1	N 1	5	7	3.6
18	60.29	58.53	22	30.2	91	60	S 1	N 2	9	6	------
19	60.36	58.84	22.5	29.2	87	67	S 1	N 2	7	8	------
20	60.17	58.78	22.8	29	89	72	S 1	N 2	10	6	4.3
21	59.87	58.27	23.5	26.5	96	90	Calm	Calm	10	10	8.6
22	59.68	58.14	22.8	25.7	94	90	Calm	Calm	9	10	3.3
23	59.10	57.48	22.5	30.2	94	64	Calm	N 2	7	6	------
24	59.03	57.83	22.4	28.9	88	75	S 1	N 2	9	7	50.8
25	60.36	58.97	22.5	28.1	96	77	S 1	N 1	9	9	.3
26	59.51	56.94	23.1	29	95	66	S 1	N 2	9	8	.5
27	59.22	57.49	23.4	29.5	92	70	S 1	NNW 2	7	6	3.3
28	59.78	58.01	22.5	29.1	93	71	S 1	N 2	7	6	------
29	59.83	58.05	22.1	29.5	91	69	S 1	N 2	5	6	------
30	59.67	57.34	22.5	29.5	88	68	Calm	N 1	7	6	------
31	58.56	57.68	23	27.1	89	85	S 1	NNW 3	7	10	1.8
Mean	58.78	57.18	22.5	28.8	91.7	71.9	0.5	1.5	7.2	7.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	294.6

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.90	57.43	22.1	28.9	96	76	Calm	N 2	6	7	------
2	59.20	57.44	22	29.4	92	76	S 1	NNW 3	7	8	------
3	59.44	57.36	21.5	29.5	93	68	S 1	N 2	3	7	------
4	59.28	57.40	22.5	28.3	93	79	S 1	Calm	4	9	------
5	59.68	57.90	22	28.9	93	75	S 1	NW 2	6	9	------
6	59.44	57.38	22.3	28.2	93	82	S 2	NW 1	6	8	------
7	58.93	57.46	22.8	29.4	93	75	S 1	N 1	7	8	------
8	59.29	58.14	22	27.6	91	84	S 1	Calm	7	10	------
9	59.93	57.80	22.5	26	96	86	Calm	N 1	10	10	------
10	58.66	57.21	21.2	29	94	74	Calm	N 2	5	6	------
11	58.58	57.43	22.1	29.2	95	68	S 1	N 2	7	6	------
12	59.55	58.45	21.3	28.9	92	68	S 1	N 2	5	8	------
13	59.74	58.24	20.1	20.7	80	67	S 1	NW 2	5	6	------
14	59.10	58.64	22.5	28.5	91	57	S 1	N 2	7	6	------
15	59.85	59.31	21.5	28.5	80	62	S 2	N 1	4	6	------
16	61.16	59.29	19.7	28.7	89	71	S 1	N 3	2	2	------
17	60.56	58.71	20.8	29.4	89	66	Calm	N 2	3	6	------
18	61.20	59.34	23	29.5	90	69	S 1	N 2	8	3	------
19	60.53	59.14	21.5	29.1	91	74	S 1	NNE 3	2	6	------
20	60.72	59.34	21.6	29.2	90	73	S 1	NNE 3	8	6	------
21	60.42	58.20	21.6	29	90	72	S 2	NNE 3	8	7	------
22	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
23	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
24	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
25	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
26	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
27	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
28	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.72	58.17	21.7	28.4	91	72.5	1	1.9	5.7	6.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------

This station was temporarily closed from November 22, 1913 to March 27, 1914.

BUTUAN.

[$\phi=8°\ 56'$ N; $\lambda=125°\ 32'$ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6. a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.85	58.25	23.7	25.1	97	92	SSE 2	S 3	9	10	8.9
2	59.22	56.69	22.6	28.1	97	74	SE 2	SW 1	2	3	1.5
3	58.86	57.30	21.4	28.4	93	78	Calm	SSE 3	8	7	3.8
4	59.53	58.63	24.2	26.5	95	91	S 3	NW 1	10	10	18.6
5	59.33	57.42	22.2	28.9	95	69	S 3	E 2	2	3	1.3
6	58.95	56.98	22	27.2	96	76	E 1	N 1	6	9	2.8
7	58.44	57.50	23.6	27	95	85	E 1	S 4	10	10	2
8	59.25	57.78	23	28.5	96	78	ESE 1	N 1	9	9	31
9	58.80	57.40	23	28	97	81	Calm	SE 2	7	8	.5
10	58.59	57.64	24.3	27.1	96	84	NNE 1	WNW 1	10	8	4.8
11	59.85	58.40	21.5	27.8	95	68	SE 1	N 2	6	4	------
12	60.53	58.40	20.7	27.1	98	69	SE 1	NNW 2	4	3	------
13	61.06	59.21	21.5	27.1	95	87	SE 1	S 2	8	2	2.6
14	60.93	59.63	23	29	92	71	SSE 3	S 4	6	1	------
15	61.80	60.22	20.6	28	91	70	S 3	S 3	6	7	------
16	63.03	60.42	22	26.9	93	74	S 2	NE 2	10	8	------
17	61.89	59.66	21.6	27.7	96	66	E 1	NNW 3	10	2	------
18	61.78	59.74	22.5	27.5	96	72	ENE 1	N 2	10	9	------
19	61.66	59.93	22.6	27.6	95	72	SE 3	S 2	7	7	------
20	62.53	60.42	21.5	27.3	95	77	NE 1	S 3	4	9	------
21	61.88	60.38	20.1	27	95	80	ENE 1	S 3	2	9	19.8
22	62.26	60.41	21.6	28.6	95	66	SSW 1	NW 2	3	3	------
23	62.64	60.43	21.2	28	99	70	Calm	WNW 3	10	3	------
24	61.88	59.88	21.8	27.6	96	66	SW 2	NW 2	6	6	------
25	62.18	60.95	21	25.5	96	88	ENE 1	SSE 2	7	9	2.3
26	62.99	60.92	20.6	27	95	70	E 1	WSW 1	2	6	.3
27	62.84	61.40	22.5	25.5	95	84	ENE 2	NE 1	7	10	19.1
28	62.16	60.58	23	26	94	84	E 1	S 2	6	10	1.5
29	61.93	60.48	21	26.3	95	78	Calm	NNW 3	3	7	.3
30	62.35	61.62	23.3	24.7	94	92	NNE 1	NNW 1	10	10	3.5
31	62.86	60.90	21.5	26.6	95	77	Calm	NNE 3	3	9	5.6
Mean	61.03	59.34	22.1	27.2	95.2	77.1	1.3	2.2	6.5	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	130.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	62.30	61.05	22.5	25.1	96	93	SE 1	NW 2	10	10	24.6
2	61.72	60.28	25	25	80	92	Calm	NNW 2	9	10	7.4
3	60.11	58.48	23	29.5	93	70	S 4	S 4	7	5	2.3
4	60.60	58.55	22.1	26.6	99	88	SE 1	S 4	6	10	11
5	60.48	59.09	22.7	27.6	97	78	SE 1	Calm	8	8	20.8
6	60.78	59.37	21.5	26.5	95	86	SE 2	N 2	7	8	15
7	61.25	59.37	22.8	28	93	72	S 4	NW 4	6	5	.3
8	60.88	58.69	21.4	28.5	92	60	S 3	ESE 4	8	4	------
9	61.29	60.17	20.5	26.4	95	84	Calm	SSW 2	1	6	3.6
10	61.08	60.36	22.1	26.8	90	78	ESE 1	NNW 1	2	9	4.1
11	61.89	60.09	20	27.6	96	60	SE 1	NNW 3	4	4	------
12	62.50	60.31	21	28	95	74	E 2	S 5	2	5	------
13	61.96	59.78	22	28.5	91	64	SE 4	S 2	2	3	50
14	62.80	62.37	22.8	25.5	97	87	SE 2	S 2	10	10	5.1
15	63.03	61.51	22	27.6	95	70	S 1	NNW 2	8	7	------
16	63.93	61.80	20.1	26.5	95	70	Calm	WNW 3	8	6	------
17	62.19	60.43	20.6	27.6	96	68	W 1	WNW 2	4	7	------
18	61.18	58.88	20.5	28.8	95	62	SSE 1	WNW 1	5	7	4.8
19	60.15	58.60	22.7	26.4	96	85	S 2	NNW 2	10	8	25.4
20	59.59	57.20	23.2	27.2	97	90	Calm	E 1	7	7	14.3
21	59.30	57.26	24.1	27.7	91	78	SE 2	WNW 1	7	7	10.9
22	58.93	57.61	23	28.3	94	68	SE 2	WNW 2	7	5	------
23	59.12	57.38	21.8	27.4	94	70	ESE 1	NNW 1	6	10	3.6
24	58.86	57.74	22.8	26.6	94	87	S 3	S 3	7	9	.8
25	60.07	58.63	23.2	30	94	69	S 3	S 3	4	7	------
26	59.45	58.19	21.6	28	98	70	E 2	NNW 4	5	3	------
27	59.54	57.94	22.8	25.6	97	86	SW 1	NNW 2	7	10	.3
28	59.12	57.67	23	29.5	96	66	S 3	NNW 2	7	4	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.86	59.24	22.2	27.4	94.3	75.9	1.7	2.4	6.2	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	204.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6. a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.50	58.87	23.5	27.8	93	80	S 2	S 3	7	8	10.9
2	60.95	58.39	23	27.8	93	72	S 1	NW 2	3	3	2
3	59.44	58.14	22	28.7	95	70	SE 2	NNW 2	1	6	.5
4	59.98	57.78	23	28.7	91	69	SSE 3	S 3	8	9	------
5	59.61	57.72	21.5	29.5	90	57	SSE 3	E 3	3	10	------
6	59.27	57.86	20.6	27.9	95	77	E 1	N 2	4	10	10.4
7	59.27	57.86	22.6	26.1	97	87	E 1	S 2	9	10	7.4
8	58.42	57.26	22.1	25.6	96	91	Calm	S 1	7	10	5.3
9	58.22	56.65	22	27.1	97	84	SE 1	N 2	9	7	------
10	58.21	57.29	23.6	27.5	95	85	S 1	NNW 2	8	7	3.9
11	59.37	57.84	23	28.5	93	70	S 3	NNW 2	1	7	4.4
12	59.42	56.98	23.4	28.4	93	71	SSE 1	N 1	3	8	2.3
13	59.09	57.03	23	30.2	96	74	SE 1	NNW 4	2	4	------
14	59.53	57.84	24	28.2	92	80	S 2	NNW 1	6	9	2.3
15	60.02	58.30	24.1	28	95	80	Calm	NNW 1	8	8	1.8
16	59.17	57.59	23.3	28.1	91	74	SSE 2	NNW 3	6	8	6.9
17	59.80	57.96	22.1	29.5	96	64	SSE 2	NE 2	2	5	------
18	59.39	57.99	22.5	29.2	92	66	E 2	NNW 3	6	4	------
19	58.52	57.84	24	27.5	90	78	SSE 4	NNE 1	4	10	.8
20	59.05	58.13	23.8	31	91	68	S 3	S 1	8	4	------
21	59.45	57.83	22.1	27.8	91	75	SE 2	S 3	3	8	.5
22	58.57	57.92	23.5	27	92	80	ESE 1	NNW 2	7	10	8.6
23	58.46	57.28	23.1	28	94	75	S 2	S 3	4	6	2.6
24	59.55	58.66	22.7	29.4	94	55	SE 4	E 3	2	3	------
25	60.65	59.15	23.2	29.2	90	67	S 3	NW 1	3	7	------
26	60.18	59.11	21.9	28.7	93	60	ESE 1	NNW 2	7	4	------
27	60.71	58.83	22.2	29.7	87	51	SE 3	ESE 5	6	5	------
28	60.63	59.11	22	29.4	92	66	S 1	NW 3	5	3	------
29	60.55	58.99	23.5	28	87	70	SSE 1	WSW 1	1	9	------
30	60.50	59.08	21.8	29.6	94	62	SE 1	NNW 3	4	5	------
31	60.40	58.69	21.5	29.6	92	59	ESE 1	NNW 3	5	7	------
Mean	59.58	58.06	22.7	28.4	92.8	71.5	1.8	2.3	4.9	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	70.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.09	58.54	23.8	27.6	89	80	S 2	S 2	9	10	2.1
2	59.86	57.47	21.1	29.5	95	59	E 1	NNW 2	2	7	------
3	59.11	57.61	23	29.8	92	62	SSE 2	NNW 3	3	3	------
4	59.92	58.86	23.5	27.5	89	73	S 2	S 2	10	10	.3
5	59.92	58.16	22.5	28.4	95	69	Calm	NNW 4	9	8	5.6
6	59.71	57.49	22.5	29	91	70	S 4	N 2	9	10	.5
7	58.97	57.75	23.6	25.8	90	89	S 1	S 1	6	10	2.8
8	59.07	57.97	21.9	28.9	98	65	SE 2	NNW 4	7	7	------
9	59.40	58.21	22.4	27.9	93	75	S 1	NW 3	7	10	37.3
10	59.20	57.46	23.7	26.6	96	87	N 1	NW 4	10	10	9.6
11	58.60	57.50	24.4	26.4	94	85	WNW 1	NW 3	10	8	4.3
12	59.04	58.08	24.6	28.2	94	76	SSE 2	NW 1	9	10	------
13	60.18	57.91	23.9	29.9	93	71	S 3	S 2	8	8	33.8
14	60.37	58.95	23.4	26.8	94	86	S 2	NW 1	2	10	17.3
15	59.79	57.58	24	30	97	73	S 3	S 2	7	6	14
16	59.34	56.97	23.5	28.5	94	78	SSE 3	SE 2	2	8	.8
17	59.85	57.80	23.9	26.4	93	92	SSE 2	SSE 1	7	8	27.7
18	60.17	58.78	23.5	26.7	95	90	E 2	S 2	5	7	9.6
19	59.93	57.56	23.6	30.5	95	70	SE 2	S 2	6	7	------
20	60.07	58.13	23.1	30.2	95	70	E 1	NNW 3	1	8	1.5
21	60.25	58.33	24.5	27.5	92	81	SE 2	S 3	9	8	2
22	60.18	58.34	23.4	29	94	78	S 3	S 3	3	6	5.1
23	58.84	57.24	23.5	28.5	94	78	S 2	SE 3	2	10	3.1
24	58	55.66	24	30.8	93	61	ENE 1	S 3	6	4	.3
25	58.17	56.73	24	27.1	91	82	S 3	S 3	1	10	11.4
26	58.47	57.44	23.6	25.5	97	93	S 1	SSE 1	10	10	12.7
27	57.57	56.90	23	26.6	96	79	SE 1	NW 1	7	9	1
28	57.57	55.77	23.2	31.5	96	66	E 1	S 3	8	8	39.4
29	58.11	55.89	23.6	28.9	96	71	S 1	ENE 1	10	9	------
30	57.86	55.66	24.5	28.7	96	77	SW 1	NNW 3	9	7	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.25	57.56	23.4	28.3	93.9	76.2	1.8	2.3	6.5	8.2	------
Total	------	------	------	------	------	------	------	------	------	------	242.2

The barometric readings of this station seem to be too high by about 0.50 mm.

BUTUAN.

[φ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, −1.88 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	56.80	56.03	24	27.3	92	87	S 1	NNW 2	7	8	1.1	57.74	56.49	24.5	30.1	91	78	SSE 3	S 3	7	8	0.5
2	57.35	56.07	24	29	96	74	Calm	NNW 3	7	9	------	58	56.70	24.5	27.1	94	90	E 1	S 2	5	8	29.7
3	57.88	57.35	24.7	27.5	94	81	SSW 1	NNW 4	8	10	3.3	58.07	56.07	23.6	29.6	97	72	S 2	SSE 2	10	7	9.4
4	57.04	55.78	24.6	26.6	95	85	N 1	NNW 4	9	10	20.4	57.60	56.68	24.6	26.4	92	90	ESE 2	SSE 1	5	10	24.9
5	55.49	54.06	23.5	29.5	96	79	SSE 1	S 3	10	10	2.3	57.11	55.83	24.2	27.5	94	86	S 1	S 3	3	9	.5
6	56.50	55.51	24.5	28.6	92	74	S 3	WNW 3	6	9	53.1	57.84	56.34	25	25.2	92	98	S 2	SW 1	7	10	17
7	58.66	56.83	23.2	30.6	95	67	S 3	S 2	3	8	15	57.95	56.64	24.5	26.6	92	87	SE 1	E 1	8	8	------
8	58.90	56.83	24	30.1	92	71	SE 3	NNW 2	7	8	6.4	58.36	57.12	24.5	28.6	92	78	S 3	S 3	3	7	.6
9	58.35	56.86	24.6	29.4	91	75	SE 4	WNW 2	5	8	.3	59.58	57.41	24.1	29.8	94	70	ESE 2	N 2	6	7	3.6
10	58.74	57.36	24.6	30.5	91	73	SSE 3	W 1	7	7	------	59.62	57.63	24.5	31.4	93	65	SE 2	SSW 2	6	7	------
11	59.94	57.75	24.7	33	92	61	SE 2	S 3	2	5	------	59.70	58.18	24.5	28.6	92	78	S 2	S 2	7	10	.5
12	60.69	58.17	25.5	32.1	92	63	S 3	S 4	6	4	------	59.24	57.74	24.5	29.1	92	77	ESE 2	S 1	10	9	------
13	59.93	57.22	25.1	32.4	92	62	SE 3	S 3	3	3	17.5	59.09	58.43	24.7	26.5	94	89	SE 1	ESE 1	9	10	5.3
14	59.38	56.36	25.3	33	90	58	S 2	S 2	2	4	7.1	59.57	57.99	24.5	26.2	93	90	S 3	SE 2	7	10	4.1
15	59.52	57.56	25.1	29.7	90	70	SE 3	NNE 2	2	7	------	59.40	57.92	23.4	26.6	95	89	Calm	S 1	3	10	1.5
16	60.19	58.26	24.6	26.7	92	83	SSE 3	SSE 2	1	9	3.6	59.01	58.23	24.5	29	92	75	SSE 3	NNW 3	7	7	4.8
17	60.94	59.15	24.7	27.6	94	81	E 2	NE 2	2	6	.8	59.52	58.13	23.5	29	94	74	SSE 2	S 3	5	8	15.2
18	60.08	58.83	24.8	28.1	92	77	S 2	N 3	3	9	6.3	60.57	58.92	23.2	28.7	95	71	S 3	E 2	3	9	------
19	59.44	58.90	24.3	26.6	91	88	SSE 3	SE 1	6	10	1.5	60.87	59.21	24.2	31.6	93	57	ESE 1	NW 2	0	3	------
20	59.67	58.17	24.1	29.8	96	65	ESE 1	ENE 2	7	7	.8	60.75	58.34	24.1	31.4	95	63	E 1	NNW 3	3	3	.5
21	59.34	56.87	24	30.8	95	69	E 1	S 1	6	8	------	60.20	58.39	24.1	29.6	91	74	S 1	ESE 2	6	9	------
22	58.62	56.85	23.7	30.8	91	64	ENE 1	NNW 2	8	7	2.5	60.02	58.30	24.9	30.9	92	64	SE 1	NNW 3	1	5	6.9
23	58.30	56.75	24.1	26.2	95	91	ESE 1	E 1	8	10	9.9	60.74	58.82	24.4	31	92	68	SE 1	NNW 3	2	3	.3
24	57.64	56.56	24.5	27.9	92	78	ESE 2	NNW 2	8	10	26.2	60.12	60.43	24.6	24.6	95	92	ESE 1	S 2	10	10	18.5
25	59.05	58.12	23.5	30	94	68	S 2	NNW 2	8	6	2.3	60.31	59.97	22	23.6	96	99	SE 2	WSW 1	3	10	31.7
26	59.79	-----	24.2	-----	93	-----	S 3	--------	4	-----	------	59.70	57.69	22.6	29.6	97	73	S 2	N 4	3	9	40.9
27	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	3.6	59.49	58.04	23.8	28	96	77	S 3	SSE 1	3	8	.3
28	59.04	57.69	24.6	28.1	92	77	S 3	E 1	1	9	1.5	60.23	59.33	24	27.5	92	81	S 3	N 1	4	9	------
29	58.85	57.40	24.1	26.1	95	91	S 1	SE 1	9	10	13.2	60.83	59.26	24.4	29.5	93	75	SE 1	E 1	2	7	1.5
30	59.38	58.29	24	26.1	95	92	E 2	S 1	7	9	35.6	59.72	57.24	24	27.4	96	84	ESE 1	E 2	2	10	1
31	59.27	58.13	24.6	27	92	83	SSE 1	NNW 2	7	9	4.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.83	57.23	24.4	29	93	75.4	2	2.2	5.6	7.9	------	59.36	57.92	24.1	28.4	93.5	78.8	1.8	2	5	8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[a]238.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	219.2

Day.	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	58.90	57.61	24.1	29.5	95	77	S 2	N 2	2	7	------	56.93	56.48	25.1	30.6	94	62	ESE 2	N 5	7	10	0.3
2	59.87	58.31	24	30	96	62	SE 1	N 2	2	8	4.1	56.98	56.36	25.1	31.1	89	59	SSE 2	N 4	7	5	------
3	59.30	58.08	23.5	28.4	95	75	ESE 1	NNW 2	7	8	3	58.55	57.70	23.5	31.2	91	61	SSE 1	N 3	7	6	------
4	58.40	57.11	24.6	29.3	91	72	SE 1	NNW 2	10	9	.3	58.51	57.36	24.2	31.4	91	61	SE 1	N 5	3	2	------
5	58.29	57.05	24.4	27.9	93	84	S 2	N 2	7	7	32	58.28	56.82	24.7	31.5	91	58	S 3	N 3	7	4	------
6	57.95	57.28	23.4	29	96	78	S 2	NW 2	10	7	1.5	57.95	57.45	25.1	30.1	88	68	E 1	N 3	7	9	.8
7	59.12	57.06	24.5	30	93	68	ESE 1	NNW 3	7	6	------	58.88	57.25	24.6	31.5	92	60	S 3	NNW 3	3	6	------
8	59.64	56.91	24	29.9	91	67	SE 2	NNW 2	9	9	------	58.90	57.70	24.4	29.6	92	68	S 2	NNW 1	5	8	------
9	58.80	57.61	24.5	29.8	91	67	ESE 1	NNW 3	9	8	------	58.98	57.90	24.7	30.1	91	64	E 1	N 6	5	6	------
10	58.37	57.67	23.5	28.6	92	71	S 1	NNW 3	9	10	------	59.15	57.46	23.7	31	91	51	SSE 2	NNW 3	4	6	------
11	58.72	56.95	24	31	92	63	SE 2	NNW 3	6	4	------	58.25	56.50	23.5	31	90	59	S 2	N 3	2	3	------
12	58.86	57.50	24.6	30.6	92	68	ESE 2	N 3	10	9	------	57.72	56.58	23.5	28.7	90	73	N 1	N 2	6	10	------
13	58.88	57.36	24.5	28	93	81	SW 1	NW 1	10	10	64	56.78	56.07	24.8	29.6	91	64	SSW 1	N 4	10	6	2
14	56.14	55.27	23.2	24.8	97	96	S 1	Calm	10	10	7.9	56.55	55.45	23.4	31.6	93	58	S 1	NNW 4	6	8	------
15	54.37	53.66	23.3	27.6	97	81	SSE 1	S 3	10	10	.3	56.11	54.66	24.5	30.4	88	63	S 2	NNW 3	9	7	------
16	56.11	55.93	24	26.4	92	81	SSW 2	W 5	9	10	14.5	57	56.03	25.4	32.4	87	56	SSE 2	S 3	7	7	14
17	58.35	57.32	23.5	30.5	91	59	ESE 2	NNW 2	9	9	------	59.25	57.59	23.8	30.2	96	69	S 1	N 1	10	10	16.5
18	57.78	56.64	25.1	31.6	92	51	S 2	NNW 4	7	5	------	59.28	57.31	24.2	30.1	93	60	SE 2	NNW 3	4	5	4.6
19	57.40	56.55	24	31.5	91	55	S 3	NNW 3	1	3	------	58.70	56.12	23	29.8	95	69	Calm	NNW 4	7	6	1.5
20	57.46	57.01	25.4	31.9	88	56	S 3	NNW 3	4	3	------	57.82	56.14	23.8	28.6	92	75	S 2	NW 3	7	9	55.6
21	58.23	56.97	25.4	31.2	98	61	S 3	NNW 3	6	5	------	58.40	56.43	23.6	28.5	95	70	S 1	NNW 3	6	7	43.7
22	57.49	56.16	24.6	30.5	92	63	S 2	N 2	8	9	13.2	58.19	56.51	23.4	29.5	96	70	E 1	NNW 3	7	8	1.3
23	56.87	55.13	23.5	30.7	93	62	S 1	N 4	10	7	------	57.90	56.18	24.3	29.6	93	70	S 3	N 4	7	7	------
24	56.81	56.28	23.9	31	89	54	SE 2	NNW 4	10	8	5.8	58.39	57.08	23.5	29.4	93	66	SSE 1	NNW 3	9	7	------
25	58.25	56.85	23.8	27.8	93	76	S 2	WNW 1	10	9	------	59.25	58.51	24.1	29.1	92	67	S 1	NNW 4	9	9	------
26	58.12	57.49	24.4	27.6	97	84	ESE 1	N 1	9	10	3.6	59.11	57.56	24.9	29	87	67	Calm	NNW 5	9	8	------
27	57.19	56.07	23.6	28.5	95	77	SE 1	NNW 4	10	10	.5	57.06	55.90	24.9	29.8	88	66	S 1	N 6	9	9	------
28	57.02	55.32	24.2	29.7	86	70	NNW 2	NNE 1	10	9	12	56.83	56.08	24.8	28.1	89	68	SSW 1	NNW 2	10	10	12.2
29	56.95	55.58	24	30.3	88	74	S 3	SE 2	10	7	------	58.07	58.70	23.5	27.4	91	77	SSW 1	NNW 1	9	10	5.6
30	57.69	56.78	24.2	32	90	61	S 3	S 2	9	7	------	58.46	58.13	24.5	27.1	87	69	NW 2	N 2	9	10	------
31	58.50	56.72	24.6	31.8	92	51	S 2	NNW 3	6	4	------	57.59	56.79	27	24.6	73	96	NNW 3	NNW 2	10	10	35.6
Mean	57.93	56.72	24.1	29.6	92.6	69.2	1.8	2.5	7.9	7.6	------	58.06	56.86	24.3	29.8	90.6	65.9	1.5	3.3	7	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	162.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	193.7

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[a] 30 days of observation.

BUTUAN.

[φ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	54.86	54.96	23.5	24.6	97	92	Calm	S 1	10	10	5.5
2	54.46	54.14	23.9	26.6	92	79	S 2	N 3	10	10	1.3
3	56.21	54.88	23.4	28.4	90	73	S 3	SE 1	10	10	------
4	58.10	55.87	24.6	29.9	83	62	S 2	S 3	7	8	------
5	59.45	57.55	24.4	30	87	67	S 3	WNW 3	1	3	------
6	59.70	57.83	24.7	29	92	71	SSE 2	NNW 3	9	8	------
7	59.48	58.03	24.1	28	91	78	S 2	NNW 1	8	9	2
8	58.86	57.42	23.1	28.5	96	70	E 1	NNW 3	9	8	------
9	58.52	56.65	24.6	29.9	92	65	E 2	NNW 4	7	6	------
10	57.90	56.06	24.6	30.1	92	64	S 3	NNW 4	8	5	------
11	57.81	56.68	24.3	29	91	74	S 2	N 1	3	10	------
12	59.47	58.47	24.5	28.4	92	77	E 1	NNW 2	10	8	------
13	59.67	58.28	24.4	29.5	91	72	S 1	NNW 3	7	8	------
14	60.15	58.59	24.5	29	95	71	S 1	N 3	8	8	------
15	59.39	57.66	24.1	30.3	91	67	S 1	NW 3	3	4	------
16	59.20	57.25	25	30.6	92	68	S 2	N 3	9	3	------
17	59.92	58.48	23.6	29.3	89	71	S 1	NE 1	9	9	------
18	59.88	57.99	23.6	29	94	69	S 1	NNW 3	7	8	.3
19	60.29	58.22	24.3	27.6	96	70	Calm	N 2	8	9	1.8
20	59.34	57.17	23.4	28.8	96	74	Calm	NNW 4	10	9	29.2
21	58.91	57.15	23.6	27.6	96	80	S 1	NNW 3	10	9	8.1
22	59.11	58.29	23.9	29.7	96	67	S 2	NNW 3	7	7	10.4
23	60.34	58.91	23.6	28	95	77	S 1	NNW 3	8	9	9.9
24	60.13	57.82	23.3	29	96	70	Variable 1	N 3	8	8	------
25	59.47	58.01	23.6	27.7	95	83	S 2	E 3	8	9	2.3
26	59.54	57.11	23.5	30.5	96	68	S 2	N 2	7	7	1
27	60.28	58.28	23.5	29.1	94	74	Variable 1	NNW 2	3	7	------
28	59.49	57.13	24	31	93	69	SSW 2	WNW 3	4	4	13.2
29	59.49	57.61	24.1	28.6	91	73	S 3	NNW 4	7	7	5.6
30	59.10	57.43	24.2	29.5	95	72	Calm	NW 3	7	5	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.95	57.33	24	28.9	92.9	72.2	1.5	2.7	7.4	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	90.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.25	57.62	24.6	29.5	94	71	SSE 2	NNW 3	6	4	------
2	58.93	57.21	25.1	29.6	91	75	S 2	N 4	10	8	------
3	58.85	57.56	23.6	30	96	69	Variable 1	NNW 4	5	6	------
4	59.63	58.12	24.4	29	89	71	S 3	NNW 3	3	9	------
5	59.62	57.33	24	28.5	92	74	ESE 1	NNW 3	7	7	34.3
6	59.34	57.02	23.7	28.5	95	73	S 2	NNW 3	7	8	------
7	59.25	58.11	24	29.6	93	74	S 2	NNW 3	9	9	------
8	59.20	57.72	23.8	28.6	94	71	S 2	NNW 3	6	9	3.8
9	57.66	55.83	23.6	28.7	96	74	Variable 1	NNW 3	7	10	1.3
10	57.34	55.16	24.5	28.6	94	73	S 2	NW 4	8	8	------
11	56	54.22	24	29.6	94	70	Variable 1	NNE 1	10	9	36.6
12	56	55.18	24	28.3	95	74	S 2	NNW 2	10	10	.5
13	56.02	54.73	23.2	29	90	74	S 4	SSE 2	6	8	------
14	56.59	55	25.5	30.4	88	68	S 2	S 1	10	7	------
15	57.09	57.06	24.6	30	88	61	S 2	NNW 2	9	7	.3
16	59.35	58.73	23.9	28.9	93	69	ESE 1	N 2	9	7	------
17	60.25	58.42	24.6	29	92	64	S 3	NNW 3	10	7	------
18	60.60	58.86	24.1	29.1	91	67	S 2	N 3	8	5	.5
19	60.77	58.95	23.8	28.5	94	68	E 1	NNW 4	4	8	------
20	59.82	58.91	24.6	27.6	91	77	N 1	NNW 3	8	8	43.9
21	59.80	58.65	24.1	26.8	98	83	Variable 1	NNW 2	10	10	3.3
22	59.82	57.94	23.9	27.7	97	76	S 1	NNW 3	9	8	------
23	59.14	57.96	24.9	29.4	92	68	SSE 1	NNW 4	10	3	------
24	59.44	58.64	23.5	27	95	80	S 1	NNW 3	9	10	.3
25	60.97	59.77	24.2	26.4	96	84	Calm	W 1	10	10	------
26	60.33	57.97	23.1	28.9	99	71	Variable 1	NNW 3	10	4	------
27	59.84	58.01	23.6	29.1	95	71	SE 1	NNW 3	4	4	1.3
28	60.42	59.02	23.4	26.6	95	88	E 1	E 1	6	9	8.9
29	60.39	58.67	23.5	28.9	97	70	SSE 1	NNW 3	10	3	------
30	60.33	58.12	23.1	28.6	95	72	E 1	NNW 2	5	9	.5
31	59.62	58.35	23.2	27.4	95	83	S 3	SSW 3	5	10	.3
Mean	59.09	57.58	24	28.6	93.7	73	1.6	2.7	7.7	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	135.8

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.54	57.92	22.8	30.4	94	69	Variable 1	S 3	3	9	8.9
2	59.89	58.25	23.7	27.5	95	87	S 2	SSE 1	7	10	13.2
3	60.22	58.47	23.5	26.5	95	84	S 1	N 1	3	9	1.8
4	59.89	58.30	24.4	27.5	91	84	S 2	S 2	8	9	------
5	60.17	58.45	23.5	28.1	96	81	S 1	S 2	7	7	.5
6	59.88	58.52	23.9	26.6	96	91	E 1	SW 1	7	10	13.5
7	59.67	58.75	24.2	27.8	93	79	S 3	N 1	10	10	.3
8	59.89	59.16	24.1	25.5	95	93	S 2	S 3	7	10	18.8
9	60.14	59.89	23.8	24.6	97	93	N 2	S 4	10	10	57.9
10	59.40	58.06	22.5	26.6	96	87	Calm	NNE 1	10	7	3.3
11	59.38	58.23	22.7	28.2	97	70	Calm	NNW 3	10	7	1
12	60.39	59.24	21.8	28.1	97	70	SSE 2	NNW 2	5	5	------
13	60.44	58.85	21.8	28	98	75	ENE 1	NNW 2	10	8	2
14	59.68	58.93	21.6	27.5	98	66	Calm	NW 4	10	5	------
15	60.13	59.66	21.8	28	94	68	E 1	NNW 3	6	4	------
16	61.31	59.83	21.1	28	95	68	E 1	NW 4	4	3	------
17	61.13	59.18	21	28.4	96	70	Calm	NNW 4	3	3	------
18	61.62	60.02	22.5	28.2	96	72	SSE 1	NNW 4	4	7	------
19	61.13	59.71	22.8	28.6	97	77	Variable 1	W 2	6	7	8.9
20	61.37	59.88	22.2	29.1	98	72	S 1	N 2	7	3	------
21	60.64	59.32	23.4	26	97	92	Calm	NE 2	10	10	13.2
22	59.57	58.68	22.2	26.7	96	87	Variable 1	NNW 3	8	10	7.4
23	60.54	59.31	23.4	28.5	97	70	E 1	NNW 3	5	3	------
24	60.97	60.01	22.4	29	95	68	E 1	NNW 2	2	3	------
25	61.05	59.63	20.3	26.8	98	78	Calm	NNW 2	10	10	------
26	59.07	57.78	22.2	27.1	96	76	S 1	NNW 2	7	9	.3
27	58.43	57.38	21.5	29.3	95	66	S 1	N 2	3	2	------
28	59.25	57.78	21.5	28.6	96	71	E 1	NNW 3	5	2	------
29	59.26	57.93	21.5	28.6	95	70	Calm	NNW 3	3	3	------
30	59.27	58.09	23.1	29.3	95	70	ESE 1	NNW 3	4	4	7.1
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.11	58.84	22.6	27.8	95.8	76.8	1	2.5	6.5	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	158.1

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.87	58.70	24.7	28.2	95	72	SSE 2	NW 2	6	8	------
2	60.19	59.22	21.6	28	97	71	Calm	NNW 3	8	9	0.3
3	61.05	60.04	24	28.5	91	70	S 2	Calm	7	4	------
4	61.45	60.17	21.7	28.6	95	66	E 1	NNW 3	2	5	2
5	61.40	60.52	22.8	26	97	88	Calm	SW 1	10	10	.8
6	61.25	59.96	22.9	27.2	97	77	ESE 1	S 2	8	7	8.4
7	60.58	59.22	23.8	26.1	94	90	Calm	N 1	10	10	2.5
8	59.72	58.69	24	25.7	92	90	SE 1	S 2	7	9	15
9	59.66	58.21	22.1	28.3	96	72	Calm	NE 2	7	3	12.7
10	59.92	59.09	22.5	26.5	96	89	E 1	WSW 1	2	7	4.1
11	60.20	58.33	22.6	28.5	91	81	S 3	S 3	8	6	------
12	59.42	57.89	23.6	28.3	95	82	E 1	SW 3	2	6	.8
13	59.06	58.43	22.6	26.3	97	89	Calm	NNE 1	7	9	28.2
14	58.40	57.89	22.6	25.7	95	91	SSE 1	N 1	2	10	21.6
15	58.47	57.48	23.9	26.5	92	91	SSE 3	W 1	3	9	25.2
16	59.88	58.44	23.6	28.5	97	77	SSE 1	NNW 3	9	7	5.6
17	60.08	58.77	22.1	28.5	97	75	Calm	NNW 3	6	4	------
18	60.04	58.50	22.5	28.6	97	75	Calm	NNW 2	8	6	2.1
19	60.45	59.50	24.4	26.1	93	85	S 1	S 3	10	8	5.6
20	61.25	60.17	21.7	26.5	97	84	S 1	N 1	5	10	19.6
21	60.22	59.04	23.6	24.8	98	93	Calm	NNW 1	10	10	8.1
22	59.08	58.31	23.2	25	95	92	NNE 1	Variable 1	3	10	40.1
23	59.14	58.13	23.4	27.5	97	70	S 1	W 2	10	9	1
24	59.35	57.78	23.9	26.9	93	78	Calm	NE 2	5	8	.5
25	58.97	58.25	22.8	28.1	97	77	Calm	NNW 3	4	9	------
26	59.65	58.48	22.5	28.1	96	80	Calm	NNW 3	2	9	6.1
27	59.53	57.72	24	28.1	97	75	Calm	NNW 3	7	5	1.3
28	59.58	58.68	23.6	27	98	78	NNE 1	WNW 3	9	9	52.8
29	61.14	59.02	24.2	28.2	95	87	S 1	SW 2	10	8	1.3
30	62.12	61.02	24	29.1	96	76	S 2	S 3	7	5	.3
31	63.16	61.23	21.6	28.4	96	64	ESE 1	NNW 3	4	6	------
Mean	60.14	58.93	23.1	27.3	95.5	80.2	0.8	2.1	6.4	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	266

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, −1.87 mm.]

Day.	JANUARY.[a]											
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.87	57.88	26.1	28.5	83	77	N 3	NbyE 2	7	8	2.5
2	58.63	56.95	25.6	28	84	74	NNE 3	NE 2	8	8	------
3	58.07	57.57	24	28.3	83	74	WNW 1	NNE 2	7	7	------
4	58.49	58.21	25.9	27.6	86	81	WNW 1	N 2	9	10	15.5
5	58.68	57.48	26.8	28.6	80	75	N 3	NE 2	4	4	------
6	58.39	57.32	26.2	27.6	77	74	NNE 2	NNE 3	8	9	2.5
7	57.73	57.39	25.3	26.2	81	87	N 1	NNE 3	10	10	------
8	58.74	57.78	26.2	28.8	85	72	N 2	N 2	10	7	------
9	58.14	57.32	25.5	29.1	91	72	NNW 1	N 2	10	7	------
10	58.29	57.51	27	28.2	86	77	NNE 2	NNE 2	10	9	------
11	59.05	58.42	23.5	28.2	87	67	NW 1	NNE 2	6	7	------
12	59.79	58.22	24.2	27.9	78	71	NNE 1	NE 3	8	9	------
13	60.48	59.22	22.6	28.3	78	75	W 1	NE 2	5	7	------
14	60.03	59.65	23.5	27.7	84	72	W 1	NNW 2	6	9	------
15	61.01	60.27	22.3	28.4	78	69	NW 1	NE 2	7	7	------
16	61.93	60.55	23.2	28	88	68	W 1	N 1	7	9	------
17	61.02	59.79	22	28.6	85	64	Calm	N 1	4	7	------
18	61.23	59.56	22.3	27.7	85	76	WNW 1	N 1	7	5	------
19	60.69	59.82	25	28.5	88	72	NE 2	NE 2	9	7	------
20	61.77	60.22	23.4	28.8	80	63	Calm	E 1	6	3	------
21	61.13	60.47	24.4	28.4	80	64	W 1	ENE 1	6	3	------
22	61.31	60.77	26.8	28	78	71	NNE 3	NE 1	9	9	------
23	61.63	60.50	24.6	27.9	82	71	WNW 1	NNE 3	4	6	------
24	61.29	60.47	23.3	28	82	72	WNW 1	NNE 2	6	8	------
25	61.76	60.64	23.6	29.6	78	59	NW 1	N 3	3	7	------
26	62.33	61.01	26.1	27.2	79	73	N 3	NNE 3	7	9	2.8
27	62.17	61.02	24.4	26.8	80	72	N 3	NNE 4	7	9	1.5
28	61.72	61.15	22.8	25.8	93	79	NW 1	NNE 3	10	10	17.2
29	61.92	61.21	23.4	23.7	88	95	N 2	NNW 3	10	10	12.7
30	62.09	61.18	23.5	26.5	90	80	NW 2	NE 2	10	8	3.3
31	62.74	61.54	23.4	25	83	87	N 2	NNE 5	8	10	7.9
Mean	60.36	59.39	24.4	27.7	83.2	73.6	1.5	2.2	7.4	7.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	65.9

Day.	FEBRUARY.											
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.68	61.44	23.7	25.6	79	82	NW 1	NNE 3	8	10	0.4
2	61.51	60.21	24.8	27	77	75	NE 3	NE 3	10	9	20.8
3	59.91	58.89	23.5	27	95	83	NNW 1	N 2	10	10	21.8
4	59.91	58.51	23	27	93	81	NNW 1	NbyW 2	10	9	------
5	60.13	59.22	25	28.3	88	73	NNW 1	N 3	10	8	------
6	60.24	59.28	23.9	28	92	73	NW 1	NNE 2	5	3	2
7	60.38	59.67	25	26.2	88	79	N 2	NNE 3	8	10	------
8	60.17	59.24	23.4	26.9	85	75	NNW 1	N 2	4	9	------
9	60.67	59.80	24.8	27.4	79	72	NNW 1	NNE 2	3	4	------
10	60.38	60.43	23.8	28.2	85	67	NW 1	NE 1	6	3	------
11	60.87	60.47	23.6	27.2	88	70	NW 1	NNE 1	4	4	------
12	61.74	60.32	22	27.7	86	73	W 1	NNE 2	5	6	------
13	61.05	60.18	25.8	27.8	78	73	NEbyN 3	NNE 2	3	6	7.9
14	62.46	62.21	23.6	25.5	92	84	WNW 1	NE 4	9	10	6.7
15	62.24	61.63	25	27.2	82	73	N 2	NE 3	10	7	------
16	63.12	61.77	21.9	28.2	83	68	W 1	NE 3	5	7	------
17	61.22	60.32	25.2	27.6	85	64	N 3	N 4	7	7	------
18	60.26	59.31	25	28	73	69	NNE 3	NE 3	8	6	------
19	59.05	58.68	24.4	26	73	75	NNW 2	N 2	5	10	5.4
20	58.30	57	24.8	28.5	88	73	NWbyN 2	NNE 2	10	7	------
21	58.54	57.72	25.5	28	81	77	NNW 1	NNE 2	6	5	------
22	58.27	57.68	25.4	27.4	84	84	N 1	NE 2	10	7	------
23	58.25	57.74	26	27.6	80	74	NNE 3	NEbyN 2	7	7	------
24	57.97	57.71	25.7	28.7	75	73	Calm	N 2	9	9	------
25	59.32	58.73	26.5	27.4	80	76	NNE 3	NEbyN 2	9	9	------
26	59.08	58.12	23.6	27.4	86	72	NW 1	NE 2	4	8	------
27	58.93	57.67	23.5	27.4	88	75	NW 1	N 2	7	7	------
28	58.28	57.98	24.6	27.1	87	78	NNW 2	NE 2	7	4	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.14	59.35	24.4	27.4	83.9	74.7	1.6	2.3	7.1	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	65

Day.	MARCH.											
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.66	59.13	25.3	27.5	87	78	NbyW 1	N 4	8	8	1
2	60.15	58.62	24.7	28.2	80	61	N 1	NNE 1	4	7	------
3	58.80	58.33	23.7	28.1	74	63	NW 1	NbyE 1	6	6	------
4	59.09	57.92	26.3	27.6	79	70	NNE 3	NNE 1	8	8	------
5	59.18	57.93	25	29.8	83	52	NNE 3	NNE 1	9	7	------
6	58.59	57.87	24.5	27.6	86	73	NW 1	NE 2	5	4	------
7	58.74	57.72	25.6	27.3	79	76	NNE 1	NNE 1	10	10	------
8	57.42	56.51	24.4	27.1	89	78	W 1	NEbyN 1	9	7	------
9	57.27	56.25	24.2	27.4	82	81	W 1	NE 1	6	7	------
10	57.50	57.83	24.4	26.8	80	81	WNW 1	NEbyN 2	6	10	------
11	58.70	57.68	25.1	27.8	72	75	NbyW 2	NE 1	4	2	------
12	58.69	57.67	25.6	27.9	84	77	NW 1	E 1	4	6	------
13	58.28	57.20	24.6	27.8	88	83	W 1	ENE 2	6	5	1.3
14	59.04	57.72	24.2	28	87	82	W 1	NE 2	8	7	------
15	59.17	58.10	25.4	27.9	88	79	NNW 1	NEbyN 3	8	8	------
16	58.92	57.66	25.2	27.8	79	72	N 2	NE 2	4	8	------
17	58.94	58.15	25.9	28.8	85	64	NE 3	NNE 1	7	7	------
18	58.26	58.33	26.7	27.9	69	72	NNE 3	NE 2	8	6	------
19	57.98	57.93	25.4	27	74	77	N 2	N 2	8	9	1.3
20	58.77	58.21	26.3	27.9	75	74	NNE 2	NNE 1	9	9	------
21	58.57	57.71	26	29	80	60	NE 3	N 1	7	8	------
22	57.75	57.60	23.4	28.5	80	68	NW 1	E 1	6	7	------
23	57.57	57.22	26.2	27.7	81	77	NNE 2	NE 2	5	5	------
24	58.69	58.95	26.4	27.4	81	71	NNE 2	NE 2	7	3	------
25	59.82	59.41	24.5	27.2	71	77	NNW 1	NEbyN 2	4	8	------
26	59.13	59.22	25.2	27.9	75	69	N 2	NE 3	6	4	------
27	59.87	59.10	26.1	28.5	68	67	NE 3	N 2	4	8	------
28	60.04	59.38	22.7	27.4	78	73	NW 2	NNE 2	5	6	------
29	60	58.81	26.4	27.8	77	70	NE 2	NE 3	5	3	------
30	59.94	59.56	23.2	27.7	75	73	WNW 1	NE 2	6	7	------
31	59.44	58.87	23.8	28.7	77	64	NW 1	NNE 1	9	7	------
Mean	58.84	58.15	25	27.9	79.5	72.2	1.7	1.7	6.5	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	3.6

Day.	APRIL.											
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*0–10.*	*0–10.*			*P. ct.*	*P. ct.*	*mm.*
1	59.27	58.59	25.2	27.7	76	74	NNW 1	N 1	4	8	------
2	59.24	57.56	23.9	28.1	81	72	W 1	NEbyE 2	5	7	------
3	58.47	57.60	24.1	27.7	90	74	WSW 1	ENE 1	7	4	------
4	58.89	58.67	23.7	27.9	78	73	W 1	NNE 1	10	8	0.8
5	59.48	58.27	25.3	27.3	78	72	NW 1	NE 1	5	9	1.1
6	58.98	57.65	25.9	28.4	83	68	NE 2	NE 1	9	9	------
7	58.16	57.58	26.4	27.7	80	81	NNE 1	ENE 2	7	4	.7
8	58.29	58.05	26.3	28	83	75	NE 3	ENE 2	7	5	------
9	58.87	58.06	23.5	27.6	80	73	WNW 1	ENE 2	6	8	------
10	58.82	57.81	26.7	28.4	80	75	NbyE 2	NE 2	10	7	------
11	58.06	56.81	24.3	28.2	87	78	Calm	NE 1	4	5	------
12	58.61	57.49	25.7	29.7	87	71	NNW 1	SSE 1	5	8	4.1
13	59.07	58.13	25.2	29.1	94	77	NW 1	Calm	9	9	1
14	59.32	58.10	26.3	28	90	82	NNE 2	E 2	7	4	7.9
15	58.70	57.48	23.7	28.6	91	82	W 1	ESE 1	5	7	.5
16	58.57	57.03	24.7	28	91	74	Calm	Calm	7	9	2.1
17	58.89	57.61	25.1	27.6	92	84	W 1	ENE 1	9	7	2
18	59.22	58.52	24.9	28	94	82	W 1	NE 1	8	8	------
19	58.82	57.90	27.1	28.8	79	71	NE 2	NE 2	7	4	------
20	59.22	58.50	27.2	28.3	78	74	NNE 3	NE 1	6	5	------
21	59.26	58.14	27.1	29	80	75	NNE 3	NbyE 1	7	4	------
22	59.22	58.06	27	28.9	77	79	NNE 2	NE 2	5	8	------
23	58.21	57.11	24.8	28	79	78	NNW 1	NE 2	2	6	------
24	57.29	56.10	27	28.3	78	75	NNE 3	NEbyN 3	7	7	------
25	57.51	56.13	26.6	28	80	79	N 2	NE 2	5	8	------
26	57.69	56.70	26.8	28	83	79	N 2	E 2	5	9	2.3
27	57.09	56.81	26	29	.85	71	N 2	N 3	7	5	.8
28	56.72	56.25	26.2	29.4	82	72	NNW 2	NNE 1	4	6	2.8
29	57.30	55.90	27	28.3	79	80	NbyE 2	ENE 2	8	6	------
30	57.26	55.72	26.2	29	82	66	NWbyN 1	NNE 2	8	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.48	57.48	25.7	28.3	83.2	75.5	1.5	1.5	6.5	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	26.1

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[a] The total rainfall in the "Monthly Bulletin" should be 65.9 mm. instead of 72.9 mm.

DUMAGUETE.

[φ=9° 18′ N.; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, −1.87 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.53	55.79	25.9	29	88	73	NW 1	ENE 2	7	3	------	57.28	56.57	27.6	29.2	80	75	NNE 3	NE 3	7	8	------
2	56.69	55.77	24.8	29.2	87	68	Calm	NE 1	6	7	------	57.35	56.20	27.8	29.8	78	73	NNE 3	NNE 2	8	8	72.4
3	57.64	56.80	24.4	29.6	81	69	Calm	NE 1	6	8	1.3	58.52	56.32	22.8	27.4	95	79	NW 2	NE 1	10	9	12.4
4	56.99	55.69	25.8	32	84	51	N 1	NNW 2	6	6	------	57.14	56.25	25.5	29.3	88	72	N 1	NNE 2	9	7	.5
5	55.52	53.91	25	29.6	88	71	NW 1	SSE 2	6	10	9	56.57	55.80	26.5	28.8	90	78	WNW 1	NE 1	7	7	3.8
6	55.11	55.44	25.2	25.8	91	90	S 1	NE 1	9	10	16	56.67	56.09	25.8	29	93	76	Calm	NNE 2	10	10	16.8
7	57.37	56.81	26.2	27.7	90	84	S 2	SSE 3	9	10	------	57.13	56.15	24.6	29	93	72	WNW 1	NNE 1	8	7	3.6
8	57.98	56.51	24	29.2	85	75	W 1	SSE 3	7	6	------	57.57	56.64	25.9	29	93	71	Calm	NE 1	8	4	------
9	57.52	56.04	25	31.3	87	61	WSW 1	S 2	4	6	------	58.79	57.29	26.2	28.6	88	77	W 1	NNE 1	8	7	7.1
10	57.77	57.06	24.1	29.8	87	72	W 1	S 3	5	8	------	59.19	57.89	24.5	28.8	91	74	SE 4	NEbyN 1	10	7	12.4
11	58.92	57.71	24.2	29.6	82	75	W 1	SSE 2	6	4	------	58.78	57.95	24.5	28.8	84	75	W 1	E 1	10	10	------
12	59.90	58.13	24.6	30.4	79	69	WSW 1	ESE 1	5	3	------	58.84	57.79	24.4	28.8	85	73	Calm	NNE 2	7	9	------
13	59.12	57.36	26.1	29.7	82	75	Calm	ENE 2	4	4	------	58.62	58.10	23.8	28.6	86	77	NwbyN 1	SE 1	8	9	------
14	58.34	56.45	26.2	30.3	79	74	WSW 1	E 2	2	3	------	58.74	57.49	24.8	28.6	86	78	WNW 1	NE 1	7	6	8.7
15	58.34	57.50	24.8	31.3	91	68	Calm	SSE 3	8	4	------	58.65	57.28	23.9	28.7	89	78	Calm	NE 1	7	10	2.8
16	59.47	57.70	24.4	31.3	83	65	W 1	S 2	6	4	------	58.23	57.18	24.8	28.7	93	75	Calm	S 3	10	8	4.4
17	59.68	58.86	25.5	29.3	80	76	Calm	ENE 2	3	7	------	58.58	57.67	24.4	30.1	91	71	Calm	SSE 2	8	4	------
18	59.27	58.35	25.7	29.8	82	73	W 1	E 2	5	7	------	59.82	58.76	24.4	29.2	87	76	W 1	ESE 1	8	7	------
19	58.82	57.97	26.4	28.7	83	70	W 1	NNE 1	5	10	11.5	60.25	59.22	25.1	29.4	85	75	W 1	NE 2	5	7	------
20	58.89	57.91	25.4	28.7	89	74	WbyN 2	NE 2	9	4	1.7	60.07	58.32	25.1	29.8	88	69	WNW 1	E 2	8	5	------
21	58.47	57.22	26	28.7	81	74	W 1	NNE 1	8	6	------	59.51	58.54	25.6	29.7	93	71	NNW 2	SSE 2	10	10	------
22	58.07	56.82	26.6	29.8	84	73	NWbyN 2	NE 1	9	8	1.5	59.30	58.39	24.6	31.1	81	69	WSW 1	SSE 3	3	5	4.6
23	57.36	56.26	25.4	28.6	90	74	NNW 1	E 2	9	9	1	59.96	58.25	24	30.3	90	72	W 1	SSE 3	4	5	------
24	56.92	56.40	25.5	28.4	88	79	NW 1	ENE 2	5	9	13.2	59.77	59.43	24.4	27.3	88	75	Calm	SSE 4	8	10	------
25	58.66	58.32	24.7	29.9	94	70	Calm	S 1	7	9	1	59.71	58.91	24.3	28.7	83	73	WNW 1	E 2	6	5	1.5
26	58.77	58.30	25.5	28.8	88	78	Calm	NE 1	10	9	3.5	59.01	57.73	27	28.6	78	75	ENE 3	ENE 2	5	3	7.9
27	59.37	57.82	25.2	28.3	88	80	NWbyW 1	NE 1	7	8	15	58.74	57.75	25.1	29.2	91	77	WSW 1	ENE 2	9	5	5.6
28	58.12	57.35	25	29.1	92	74	NWbyN 1	NNE 1	7	7	------	59.70	58.01	25.4	29.3	95	72	S 2	ESE 1	9	7	24.4
29	57.86	57.09	24.8	29.5	88	71	NW 2	ENE 2	8	8	------	60.36	58.81	24.2	29.2	93	74	SW 1	NE 1	9	4	5.6
30	58.37	57.70	27.3	29.3	76	74	NE 2	NE 2	9	6	------	58.86	56.75	25.3	31.1	88	66	W 1	E 1	7	7	2.9
31	58.35	57.19	26.5	30	79	71	N 2	NE 2	8	7	.3	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	58.07	57.04	25.4	29.4	85.4	72.6	1	1.8	6.7	6.8	------	58.72	57.58	25.1	29.1	88.1	73.9	1.2	1.7	7.8	7	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	75	-----	-----	-----	-----	-----	-----	------	------	-----	-----	197.4

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.44	57.26	24.9	30	94	73	WNW 1	S 2	7	7	------	56.79	56.50	24.8	28.6	83	73	WSW 1	NNE 2	7	8	------
2	58.94	58.24	25.2	29	85	76	WNW 1	SE 1	7	9	------	57.04	56.62	24.7	32.2	87	55	N 1	E 1	10	7	------
3	58.54	57.86	24.9	29.5	86	72	W 2	E 2	9	5	3.8	58.19	56.47	22.6	31.7	89	66	W 1	S 3	6	6	------
4	58.02	56.96	24.8	29	94	74	WSW 1	NE 1	10	9	1.3	57.98	56.54	24.2	32.3	85	62	W 1	SSW 3	6	4	------
5	57.33	56.93	24.7	27.2	95	83	W 1	NE 2	8	9	33.8	57.66	57.01	23.9	27.3	90	81	WNW 1	N 3	5	9	------
6	57.23	57.39	23.4	29	93	74	Calm	S 4	9	9	.8	57.67	56.90	24.8	29.5	83	65	N 2	E 2	9	9	1
7	58.21	57.15	23.4	30.3	90	66	W 1	SSE 3	5	5	------	58.21	57.14	24.7	30.4	86	67	NNW 2	NNE 1	10	6	------
8	58.27	56.75	24	29.9	88	72	WSW 2	S 2	6	7	------	58.27	57.06	24.5	30.4	89	67	W 1	NNE 2	4	6	------
9	58.44	56.80	26.1	29.8	80	69	NNE 2	NNE 2	10	9	------	58.78	57.72	25.4	28.5	88	77	Calm	SEbyS 3	8	7	------
10	57.59	57.56	25.5	25.3	86	80	NW 2	NW 5	10	9	------	58.59	57.21	23.8	30.6	85	68	WbyN 1	SSE 2	9	7	------
11	57.98	57.25	24.5	26.6	83	86	W 1	NNE 6	8	9	8.1	57.72	56.15	24.5	31.4	83	63	Calm	SEbyS 2	9	4	------
12	58.14	57.34	23.2	30.1	87	69	W 1	SSE 2	7	9	.8	57.37	55.72	23.4	29	83	81	W 1	SE 3	7	8	------
13	58.37	56.96	23.6	30.1	91	69	Calm	SSE 2	10	10	------	56.81	56.02	25	28.4	84	76	SSE 1	NE 2	10	9	------
14	55.54	54.71	25.1	28	87	86	W 1	SSE 1	10	10	31.5	56.79	55.77	23.1	30.2	90	68	WbyN 1	SE 1	8	9	------
15	54.21	53.63	24.3	25.4	89	92	Calm	N 2	10	10	28.6	55.69	54.96	25.6	25	85	88	WSW 1	SSW 2	8	10	1.6
16	55.02	54.85	25.1	28.6	88	71	SW 3	SSW 4	10	10	3.7	56.10	56.04	24.2	32.7	90	50	Calm	S 4	10	6	.5
17	57.08	56.54	25	29.4	85	70	SSW 3	S 2	10	10	------	58.37	57.89	23.3	29	86	74	Calm	NE 1	10	6	9.4
18	57.22	56.53	27.6	31	81	58	SSW 4	SSW 4	9	8	------	59.06	57.50	24	28	93	77	N 2	NE 2	10	7	69.6
19	56.82	55.82	26	32.3	81	54	W 1	S 3	3	4	------	57.06	56.30	23.2	28.5	95	71	N 1	S 2	10	9	1.4
20	57.83	56.33	23.5	32.5	86	53	WNW 1	SWbyS 3	6	4	------	57.14	56.20	24	27.8	91	79	SW 1	N 2	8	9	------
21	57.64	56.40	23.9	33	86	49	WSW 1	NE 2	4	6	1	57.72	56.14	24	29.5	92	65	Calm	NNE 2	9	7	5.6
22	57.37	55.80	24.5	28	92	79	WNW 1	NE 2	10	9	14.9	57.84	56.26	24	29.5	96	72	Calm	S 2	10	9	4.3
23	55.98	55.21	24.9	26.6	83	81	Calm	NNE 1	10	10	3.9	57.17	56.21	24.5	29	87	71	WNW 1	NNE 2	8	7	------
24	55.72	56.01	26.5	27.4	81	68	SW 2	NNE 2	10	9	2.8	58.04	56.73	24.1	30.7	91	70	NW 1	S 2	9	10	------
25	57.40	55.95	23.2	31.1	90	56	WSW 1	SSW 3	8	8	------	58.88	58.41	24.5	30.9	87	61	Calm	E 2	10	8	2
26	57.68	56.79	23.9	30	89	72	Calm	SSE 1	9	10	------	59.06	57.40	26	31.6	75	52	Calm	ENE 1	9	9	.5
27	56.92	56.47	25.1	26.3	88	86	Calm	SSW 3	10	10	12.7	56.66	55.82	24.9	27.8	93	73	Calm	S 1	9	10	20.2
28	55.92	55.69	24.5	26.5	80	77	SW 2	NNE 2	10	10	6.3	56.19	55.79	23.5	26.1	94	81	Calm	SSE 1	9	10	12.5
29	55.29	55.05	25.8	29.8	84	65	SWbyS 4	SSW 4	10	9	------	57.60	58.12	24.4	26.7	90	77	SSW 1	S 1	10	10	6.3
30	56.67	56.73	27.5	30.9	74	67	SSW 4	SWbyS 3	10	8	------	58.50	57.46	22.8	29.1	93	71	Calm	S 3	8	9	3
31	57.78	56.50	23.7	32.7	91	52	N 1	S 3	7	6	------	58.05	57.05	23.5	28.4	94	69	WSW 1	Calm	6	10	2.8
Mean	57.21	56.43	24.8	29.2	86.7	70.9	1.4	2.5	8.5	8.3	------	57.65	56.68	24.2	29.4	88.3	70	0.7	1.9	8.4	7.9	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	154	-----	-----	-----	-----	-----	-----	------	------	-----	-----	140.7

DUMAGUETE.

[φ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.23	55.07	26.8?	26.6	65?	86	NWbyW 2	NNE 3	9	10	15.7	58.39	57.24	23.9	30.1	84	73	WbyS 1	SSE 2	4	6	------
2	54.77	54.42	23.5	25	96	88	Calm	NE 2	10	10	25.6	58.34	56.70	23.1	29.7	88	72	W 1	S 3	3	8	------
3	55.25	54.82	25.3	26.1	76	79	SW 5	NW 2	10	10	3.8	58.55	56.95	24.1	29.1	84	70	Calm	NW 1	4	8	------
4	56.36	55.14	26.5	31.1	75	56	SSW 3	SW 6	7	7	2	59.20	57.47	23.3	28.4	90	79	W 1	NE 2	8	6	------
5	58.26	57.04	26.7	32	77	50	S 3	S 3	6	3	------	58.59	57.07	22.8	29.6	87	69	Calm	SSE 2	4	8	------
6	58.94	57.55	23.5	29.1	80	78	W 1	S 2	2	8	------	58.54	56.46	23.1	27	89	87	W 1	NW 3	5	8	3.8
7	58.65	57.10	23.4	30.4	79	70	W 1	S 3	4	6	------	58.89	57.26	23.4	31.1	86	66	W 1	SE 2	4	6	5.8
8	58.63	57.14	22.7	30.3	87	74	WbyN 1	SE 1	4	6	------	58.88	57.20	22.5	30.4	89	64	swbyw 1	SEbyE 1	4	8	------
9	58.24	56.34	24.1	30.3	91	71	WNW 1	SSW 3	7	9	5.6	57.45	55.52	23.8	28.2	85	81	WNW 1	S 2	7	8	3.3
10	56.88	55.39	24.7	30.7	87	65	S 2	S 2	10	7	------	56.60	55.23	24.1	27.7	93	81	SE 1	S 1	8	9	7.9
11	56.04	55.80	26	30.9	79	60	S 1	S 2	6	8	------	55.27	54.40	24.8	26.2	93	87	S 1	S 2	10	10	50.6
12	58.67	57.22	23.4	30	85	73	Calm	SSE 2	4	4	------	55.47	54.71	24.9	24.9	98	89	S 1	S 2	10	10	69.1
13	59.09	58.25	24.5	31	85	65	WSW 1	S 1	4	6	------	55.46	54.18	27.2	29.4	71	61	SW 4	SW 6	10	10	2.5
14	59.36	58.31	25	28.7	83	78	Calm	S 2	9	8	7.9	55.91	54.48	27.4	28.8	70	65	SSE 2	SW 4	9	10	1
15	58.72	57.34	24.1	29.4	87	72	SW 1	E 2	8	9	------	56.34	56.67	25.7	30.2	81	58	SSW 4	WNW 1	9	10	2.8
16	58.64	56.91	23.1	30.4	90	70	WSW 1	SSE 1	7	8	------	58.78	58.36	23.5	27.6	96	73	Calm	ENE 2	9	9	2.5
17	58.68	57.80	23.5	30.4	84	71	W 1	S 2	4	6	------	59.34	58.59	23.7	25.4	94	89	Calm	NNW 1	9	10	4.5
18	59.35	57.96	23.4	29	81	68	Calm	SSE 2	5	9	------	60.26	58.44	22.8	29.6	95	73	Calm	S 2	5	5	1.5
19	59.47	57.78	23.8	28.7	86	73	WSW 1	SSE 2	9	6	------	60.14	58.50	23.7	28.8	96	72	WbyN 1	ENE 1	10	6	------
20	59.02	57.45	25.2	29	84	72	NW 2	S 2	9	10	4.6	59.99	58.60	24	29	91	71	Calm	SE 2	10	8	8.1
21	57.95	57.43	23.2	25.1	91	89	Calm	Calm	9	10	1.5	59.81	58.50	24.2	27.5	88	75	NE 1	Calm	8	8	------
22	58.70	57.80	24.5	29.1	87	69	SSE 2	N 1	7	9	5.1	59.38	57.51	24	29.3	88	76	W 1	SSE 2	8	7	------
23	60.03	58.30	23.8	28.8	87	79	Calm	EbyS 2	10	10	------	58.80	57.45	22.5	30.7	90	61	WNW 1	SSW 2	6	6	------
24	59.28	57.59	24	28.8	86	75	WNW 1	SE 2	10	7	------	58.77	58.31	23.6	29.1	91	72	NW 1	N 3	6	9	------
25	58.79	57.37	25.6	29.4	82	70	NWbyN 2	EbyN 2	8	6	19.8	60.21	59.40	24.4	26.7	90	86	W 1	NEbyE 3	6	9	------
26	58.69	57.39	24.5	29	96	71	W 1	ENE 1	9	4	14.1	59.63	58.07	24.9	27.8	83	79	NW 2	N 2	8	8	.8
27	59.44	57.97	24.1	28.7	91	77	W 1	S 2	6	4	------	59.19	58.10	24.2	28.6	84	72	NNW 2	NNE 2	6	6	------
28	58.78	57.54	24.9	29.9	87	64	N 1	NE 1	7	6	.8	59.77	58.51	24.7	28	88	76	W 1	N 2	8	7	5.7
29	59.04	57.85	26.1	29.2	87	70	Calm	N 2	10	7	3.6	59.83	58.38	24.8	28	91	77	NW 2	NE 2	7	5	------
30	58.37	57.03	23.4	30.6	87	66	WNW 1	S 3	6	5	------	59.73	58.16	25.5	28.7	84	76	N 2	NE 2	6	5	27.4
31	------	------	------	------	------	------	------	------	------	------	------	58.80	58.25	23.6	28	97	78	NW 2	NE 2	10	8	29.7
Mean	58.24	57.04	24.4	29.3	84.6	71.6	1.2	2	7.2	7.3	------	58.53	57.25	24.1	28.5	88.2	74.5	1.2	2.1	7.1	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	110.1	------	------	------	------	------	------	------	------	------	------	227

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.90	58.08	23.5	28.3	96	74	WbyN 1	NE 2	6	5	------	59.58	58.46	24.5	29.2	92	61	NNW 2	N 3	9	8	------
2	59.32	58.40	25.1	27.6	92	84	W 1	NNE 3	7	8	1	59.70	58.99	23	29.1	89	62	WNW 1	N 3	5	7	------
3	59.65	58.10	26.7	28.7	84	75	NNE 2	NE 2	7	4	------	60.48	60.05	26.2	27.4	84	77	NE 3	NE 3	7	8	------
4	59.27	58.14	25	28.7	88	73	WNW 1	NNE 2	7	7	16.3	61.16	60.41	24	26.8	81	83	WNW 2	N 3	9	10	1.9
5	59.28	58.40	24.4	28.3	95	82	WNW 1	N 2	10	9	5.9	60.82	59.91	24.6	27.6	83	73	NW 2	NE 5	8	7	------
6	59.40	57.92	24.9	27.6	89	83	W 1	NNE 2	7	8	------	60.81	59.69	26	27.8	78	73	N 3	NE 4	9	9	.8
7	59.13	58.51	26.7	28.4	82	77	N 3	NE 2	7	7	------	59.71	59.08	26.6	26.4	81	86	NNE 4	NE 6	8	10	10.7
8	59.60	58.51	26.7	28.6	83	83	W 1	NNE 3	10	10	13.5	59.35	58.17	24.6	27.8	82	80	NW 2	NE 3	8	6	2.6
9	59.70	58.30	27.3	28.4	80	73	NE 4	NE 4	9	9	.5	59.18	58.27	26	28.6	85	64	NNE 3	NE 3	5	8	------
10	58.80	57.85	25	28.6	87	80	W 1	N 3	6	9	2.5	59.54	58.62	26.6	28.9	80	66	NNE 3	NNE 2	5	5	------
11	58.92	58	24	29.3	90	72	WNW 2	N 2	6	6	------	59.29	58.22	26.8	28.2	79	74	NNE 3	NE 2	7	5	------
12	59.66	59.09	24.7	26.6	89	80	W 1	E 3	5	9	1	59.02	57.45	26.9	29.6	80	70	NNE 2	N 2	8	5	------
13	59.87	58.55	24.4	29	86	62	NNE 2	N 3	6	6	------	58.46	57.74	26	29.2	81	72	WNW 2	NNE 1	6	7	1.3
14	59.62	58.77	24	27.8	74	62	N 2	NNE 3	4	7	------	57.56	57.48	25.6	27.6	87	79	NNE 2	NE 3	7	8	3.3
15	59.86	59.47	24.3	27.7	78	68	NW 2	NNE 2	7	4	3.1	58.14	57.46	26.9	27.3	81	84	NE 2	NE 2	9	7	------
16	61.02	59.55	23.6	28.8	88	67	N 2	N 2	3	3	4.3	59.46	58.11	26.7	29.1	83	71	N 2	N 2	9	8	2.8
17	60.51	59.05	23.4	28.2	91	73	W 1	N 2	3	4	5.1	59.37	58.07	24.5	29.2	92	71	WNW 2	NNE 3	4	6	------
18	61.47	59.71	23.1	28.6	94	72	Calm	N 2	4	4	3.3	59.95	58.71	24.7	28.4	92	73	N 2	N 2	6	3	------
19	60.55	60.05	25.2	28	87	76	N 2	ENE 4	7	9	------	59.90	59.02	25.4	27.5	90	78	NNW 2	NNE 2	9	5	------
20	60.92	60	25	27.9	86	71	NW 2	NNE 2	6	6	------	61.05	59.97	25.2	25.6	83	87	NNE 2	NNE 2	9	9	7.6
21	60.32	58.97	25	28.5	88	75	N 2	N 2	7	4	------	60.16	59.06	23.8	26.7	91	80	Calm	NNE 3	10	10	2.5
22	59.12	58.59	24.4	27.8	91	79	Calm	NNE 2	3	9	2.8	58.82	57.53	24.8	29	93	73	N 1	N 3	9	7	5.1
23	60.16	59.55	24.3	28.7	83	70	NW 2	N 2	4	6	------	58.72	58.12	24.6	28.1	93	75	NW 2	N 3	9	7	------
24	60.86	59.60	24.1	28.9	81	69	NbyW 1	N 3	6	3	1.5	58.90	57.49	24.8	29.8	87	60	WNW 2	N 2	8	6	13.5
25	60.82	59.26	23.3	29.1	95	64	N 1	N 3	10	6	.8	58.55	58.09	23	29	92	73	W 1	S 2	5	6	------
26	59.17	57.64	23.4	28.9	88	67	Calm	N 3	7	5	------	59.03	58.46	23.7	28.5	91	76	W 1	SW 1	8	9	.5
27	57.55	57.16	22.8	29.5	76	66	W 1	ESE 2	5	3	------	58.86	58.02	23.5	28	91	79	WSW 1	E 2	8	6	3.6
28	58.75	57.54	23	28.4	84	73	WbyN 1	NNE 2	4	2	------	59.43	58.40	24.5	28	89	77	NW 2	NNE 2	10	7	------
29	59.14	57.60	22.8	28.4	89	72	NW 1	ENE 2	4	2	------	60.40	59.21	25.3	27.4	84	80	NW 3	N 2	10	7	------
30	58.94	58.27	24.1	28.8	91	76	WbyN 1	E 1	7	7	3	61.40	61.22	25.5	27.9	93	77	W 1	N 2	8	7	------
31	------	------	------	------	------	------	------	------	------	------	------	62.33	61.45	25.5	27.4	86	78	NNW 1	NE 4	7	7	------
Mean	59.68	58.62	24.5	28.4	86.8	73.3	1.4	2.4	6.1	6	------	59.65	58.74	25.2	28.1	86.2	74.6	2	2.6	7.7	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	64.6	------	------	------	------	------	------	------	------	------	------	56.2

YAP (WESTERN CAROLINES).

[φ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

JANUARY.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.27	57.14	25.9	29	80	67	NE 3	NE 4	5	8	1.5
2	57.71	57.19	24.2	25.9	94	84	NE 2	ENE 4	10	10	2.8
3	57.99	57.09	26.2	28.5	87	74	NNE 2	NE 4	10	10	------
4	58.49	57.85	26	28.3	83	72	NNE 2	ENE 3	8	5	1.3
5	57.93	56.71	24.8	28.3	93	75	NNE 2	ENE 3	10	9	8.2
6	57.23	56.52	25.5	28	90	70	NE 2	NE 2	10	8	4.6
7	56.73	56.44	25.8	25.5	92	87	NE 2	NNE 2	10	10	3
8	57.98	57.68	------	------	------	------	------	------	------	------	------
9	58.18	57.78	------	------	------	------	------	------	------	------	1.3
10	57.78	56.81	25.4	28.5	84	75	Calm	ENE 1	0	3	------
11	58.26	57.65	24.8	28.9	88	69	Calm	NE 2	5	8	------
12	58.48	58.04	25.3	28.8	70	62	NNE 3	NE 4	2	9	------
13	59.21	58.21	25.7	28.8	69	60	NE 3	ENE 4	10	8	------
14	58.81	58.24	26.2	29.1	72	64	NE 3	NE 3	8	5	------
15	59.89	58.60	25.8	29	76	59	NE 2	NE 2	9	9	------
16	60.06	58.34	25.4	29.3	80	65	Calm	ENE 2	9	9	.3
17	59.78	58.10	24.3	29.7	85	60	Calm	NE 1	9	8	------
18	59.25	57.89	24.2	29.6	82	61	Calm	NE 2	10	10	------
19	59.20	58.60	24	29.7	84	60	Calm	NE 3	4	9	2.3
20	59.82	59.01	26	28	77	71	NNE 2	NE 4	10	10	2.3
21	60.14	59.70	26.3	26.9	77	71	NE 4	NE 4	10	10	4.8
22	60.04	59.16	25.5	27.5	72	67	NE 3	NE 2	7	8	------
23	59.78	58.37	25.1	28.5	78	64	NE 2	NNE 2	10	10	.8
24	59.38	58.51	25.5	29	74	59	NE 2	NE 2	10	10	------
25	60.03	58.71	25.6	29.5	79	63	NNE 2	NNE 2	8	9	------
26	59.71	59.39	25.5	28.3	79	68	NNE 1	N 1	10	9	------
27	60.07	58.96	25	28.5	76	73	NNE 1	NNE 3	9	6	------
28	59.83	59.75	25.5	28.4	71	64	NE 3	NE 3	5	8	1.5
29	60.31	59.14	23.7	28.1	94	69	NE 3	NNE 4	10	9	1.3
30	60.18	59.19	25.2	28	79	70	NE 3	NE 4	4	9	.3
31	59.73	59.21	26.1	27.7	72	66	NNE 4	NNE 4	9	9	1
Mean	59.04	58.19	25.3	28.4	80.6	67.9	1.9	2.8	8	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	[b]37.3

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.37	58.88	25	28	83	68	NNE 4	NNE 4	10	9	------
2	59.71	59.01	25.6	28	70	61	NNE 4	NNE 4	7	10	------
3	58.84	58.01	26	28	76	63	ENE 4	NE 4	10	7	------
4	59.18	58.45	25.5	29.5	68	57	NE 3	ENE 2	7	2	2.5
5	60.01	58.82	24	28	96	77	ENE 3	NE 3	10	4	------
6	60.06	58.81	25.2	28	83	74	NE 2	NE 4	6	7	------
7	59.76	58.76	25.7	28.1	75	67	NNE 1	NE 2	10	10	------
8	59.63	58.32	24	27.7	75	66	N 1	NNE 4	3	9	------
9	59.53	58.48	25.1	28.8	74	46	NNE 2	NNE 2	6	2	------
10	59.49	58.71	25.1	29.5	70	61	NNE 2	NE 2	8	9	------
11	60.19	59.16	25.2	28.9	74	58	ENE 2	NE 2	9	9	------
12	60.58	59.83	23.9	27.1	91	75	Calm	NNE 1	7	10	.3
13	60.50	59.24	25	28.6	79	62	NE 2	NNE 3	8	8	6.9
14	61.10	60.38	24	26	95	88	ENE 2	NNE 1	10	10	18.8
15	61.77	59.98	23.5	24.6	98	95	NE 2	NNE 4	10	10	18.3
16	61.43	59.88	24.9	27	86	80	NNE 1	NNE 2	10	10	29.8
17	60.23	58.73	24.7	27	91	80	N 1	NNE 2	10	10	------
18	58.81	56.96	25.6	28.5	78	70	NE 3	ENE 4	9	9	------
19	58.63	58.60	26	30	76	67	NE 4	ENE 3	10	7	.5
20	58.21	57.77	24.5	28	96	77	NE 3	NE 3	10	5	1.5
21	58.44	57.24	25	28.1	83	77	N 1	NE 4	7	8	1
22	57.86	56.77	25.9	29	76	67	NNE 3	NE 4	7	4	.3
23	58.06	57.47	25.5	28.5	71	66	NE 3	ENE 2	6	6	------
24	58.46	57.96	25.4	29.6	80	63	ENE 2	ENE 2	9	4	------
25	58.64	58.26	25.8	29	84	74	ENE 1	ENE 2	3	3	3.3
26	58.01	57.29	25.4	28	84	70	ENE 2	NE 2	5	8	------
27	57.85	57.34	23.8	29.1	86	60	Calm	NE 2	2	6	------
28	58.28	57.36	24	28.9	82	62	N 1	N 1	2	9	1
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.38	58.45	25	28.2	81.4	69	2.1	2.7	7.5	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	84.2

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.57	58.11	25.4	28.9	80	65	NNE 2	NNE 2	10	7	0.3
2	58.99	57.71	25.6	28.8	81	64	NE 2	NNE 2	9	6	------
3	58.02	57.31	25.5	28.7	79	65	NNE 2	NE 3	7	8	------
4	58.38	57.30	25.6	28.4	78	64	NE 2	NE 3	8	8	------
5	57.63	57.32	25.9	29.1	79	67	NE 2	ENE 2	8	7	1
6	57.61	56.99	25.6	28.7	82	72	NE 2	NE 3	10	10	------
7	57.36	56.65	26	28.5	81	67	NE 3	NNE 3	10	6	------
8	56.38	55.36	25.5	29.8	76	65	NE 1	NE 2	8	7	1.5
9	56.82	56.20	25.4	29	76	65	NE 3	ENE 2	10	9	------
10	57.96	58.02	25.8	27.4	77	75	NE 2	ENE 2	10	10	8.4
11	58.66	58.01	24.9	27	92	87	Calm	N 1	10	10	13.7
12	58.52	57.69	26	30.6	88	71	NE 1	ENE 2	10	9	3.3
13	58.54	57.87	24.5	28.1	87	72	Calm	NNE 2	4	7	------
14	58.64	58.29	24.1	28.4	85	66	Calm	NE 1	1	6	------
15	59.11	58.01	22.5	28.6	81	68	Calm	NNE 3	1	8	------
16	58.01	57.29	25.1	28.5	82	67	NNE 2	ENE 3	8	8	------
17	58.41	57.72	25.5	25.4	79	91	NNE 1	NNE 2	9	10	5.6
18	58.83	57.66	25	29	80	62	NNE 1	NE 3	6	8	.8
19	58.33	57.50	25.1	28.5	78	66	NNE 1	NNE 4	1	9	------
20	57.43	58.01	25.5	29.8	83	65	NE 3	NE 3	10	8	.3
21	58.36	57.40	25.8	29.7	71	61	NE 3	ENE 3	7	2	------
22	57.48	57.19	25.5	30.6	80	59	NE 2	NE 2	8	5	------
23	57.66	58.39	25.5	29.2	76	60	ENE 2	ENE 2	8	4	.3
24	58.34	57.82	25.7	30.1	81	60	NE 2	NE 4	7	2	.3
25	58.19	58.64	25.5	29.5	74	63	NE 3	NE 3	6	5	------
26	58.66	58.46	25.1	30.5	78	62	NNE 2	ENE 3	1	8	------
27	59.43	58.32	26	29.5	75	58	NE 3	NE 4	6	7	------
28	59.56	58.75	25.5	29.4	80	62	NNE 2	NE 4	7	6	------
29	59.43	58.17	25.1	28	87	74	Calm	NE 3	7	10	11.9
30	58.83	57.72	25.8	28.1	82	72	NNE 3	NE 4	7	8	------
31	58.82	57.91	26	29.2	79	69	NE 3	N 3	8	9	.5
Mean	58.29	57.67	25.4	28.9	80.2	67.2	1.8	2.7	7.2	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	47.9

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.52	57.09	26	28.9	80	66	NE 3	NE 3	6	8	------
2	57.87	56.79	26.2	29	75	64	NE 3	NNE 4	4	6	------
3	57.82	56.76	26	28.1	78	67	NNE 2	ENE 3	1	6	------
4	58.33	57.36	26	29.5	80	63	NE 2	NE 2	4	5	------
5	58.51	56.79	25.5	30	83	62	NNE 2	NNE 2	10	6	------
6	58.11	58.04	25.4	25.1	80	87	N 1	N 1	7	8	4.6
7	57.54	56.99	24.5	28.6	95	72	N 1	ENE 1	10	10	------
8	57.82	57.56	25.6	31.5	88	63	Calm	ESE 1	3	5	------
9	58.41	57.49	26	30.1	90	68	NE 2	ENE 3	8	8	58.2
10	58.62	57.78	25.2	29.6	94	74	Calm	E 2	10	10	9.9
11	59.18	58.59	24.1	29.1	95	76	Calm	Calm	10	10	44.2
12	59.81	58.49	25.9	29.2	84	64	NE 2	NE 2	8	2	.3
13	60.81	60.19	25.5	29	83	70	Calm	NE 2	9	6	10.4
14	60.68	59.45	25.5	29.5	88	71	NNE 1	ENE 2	10	5	4.9
15	59.83	58.14	26.5	29.5	80	70	ENE 2	NE 4	4	8	3.6
16	58.90	57.91	26.1	27.5	82	81	NE 2	ENE 3	6	9	2.3
17	59.05	58.25	26	29	83	71	NE 2	NE 3	7	6	3.3
18	59.23	58.34	24.5	29.8	87	66	Calm	ENE 2	2	5	1
19	58.73	58.09	26	29	85	74	NNE 1	NE 3	4	9	11.7
20	59.23	57.95	25.6	29.5	88	70	ENE 4	ENE 2	7	7	------
21	59.26	57.85	25.6	28.7	89	75	NNE 1	ENE 4	2	9	10.4
22	59.13	58.06	25.6	29.5	87	70	NE 3	NE 2	8	9	.5
23	57.97	56.80	25.5	29	81	71	NE 2	NE 3	5	8	------
24	57.02	56	26.9	29.4	81	72	NE 3	NE 3	9	9	.3
25	57.28	55.81	26.8	29.5	79	68	NE 3	NE 3	9	6	------
26	56.56	56.16	26.5	30	82	69	NE 2	NNE 3	4	7	24.6
27	56.25	56.18	25.2	26.5	95	86	NE 3	ENE 4	10	10	12.7
28	56.74	55.67	26	29.5	88	72	NE 2	ENE 2	10	10	.5
29	57.09	56.24	25.5	25.7	92	90	ENE 2	NNE 1	10	10	10.7
30	56.76	55.66	24.1	27.2	95	87	Calm	Calm	10	10	13.4
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.37	57.42	25.7	28.9	85.6	72	1.7	2.3	6.9	7.6	------
Total	------	------	------	------	------	------	------	------	------	------	227.5

[a] The barometric readings from January 8 to 9 were taken from a self-registering apparatus.

[b] 30 days of observation.

YAP (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.78	56.38	25.3	25	89	96	NNE 1	SSE 1	10	10	21.1	57.53	56.48	26.8	30.3	86	73	E 2	ENE 2	9	8	1.1
2	57.57	-----	24.7	-----	96	-----	Calm	-----	10	-----	3.3	57.42	56.80	27.5	25.8	81	85	ENE 2	ENE 2	10	10	9.6
3	58.55	57.32	24	29.1	96	78	Calm	Calm	10	10	3.3	57.87	56.81	25.5	29.5	92	75	ESE 3	NE 2	10	9	5.6
4	57.98	56.81	25.9	29.5	91	75	NNE 1	ENE 3	4	6	6.1	57.51	56.01	27	30.2	84	70	NE 2	NE 2	10	10	-----
5	57.48	57.30	25.3	28.7	93	80	NE 2	Calm	9	10	10.1	56.93	56.90	26	29	92	75	Calm	Calm	10	10	21.1
6	58.21	57.49	24.5	28.4	91	76	Calm	ENE 2	10	9	.8	57.52	56.35	25.5	29.7	92	74	Calm	NE 2	10	6	1.1
7	58.96	57.75	26.6	28.2	83	84	NE 2	Calm	7	6	2.8	57.56	56.33	25.5	29.3	91	73	Calm	NNE 2	8	10	-----
8	59.03	58.13	26.6	30.1	87	69	Calm	Calm	9	7	-----	57.43	56.89	26.5	29.9	88	71	Calm	Calm	7	5	-----
9	58.90	57.34	25.5	31	91	72	Calm	Calm	3	6	.8	57.91	57.24	26	29.9	96	66	Calm	NE 2	8	10	12.9
10	59.13	58.55	26	31.2	91	68	Calm	NE 1	7	5	3	58.16	57.67	26.5	27.3	89	80	NE 2	ESE 1	6	10	7.7
11	58.72	58.90	25.5	30	92	75	Calm	NE 2	4	4	.6	58.58	58.06	26.3	30.5	86	68	NNE 1	NE 2	6	8	.5
12	60.95	60.25	25.4	29.7	87	67	NNE 1	NE 2	2	6	-----	58.75	57.76	25.7	29.9	87	72	N 1	NE 2	8	6	-----
13	59.72	58.70	26.7	31.1	86	68	NNE 1	ENE 2	4	9	-----	58.66	58.36	26	30.1	91	74	Calm	NE 2	5	8	2.8
14	59.03	57.65	25.6	30.6	89	68	Calm	NE 1	8	8	-----	59.23	59.35	26.8	28.6	86	77	ENE 1	Calm	10	10	6.1
15	58.56	57.83	25.4	31.4	89	66	Calm	NNE 2	3	4	.3	59.61	58.34	27.1	31.3	83	68	NE 2	Calm	8	8	-----
16	59.82	58.58	25.9	31.5	93	68	Calm	NE 1	10	9	.5	58.73	58.66	25.9	31.3	88	62	Calm	ENE 1	7	9	-----
17	59.93	59.34	25	30.4	88	65	Calm	NE 1	7	4	7.1	59.47	58.68	25	31	92	65	Calm	Calm	7	4	-----
18	59.57	58.72	25.3	29.6	89	67	Calm	ENE 2	10	7	1.8	59.69	58.36	25.5	30.7	88	65	Calm	NNE 1	2	7	-----
19	59.43	58.27	25.3	28.4	90	70	NNE 1	NE 2	10	10	5.6	59.44	58.96	27.1	31.1	80	65	ENE 1	Calm	8	8	-----
20	58.89	58.30	25.2	31	85	59	Calm	NE 2	5	9	2	59.83	59.55	26.6	31.8	83	65	Calm	Calm	7	5	-----
21	58.33	57.29	26	30.3	88	64	NNE 2	NE 2	4	1	1.8	60.16	59	25.6	31.1	87	62	Calm	SSE 1	2	2	-----
22	58.53	57.41	26.9	30.7	81	67	ENE 2	NNE 2	5	2	-----	60.04	58.79	25.6	30.9	89	60	Calm	NNE 1	2	8	-----
23	58.30	56.70	25.2	29.3	85	74	Calm	NE 2	10	10	-----	59.41	58.06	26.9	30.6	85	68	Calm	NNE 2	7	10	5.1
24	57.76	56.68	26.2	30	90	71	NNE 1	NE 2	9	9	13.7	59.87	58.95	24.5	30.2	95	74	Calm	NE 1	10	10	2.1
25	58.88	58.15	25.5	30	92	73	Calm	Calm	8	9	7.4	59.72	58.78	25	31.2	92	64	Calm	Calm	10	9	.3
26	59.31	58.61	25.5	29.8	93	71	NE 1	NE 2	9	9	.3	59.21	57.64	26	31	88	65	Calm	Calm	7	7	.3
27	59.13	57.99	24.9	28.4	92	77	Calm	NE 1	5	9	1.5	59.34	58.21	27	30.5	84	68	Calm	Calm	10	7	4.6
28	58.32	57.28	26.5	30.5	86	65	NE 2	NE 2	3	4	1.5	60.02	59.26	25.5	30.7	95	73	Calm	NE 2	4	9	6.9
29	58.27	56.93	26.5	30.1	88	69	Calm	NE 2	2	8	.6	60.28	59.46	27	31	79	65	ENE 2	E 2	7	8	-----
30	58.31	57.13	26	29	93	75	Calm	NE 2	9	8	7.6	58.90	57.41	26.6	31	83	65	Calm	ENE 2	7	5	.5
31	58.45	56.97	26.6	28	86	85	NE 2	NE 1	10	10	3.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.74	57.82	25.7	29.7	89.4	72.1	0.6	1.4	7	7.3	-----	58.83	57.97	26.2	30.2	87.7	69.6	0.6	1.1	7.4	7.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	106.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	87.4

Day.	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.27	57.39	27.4	31.1	85	66	Calm	Calm	10	7	4.6	55.70	55.10	24	23.6	96	92	WSW 1	swbyw 2	10	10	27.7
2	58.62	58.98	26	24	93	96	Calm	Calm	10	10	30.2	56.13	55.58	25.8	26.1	85	87	SW 2	WSW 4	10	10	4
3	58.43	58.15	26.8	26	83	84	ENE 1	NNE 2	7	10	10.7	56.63	55.97	25.3	27.5	85	81	WSW 3	WSW 3	9	10	11.2
4	57.74	57.16	24.9	30	92	78	Calm	SW 2	10	9	36.1	56.75	56.50	25.2	28.2	94	80	WSW 2	swbyw 3	10	10	.5
5	57.94	57.64	24	30.5	96	71	Calm	SSE 1	3	10	14.7	57.33	57.24	26.5	27.8	87	79	swbyw 2	SW 3	10	10	3.6
6	58.74	58.14	24.1	30.6	98	68	Calm	Calm	10	8	1.8	58.26	57.57	25.1	29.5	90	78	Calm	SW 2	10	10	-----
7	58.18	57.08	25.5	29.5	93	74	N 1	Calm	8	7	-----	58.66	58.07	25.4	29.9	93	73	Calm	Calm	10	9	8.1
8	58.31	56.89	26.7	29	87	78	ENE 1	NE 1	10	10	1.3	58.62	57.73	25.6	30.5	93	72	Calm	Calm	9	8	.5
9	58.18	57.52	25.5	29.6	92	72	Calm	Calm	10	7	1.5	58.38	57.82	25.5	27.5	90	82	Calm	WSW 1	10	10	6.9
10	57.56	56.80	25	30.1	96	70	Calm	Calm	10	10	-----	58.28	57.24	23.8	29	94	78	Calm	Calm	8	10	.5
11	57.26	56.40	25.5	29.5	88	71	Calm	NE 2	9	8	9.9	56.78	54.26	26.6	25.6	84	91	Calm	NW 1	10	10	80.3
12	56.89	56.78	25.5	27.5	88	84	Calm	SSE 1	10	10	14.7	47.67	50.54	25.5	-----	93	-----	NW 4	SSW 6	10	10	90
13	58.26	57.77	24.6	27.9	92	82	SSE 1	SSW 1	10	10	20	55.99	56.08	-----	26.4	-----	86	Calm	S 3	10	10	5.9
14	58.23	56.28	24	29.5	91	78	Calm	Calm	10	10	-----	56.73	56.32	25.6	30	91	74	SW 1	WSW 1	10	9	-----
15	56.43	55.74	24.5	30.5	92	72	Calm	Calm	7	8	-----	57.57	56.89	25.9	28.9	91	73	Calm	WSW 1	10	10	35
16	57.47	56.34	25.7	29.5	90	74	Calm	NE 1	10	9	2	57.97	57.23	24.5	30.3	92	73	Calm	N 2	10	9	13.5
17	58.06	57.81	25.5	30	92	75	NW 1	N 1	10	8	1	57.63	56.54	25.6	30.4	95	76	Calm	ENE 1	10	9	1.5
18	58.43	56.96	26.8	30.9	83	66	Calm	Calm	10	7	22.4	57.29	56.89	25.9	28.3	88	85	Calm	Calm	10	10	14.5
19	58.12	57.20	24.3	31	93	72	Calm	Calm	10	7	-----	57.47	56.42	24.5	29	96	71	Calm	SW 3	10	9	.8
20	57.93	57.30	25.6	30.1	84	71	Calm	WSW 2	10	8	3.8	57.46	57.07	26	28.6	81	75	WSW 2	SW 2	10	9	.3
21	57.72	56.29	23.5	30.4	96	71	Calm	WSW 1	10	9	.8	57.44	56.49	25.4	36.3	88	78	SW 2	SW 1	10	10	7.9
22	57.03	56.42	26.1	26	84	92	Calm	SW 1	10	10	43.4	57.46	56.53	26	27.5	84	78	WSW 1	SW 2	10	9	.8
23	55.58	56.13	26	28	88	84	WNW 2	Calm	10	10	11.2	56.48	56.16	24.9	29.8	85	74	WSW 1	WSW 1	9	9	.5
24	56.39	56.68	24.6	24	96	95	Calm	NW 4	10	10	102.6	57.26	57.10	25.9	28.3	85	80	Calm	SW 1	10	10	24.1
25	56.21	55.87	23.6	24.6	97	95	WSW 4	WbyN 4	10	10	69.3	57.67	57.24	25.3	29.1	81	76	Calm	WSW 2	10	10	9.7
26	55.92	55.07	23.5	27.1	96	79	Calm	SW 3	10	10	5.8	57.47	55.47	24.2	27.9	94	82	Calm	SW 2	10	10	9.4
27	55.90	55.83	26	27.4	86	89	SSW 3	S 2	7	10	.8	55.23	54	25.4	29.2	93	78	Calm	Calm	10	10	17
28	57.06	56.77	25.2	29.9	90	70	Calm	WSW 1	8	7	.5	54 72	54.05	25	28.7	94	80	Calm	NE 1	9	9	39.1
29	58.17	57.54	25	30.4	92	72	Calm	W 1	10	7	.6	55.52	54.79	24	28.2	89	80	WSW 2	S 1	10	10	12.5
30	57.71	57.34	25.3	29	88	71	Calm	WSW 2	10	10	1.3	55.19	53.65	24.5	28.9	94	76	Calm	SW 2	10	8	.8
31	57.27	56.32	24.8	28.3	85	76	SW 3	WSW 2	10	10	17.6	54.08	52.57	23.7	24.5	97	88	Calm	WSW 2	10	10	15.5
Mean	57.55	56.92	25.2	28.8	90.5	77.3	0.5	1.1	9.3	8.9	-----	56.64	55.97	25.2	28.2	90.1	79.2	0.7	1.7	9.8	9.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	428.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	442.1

YAP (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, −1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	53	52.89	26	27.9	89	78	SSW 4	S 5	10	10	49.3
2	56.27	56.90	22.7	25.6	98	88	WSW 2	Calm	10	10	28.7
3	58.84	57.90	26	30.7	98	72	Calm	Calm	6	4	-----
4	59.73	57.98	26	30.3	92	71	Calm	NE 2	9	3	-----
5	59.13	58.77	26	24.6	88	91	Calm	NNW 2	10	10	20.1
6	58.24	56.89	25.5	31	92	66	NNE 1	NNE 1	10	10	-----
7	57.53	56.76	25.2	29.5	92	72	Calm	Calm	8	10	28.4
8	57.67	56.46	24.5	29.6	93	74	Calm	Calm	10	8	-----
9	57.42	56.31	24.9	29.2	90	74	Calm	WSW 2	6	9	2.3
10	56.68	55.82	-----	27.6	-----	86	Calm	WNW 1	10	10	23.1
11	57.12	56.29	25	27.9	94	82	Calm	WSW 2	10	10	1.3
12	57.08	56.49	25.9	28.1	88	85	Calm	SSW 1	10	10	5.6
13	57.62	57.35	25.1	30	95	75	Calm	WSW 1	2	5	.3
14	59.33	57.86	25.5	30.1	89	73	Calm	SW 2	3	8	-----
15	59.49	58.15	25.2	29.5	91	75	Calm	W 1	3	10	19.3
16	58.77	58.11	25.1	29.9	95	71	Calm	NNW 1	8	8	1.8
17	57.73	57.35	25.3	26.5	93	88	Calm	Calm	10	10	14.5
18	57.84	57.41	24.3	28.7	97	75	SSW 1	SW 2	10	10	13.8
19	57.48	56.63	25.6	25	87	93	Calm	WSW 1	10	10	34.3
20	56.18	55.26	24	27.1	96	83	WbyS 6	SW 4	10	10	7.9
21	56.47	56.43	26.2	27.5	83	81	SW 4	SW 3	10	10	9.9
22	58.83	58.14	25.9	30.1	91	77	WSW 1	WSW 1	10	9	-----
23	59.16	57.64	25	30.5	92	72	Calm	WSW 1	10	9	-----
24	58.58	57.43	25.3	31.3	89	68	Calm	Calm	9	5	2.5
25	59.02	57.75	24.1	28	95	71	Calm	Calm	10	10	9.9
26	58.34	57.11	25.1	27.5	91	81	Calm	Calm	10	10	10.5
27	57.94	56.52	24.7	27.8	94	79	Calm	W 1	10	9	7.4
28	57.55	56.30	24.4	25.5	97	93	Calm	W 1	10	10	27.1
29	56.68	56.08	25.7	26.1	86	93	W 3	W 3	10	10	44.9
30	56.53	55.42	25.7	28.7	91	77	WSW 2	SW 3	10	10	5.4
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.74	56.88	25.2	28.4	91.9	78.8	0.8	1.4	8.8	8.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	368.3

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.78	56.38	26.3	29.6	87	74	WSW 2	WSW 2	10	10	18.6
2	57.39	56.54	26.3	28.1	86	80	WSW 2	WbyS 2	10	10	4.9
3	58.57	57.80	26.4	27	87	88	WSW 2	WSW 1	10	10	1.5
4	58.57	58.29	26.3	23.9	86	93	Calm	Calm	10	10	48.3
5	57.24	56.64	25.1	23.5	90	96	WbyN 2	WbyN 2	10	10	32
6	57.55	55.78	23.6	29.5	96	71	WSW 2	W 1	10	8	7.9
7	57.48	56.51	24.5	29.8	94	76	Calm	SW 2	10	10	3.6
8	57.72	56.46	25.6	28.1	89	81	Calm	SW 2	10	10	31.5
9	56.81	55.22	24.9	29.1	94	76	Calm	WSW 3	10	9	36.8
10	57.67	55.38	24	25.8	92	85	WSW 1	W 3	10	10	2
11	56.25	55.80	25.1	24.2	95	90	Calm	SW 1	10	10	18.5
12	56.18	55.53	26	28.8	92	73	WSW 1	SSW 3	10	10	1
13	56.58	56.41	26.6	28.5	80	83	SSW 2	SW 3	10	10	-----
14	58.53	56.46	26.4	29.8	89	78	S 1	S 1	8	8	-----
15	58.82	57.63	26.5	31	88	75	S 1	SbyE 1	10	8	-----
16	60.06	59.21	26.3	30.5	90	75	Calm	NE 1	10	9	-----
17	59.38	58.36	25.5	31.2	92	66	Calm	Calm	10	7	-----
18	59.66	58.41	25.3	30.6	90	72	Calm	WNW 1	1	8	-----
19	59.03	57.36	25.6	30.4	91	72	Calm	NW 1	10	10	-----
20	58.22	56.66	25	29	92	65	NNW 1	Calm	10	10	12.4
21	58.19	57.73	24.2	24.2	98	98	Calm	SW 1	10	10	41.9
22	59.17	59.03	25.4	23.5	89	97	Calm	SW 2	10	10	26
23	59.48	58.90	25.4	29.5	93	81	Calm	SW 1	10	10	3
24	59.88	58.31	25.2	29.9	95	73	Calm	ENE 1	8	5	18.3
25	59.86	58.36	25.6	29.1	88	74	NW 1	NE 1	10	10	49.2
26	59.12	57.70	24.7	27.4	94	84	NNW 1	Calm	10	10	1.1
27	59.19	57.59	24.4	29.6	95	74	Calm	Calm	5	5	-----
28	59.44	58.61	25.4	29.6	89	74	Calm	NE 2	8	10	-----
29	58.90	57.67	26.4	25.5	88	95	NNE 2	NE 2	10	10	10.2
30	59.04	58.16	25.6	28.6	95	82	Calm	WSW 1	9	10	2.8
31	58.71	57.45	25.3	30.7	91	71	Calm	NNE 1	4	9	.8
Mean	58.37	57.30	25.4	28.3	90.8	79.7	0.7	1.4	9.1	9.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	372.3

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.50	57.50	25.5	29.5	91	76	N 2	NNE 2	10	9	1.6
2	58.61	57.69	25	29.8	94	75	N 1	NE 2	4	5	1
3	59.27	58.35	26.9	31	85	67	E 2	ENE 1	8	3	-----
4	59.79	58.14	25.5	31	92	67	Calm	NNE 1	4	6	.5
5	58.83	58.20	25.5	31	92	69	Calm	NE 1	3	5	.3
6	58.43	57.44	26	30.7	92	74	Calm	NE 2	5	9	8.5
7	58.52	57.44	26.5	30.2	89	73	NE 2	NE 1	10	10	2.1
8	58.96	56.60	25.6	30	95	74	NNE 1	NE 3	8	8	.5
9	57.68	56.19	26.2	31.5	89	66	Calm	NNE 1	8	9	-----
10	56.86	55.04	26	30.3	84	70	NW 1	Calm	9	10	-----
11	56.18	54.84	25.5	31.6	84	62	Calm	NW 1	10	10	-----
12	56.58	55.39	26.2	30.6	82	68	NW 1	WNW 1	10	10	-----
13	56.27	54.92	25	30	82	65	Calm	WbyS 1	10	10	-----
14	56.08	56.31	24.5	29.5	88	68	Calm	Calm	10	9	-----
15	57.86	57.94	25.5	31.8	88	61	Calm	E 2	3	1	-----
16	59.42	58.40	25.1	31.5	87	63	Calm	Calm	2	5	9.4
17	59.52	58.18	24.5	31.1	93	68	NW 1	NbyW 2	10	7	-----
18	59.47	58.43	25.5	31.8	88	59	Calm	Calm	8	7	1.5
19	59.42	58.04	25	30.5	89	66	NNE 2	NNE 2	10	8	-----
20	58.83	56.75	26.1	30.6	83	68	NE 2	N 1	8	10	2.3
21	58.46	55.80	25.1	30.5	91	68	N 1	N 1	7	8	2.3
22	57.88	56.39	24	30.1	92	68	Calm	NbyE 1	10	8	-----
23	58.14	57.41	24.9	29.3	88	76	Calm	Calm	10	8	-----
24	58.28	57.18	25	29	88	74	Calm	Calm	3	10	-----
25	57.71	56.67	24.5	30.6	92	62	Calm	NEbyE 1	6	8	-----
26	57.26	56.16	25	31.3	89	64	Calm	ENE 1	9	6	.5
27	56.89	55.70	24.6	30.8	91	69	Calm	EbyN 1	7	9	2.5
28	57.24	56.39	25.1	29.7	92	71	Calm	N 1	10	9	2.5
29	56.91	56.06	25.5	31	84	69	N 1	N 1	10	5	-----
30	57.38	56.26	25.3	31.6	77	65	Calm	Calm	10	7	.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.04	56.86	25.4	30.6	88.4	68.2	0.6	1	7.7	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	30.8

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.84	56.74	24	28.4	91	68	Calm	NNE 1	10	8	-----
2	58.52	58.16	24	30.5	83	57	Calm	ENE 1	10	1	-----
3	60.18	59.18	25.5	31.9	78	62	NNE 1	E 1	10	7	0.5
4	60.51	59.39	25	29.7	88	70	NbyE 2	NE 2	10	5	3.3
5	59.99	59.05	25.5	29.2	88	73	NNE 3	ENE 3	7	5	2.8
6	59.41	58.59	26	30	76	66	NE 4	NE 4	6	7	1.3
7	59.26	58.21	26.1	30.7	79	64	ENE 2	NE 2	10	5	-----
8	59.06	57.59	24.8	30.5	82	62	NNE 1	NEbyE 3	3	5	-----
9	58.39	57.49	25.1	30.5	80	67	NNE 1	ENE 2	10	8	-----
10	58.56	58.28	27.1	30.7	73	62	NE 4	ENE 3	9	8	.8
11	58.71	58.09	26.7	29	80	68	NE 3	ENE 4	5	10	.8
12	58.41	57.05	26.8	26.6	82	91	NE 3	ENE 1	9	10	16.5
13	58.32	57.50	25.5	28.1	96	81	NE 1	ENE 2	10	9	2.8
14	57.86	56.75	25.9	29	89	78	NE 2	NNE 2	10	9	1
15	57.71	56.57	25.8	29.5	89	79	NNE 2	NE 2	10	10	32.3
16	58.33	58.06	25.5	27.9	88	74	Calm	NE 1	10	10	4
17	58.53	57.82	25.3	26.5	95	89	Calm	NE 2	8	10	2.8
18	58.86	57.66	24.9	29	92	64	NbyE 1	NbyE 2	8	7	-----
19	58.56	57.54	25.2	30	90	71	Calm	NNE 2	10	9	9.9
20	58.99	58.19	24.8	29.2	85	73	NbyE 1	NE 4	10	10	9.2
21	58.71	56.78	25.3	26.6	83	83	NE 4	N 2	10	10	24.1
22	56.24	56.36	25.7	27.4	94	85	E 4	ESE 4	10	10	7.3
23	58.33	58.29	26.4	28.7	89	80	E 2	E 2	10	8	1
24	59.11	59.01	26.4	29.3	85	72	ENE 2	EbyN 2	9	7	-----
25	60.56	59.71	25.4	29	90	75	NE 1	NE 2	9	6	-----
26	59.27	58.89	26	29.4	88	70	NE 1	NNE 2	10	5	5.1
27	59.04	57.50	26	29.5	81	72	Calm	ENE 1	10	6	1.6
28	58.89	57.74	24.3	29.5	93	71	Calm	ENE 1	9	5	1
29	60.12	59.02	24.6	29.1	75	64	N 1	ENE 2	8	9	.8
30	61.16	60.56	25.8	29.5	69	55	NE 3	NNE 3	10	10	.3
31	60.86	60.09	25.5	29.5	77	58	NNE 2	NE 2	9	4	-----
Mean	58.98	58.12	25.5	29.2	84.8	71.1	1.6	2.2	9	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	129.2

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, ditection and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.32	58.10	25	27.4	87	80	N 1	E 4	10	10	7.1	62.07	61.31	23.2	25	90	88	N 1	W 1	10	10	18.8
2	58.71	56.61	24.4	29.2	89	70	N 1	NE 1	10	10	------	61.25	60.18	23	26.2	91	84	N 1	NE 1	10	10	67.1
3	58.59	57.20	23.2	27	87	84	N 1	SW 1	10	10	16	60.37	58.93	23.4	25.5	88	86	N 1	N 1	10	10	28.9
4	59.17	58.33	24.5	28.7	87	76	N 0	SE 1	10	10	------	59.77	58.55	22.6	27.4	86	86	N 1	S 1	10	10	------
5	59.26	57.53	24.6	29.6	89	71	N 1	E 4	10	10	5.8	60.03	59.36	22.6	26	89	85	N 1	SW 1	10	10	------
6	58.79	56.85	23.6	29.4	91	79	N 1	E 3	10	10	------	60.47	59.47	23.6	27	86	87	N 1	SE 2	10	10	------
7	58.29	57.11	24.7	27.5	92	81	N 1	SE 2	10	10	7.1	60.80	59.37	23.4	27.7	91	87	N 1	SW 1	10	10	------
8	59.16	57.85	24.1	27	87	84	N 1	S 1	10	10	11.4	60.41	58.71	23.2	29.3	90	73	N 1	E 3	10	10	------
9	58.52	57.50	23.4	27.5	93	81	N 1	SE 1	10	10	8.1	61.02	59.49	22	29.4	86	84	N 1	E 2	8	10	------
10	58.72	57.43	24.4	29.3	89	83	N 1	E 1	9	10	------	60.61	59.86	23	28.2	86	86	N 1	E 3	10	10	------
11	59.61	58.09	24	29.5	88	83	N 1	E 2	10	10	------	61.23	60.02	21.6	28.8	89	83	N 1	E 2	10	7	------
12	60.02	58.05	23.1	29.5	85	70	N 1	NE 2	10	10	------	62.15	60.03	22	29.3	95	72	N 1	E 2	10	8	------
13	60.77	58.93	22	29.8	91	73	N 1	E 2	10	10	------	61.55	60.14	23.2	28.8	81	85	N 1	SE 1	10	10	------
14	60.21	59.30	22.6	29	93	86	N 1	E 2	10	8	------	61.90	61.25	23.8	28.9	85	78	N 1	E 3	10	10	------
15	61.15	59.81	24	29.5	91	84	N 1	E 2	10	10	------	62.17	61.05	24	28.8	86	79	N 1	E 3	10	10	------
16	62.20	60.08	22.7	27.5	89	82	N 1	W 2	10	10	------	63.56	61.67	22.6	28.6	89	81	N 1	E 2	10	10	------
17	61.45	59.66	22.6	27.4	86	85	N 1	W 2	10	10	------	61.90	60.14	22.8	29.1	86	70	N 1	E 2	10	10	------
18	60.91	59.41	23.8	27.6	86	81	N 1	E 1	10	10	------	60.80	59.15	23.8	29.4	80	69	N 2	E 3	10	8	------
19	60.90	59.56	22.6	28.1	89	84	N 1	E 2	10	10	------	59.72	58.51	24.2	26.5	90	88	N 1	E 1	10	10	22.1
20	62.04	59.91	23.4	28.1	91	81	N 1	W 1	10	10	------	58.57	57.15	24	28.2	86	69	N 2	E 5	10	10	------
21	61.40	59.68	22.6	30.6	91	71	N 1	E 1	10	8	------	58.66	57.39	23.8	28.8	90	82	N 1	E 1	10	10	------
22	61.37	60.23	23.5	29.6	90	70	N 1	E 3	10	10	------	58.47	57.29	25	28.6	83	82	N 1	E 3	10	10	------
23	61.97	60.17	22.8	30.2	84	70	N 1	E 2	7	10	------	58.86	57.36	24	28	91	70	N 1	W 1	10	10	------
24	61.30	59.93	22.1	29.6	90	78	N 1	E 2	10	10	------	58.55	57.70	25	29.2	88	76	N 1	E 4	10	10	------
25	61.60	60.23	23	30.4	86	78	N 1	E 1	10	10	------	59.56	58.38	24.2	30.3	91	72	N 1	E 1	10	10	------
26	62.15	60.78	23	28.3	90	78	N 1	E 3	10	10	7.4	59.19	58.07	22.5	27.4	89	81	N 1	SW 1	10	10	------
27	62.22	60.90	23.8	28.4	80	77	N 1	E 1	10	10	9.7	59.07	57.50	24	26.8	88	86	N 1	W 1	10	10	------
28	61.76	60.80	23	25.6	86	81	N 1	S 1	10	10	56.9	58.49	57.65	23.6	28.2	86	83	N 1	W 1	10	10	------
29	62.20	60.52	21.8	26	86	85	N 1	NW 1	10	10	19.3	------	------	------	------	------	------	------	------	------	------	------
30	61.90	60.80	22.4	27.5	89	81	N 1	NE 2	10	10	6.9	------	------	------	------	------	------	------	------	------	------	------
31	62.60	61.22	22.8	25.6	84	79	N 1	SE 4	10	10	17.5	------	------	------	------	------	------	------	------	------	------	------
Mean	60.59	59.12	23.3	28.4	88.3	78.9	1	1.9	9.9	9.9	------	60.40	59.13	23.4	28	87.7	80.4	1.1	1.9	9.9	9.8	------
Total	------	------	------	------	------	------	------	------	------	------	173.2	------	------	------	------	------	------	------	------	------	------	136.9

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.82	58.95	23.2	27.2	90	83	N 1	E 1	10	10	8.1	59.86	58.03	24	30.2	91	82	N 1	E 4	10	8	------
2	60.38	58.63	22.6	29	87	78	N 1	E 2	10	10	------	59.37	57.25	24.1	29	91	74	N 1	SW 2	10	10	------
3	59.37	58.08	23.6	28.2	86	76	N 1	W 2	10	10	------	58.97	57.22	23	30.4	86	66	N 1	NW 1	10	7	------
4	59.29	57.75	23.2	29.4	93	75	N 1	E 4	10	10	------	59.26	58.72	23.8	28	85	77	N 1	SW 1	10	10	15.2
5	58.97	57.50	24	29.4	91	78	N 1	E 2	10	10	------	59.47	57.58	23	28.6	91	79	N 1	SW 2	10	10	------
6	58.68	57.26	23	28.6	92	78	N 1	SW 2	10	10	------	59.02	57.70	23.8	28.8	88	78	N 1	SW 1	10	10	------
7	58.67	58.07	24.1	26	93	85	N 1	E 2	10	10	20.1	58.40	57.10	24.8	28.4	90	76	N 1	E 2	10	10	------
8	58.02	56.57	23	27	91	83	N 1	E 1	10	10	------	58.41	57.66	24.8	29	90	81	N 1	SW 2	10	8	------
9	57.63	56.12	23.5	27.3	88	82	N 1	SW 1	10	10	------	58.99	57.96	24	28.4	91	76	N 1	SW 1	10	10	7.6
10	58.89	57.68	24	28.8	86	76	N 1	E 1	10	10	------	58.98	58.40	24	26.8	95	86	N 1	NW 1	10	10	------
11	59.07	57.61	24	28.6	91	75	N 1	S 1	10	8	------	58.87	57.20	24	28	91	85	N 1	E 1	10	10	9.1
12	59.03	56.98	24	29.6	90	81	N 1	SW 1	10	8	------	58.86	57.65	24.2	29.4	90	82	N 1	E 1	10	10	7.1
13	58.87	57.09	24	29.4	86	82	N 1	S 1	10	8	------	59.61	57.80	24.4	28.2	93	88	N 1	S 1	10	10	------
14	59.07	57.70	24.1	28.8	92	88	N 1	S 1	10	10	------	59.95	58.03	25	30	92	78	N 1	E 2	10	8	------
15	59.58	57.98	24	29.3	91	83	N 1	NE 2	10	8	------	59.71	57.50	24.2	28.5	93	85	N 1	SE 2	10	10	------
16	59.02	57.37	24.4	31	89	75	N 1	E 2	10	7	6.9	59.47	56.84	24.6	29	90	85	N 1	SE 3	10	8	------
17	59.40	57.90	24	29.3	93	84	N 1	E 3	10	10	------	59.32	57.40	24.5	30.2	94	80	N 1	E 2	10	7	------
18	59.06	58	24.2	30.5	90	74	N 1	E 4	10	6	------	59.75	58.28	25	30.2	92	82	N 1	E 2	10	8	------
19	58.25	57.54	25	30.2	90	73	N 1	E 3	10	8	------	59.62	57.78	25	29.9	92	80	N 1	E 2	10	10	------
20	59.15	58.43	25.2	29.5	90	73	N 1	E 4	10	10	------	59.62	59	25	28.4	92	76	N 1	E 2	10	10	7.1
21	58.94	57.23	22.2	31	81	72	N 1	E 2	10	10	------	60.05	58.41	25	29.5	90	81	N 2	E 2	10	8	------
22	58.15	57.54	24.2	29.2	90	83	N 1	E 1	10	10	7.1	59.90	58.18	25.2	31	90	75	N 1	NE 2	10	8	------
23	58.07	57.21	24.4	29.5	88	84	N 1	E 2	10	10	------	58.62	57.28	24.8	30	90	78	N 1	E 2	10	10	------
24	59.27	58.55	24	30.4	91	80	N 1	E 1	10	5	------	57.85	55.83	25.1	30.5	91	78	N 1	E 3	10	7	------
25	60.02	58.75	24.4	30.4	89	76	N 1	E 2	10	8	------	57.75	56.23	25.1	30.6	91	70	N 1	E 4	9	10	8.6
26	59.79	59.10	22	30	84	80	N 1	E 3	10	4	------	58.35	57.11	25	28.8	91	79	N 1	E 1	10	10	14.7
27	60.42	59.02	23.2	27.4	86	81	N 1	E 4	10	10	------	57.60	56.78	24.8	29.5	93	76	N 1	E 2	10	10	------
28	60.35	58.98	23.6	29.8	86	78	N 1	E 2	10	5	------	57.42	56.10	24.5	29.4	92	78	N 1	E 3	10	8	6.9
29	60.14	58.34	24.4	30.4	88	82	N 1	E 2	10	5	------	58.02	55.78	25.6	31	87	76	N 1	E 3	10	10	------
30	60.35	59.08	23	29.8	91	79	N 1	E 2	10	10	------	57.93	55.70	25	29	92	83	N 1	E 2	10	10	------
31	59.74	58.48	24.5	29.6	86	84	N 1	E 2	10	10	------	------	------	------	------	------	------	------	------	------	------	------
Mean	59.21	57.92	23.8	29.2	89	79.4	1	2	10	8.7	------	58.97	57.42	24.5	29.3	90.8	79	1	2	10	9.2	------
Total	------	------	------	------	------	------	------	------	------	------	42.2	------	------	------	------	------	------	------	------	------	------	76.3

MAASIN.

[$\phi=10°\ 08'$ N; $\lambda=124°\ 50'$ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.62	55.70	24.1	29.2	94	83	N 1	E 1	10	10	------
2	57.34	55.78	24.6	29.6	90	77	N 1	S 1	10	10	------
3	58.04	57.55	24.4	26.6	90	81	N 1	N 1	10	10	49.1
4	57.33	55.30	24.8	28.4	88	89	N 1	NW 3	10	10	57.1
5	54.07	52.67	25.6	26.2	90	90	NW 3	SW 4	10	10	65.8
6	55.95	56	26	28.4	90	89	SW 4	SE 2	10	10	------
7	57.85	57.13	25	29.3	92	86	N 1	SE 2	10	7	------
8	58.60	56.78	25.5	29.5	89	83	N 1	SE 1	10	10	------
9	58.17	57.04	25	28.5	92	84	N 1	SE 1	10	10	17
10	58.67	57.63	25.1	28.5	91	88	N 1	SE 1	10	10	6.1
11	59.75	58.49	25.2	28.5	90	88	N 1	SE 2	10	5	------
12	60.23	58.55	26	29.4	90	82	N 1	SE 1	10	5	------
13	59.60	57.48	26	29.5	89	85	N 1	SE 2	10	8	------
14	58.95	56.85	26.2	29.1	90	80	N 1	SE 1	10	7	------
15	58.85	57.80	26.4	29.6	89	77	N 1	SE 2	8	5	------
16	59.84	57.98	26.5	29.7	89	84	N 1	SE 2	10	6	------
17	60.25	58.59	26.2	30	90	78	N 1	SE 3	10	10	------
18	59.67	58.19	25.4	29.4	92	84	N 1	SE 2	10	10	------
19	59.52	58.43	25.6	30.2	90	82	N 1	SE 2	10	10	------
20	59.57	58.09	25.8	30.3	90	76	N 1	SE 2	10	10	------
21	59.30	57.30	25.2	31	93	77	N 1	SE 1	10	10	------
22	58.85	56.83	25	30.6	92	77	N 1	SE 1	10	10	------
23	57.94	56.25	24.5	30	91	82	N 1	SE 1	10	10	------
24	57.45	56.33	25.4	29.6	88	74	N 1	SE 1	10	10	3
25	58.95	58.28	25	28.6	92	86	N 1	SE 2	10	10	------
26	59.50	58.30	25.2	29.5	91	81	N 1	SE 2	10	8	------
27	59.80	57.93	25.5	28.5	89	81	N 1	SSE 1	10	10	------
28	58.80	57.05	25.1	30.7	91	70	N 1	E 2	10	7	------
29	58.52	57.22	26	30.6	92	77	N 1	E 2	10	10	------
30	58.82	57.95	26	29.8	90	79	N 1	SE 4	10	10	------
31	58.77	57.81	25.4	27.8	88	79	N 1	SE 1	10	10	2
Mean	58.57	57.20	25.4	29.2	90.4	81.6	1.2	1.7	9.9	9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	200.1

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.62	56.72	26	31.6	92	73	N 1	NE 2	10	10	------
2	57.91	56.43	24.8	29.5	93	81	N 1	SW 1	10	10	21.8
3	58.56	56.15	24	28.6	93	83	N 1	E 1	10	10	------
4	57.32	56.28	25.3	28.6	89	86	N 1	SE 2	10	10	------
5	57.07	55.65	26	30.4	87	74	N 1	E 4	10	8	------
6	56.87	56.03	25.6	30.2	92	84	N 1	E 2	10	10	------
7	57.56	55.90	26	30	92	82	N 1	E 2	10	10	------
8	57.90	57.07	26.6	29.5	87	87	N 1	SE 1	10	10	------
9	59.07	57.48	25.5	29.7	88	84	N 1	SE 1	10	5	------
10	59.13	57.96	25	29	92	85	N 1	SE 2	10	8	------
11	59.27	58.33	24.5	28.9	92	89	N 1	S 1	10	10	------
12	59.40	57.67	25.4	30	90	85	N 1	S 2	10	10	------
13	58.85	58.08	25.8	29.6	85	82	N 1	SE 1	10	10	------
14	59.42	57.70	25.2	28.6	91	80	N 1	SE 2	10	10	------
15	59.45	57.35	25.6	28	92	85	N 1	SE 2	10	10	16.5
16	59.07	58.23	24.6	28.1	95	88	N 1	SE 2	10	10	------
17	59.22	58.29	24.8	29.5	92	81	N 1	S 1	10	8	------
18	60	59	24.8	30.2	93	77	N 1	SE 1	8	10	------
19	60.60	59.40	25.8	29.4	89	82	N 1	S 2	10	8	------
20	60.22	58.63	24.6	29.4	91	84	N 1	S 1	10	8	------
21	60	58.60	25	30.2	92	81	N 1	S 1	10	10	------
22	59.60	58.58	25.2	29.6	91	85	N 1	S 1	7	8	2
23	60.30	58.98	25.1	31	91	79	N 1	SE 2	10	8	------
24	59.80	60.35	25	26	93	87	N 1	E 3	10	10	5.1
25	59.99	58.91	23.6	28.6	90	80	N 1	E 3	10	10	------
26	59.16	58.15	23.5	31	96	77	N 1	SE 1	10	10	------
27	59.04	57.89	24.2	30	93	82	N 1	SE 2	10	8	------
28	59.93	59.03	25	30.4	92	81	N 1	N 1	10	10	------
29	60.35	59.10	25.2	29	91	88	N 1	S 1	10	10	------
30	59.37	57.08	25.2	29.2	90	83	N 1	S 2	10	10	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.07	57.83	25.1	29.5	91.1	82.5	1	1.7	9.8	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	45.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.65	57.71	25.6	29	93	78	N 1	S 1	10	10	------
2	59.33	58.70	25.5	29.1	88	77	N 1	S 1	10	10	------
3	58.90	58.20	25	29.1	92	83	N 1	S 1	10	10	10.2
4	57.82	57.13	24.8	29	93	82	N 1	S 1	10	10	------
5	57.77	57.17	25	27.2	93	86	N 1	S 1	10	10	------
6	58.32	57.50	25	28.5	92	81	N 1	S 1	10	10	------
7	58.85	57.28	25.4	28.7	90	80	N 1	S 1	10	10	------
8	58.77	56.90	25.2	30.4	91	80	N 1	S 1	10	10	54.6
9	58.29	57.48	24.6	28.2	95	83	N 1	SE 2	10	10	53.3
10	58.42	57.40	24.1	29.4	94	84	N 1	SW 2	10	10	------
11	58.52	57.01	24.8	29.2	93	83	N 1	S 1	10	7	------
12	58.41	57.48	25.4	29	90	85	N 1	S 1	10	10	------
13	58.61	56.93	25	30.2	92	75	N 1	W 1	10	10	48.8
14	55.79	54.53	23.8	25.7	93	86	NW 1	NW 2	10	10	127.1
15	54.12	53.45	24.8	27.5	97	85	SW 5	SW 5	10	10	18.3
16	55.90	55.71	25	28.5	92	85	SW 4	SW 4	10	10	------
17	57.82	57.30	25.6	29	91	85	SW 4	SW 3	10	10	------
18	57.53	56.78	27	29.8	90	80	SW 3	SW 4	10	10	------
19	57.07	56.21	27	29	87	85	SW 2	SW 3	10	10	------
20	57.92	56.88	25.5	29	89	86	N 1	SW 3	10	10	------
21	57.97	56.85	26	29.1	92	89	SW 2	SW 3	10	10	------
22	57.35	56	26.1	29.4	91	84	SW 2	SW 3	10	10	------
23	56.45	54.71	26	28.8	92	85	SW 3	SW 3	10	10	17.3
24	56.07	56.80	27	27.4	94	91	SW 3	SW 4	10	10	------
25	57.97	56.56	26	29.7	91	75	SW 1	SW 2	10	10	------
26	57.77	57.28	25.5	29	92	88	N 1	SW 1	10	10	27.4
27	57.57	56.19	25	28.5	93	81	N 1	SW 2	10	10	------
28	56.34	55.98	24.6	25.6	87	83	SW 2	SW 6	10	10	31
29	56.70	55.34	25	29	92	85	SW 4	SW 3	10	10	29.5
30	57.27	57.28	26	29.8	90	77	SW 3	SW 3	10	10	------
31	58.40	56.88	25.6	28.8	87	82	SW 2	SW 3	10	10	------
Mean	57.63	56.70	25.4	28.7	91.5	82.9	1.8	2.3	10	9.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	417.5

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.55	56.65	25.4	28.8	89	79	SW 1	SW 3	10	10	------
2	57.65	56.69	25.5	28.8	89	86	W 1	SW 3	10	8	------
3	58.35	57.33	25.2	29.6	90	81	SW 2	SW 3	10	10	------
4	58.30	56.91	25.5	29	91	88	N 1	SW 3	10	10	------
5	57.72	56.65	25.2	28.5	91	81	SW 2	SW 4	10	10	7.1
6	57.63	57.27	25	26.8	92	87	N 1	SW 2	10	10	------
7	58.40	57.38	25.3	28.7	93	87	SW 1	SW 2	10	10	24.1
8	58.98	57.49	25.5	28.8	89	82	N 1	SW 3	10	10	------
9	58.65	58.27	25.2	25.2	90	92	N 1	S 1	10	10	38.6
10	58.50	57.30	25	29.5	92	81	N 1	S 1	10	10	------
11	58.15	56.73	25.2	29.1	91	84	N 1	SW 2	10	8	------
12	57.26	56.43	25	28.6	92	86	N 1	SW 3	10	10	47.8
13	57.18	56.40	24	27.7	93	81	NW 1	W 2	10	10	35.1
14	57.12	55.69	24.8	30.4	93	77	N 1	SW 2	10	10	------
15	56.33	54.45	25.4	28.6	92	83	SW 3	SW 4	10	10	------
16	56.80	56.78	25.8	28.7	90	80	SW 2	SW 2	10	10	------
17	58.83	57.66	25.1	29	92	81	N 1	SW 1	10	9	------
18	59.02	57.72	25.1	28.6	92	91	N 1	S 1	10	10	27.4
19	58.87	56.60	23.5	27	96	87	N 1	S 1	10	10	------
20	57.67	56.62	25	27.3	92	90	N 1	SW 1	10	10	29.7
21	57.89	56.70	24.2	28	90	88	N 1	SW 2	10	10	13.5
22	57.75	56.51	25	28.4	92	86	SW 2	SW 3	10	10	7.1
23	57.64	56.23	24.8	28.1	93	85	N 1	SW 3	10	10	12.2
24	58.45	57.14	25.2	28	90	91	N 1	SW 3	10	10	21.8
25	59.22	58.50	25.5	30	89	78	NW 1	SW 2	10	10	------
26	59.27	57.49	25.5	30.5	83	76	N 1	W 2	10	10	------
27	56.87	56.30	25.6	27.5	90	88	N 1	SW 3	10	10	------
28	56.75	56	26	28.6	85	83	SW 3	SW 2	10	10	------
29	58.05	58.50	26.4	27.2	84	83	SW 2	SW 3	10	10	------
30	58.47	57.84	24	29.4	93	82	N 1	SW 1	10	10	------
31	58.17	56.75	24.3	26.5	93	94	N 1	NW 1	10	10	------
Mean	57.98	56.93	25.1	28.4	90.7	84.5	1.3	2.2	10	9.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	264.4

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

Day.	SEPTEMBER.											OCTOBER.[a]										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.51	54.99	25.3	25.6	91	95	W 1	NW 1	10	10	17.3	58.72	57.74	24.6	28.5	90	90	N 1	S 1	10	10	------
2	53.79	53.40	25.2	28	90	89	W 2	SW 5	10	10	19	58.87	57.09	25	29.2	92	85	N 1	SW 1	10	10	29.5
3	55.20	55.05	25	28.4	92	89	SW 3	SW 5	10	10	20.8	58.80	57.79	24.8	28.5	92	88	N 1	S 1	10	10	40.1
4	57.10	56.23	26.6	28.8	87	79	SW 3	SW 4	10	10	------	59.62	58.11	25	28.3	90	91	N 1	SSW 2	10	10	9.7
5	58.77	57.94	26.8	28.5	90	88	SW 3	SW 2	10	10	------	59.38	56.92	25.1	29.8	91	75	N 1	W 2	10	8	------
6	59.12	57.60	24.4	29.2	88	85	N 1	S 1	8	10	------	58.87	57.10	24	28.6	93	89	N 1	S 1	10	7	------
7	58.98	57.23	24.9	29.7	86	84	N 1	S 1	10	10	------	59.22	58.10	25.7	29	93	81	N 1	SE 1	10	10	36.6
8	58.67	57.34	25	29	92	85	N 1	SW 3	10	10	------	59.06	57.53	24.8	28.5	94	84	N 1	W 2	10	10	------
9	58.05	56.41	27	28.2	84	89	SW 2	SW 4	10	10	------	57.52	56.65	25	29.6	92	79	N 1	W 1	10	10	------
10	57.17	55.81	26.4	29.3	89	83	SW 3	SW 3	10	10	------	56.82	55.35	24.6	28	95	86	N 1	SW 2	10	10	32.8
11	57.37	56.30	26.4	29.5	92	83	SW 2	SW 3	10	10	------	55.95	54	25	28.6	93	80	SW 1	SW 5	10	10	------
12	58.80	58.03	25.2	28.8	91	85	N 1	SW 2	10	10	------	55.35	55.02	25	27.4	93	86	SW 5	SW 4	10	10	15.2
13	59.57	57.90	25.6	30.6	88	76	N 1	W 2	10	6	22.9	55.67	55.10	27	28.7	86	80	SW 4	SW 4	10	10	------
14	59.76	57.98	24	29.6	91	77	N 1	SW 2	10	10	------	56.17	54.75	27	28	91	89	SW 2	SW 4	10	10	9.9
15	58.99	57.53	24.8	28.8	93	79	N 1	S 1	10	10	------	57.21	56.70	26.7	28.2	91	86	SW 5	SW 5	10	10	------
16	58.94	57.25	27	29.4	84	78	SW 2	SW 2	10	10	------	58.51	58.65	26.8	27.8	92	88	SW 4	SW 4	10	10	------
17	59.45	58.16	25.5	29.4	93	81	N 1	SW 1	10	8	------	59.92	58.41	25.8	28.1	90	84	S 1	SW 3	10	10	12.2
18	59.40	58.08	25	28.6	92	82	N 1	S 1	10	8	16.5	60.37	58.70	25	29	90	85	SW 1	SW 2	10	10	9.4
19	60.35	58.70	24.2	27.5	93	91	N 1	SW 1	10	10	39.4	60.52	58.88	24	28.6	91	88	N 1	SW 1	10	10	12.2
20	58.92	57.40	24.5	25.7	88	93	N 1	W 1	10	10	27.4	60.02	58.85	24.4	28	88	85	N 1	W 1	10	10	40.4
21	58.56	57.04	24.6	27.6	95	87	N 1	S 1	10	10	------	59.07	58.71	24.4	27	90	84	N 1	W 2	10	10	------
22	58.93	58.13	24.5	29.2	94	83	N 1	SW 2	10	10	83.3	59.84	57.59	24.4	30	88	78	N 1	S 1	10	10	25.4
23	60.32	58.68	23.8	29	93	85	N 1	SW 2	10	10	------	59.09	57.73	24.6	28.8	95	86	N 1	SW 1	10	10	5.6
24	59.69	58.25	24	28.4	91	89	N 1	S 1	10	10	------	59.09	58.83	24.1	25.4	95	88	N 1	S 1	10	10	33.8
25	59.01	57.61	24.3	29	91	86	N 1	S 1	10	10	------	60.67	59.28	24.3	28.5	92	88	N 1	S 1	10	10	------
26	59.07	57.63	24.4	29.4	93	85	N 1	S 2	10	8	------	60.18	57.96	24.4	29	91	85	N 1	S 1	10	10	------
27	60.17	58.38	24.2	29.5	91	85	N 1	S 1	10	10	------	59.81	58.10	24	28.4	91	86	N 1	S 1	10	8	------
28	59.07	57.24	24.4	29.6	89	81	N 1	S 1	8	8	------	60.07	58.83	24.1	28.2	89	85	N 1	W 1	10	10	------
29	59.01	57.80	24.6	28.5	93	88	N 1	S 1	10	10	16.5	60.31	58.71	24.7	28.4	94	88	N 1	S 1	10	10	------
30	58.58	57.24	23.8	29.1	91	88	N 1	SW 1	10	10	------	60.17	58.13	24.2	28.6	90	83	N 1	SW 2	8	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59.42	58.34	24.8	28	93	85	N 1	E 2	10	10	------
Mean	58.54	57.24	25	28.7	90.5	84.9	1.4	1.9	9.9	9.6	------	58.85	57.54	24.9	28.4	91.5	85	1.5	2	9.9	9.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	263.1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	312.8

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.63	58.08	24.6	29.8	95	79	N 1	E 1	10	10	------	59.72	58.51	23.1	28.8	92	86	N 1	W 2	8	6	------
2	59.69	58.23	24	30	91	81	N 1	E 2	10	10	------	60	59.35	23	26.4	91	90	N 1	E 2	10	10	9.9
3	60.12	58.33	24.2	29.4	91	84	N 1	E 1	8	7	------	60.82	60.25	23	29.2	90	83	N 1	E 2	10	8	------
4	59.86	58.31	24	29.1	93	81	N 1	W 1	10	10	6.9	61.65	60.33	23.3	27	89	84	N 1	E 1	10	10	32.8
5	60.09	58.85	24.2	27	93	92	N 1	W 1	10	10	10.2	61.70	60.03	22	24.6	91	87	N 1	N 2	10	10	49.3
6	59.87	58.17	24.8	26	93	89	N 1	S 1	10	10	30.7	61.30	60.05	23	29	90	71	N 1	NE 2	10	8	19.8
7	59.80	58.70	25	28.8	90	86	N 1	E 2	10	10	7.4	61.12	59.35	22	26.2	91	94	N 1	NW 1	10	10	38.1
8	60.02	58.92	24	24.8	90	88	N 1	E 1	10	10	69.6	59.97	58.55	23.4	28	91	77	N 1	E 2	10	10	16
9	60.14	58.41	23	27.4	91	83	N 1	S 1	10	10	------	59.74	58.45	23.5	28.6	90	73	N 1	E 2	10	10	------
10	59.34	57.93	24.3	28.5	91	84	N 1	E 1	10	10	------	59.74	58.89	24	30	95	69	N 1	E 4	10	8	------
11	59.39	58.57	23.4	27.5	93	91	N 1	NE 1	10	10	------	60.19	58.45	23.8	28.6	93	78	N 1	E 1	10	10	------
12	59.19	59.10	23.6	29.6	95	81	N 1	S 1	10	10	------	59.72	57.80	23.4	28.4	93	80	N 1	W 1	7	8	------
13	60.35	58.40	23.6	29.6	90	84	N 1	E 1	10	10	------	59.21	58.46	23.9	28.5	89	78	N 1	E 1	10	10	12.7
14	59.83	58.68	22.7	28.8	94	86	N 1	W 2	10	10	------	58.42	57.72	23.5	27.8	88	79	N 1	E 1	10	10	------
15	60.29	59.28	22	28.7	91	85	N 1	NW 2	10	10	------	58.92	57.52	23.8	27.5	86	81	N 1	W 1	10	10	9.9
16	60.29	59.05	22.4	29	93	85	N 1	W 1	10	10	------	59.97	58.51	23.5	28.2	90	88	N 1	W 1	10	10	------
17	60.97	59.23	23	27	91	84	N 1	E 1	10	10	------	59.91	58.68	23.6	29	93	71	N 1	N 1	10	10	------
18	61.35	59.73	24.1	28.4	91	83	N 1	W 1	10	10	------	60.04	58.88	23.1	28.8	95	86	N 1	W 1	10	8	------
19	61.20	59.80	22	29.7	91	85	N 1	E 1	10	8	------	60.67	59.30	23.8	28.5	93	88	N 1	E 2	10	8	------
20	61.30	60.13	23.4	28.3	88	85	N 1	W 1	10	10	------	60.91	59.87	23.3	26	92	92	N 1	E 1	10	10	47
21	60.92	59.26	23	28	93	82	N 1	S 1	10	10	------	60.90	58.98	22.8	25.5	86	89	N 1	W 1	10	10	11.2
22	59.57	58.50	23.5	29.8	96	75	N 1	NE 1	10	10	------	59.19	57.80	23	27.1	93	83	N 1	W 1	10	10	------
23	60.80	59.55	23	28.6	93	85	N 1	SW 1	10	10	------	59.04	57.80	23.4	27.6	91	83	N 1	W 1	10	10	------
24	61	59.73	23	30.6	91	81	N 1	E 2	10	5	------	59.03	57.33	23.8	28.2	89	83	N 1	W 1	10	10	15.2
25	60.82	59.03	23.4	30.4	88	80	N 1	E 1	10	8	------	58.92	57.66	22	28	93	85	N 1	SW 2	10	10	------
26	59.13	57.46	23.6	28.8	90	86	N 1	W 1	10	8	------	59.07	58.40	23.8	27.4	93	86	N 1	SW 2	10	10	23.9
27	57.78	57.38	23	28.8	92	82	N 1	W 1	10	10	------	59.52	57.87	24.8	27	90	84	N 1	SE 1	10	10	------
28	58.92	58.03	22	29	91	85	N 1	W 1	10	8	------	59.42	58.38	23.8	28.5	90	87	N 1	NE 1	10	10	14.7
29	59.53	58.69	23.2	28.8	91	82	N 1	E 1	10	8	------	61	59.37	24.1	27	93	92	N 1	W 1	10	10	------
30	59.52	58.47	24	26.8	90	86	N 1	N 1	10	10	10.4	61.97	60.99	24	29	95	88	N 1	W 1	10	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	62.67	61.35	24.2	29.5	90	86	N 1	E 2	10	10	------
Mean	60.02	58.73	23.5	28.6	91.7	84	1	1.2	9.9	9.4	------	60.14	58.87	23.4	27.9	91.1	83.3	1	1.5	9.8	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	135.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	300.5

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[a] The total rainfall in the "Monthly Bulletin" should be 312.8 mm. instead of 312.9 mm.

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

Day.	JANUARY. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	FEBRUARY. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.93	58.01	22	30.7	95	63	Calm	WNW 1	2	9	------	62.48	60.46	21.6	-----	84	-----	Calm	NNW 3	4	2	------
2	58.22	56.71	24	29.4	92	72	Calm	NW 2	4	10	------	61.83	59.64	22.1	-----	71	-----	N 1	NW 2	0	1	------
3	58.33	57.70	20.5	28.5	91	71	NE 0	NE 1	4	10	------	60.15	58.78	23.9	-----	79	-----	Calm	N 2	4	10	------
4	58.87	58.31	23.5	29.5	91	72	Calm	N 2	7	10	------	60.02	58.06	22.9	-----	90	-----	Calm	NW 2	9	9	------
5	58.38	57.36	22	28.1	95	84	Calm	N 2	3	10	1.3	60.06	58.95	23.5	-----	87	-----	Calm	WNW 1	9	9	------
6	58.48	56.94	21.9	29.1	90	68	Calm	WNW 2	6	10	------	60.30	59.12	21.9	-----	92	-----	Calm	NW 1	1	7	------
7	57.93	56.93	20.5	29.6	92	71	Calm	NW 1	6	10	.3	60.18	59	23	-----	87	-----	Calm	W 2	3	2	------
8	58.27	57.76	22.8	29.6	94	74	Calm	NW 2	6	10	------	59.77	59.06	19.5	-----	86	-----	N 0	W 2	0	1	------
9	58.21	57.63	24	29.5	88	71	Calm	NW 1	10	10	------	60.40	59.56	19.6	-----	90	-----	Calm	W 2	1	1	------
10	58.15	57	23.9	30	91	73	Calm	NNW 2	10	10	5.1	61.13	59.95	20.6	-----	90	-----	Calm	W 2	1	1	------
11	58.63	57.87	20.6	30.4	95	57	NNW 0	NW 2	5	9	------	60.77	60.27	20.6	-----	89	-----	Calm	W 2	1	8	------
12	59.50	57.97	19	29.4	90	59	N 0	NW 2	4	5	------	61.59	59.98	22	-----	88	-----	Calm	NNW 1	4	10	------
13	60.54	59	18.5	28	89	66	N 1	NW 2	4	10	------	61.08	60.38	22.5	-----	85	-----	Calm	NNW 1	1	10	1.8
14	60.33	59.62	20.5	29.8	91	67	N 0	NW 1	6	1	------	62.31	61.48	22	-----	91	-----	Calm	NNW 2	10	10	------
15	61.18	60.22	20.4	29.1	91	70	Calm	NW 1	0	8	------	62.11	61.52	19.9	-----	88	-----	Calm	W 1	10	9	------
16	62.11	60.46	20.7	29	89	69	Calm	NW 1	3	1	------	63.34	61.45	19.7	-----	84	-----	Calm	NW 1	3	7	------
17	62.17	60.33	19.5	29.6	86	64	NW 1	NW 2	4	4	------	61.04	59.66	20	-----	86	-----	Calm	W 1	4	4	------
18	61.61	60.02	21	29.5	86	67	N 1	NW 2	7	9	------	60.23	58.91	18.6	-----	81	-----	Calm	W 2	0	1	------
19	60.61	59.72	21.1	29.1	93	77	N 1	NW 2	1	10	------	59.29	58.72	20	-----	71	-----	Calm	W 2	1	8	------
20	61.85	60.07	21	27.4	91	84	N 1	NW 2	6	2	------	58.26	57.51	22	-----	87	-----	Calm	W 2	4	10	------
21	61.42	60.32	21.3	28.2	89	80	NW 1	NW 2	2	3	------	58.40	57.25	19.9	-----	78	-----	Calm	W 2	1	1	------
22	61.37	61	20.1	29.1	81	68	N 1	WNW 2	4	9	------	58.09	57.06	19.5	-----	83	-----	Calm	W 2	3	3	------
23	61.60	60.01	19.4	27	87	80	Calm	NW 2	1	1	------	58.62	56.86	19.6	-----	89	-----	Calm	W 2	1	1	------
24	61.56	60.31	22.6	28.4	88	75	Calm	NW 1	10	6	------	58.33	57.92	20.6	-----	86	-----	Calm	W 1	0	9	------
25	62.28	61.77	21.6	28	89	74	NNW 0	NW 2	4	4	------	58.86	58.50	21.8	-----	88	-----	Calm	W 1	10	7	------
26	62.49	61.52	22	-----	88	-----	Calm	ENE 3	10	3	------	58.72	58.15	19.7	-----	88	-----	Calm	WNW 2	0	4	------
27	62.83	60.45	22.1	-----	84	-----	Calm	N 3	7	8	------	59.33	57.80	20.9	-----	80	-----	N 1	NW 1	2	8	------
28	61.96	60.89	20.5	27	81	69	E 1	NW 2	1	9	.3	58.20	58	23	-----	91	-----	Calm	W 2	10	10	------
29	62.10	61.08	23.5	27	87	77	Calm	NW 1	10	10	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	61.93	61.95	23.5	-----	79	-----	Calm	NNW 3	10	10	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	62.24	59.94	22.5	-----	79	-----	Calm	NE 4	4	3	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	60.45	59.32	21.5	28.9	88.8	71.2	0.3	1.9	5.2	7.2	------	60.17	59.07	21.1	-----	85.3	-----	0.1	1.7	3.5	5.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.8

Day.	MARCH. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	APRIL. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.76	58.46	24.3	-----	81	-----	NE 1	N 3	10	10	------	59.56	58.48	20.5	-----	85	-----	Calm	W 2	5	2	------
2	59.88	58.55	21.1	-----	81	-----	Calm	NW 1	2	10	1.3	59.08	57.57	20.4	-----	87	-----	Calm	W 2	5	2	------
3	59.22	58.01	20.8	-----	88	-----	Calm	NW 2	4	5	------	58.38	57.66	20.9	-----	85	-----	NNE 0	W 2	7	9	------
4	58.78	57.42	19.9	-----	87	-----	Calm	NW 1	4	10	------	58.86	58.45	20.7	-----	80	-----	Calm	WSW 2	7	10	------
5	58.82	57.83	20.6	-----	85	-----	Calm	NW 2	4	1	------	59.05	58.14	20.3	-----	84	-----	Calm	W 2	10	10	------
6	58.62	57.71	21.4	-----	85	-----	Calm	NW 2	7	4	------	59.01	57.93	20.5	-----	86	-----	Calm	W 2	8	9	------
7	58.71	57.62	23.9	-----	80	-----	NE 0	W 2	8	10	22.1	57.97	57.82	21.6	-----	83	-----	Calm	NW 2	8	10	1
8	57.57	56.81	23	-----	96	-----	Calm	W 1	10	8	------	58.27	58.29	20.8	-----	83	-----	NE 1	NW 2	4	8	------
9	56.94	55.76	22.1	-----	80	-----	Calm	NW 2	10	10	------	58.98	58.30	20.8	-----	83	-----	NE 1	WSW 2	3	2	------
10	57.43	57.41	21.9	-----	90	-----	Calm	W 2	8	7	------	58.98	58.02	21.4	-----	87	-----	NE 1	NW 2	6	9	------
11	58.30	57.70	21.4	-----	87	-----	Calm	NW 2	0	1	------	58.66	57.68	22.5	-----	83	-----	N 1	SW 2	9	4	------
12	58.97	57.33	22.6	-----	88	-----	N 1	NW 1	1	3	------	58.69	57.88	23.6	-----	79	-----	NE 0	NW 3	10	9	------
13	58.56	57.59	22.6	-----	88	-----	N 0	WSW 2	3	8	------	59.31	57.77	22.8	-----	84	-----	NE 1	W 1	10	10	------
14	59.25	57.98	22.2	-----	89	-----	NE 1	NW 1	4	4	------	59.65	58.85	22.6	-----	86	-----	NNE 1	WSW 2	9	10	1
15	59.23	57.56	22	-----	82	-----	NNE 0	NW 2	5	3	------	58.91	57.69	22	-----	82	-----	NE 1	W 2	6	10	1.5
16	58.54	57.28	21.6	-----	86	-----	Calm	WNW 2	0	0	------	58.63	57.42	22.4	-----	88	-----	NE 0	WSW 2	8	5	.5
17	58.42	57.20	22	-----	86	-----	Calm	NW 3	7	9	------	59.49	57.99	21.8	-----	87	-----	Calm	WNW 2	10	10	10.4
18	58.43	58.03	21.5	-----	89	-----	Calm	NW 2	0	8	------	59.47	58.53	22.1	-----	85	-----	NE 1	Calm	10	10	1
19	57.80	58.24	20.5	-----	86	-----	Calm	SSE 2	7	10	.3	58.54	57.78	22	-----	86	-----	N 1	W 2	10	4	------
20	58.72	58.34	21.1	-----	81	-----	Calm	W 1	5	10	------	58.94	58.55	22	-----	82	-----	Calm	W 2	7	3	------
21	58.20	57.36	22.4	-----	79	-----	Calm	W 1	10	10	------	59.10	57.89	22.6	-----	86	-----	N 1	NW 3	4	6	26.4
22	58.36	58,06	22.1	-----	78	-----	NNE 1	NW 2	8	10	------	58.76	57.92	21	-----	89	-----	N 0	W 2	9	2	------
23	57.10	56.90	21.1	-----	90	-----	N 0	W 2	1	2	------	58.05	56.70	22.3	-----	80	-----	N 1	W 2	0	5	------
24	58.64	58.82	19.4	-----	87	-----	Calm	W 1	9	3	------	56.82	55.72	22.2	-----	77	-----	Calm	NW 2	1	4	------
25	59.65	59.08	20	-----	72	-----	NE 1	W 2	2	2	------	57.16	55.67	22.9	-----	80	-----	N 1	W 2	0	5	------
26	58.97	58.58	20	-----	86	-----	Calm	W 2	6	2	------	57.22	56.25	22	-----	82	-----	N 1	W 2	10	10	------
27	60.36	59.13	20.8	-----	81	-----	Calm	NW 2	9	4	------	57.07	56.51	22.8	-----	84	-----	Calm	W 1	9	6	------
28	60.31	59.29	20.9	-----	87	-----	NE 1	NW 2	10	10	------	56.99	55.92	23	-----	87	-----	Calm	W 2	2	9	------
29	59.98	58.67	21.4	-----	84	-----	Calm	WNW 3	10	4	------	57.18	55.77	22.5	-----	87	-----	Calm	W 1	10	10	------
30	59.31	58.87	19.9	-----	82	-----	NE 1	W 2	9	10	------	57	55.79	22.8	-----	81	-----	Calm	WSW 2	6	7	------
31	59.59	58.42	19.9	-----	77	-----	Calm	WNW 2	10	5	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.79	57.94	21.4	-----	84.5	-----	0.2	1.8	5.9	6.2	------	58.46	57.50	21.9	-----	83.9	-----	0.4	1.9	6.8	7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	23.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	41.8

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

	MAY.											JUNE.										
Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12.)		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12.)		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.67	56.23	24.1	32.4	82	59	N 0	WSW 2	10	10	------	57.49	56.20	24.6	32.5	90	61	Calm	NW 1	9	9	------
2	57	56.40	22.5	33.6	91	56	NE 1	NW 2	10	9	------	57.50	56.42	24.6	33	90	61	N 1	W 1	4	9	------
3	57.87	57.98	23.9	26.1	81	88	N 1	NE 1	6	10	3.5	57.54	55.42	25	28.5	87	78	N 1	N 2	10	10	2.3
4	57.51	56.35	23.8	32.5	93	60	N 1	N 3	7	8	10.2	57.06	55.84	23.9	31.7	89	67	N 1	S 3	4	7	.5
5	56.55	54.99	24.4	30.6	92	69	NE 1	NNW 3	10	10	1.3	57.16	55.27	25.6	32.1	92	69	S 1	W 2	10	6	9.7
6	54.30	54.41	25.1	27.4	91	80	WSW 4	SW 6	10	10	36.3	57.05	56.84	25.1	26.4	95	89	NE 1	SW 1	10	10	46.7
7	57.05	57.38	25.6	27.4	87	81	S 4	SSW 4	10	10	1.5	56.71	56.05	24.1	30.9	96	76	NE 0	NW 2	10	10	52.8
8	57.66	56.80	23.8	29.7	93	77	NE 1	SSW 3	10	8	------	57.50	57.06	24.1	26.1	91	87	N 1	NE 1	4	10	.8
9	57.52	57.13	25.1	29.1	85	81	ENE 1	SSW 4	10	10	14	58.75	57.33	25	31	88	72	N 0	NNW 1	10	8	------
10	58.15	57.82	25.5	30.7	81	74	N 1	SW 2	10	8	------	59.01	57.30	25	29.5	92	79	E 1	SW 3	7	7	.3
11	59.29	55.18	25.4	30	89	80	N 1	SW 2	7	9	------	59.27	58.52	24.8	28	92	82	N 1	SW 1	10	10	------
12	60.05	58.50	24.1	31.5	94	75	NE 1	SW 3	6	1	------	59.25	57.21	24.1	31	91	72	N 1	NE 1	9	10	10.4
13	59.66	57.62	26	32.9	89	65	NE 1	SW 1	7	3	------	58.90	58.16	24.8	28.1	95	77	NE 0	Calm	10	10	------
14	58.58	57.18	25	30.9	88	72	NE 1	NW 1	3	8	------	58.80	57.24	24.8	31.9	86	64	N 1	S 3	5	5	5.3
15	58.53	57.97	25.2	30.1	91	76	NE 1	SW 3	6	1	------	58.89	57.33	24.6	29.5	95	81	NE 1	SW 3	10	9	.8
16	59.69	58.23	24.9	33.1	86	66	NNE 1	SW 1	5	2	6.4	58.64	57.56	24.8	30.2	93	77	N 1	SSW 2	10	10	9.4
17	60.19	59.05	25	32.7	90	68	Calm	W 1	4	6	4.6	59.40	58.12	24.5	30.1	95	75	NE 1	SW 2	10	9	------
18	59.96	58.55	24.1	30.6	91	74	N 1	NNW 2	10	10	3	59.97	58.51	24.7	30.8	90	72	NE 1	SW 3	5	4	.8
19	59.37	58.53	24.3	28.1	90	84	NNE 1	Calm	10	10	.5	60.94	59.50	24.9	31.9	90	70	NE 1	NW 1	10	7	11.2
20	58.91	58.22	23.6	31.6	95	65	NE 1	NW 1	8	5	------	60.73	59.22	23.1	29.2	94	80	NNE 1	NW 1	8	10	.3
21	58.15	57.17	23.9	32.5	92	61	N 1	NW 2	1	2	------	60.26	58.77	23.8	29.5	90	75	N 1	SW 1	10	9	------
22	57.87	57.24	24.6	32	91	66	Calm	NW 1	10	10	------	59.67	58.93	24.7	30	89	75	NE 1	Calm	3	10	------
23	57.49	56.49	24.7	30.7	87	70	N 1	W 2	10	10	------	60.19	59.33	24	29.5	91	77	NNE 1	W 1	10	9	------
24	57.17	57.22	24.7	27	88	90	NNE 1	NE 1	10	10	30.2	60.01	59.13	24.6	28.8	91	86	NE 1	Calm	5	10	4.3
25	59.16	58.02	24	28.3	96	78	Calm	SSW 1	10	10	3	59.91	58.71	23.9	31.4	92	73	N 1	W 1	9	9	3.3
26	58.93	59.11	25.1	28	94	89	N 0	NNE 2	10	10	18.8	58.96	57.87	23.7	28.4	94	82	N 1	NW 1	10	10	4
27	59.31	58.19	23.9	28	94	85	N 1	NE 1	10	10	.3	58.70	57.69	23.1	32.4	95	68	NE 1	SW 2	10	6	------
28	58.45	56.80	24.9	31.7	93	68	NE 1	SW 2	10	5	.5	60.21	58.75	24.1	31.5	91	72	N 1	W 1	10	10	2.5
29	57.86	56.83	24	32	92	70	Calm	N 2	3	8	.3	60.82	59.30	23.6	30	88	71	NNE 1	NW 1	10	9	.3
30	58.50	56.95	25.4	32.4	87	62	NE 0	N 2	5	7	2	59.05	57.03	24	30.6	93	73	N 1	NW 1	1	9	16
31	58.62	56.98	24.9	31.7	93	66	Calm	NW 1	10	8	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.26	57.37	24.6	30.5	89.9	72.7	0.9	2	8	7.7	------	58.94	57.69	24.4	30.2	91.5	74.7	0.9	1.4	8.1	8.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	136.4	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	181.7
	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm
1	58.79	57.71	24	29.5	96	76	NE 1	W 1	10	10	2.5	57.40	57.12	27.1	30.1	87	77	SW 2	SW 1	4	10	11.6
2	59.50	58.80	24.6	28.6	92	84	N 1	NW 1	10	10	15	58.23	57.58	25.9	29.1	88	83	W 2	W 1	10	10	10.7
3	58.68	58.29	22.9	31.5	93	72	N 1	NW 1	10	8	------	58.44	57.47	25.4	29.9	88	79	Calm	SW 1	10	9	------
4	58.61	57.89	23.8	27	93	89	N 1	E 1	9	10	1.3	58.63	57.61	25	30.5	96	76	Calm	W 2	10	9	------
5	57.73	57.18	23.4	29.5	93	82	N 1	Calm	8	9	9.9	57.62	57.50	26.5	27.6	88	84	SW 3	W 1	9	10	99.8
6	57.44	57.56	24.8	25.6	94	94	E 1	Calm	10	10	37.3	58.52	58.03	24.2	26	97	88	NW 1	SW 2	10	10	42.7
7	58.31	57.93	24	26.7	96	83	E 1	S 3	10	9	19	57.62	57.84	23.7	27	99	87	N 1	S 3	10	10	16
8	58.68	57.55	22.7	29.9	94	73	NNE 2	SW 3	2	8	------	58.63	58.10	26.6	28.9	90	81	SW 1	SSW 2	8	10	32.3
9	58.75	57.94	26.1	28	88	82	SSW 4	SSW 2	10	10	88.1	59.46	58.99	24	26.6	96	83	Calm	NW 1	10	10	7.9
10	59.47	57.84	24	26.6	97	83	NW 2	N 0	10	10	4.6	59.11	58.39	23.1	26.9	95	89	N 1	Calm	7	10	5.9
11	58.13	57.82	23	28	88	79	N 1	N 1	10	9	3.3	57.93	57.01	22.6	29.5	95	80	N 1	SW 2	8	8	1
12	58.62	58.18	23.5	30.4	95	73	N 1	WNW 1	10	10	14.8	57.40	57	24.4	26.1	92	87	NW 0	S 1	10	10	19.1
13	58.44	57.55	24.1	30.5	95	71	NE 1	NW 1	9	10	7.9	57.47	56.88	23.5	29.5	96	75	N 1	NNW 1	10	10	1.8
14	56.60	55.41	24.4	25.5	93	96	NE 1	NW 2	10	10	119.1	57.57	57.13	24.4	28	92	81	Calm	NNW 2	10	10	5.3
15	54.47	53.26	24	26.5	97	88	W 4	W 5	10	10	8.1	56.19	55.10	23.5	24.6	96	96	NW 1	NW 2	10	10	59.7
16	54.46	55.25	27	27.8	84	84	SW 5	SW 4	10	10	29.2	56.21	56.51	25	28.7	95	80	SSW 2	S 3	10	10	4.1
17	56.80	56.68	27.2	29.4	83	78	SW 3	SW 4	10	9	35.3	58.31	58.31	23.6	28.4	96	82	N 1	SW 2	9	10	1.8
18	57.16	57.22	27.8	29.6	82	77	SSW 5	SW 3	10	8	43.7	59.11	58.06	24.5	29	96	85	Calm	WSW 1	10	10	10.7
19	57.32	56.92	27	30.1	86	75	SW 2	SW 3	5	3	.3	57.77	56.43	23.6	29.5	95	78	NNE 1	Calm	10	10	37.8
20	58.41	57.65	27.6	28.5	84	87	SW 2	SW 2	8	10	9.4	57.49	56.78	24.1	28.7	96	83	NE 1	SW 2	10	10	19.3
21	57.84	57.68	27.8	29.5	84	78	SSW 3	SSW 3	10	9	23.6	57.58	57.34	23.5	24.7	95	95	Calm	S 2	10	10	20.6
22	57.92	56.79	23.5	25.1	96	95	Calm	Calm	10	10	71.4	57.81	56.97	23.9	28.6	97	80	NNE 0	SSW 2	10	10	68.6
23	55.89	55.47	26	27	92	87	SW 2	E 0	10	10	175.3	58.43	57.40	23.5	26.3	96	80	Calm	SW 2	10	10	57.2
24	56.21	55.86	24.6	26.6	96	88	SW 1	S 3	10	10	25.4	58.87	58.43	24	24.5	92	93	NW 2	NW 0	10	10	34.3
25	58.39	56.73	23.8	29.1	94	60	SW 2	SSW 3	10	6	7.4	59.73	59.12	25.9	29.3	88	76	NNW 1	SW 1	10	10	4.3
26	57.98	57.61	23.6	29.3	93	82	NNE 1	SW 2	10	10	3	59.37	58.13	23.6	27.1	97	76	Calm	SW 2	10	10	41.4
27	57.49	56.66	26.6	28.5	95	85	W 1	W 2	10	10	36.8	57.23	55.64	23.4	28.6	97	84	Calm	NW 1	10	9	25.9
28	56.29	55.90	24	26.6	96	84	NNE 1	SW 2	10	10	8.9	56.14	55.96	24.1	25.1	94	92	W 1	SW 3	10	10	42.2
29	55.48	55.28	26.4	27.1	90	87	SSW 4	S 5	10	10	.6	58.04	58.32	25.6	27.6	88	84	SW 1	SW 0	10	10	20.6
30	56.76	56.70	28	29	77	74	S 5	S 3	10	10	19.6	59.10	58.97	22.6	24.5	95	92	N 1	Calm	10	10	33.2
31	57.90	57.36	24	29.6	96	84	N 0	S 2	10	5	16.3	59.11	57.40	23	27.5	97	84	NNE 0	NNE 1	10	10	18.3
Mean	57.57	56.99	25	28.3	91.4	81.6	1.9	2	9.4	9.1	------	58.08	57.47	24.3	27.7	93.8	83.5	0.8	1.4	9.5	9.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	837.1	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	754.1

SAN JOSE BUENAVISTA.

[$\phi=10° 44'$ N; $\lambda=121° 55'$ E; barometer above sea, 5.4 meters; gravity correction not applied, −1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.60	55.85	24.6	25	94	93	NW 1	N 0	10	10	19.8
2	55.08	54.55	24.9	26.5	92	85	NW 3	W 3	10	10	31
3	55.06	55.40	25	25.8	92	88	SW 5	SW 6	10	10	36.1
4	56.54	55.94	24.9	27	89	88	SW 4	SW 4	10	10	24.1
5	58.28	57.72	25.1	27.6	95	87	SW 2	SW 3	10	9	6.6
6	58.87	57.80	24.1	31.1	95	78	Calm	SW 2	10	3	------
7	58.86	58.22	22.1	31.1	90	71	NE 1	W 1	5	5	------
8	58.86	58.25	23.5	31.1	91	71	NE 1	W 1	6	5	.3
9	58.22	57.02	26.6	30.5	90	76	SW 1	SW 2	10	9	10.7
10	56.99	55.96	24	28.9	96	82	Calm	SW 2	8	10	2.3
11	56.68	56.59	26.6	27.9	83	84	S 3	S 3	10	10	10.9
12	58.74	57.64	25.5	30.6	92	74	Calm	SW 2	10	3	------
13	59.50	58.56	22.7	31.5	90	73	NE 1	N 2	6	2	------
14	59.93	58.77	22.5	30.7	91	72	E 1	NW 2	10	9	13.7
15	58.96	58.10	23.6	28.4	95	82	NE 1	Calm	10	10	27.5
16	58.76	57.79	24.1	29.8	96	78	Calm	SW 2	10	9	19.8
17	59.35	58.95	24.5	26.4	96	91	Calm	Calm	10	10	19.1
18	59.41	58.27	23.2	28.4	94	82	SE 1	SW 0	10	10	1
19	59.63	58.60	22.9	28.6	93	80	E 1	Calm	10	10	1
20	59.42	57.37	23.6	28.4	95	78	Calm	N 2	10	10	1.5
21	58.12	57.19	23.4	26	93	94	E 0	N 0	9	10	130.8
22	58.56	58.29	22.8	28	97	67	E 1	SW 2	9	9	.3
23	60.32	58.87	23.6	30.5	91	77	SE 1	SW 2	6	8	------
24	59.43	58.41	22.6	28.6	95	81	ESE 1	Calm	4	10	.3
25	58.83	57.76	22.9	30.1	93	74	NE 1	NW 1	10	10	7.7
26	58.87	57.71	23.6	30.8	95	73	NNE 0	NW 2	5	8	3
27	59.37	58.34	23.5	31	92	70	NE 1	NW 1	3	6	------
28	58.78	57.48	23	32.4	95	69	NE 1	WSW 2	5	4	21.6
29	59.07	58.79	23.5	24.9	95	96	NE 1	W 2	10	10	45.5
30	58.59	57.42	22	30.5	96	75	NNE 1	SW 1	9	6	3.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.49	57.59	23.8	28.9	93	79.6	1.1	1.7	8.5	8.2	------
Total	------	------	------	------	------	------	------	------	------	------	437.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm*
1	58.76	58.17	23	31	96	72	NE 1	N 1	4	10	------
2	58.83	57.40	22.6	30.9	91	73	NE 1	SW 1	2	10	5.6
3	58.59	57.71	23.4	30	97	77	NE 1	SW 1	7	9	------
4	59.50	58.21	23.7	28.5	94	82	NE 1	SE 1	10	10	------
5	59.02	57.87	23.4	30.2	92	73	E 1	NW 1	7	10	------
6	58.33	57.26	22.6	31	95	71	NE 1	SW 2	3	9	------
7	59.05	58.12	23.2	28	91	81	NE 1	W 1	9	9	------
8	59.08	57.99	22.5	29.7	91	73	NE 1	W 1	3	10	2.5
9	57.83	56.02	22.1	30.5	92	68	NE 1	N 2	9	10	------
10	56.56	55.83	24.5	27.5	92	87	NNE 1	Calm	10	10	52.8
11	56.01	54.07	24.5	27.2	96	88	E 1	WNW 2	10	10	21.8
12	55.14	54.79	26.1	26.6	89	90	N 2	SSW 3	10	10	52
13	55.40	54.46	26.4	26.9	89	88	S 5	S 6	10	10	44
14	55.98	54.60	25.4	27.2	93	87	S 4	S 5	10	10	47.3
15	57	57.63	24.6	27.6	94	77	W 2	SW 3	10	10	------
16	59.02	58.52	24.2	28	93	81	NE 1	SSE 3	10	10	21.3
17	59.62	58.86	24.1	26.1	95	94	NE 1	Calm	7	10	45.8
18	60.28	58.71	22.9	29.6	97	75	Calm	NW 1	9	8	23.1
19	60.27	59.17	24	29.7	96	77	NE 1	SW 2	10	10	.8
20	60.48	59.37	23.5	26.6	92	87	N 0	NW 1	10	10	15.8
21	60.15	58.65	23	28.9	96	78	NE 1	NW 1	10	10	------
22	60.05	58.43	23.6	29.9	95	68	NE 1	NW 2	5	8	------
23	59.13	57.82	23.5	30.4	91	70	NE 1	NW 1	9	10	19
24	58.92	58.58	23.5	29.1	93	77	NE 1	S 2	8	10	------
25	60.26	59.12	22.1	29.5	95	70	NE 1	NW 1	8	10	------
26	59.99	58.01	21.9	31	92	59	NE 1	NW 2	4	1	------
27	59.59	58.34	20.5	30.9	91	60	NE 1	NW 1	2	1	------
28	60.01	58.89	21.4	30.4	96	63	NE 2	NW 1	5	1	------
29	60.43	58.77	23.4	30.6	90	71	NE 1	SW 1	10	9	------
30	59.71	58.49	22.8	31.1	93	66	NE 0	NW 1	10	10	.5
31	58.42	58.34	23.5	27.5	92	85	Calm	NE 0	10	10	7.7
Mean	58.76	57.68	23.4	29.1	93.2	76.4	1.2	1.6	7.8	8.9	------
Total	------	------	------	------	------	------	------	------	------	------	360

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.02	58.31	23.4	29.1	93	75	NE 1	NW 1	10	10	2.5
2	59.23	58.52	22.7	30	95	72	NE 1	SW 2	6	10	.3
3	59.62	58.12	23.1	30.5	95	71	NE 1	NW 2	5	4	------
4	59.56	58.43	23.2	31.4	94	70	NE 1	NW 2	4	10	------
5	59.37	58.85	23.6	26.4	91	89	NE 2	NE 0	10	10	6.6
6	59.50	58.25	23.4	29.7	95	78	NNE 1	NW 1	9	10	4.9
7	59.10	58.01	24	31.3	96	70	NNE 1	NNW 1	10	10	------
8	59.86	58.73	26?	26.6	87?	87	SSE 2	Calm	10	10	28.2
9	59.24	57.49	23.9	32.1	97	66	NE 0	NNW 1	10	10	------
10	59.51	57.75	22.5	31.4	90	64	NE 1	W 1	7	8	------
11	59.08	58.45	21	31.5	88	63	NNE 1	WNW 1	8	10	------
12	59.71	59	22	31.9	92	63	NNE 1	W 1	5	6	------
13	60.11	58.72	21.4	30.5	92	62	NNE 2	NW 2	9	9	------
14	60.28	59.02	21.9	30.4	75	48	NNE 1	NNW 1	10	6	------
15	60.34	59.93	19.7	27.5	89	73	NNE 1	NNW 2	10	10	4.1
16	61.41	60	21.8	30	93	65	NNE 1	SSW 1	9	9	------
17	60.53	59.27	22	31.2	91	64	NNE 1	N 1	9	3	------
18	61.59	59.97	22.1	30.6	91	68	NNE 1	N 1	1	8	------
19	60.78	59.91	22.6	31.1	95	67	NNE 0	N 1	1	4	------
20	61.40	59.96	22.5	31.5	90	56	NNE 0	NW 2	1	1	------
21	60.82	59.22	22.1	31.5	91	63	NE 0	NW 1	2	1	------
22	59.42	58.61	21	31.5	91	67	N 1	NW 1	0	8	------
23	60.69	59.57	21	31.1	95	62	NNE 0	N 2	1	4	------
24	61.04	59.88	20.3	29.5	89	68	NNE 1	NW 2	0	9	.8
25	60.77	59.38	21	30.5	95	56	Calm	NNW 3	1	1	------
26	59.06	58.12	20.7	30.6	94	58	NNE 0	NW 1	2	1	------
27	58.12	57.12	21	30.2	91	67	NNE 0	W 1	1	1	------
28	58.88	57.96	21.9	31.5	91	65	NE 1	NW 1	1	6	------
29	59.02	58.11	21	31.6	88	65	NE 1	NW 1	2	1	------
30	59.28	58.56	22.6	30.9	90	66	NNE 1	NW 1	0	8	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.88	58.77	22.2	30.5	91.5	66.9	0.8	1.3	5.1	6.6	------
Total	------	------	------	------	------	------	------	------	------	------	47.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.37	58.50	23	31.6	92	62	NNE 0	NW 1	1	5	------
2	59.71	59.07	21.5	32.1	91	60	NNE 0	NW 1	0	3	------
3	60.35	60.06	20.1	31.5	90	54	N 1	W 1	5	1	------
4	60.95	60.51	20.2	30.5	93	63	NNE 0	W 1	1	8	------
5	61.28	59.69	21	31.6	90	59	N 1	N 1	7	5	------
6	60.79	59.30	21	33.1	87	57	N 0	N 1	9	5	------
7	60.03	58.82	23	29.6	79	63	Calm	N 1	10	10	------
8	59.16	57.61	23.6	31.5	87	61	Calm	W 1	9	8	------
9	58.77	57.81	23.1	32	85	54	Calm	WNW 2	10	7	------
10	59.26	58.52	24	32.5	87	52	Calm	N 1	5	2	------
11	59.07	57.54	23.4	31.6	84	65	Calm	W 2	2	7	------
12	58.97	57.25	22.5	32	91	63	Calm	W 1	1	1	------
13	58.73	57.75	23	30.4	87	66	Calm	WNW 1	4	6	------
14	57.32	56.94	24.6	32	79	63	Calm	W 1	10	9	------
15	58.12	57.45	23.5	29.5	92	71	Calm	WNW 1	8	10	0.3
16	59.49	57.83	24	31.5	91	66	N 0	N 1	10	10	------
17	59.55	58.57	22.4	32	88	60	Calm	N 1	10	5	------
18	59.35	59	22.5	31.6	91	65	NNE 0	NNW 1	5	4	------
19	60.11	59.27	21.6	32	95	61	NNE 0	NW 1	10	10	------
20	60.99	59.34	21.7	31.5	90	60	Calm	W 1	10	9	------
21	60.74	58.96	21.5	28.6	91	69	Calm	W 1	10	10	------
22	59.27	57.69	23.1	27	90	88	Calm	Calm	7	10	5.1
23	58.77	58.02	23.4	31.1	91	62	NNE 1	W 1	8	8	------
24	59.42	58.07	21.3	31.5	83	63	NNE 1	N 2	5	9	.8
25	59.15	58.46	22.5	30.1	93	68	Calm	NW 2	8	5	3.3
26	59.57	58.63	23.1	29.5	95	72	N 0	NNW 2	7	9	25.9
27	59.52	58.41	23.5	29.4	96	72	NW 0	NW 2	10	10	.8
28	59.52	58.50	24.4	29.9	93	72	Calm	NW 1	10	10	------
29	60.76	59.46	22	30.5	92	56	Calm	WSW 0	9	9	------
30	61.59	61.46	22.7	30.1	95	73	Calm	NW 2	8	10	10.2
31	62.49	61.17	23.5	29	96	72	Calm	NW 1	10	9	------
Mean	59.75	58.70	22.6	30.9	89.8	64.3	0.1	1.2	7.1	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	46.4

CUYO.

[φ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.22	58.15	26.4	29.5	83	76	NNE 2	NNE 2	8	7	------
2	58.45	56.86	26.4	29.3	86	73	NE 2	NE 2	8	8	------
3	58.47	57.87	25.9	29.2	82	74	NE 2	NNE 2	9	8	------
4	58.79	58.61	26.2	27.6	90	81	NNE 3	NE 3	10	10	------
5	58.62	57.82	26.4	27.8	86	81	NE 2	NNE 3	9	9	------
6	58.67	57.22	25.9	28.3	83	74	NNE 2	NNE 3	9	9	------
7	58.13	57.02	25.5	28.1	84	78	NNE 2	NNE 2	10	9	------
8	58.39	57.78	25.9	28.7	85	77	NE 2	NNE 2	9	9	------
9	58.45	57.35	26	29.5	91	76	NE 4	NNE 2	9	9	------
10	58.39	57.20	26.1	29.3	94	77	NNE 2	NNE 2	8	7	------
11	58.77	57.93	25.4	29.4	93	74	NE 1	NW 1	9	8	------
12	59.53	58.17	23	29.3	89	59	N 1	NNE 2	9	9	------
13	60.33	59.13	22	29.6	93	63	NE 1	NNE 2	9	9	------
14	59.92	59.44	24.4	29.7	93	72	ENE 1	NNE 2	8	4	------
15	60.89	60.16	24.6	30	90	68	ENE 1	NNE 2	10	9	------
16	61.71	60.41	24.4	30.9	92	64	ENE 1	NW 1	9	5	------
17	60.97	60.12	26.4	30.6	89	67	NE 1	WSW 1	9	5	------
18	61.48	59.79	23.5	29.9	97	69	NE 1	NNE 2	8	8	------
19	60.57	59.75	25.4	30.1	89	69	NNE 2	NNE 2	9	8	------
20	60.87	60.07	25.1	30	88	69	NE 2	NE 2	9	8	------
21	61.22	60.27	24.4	29.9	93	69	SE 1	NNE 2	8	7	------
22	61.50	60.87	25.1	30.4	88	68	NE 1	NNE 2	9	6	------
23	61.57	60.32	25.5	29.9	82	66	NNE 3	NNE 3	9	8	------
24	61.53	60.25	25.9	29.4	87	74	NNE 2	NNE 3	9	8	------
25	62.12	61.20	25.9	30	86	69	NE 2	NNE 3	8	8	------
26	62.22	61.17	25.5	28.6	84	69	NE 3	NNE 3	9	9	------
27	62.31	60.82	25.4	28.4	77	65	NE 4	NE 4	9	6	------
28	62.14	60.93	24.4	28.4	69	66	NNE 4	NNE 4	9	6	0.1
29	62.26	61.17	25.1	27.1	81	78	NNE 3	NNE 3	10	10	.8
30	62.18	61.22	25.3	27	77	76	NNE 3	NNE 4	8	9	------
31	62.27	60.50	25.1	29	80	66	NNE 3	NNE 4	10	7	------
Mean	60.39	59.34	25.2	29.2	86.5	71.2	2.1	2.4	8.9	7.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	0.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	62.28	61.21	25.1	28.9	85	69	NE 2	NE 3	8	6	------
2	61.87	60.10	24.9	28.5	73	68	NNE 3	NNE 3	8	7	------
3	60.53	59.22	25.2	28.4	80	70	NNE 3	NNE 3	9	8	------
4	59.88	58.37	25.2	28.4	83	70	NE 2	NNE 2	9	8	------
5	60.12	59	25.2	29.4	84	72	NE 2	NE 2	8	8	------
6	60.42	59.10	25.5	28.9	90	76	NNE 2	NNE 2	9	8	------
7	60.32	59.10	25.9	31	85	63	NNE 2	NNE 2	9	6	------
8	59.83	58.85	24.9	31	83	60	NE 2	N 2	9	6	------
9	60.15	59.59	24.9	31	91	60	NE 1	N 1	9	8	------
10	60.95	59.92	25.4	30.1	87	70	NNE 2	NNE 2	8	4	------
11	60.86	60.26	25.6	29.1	81	70	NNE 2	NNE 3	9	7	------
12	61.87	59.81	25.1	28.7	90	73	NNE 3	NNE 4	10	6	------
13	61.44	60.60	25	25.9	86	80	NNE 3	NNE 3	9	10	1.3
14	62.34	61.66	24.7	29.3	85	66	NNE 1	NE 3	9	9	------
15	62.03	61.55	24.8	30	84	60	NE 1	NE 3	8	5	------
16	63.23	61.65	24.5	29.2	84	70	NE 2	NNE 3	9	5	------
17	60.94	59.80	25	29.3	82	59	NE 3	NNE 3	8	7	------
18	60.43	59.10	23.9	30.8	89	55	NE 1	NNE 1	8	4	------
19	59.46	58.52	24.9	30.2	77	60	NNE 2	NNE 2	9	6	------
20	58.47	57.66	25.6	30	78	67	NNE 3	NE 3	9	8	------
21	58.27	57.47	25.4	29.9	89	71	NE 1	NE 3	9	7	------
22	58.45	56.92	25.5	30.3	90	71	NNE 1	NNE 2	9	7	------
23	58.62	56.95	25.4	30.6	90	64	NNE 1	NNE 2	9	6	------
24	58.24	57.62	25.5	30.4	83	64	NNE 2	NNE 2	9	8	------
25	58.80	58.72	26.1	30.6	89	70	NNE 2	NNE 2	9	7	------
26	58.78	58.07	25.8	29.7	85	68	NNE 2	NNE 2	8	7	------
27	59.50	57.83	25.1	29.4	88	68	NNE 1	NNE 2	9	6	------
28	58.48	58.02	25.5	29.4	81	63	NNE 2	NNE 2	9	8	------
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	60.23	59.17	25.2	29.6	84.7	67	1.9	2.4	8.8	6.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	1.3

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.75	59.07	25.9	29.3	81	66	NNE 3	NE 3	8	8	------
2	60.15	58.88	25.5	28.4	86	70	NNE 3	NNE 3	9	8	------
3	59.57	58.05	25.4	28.9	83	69	NNE 3	NNE 3	8	7	------
4	58.74	57.60	25.1	29.9	87	67	NE 2	NNE 3	9	8	------
5	58.94	57.80	25	29.7	92	69	NE 1	NNE 2	8	7	------
6	58.54	57.62	25.8	30	88	71	NE 2	NNE 2	9	7	------
7	58.63	57.24	25.4	29.1	91	76	NE 1	NNE 2	9	9	------
8	57.37	56.56	25.9	30.4	92	72	NNE 1	NE 2	9	8	------
9	56.87	55.82	26.1	31.3	88	70	NE 2	NE 1	9	8	------
10	57.32	57.30	26.3	30.6	90	73	NE 1	NE 1	9	9	------
11	58.43	57.66	25.9	30.4	88	64	NE 1	NE 2	9	6	------
12	58.61	57.25	25.5	31.1	93	69	NE 1	NE 2	8	7	------
13	58.37	57.31	26.1	31.4	89	68	NE 2	NE 2	8	6	------
14	59.33	57.95	25	31.6	92	63	NNW 1	NE 2	8	6	------
15	58.77	57.47	26.4	31.7	86	62	N 2	NE 2	8	7	------
16	58.60	57.54	25.4	30	87	64	NNE 1	NE 3	9	3	------
17	58.58	57.27	25.9	30.9	87	65	NE 2	NE 2	8	7	------
18	58.57	57.86	25.9	31.8	91	63	NE 1	NE 2	9	6	------
19	57.84	58.02	26	30	88	64	NE 2	NE 2	9	9	------
20	58.82	58.25	25.5	31.6	88	62	NE 1	NE 2	9	9	------
21	58.33	57.32	25.4	29.9	90	67	NE 1	NE 2	9	9	------
22	58.16	58.01	23.2	30.5	92	63	NE 1	NE 2	9	8	------
23	57.20	56.72	25.9	31.6	83	60	NE 1	NE 2	8	7	------
24	58.84	58.62	26.1	31.3	85	66	NNE 2	NNE 2	9	8	------
25	59.44	59.22	26.1	31.8	78	56	NNE 3	NE 3	9	8	------
26	59.20	58.47	26	31.1	82	66	NNE 2	NE 2	8	3	------
27	60.23	59.08	24.9	31.1	87	58	NNE 1	NNE 2	8	7	------
28	60.43	59.40	26.1	31.1	82	56	NE 2	NNE 3	8	8	------
29	59.75	58.82	25.9	30.6	85	69	ENE 2	NE 3	8	7	------
30	59.67	59.13	25.9	31.3	80	55	NNE 2	NNE 2	9	8	------
31	59.58	58.59	25.7	30.6	87	67	NNE 2	NE 2	9	8	------
Mean	58.79	57.93	25.7	30.6	87	65.5	1.7	2.2	8.6	7.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.33	58.37	25.4	32	85	61	NNE 1	N 2	9	7	------
2	58.99	57.59	26.1	30.9	86	64	NNE 1	NNE 2	10	8	------
3	58.85	57.67	26.4	31.6	82	61	NNE 2	NNE 2	9	7	------
4	58.50	58.20	26.1	31.4	79	65	NNE 2	NE 2	9	7	------
5	59.13	58.10	26.4	31	82	65	NNE 1	NNE 2	9	9	------
6	58.94	58.10	25.1	30.9	92	63	NNE 1	NNE 2	9	7	------
7	57.95	57.75	24.5	28.9	90	76	SE 1	SW 1	8	9	3.3
8	57.98	58.03	24.5	30.9	94	68	NW 1	NW 1	9	7	------
9	58.49	57.96	26.4	32.1	82	55	NNE 2	NNE 2	8	6	------
10	58.54	57.90	26	30.4	85	68	N 1	NE 2	9	8	------
11	58.62	57.60	26.4	32	83	62	NE 2	NE 2	8	7	------
12	58.76	57.75	26.9	31.5	85	63	NE 2	NNE 2	8	8	------
13	59.16	57.53	26.4	32.5	92	62	N 1	NNE 1	9	8	------
14	59.43	58.37	27.2	29	89	78	S 2	SSW 2	8	9	------
15	58.72	57.47	24.9	30.8	91	72	Calm	SW 1	9	8	1.3
16	58.23	57.10	25	29.4	94	80	Calm	SSW 1	9	9	20.6
17	58.82	57.75	24.6	31.5	96	68	Calm	NNW 1	10	8	1
18	59.30	57.96	25.4	31.8	92	66	S 1	N 1	9	9	------
19	58.60	57.88	24.9	31.2	93	69	S 1	NNW 1	9	8	------
20	58.76	58.39	26.6	29.6	89	72	NNE 1	NNE 1	9	10	------
21	58.91	57.95	26.4	31.6	90	66	NE 1	NE 1	10	9	------
22	58.61	58.05	25.6	32.5	93	59	Calm	NE 2	10	9	------
23	57.75	56.54	26.4	33	90	59	NE 1	NE 2	9	9	------
24	56.57	55.74	27.5	33.1	81	56	NNE 2	NNE 2	9	8	------
25	56.77	55.98	27.1	33.1	82	56	NE 2	NNE 3	9	6	------
26	55.96	56.30	26.9	32.5	87	59	NE 1	NNE 2	9	9	------
27	58.96	56.91	27.2	31.5	82	60	NNE 2	NE 3	9	7	------
28	56.84	55.93	27	31.6	82	66	NE 1	NE 3	9	7	------
29	57.01	56.04	27.4	31.4	84	62	NNE 2	NE 3	10	9	------
30	56.75	55.98	26.9	32.5	90	58	NNE 1	NNE 2	9	8	1
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.31	57.43	26.1	31.4	87.4	64.6	1.2	1.8	9	8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	27.2

CUYO.

[φ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.67	56.42	27.4	80.9	86	65	NNE 2	NNE 3	9	9	------
2	56.82	56.25	26.8	32.1	77	61	NNE 1	NNW 2	8	7	------
3	57.71	56.75	27.4	33.1	82	63	N 2	N 3	8	8	3.3
4	57.34	56.26	26.9	31.2	86	69	NNE 3	N 3	8	8	.8
5	56.58	54.90	27	31.5	81	66	NNE 3	N 3	8	9	49.3
6	54.14	53.52	27.4	28.4	91	85	W 6	W 7	10	10	43.3
7	55.97	56.57	25.1	25.4	96	93	SSE 5	SSE 4	10	10	38.6
8	56.78	56.40	25.6	28.9	98	83	SSE 3	S 3	10	10	16.5
9	56.95	56.70	25.4	30	95	80	SSW 3	SSW 3	10	10	11.2
10	57.83	57.33	25.6	32.1	96	72	SSW 3	SSW 3	10	8	.8
11	58.69	58.05	26.1	31	95	76	SSE 1	S 2	8	9	------
12	59.45	58.14	25.3	32.6	96	70	SSE 1	SSW 2	9	7	------
13	59.32	57.75	25.7	31.9	96	67	SE 1	WSW 2	9	7	------
14	58.32	56.94	26.7	32	95	70	SSE 1	NW 2	8	6	------
15	58.21	57.87	25.9	32.2	94	68	S 1	S 2	8	8	------
16	59.24	58.13	25.4	32.4	95	69	SSE 1	S 2	9	7	------
17	59.66	58.64	26.6	31.1	92	75	NW 2	W 1	8	10	16.3
18	59.51	58.46	25.1	31.4	94	73	S 1	NNE 2	10	10	.3
19	59.12	57.87	27.4	29	90	76	NNE 1	SSW 2	10	9	------
20	58.97	57.84	24.9	32.4	96	68	Calm	NNW 1	8	8	------
21	57.82	56.99	25.9	32.9	92	64	ENE 1	NE 2	8	8	------
22	57.72	57.02	27.6	30.9	81	74	NNE 2	NE 2	9	10	1.3
23	57.25	56.28	27.4	31.5	86	72	NE 2	NNE 2	10	8	------
24	56.72	56.55	25.6	28.9	96	77	SE 1	S 2	10	10	16.8
25	58.85	57.64	23.9	27.9	97	79	SSE 1	SE 1	10	10	2.5
26	58.92	58.29	24.9	27.9	95	82	Calm	SSW 1	10	10	29.3
27	59.03	58.10	24.4	30.4	97	83	ESE 1	SW 1	10	9	8.2
28	58.32	56.95	24.6	31.6	93	69	E 2	S 2	10	8	------
29	57.57	57	24.9	32.8	96	65	NE 1	SW 2	10	7	13.5
30	58.09	57.20	24.8	32.4	97	69	SSE 1	NNW 2	9	8	------
31	58.48	56.63	28.2	31.5	85	66	NE 2	NNE 2	9	6	------
Mean	57.94	57.08	26	30.9	91.8	72.5	1.8	2.3	9.1	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	252

JUNE.

Day.	Pressure. 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.10	56.35	27.6	32.1	84	66	NE 1	NE 2	10	8	------
2	57.05	56.34	28.4	32.4	84	68	NE 2	NNE 2	8	8	------
3	57.20	55.72	27.6	29.1	87	71	NNE 1	NNE 1	9	9	1
4	56.49	56.19	25.6	31.9	90	67	SE 2	SE 2	8	7	------
5	56.86	55.22	26	30	90	77	SSE 1	NNW 1	9	9	8
6	56.74	56.46	25.1	28.4	98	82	SE 1	WNW 2	9	10	1
7	56.57	56.17	25.1	29	96	80	Calm	Calm	10	9	------
8	56.80	55.97	25.4	29.9	93	80	Calm	SE 1	8	10	20.9
9	58.49	57.24	25.4	31.6	95	76	Calm	SSW 2	10	9	------
10	58.73	57.75	25.6	30	97	79	SSE 2	SSW 2	10	9	41.4
11	58.98	57.28	25	29.6	96	79	SE 1	SE 2	8	10	------
12	58.97	57.10	25.3	30.3	93	79	SE 2	S 2	10	10	3.8
13	59.26	57.47	23.4	28.9	93	79	SE 2	SSE 1	10	9	.8
14	58.59	57.43	25.5	31.7	97	74	SE 1	SSE 2	9	8	------
15	58.40	57.47	25.6	30.4	96	78	Calm	SSE 2	10	8	------
16	58.38	57.19	25.6	30.9	96	75	SSE 1	S 2	9	9	1.5
17	58.88	58	26	30.8	94	75	S 2	SSW 2	10	9	1.3
18	59.53	58.35	25.4	30.9	94	73	E 1	SSW 2	9	8	------
19	60.58	59.26	25.6	30.3	93	77	SE 1	SSW 2	7	8	1.5
20	60.45	58.85	25.4	31.6	94	71	S 1	WNW 2	8	9	2.8
21	60.10	58.84	25.6	28.5	96	78	SE 1	ENE 2	10	10	1.8
22	59.47	58.34	25	32.6	95	70	SSE 1	WNW 1	10	10	------
23	60	59.18	26.1	31.6	94	76	SSE 2	S 2	9	9	------
24	59.57	58.56	25	29.6	96	82	SSE 1	SE 2	8	9	6.6
25	59.73	58.94	24.4	29.9	97	76	ENE 1	NNE 2	10	9	------
26	58.78	57.77	24.9	31.1	96	72	SSE 1	NNW 2	10	9	39.4
27	58.49	58.15	25.1	30.4	97	79	SE 1	NNE 1	9	10	------
28	59.78	58.81	25	28.4	97	84	SE 1	S 1	10	10	.5
29	60.61	58.95	25.4	29.6	95	82	SE 1	NNE 1	10	9	------
30	58.94	57.03	25	32.4	95	68	SSE 1	WNW 2	8	9	22.1
Mean	58.65	57.55	25.5	30.5	93.9	75.8	1.1	1.7	9.2	9	------
Total	------	------	------	------	------	------	------	------	------	------	154.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.53	57.38	25.8	27.5	93	85	NW 3	SSW 1	10	10	18.3
2	59.32	58.88	24.9	29	98	81	NNE 1	SSW 1	10	10	2.5
3	58.69	58.69	24.6	32.2	96	67	SE 1	WNW 1	10	8	1.6
4	58.40	57.47	26.9	30.9	86	74	NE 1	NNE 3	8	8	------
5	57.48	56.80	25.3	30.9	94	75	SE 1	WSW 2	9	9	7.6
6	57.27	57.10	25.4	29.4	97	79	Calm	SSE 1	10	10	1.8
7	57.45	57.70	25.1	26.6	92	90	SSE 1	S 3	10	10	12.9
8	58.31	57.34	24.6	30.6	96	75	SE 1	SW 2	10	8	------
9	58.34	57.41	26.4	30	90	77	SSE 2	S 2	9	9	54.6
10	58.76	57.43	23.4	26.6	97	86	SSW 3	S 1	10	10	2.3
11	57.84	57.78	25.3	25.2	93	93	NW 2	Calm	10	10	3.1
12	58.75	58.12	24.4	29.4	95	81	N 3	WNW 1	10	10	1.3
13	58.19	57.41	25.4	30.4	93	74	Calm	SW 1	10	10	1.8
14	56.19	55.17	26.9	26.3	90	90	NNW 2	NW 3	10	10	134.6
15	54.69	53.47	24.1	27	97	85	WSW 4	WSW 5	10	10	1.5
16	53.96	54.84	26.6	27.9	86	86	SW 5	SW 4	10	10	22.3
17	55.97	56.82	25.9	29.4	89	81	SSW 3	SSW 3	10	10	------
18	56.97	56.56	25.5	31.4	94	79	SSW 3	SSW 3	10	10	49.2
19	56.91	56.29	26.6	81.9	89	74	WNW 4	SSW 3	10	8	7.8
20	57.91	57.36	26.6	31.9	89	74	SSW 2	SSW 2	9	8	------
21	57.26	57.14	27.4	31	86	77	SSW 3	SSW 2	9	9	40.1
22	57.13	56.68	25.4	25	96	93	SSW 1	SSW 3	10	10	48.8
23	55.25	55	26.1	26.4	92	90	SSW 3	SSW 3	10	10	134.3
24	55.43	55.19	24.8	30.4	90	83	SW 3	SW 4	10	10	------
25	57.39	56.52	24.9	29.9	93	79	SSW 3	SSW 2	10	10	8.1
26	57.73	57.29	26.4	30	94	80	S 2	S 2	10	10	1.8
27	57.26	56.60	26.8	29.4	94	84	SSE 2	SSW 2	10	10	38.9
28	56.24	55.08	24	26.9	96	87	SW 3	SSW 3	10	10	5.6
29	54.53	54.45	27	28.1	89	88	SSW 4	SSW 5	10	10	11.9
30	56.02	56.15	27	30.2	89	76	S 4	SSW 3	10	10	9.4
31	57.44	57.04	26.9	32.4	88	74	SSW 3	SSW 3	10	10	1.3
Mean	57.15	56.68	25.7	29.2	92.3	81.2	2.4	2.4	9.8	9.6	------
Total	------	------	------	------	------	------	------	------	------	------	623.4

AUGUST.

Day.	Pressure. 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.91	56.71	27	31.4	89	76	SSW 2	SW 2	10	10	1.8
2	57.37	57.47	25.6	30.4	97	78	SSE 1	S 1	10	10	------
3	58.05	57.18	26.4	31.4	90	73	SSW 2	SW 1	9	9	------
4	58.48	57.45	26.1	30	94	80	SW 2	SSW 2	9	10	------
5	57.13	56.81	26.9	29.6	90	85	SSW 2	SSW 3	9	10	40.7
6	57.22	56.87	24.9	26	97	90	SSW 2	SSW 3	10	10	16.3
7	57.39	57.58	26.1	26.6	92	83	S 2	S 2	10	10	48.2
8	58.22	57.99	25.9	30.6	94	78	S 2	SSW 2	8	9	16.8
9	59	58.66	24.6	27.5	97	81	SSW 2	SSW 2	9	9	1
10	58.55	57.85	25.3	29.9	94	76	SSW 1	SSW 2	8	8	27.9
11	57.26	56.65	24.9	30.6	96	80	SSE 2	SSW 2	10	10	3.8
12	57.58	56.26	25.7	31	94	72	SSW 2	SSW 2	9	9	1.5
13	57.13	56.61	24.9	29.4	97	79	SSE 1	WNW 2	10	10	13.5
14	57.29	56.72	24.4	28.4	97	88	WNW 1	SW 1	10	10	19
15	55.74	55.01	25.9	27.6	94	86	WSW 2	WSW 3	10	10	16.8
16	55.34	55.71	25.9	30.9	94	80	SSW 3	SSW 3	10	10	3.8
17	57.70	58.07	25.1	30	97	80	S 1	S 1	10	9	2.3
18	58.89	58	25	29.4	98	82	NE 1	NNE 2	10	9	1.5
19	57.57	56.24	26.5	30.4	93	74	NE 1	NNW 2	10	9	1
20	57	56.47	25.4	29.9	98	77	SSW 2	SW 2	9	10	------
21	57.18	57.03	24.9	25.1	93	94	SSE 1	S 1	9	10	57.1
22	57.51	56.42	23.9	27.4	97	87	SSE 1	S 2	10	9	29
23	57.87	56.69	23.9	27.5	96	84	SSW 2	SSW 3	10	10	4.6
24	57.65	57.22	26.5	29.5	89	81	SW 3	SSW 2	10	10	77.3
25	59.14	58.79	24.4	30.4	97	77	NE 1	SSW 2	10	10	2.3
26	59.24	57.40	25.9	31.4	90	77	SSW 2	SSW 2	9	9	61.7
27	56.58	55.08	24.8	26.9	98	87	SW 3	SW 3	10	10	5.9
28	55.48	55.02	25.5	27.9	88	80	WSW 4	SW 4	10	10	------
29	57.58	57.78	25.9	28.2	85	77	SW 4	SW 2	10	10	1
30	58.77	57.91	25.9	29.2	95	81	WSW 2	WSW 1	10	10	7.6
31	58.58	57.12	24.4	29.9	93	74	WNW 3	WNW 2	10	7	14.8
Mean	57.59	56.99	25.4	29.2	94	80.5	1.9	2.1	9.6	9.5	------
Total	------	------	------	------	------	------	------	------	------	------	477.2

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, −1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.40	55.39	25.6	28.4	92	89	WNW 3	NNW 4	10	10	72.1
2	54.95	54.48	26	26.4	88	87	WNW 4	SW 4	10	10	9.1
3	54.06	54.22	26.4	28	86	82	SSW 4	SSW 4	10	10	------
4	55.38	55.18	27	29.4	83	76	SSW 4	SSW 4	10	10	153.4
5	58.75	57.22	25.6	28.6	96	84	S 3	SW 3	10	10	14.5
6	58.63	57.81	24.3	30.5	96	79	SSE 1	S 1	10	8	------
7	58.75	58.16	25.4	31	98	76	S 1	SW 2	8	8	------
8	58.69	57.84	24.9	30.9	98	74	SSW 1	WSW 2	9	9	------
9	58.01	56.83	26.9	30.9	90	79	SW 2	SW 2	10	10	2
10	56.63	55.40	25.4	29.9	94	80	SSW 1	SSW 2	10	10	------
11	56.07	56.02	27.4	27.6	87	86	SSW 3	SSW 3	10	10	------
12	58.27	57.56	26.3	30.6	88	76	S 2	S 2	10	9	------
13	59.56	58.47	24.4	30.9	97	73	Calm	S 1	9	7	------
14	59.55	59	26.4	30.7	87	72	NW 2	NW 2	9	9	------
15	59.01	57.93	26.9	31.6	86	72	NW 2	W 2	9	9	1.3
16	58.41	57.55	26.5	30.4	94	76	S 2	SW 2	10	9	.8
17	59.28	58.25	25.4	30.6	95	76	S 1	SW 2	9	9	2.3
18	59.39	58.06	24.4	30.4	96	78	Calm	W 2	10	10	1.8
19	59.45	58.42	24.9	30.8	96	74	Calm	NNW 2	10	10	2
20	59.56	57.80	25	29.4	92	67	NNW 2	NW 2	10	10	17
21	58.19	57.13	24.4	25.4	97	93	S 1	Calm	10	10	20.1
22	58.30	58.06	24.4	30	97	77	S 1	SW 2	10	10	12.4
23	60.06	58.67	24.7	30.4	92	76	SE 1	SW 2	10	8	12.4
24	59.36	58.27	24.4	30.4	96	76	E 1	WSW 1	9	9	2.3
25	58.64	57.65	26.4	30.2	90	76	NNE 2	NNE 2	9	9	14
26	58.59	57.66	25.2	31.1	95	73	E 1	SSE 2	9	8	------
27	59.19	58.01	24.7	31.4	95	68	SSE 1	N 2	10	4	------
28	58.68	57.95	25.9	29.7	94	79	ENE 1	N 2	7	10	27.2
29	59.35	58.59	24.2	25.9	97	92	Calm	WSW 2	10	10	13.2
30	58.63	57.62	24	28.9	97	77	SSE 1	NW 2	10	9	17
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.26	57.37	25.4	29.7	93	78.1	1.6	2.2	9.6	9.1	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	894.9

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.62	58.04	25	30	97	76	NNE 1	N 1	9	9	1
2	58.72	57.20	24.4	30	97	75	SSW 1	NNW 1	10	9	2.5
3	58.25	57.60	24.9	29	95	82	Calm	NW 2	9	9	16.8
4	59.09	57.64	25	31.5	97	72	SSE 1	S 2	9	8	8.4
5	58.54	57.77	24.5	28.9	97	79	NE 2	W 1	10	10	5.3
6	57.94	57.27	23.4	26.6	97	88	SE 1	ENE 1	9	10	3.3
7	58.94	57,82	24.6	28.9	97	77	SSW 2	NW 2	10	9	11.7
8	58.88	57.64	23.9	28.9	96	83	Calm	N 2	8	8	6.1
9	57.52	56.18	24.6	26.9	96	89	E 1	N 1	9	10	------
10	56.53	55.60	25.5	30.4	97	72	WNW 2	WNW 2	10	10	------
11	55.51	53.97	27.4	29.3	85	79	W 3	W 4	10	10	1.8
12	54.98	54.35	27.4	28.7	86	82	WSW 5	SW 5	10	10	66.3
13	55	53.62	26.6	26.9	88	86	SW 5	SSW 6	10	10	6.1
14	55.29	53.64	26.5	26.9	86	86	SSW 6	SSW 6	10	10	15.3
15	56.92	57.14	25.6	27.4	92	85	SW 4	SW 4	10	10	1
16	58.53	58.27	26	30.9	89	70	WSW 2	WSW 2	10	10	2.3
17	59.47	58.42	25.2	29.9	94	75	N 2	S 2	10	10	4.1
18	60.28	58.61	25.1	27.9	97	84	SE 1	NE 1	10	10	21.8
19	60.14	59.12	24.1	25.4	99	93	S 1	Calm	10	10	31.8
20	60.34	59.16	25.3	28.6	96	81	N 1	NNW 1	10	10	1.3
21	60.16	58.82	24.4	29.4	96	74	SSE 1	NNE 2	10	10	------
22	59.68	58.52	24.4	29.9	97	77	N 1	NNW 2	10	10	4.6
23	58.87	57.98	25	26.5	92	89	ENE 1	SW 1	9	10	12.7
24	58.92	58.42	26.7	28.3	77	75	NNE 2	NNE 2	10	7	------
25	60.12	59.15	25.9	29.5	80	71	NE 2	NE 2	10	9	------
26	59.77	58.10	25.9	29	69	62	NE 2	NE 2	10	6	------
27	59.27	58.20	25.4	29.4	85	70	NNE 1	NNE 2	10	9	------
28	59.73	58.92	25.9	29.6	85	72	NNE 1	NNE 2	10	7	------
29	60.18	58.90	26.4	29.4	79	74	NNE 2	NNE 2	8	8	------
30	59.85	58.50	26.5	29.4	85	72	NNE 2	NNE 2	8	7	------
31	58.62	57.92	26.6	27.9	86	82	N 2	N 2	8	10	23.4
Mean	58.54	57.50	25.4	28.8	90.6	78.5	1.9	2.2	9.5	9.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	247.6

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.78	58.36	23.8	28	97	82	Calm	Calm	10	10	------
2	59.38	58.31	26.4	30	90	75	N 2	NNE 2	10	10	------
3	59.72	58.26	26.4	30	91	72	NNE 1	NE 2	8	7	------
4	59.22	58.35	27.2	29.9	87	76	N 2	N 2	8	8	------
5	59.22	58.55	26.9	30.4	90	75	N 2	NNE 2	8	8	------
6	59.22	58.34	26.9	30.4	86	78	NNE 2	NNE 2	8	7	------
7	59.01	58.16	27.1	29.5	89	80	NE 1	NNE 2	10	10	------
8	59.72	58.57	26.4	29.1	90	80	NNE 1	NNE 2	10	10	1.5
9	59.22	57.82	26.9	29.3	87	80	NNE 2	NNE 2	10	10	------
10	59.42	57.56	26.6	29.9	83	74	NE 2	NE 2	10	8	------
11	58.93	58.35	26.4	29.4	83	76	NNE 2	NNE 2	10	9	------
12	59.75	58.77	26.4	29.9	84	71	NE 2	NNE 2	10	10	------
13	60.11	58.92	26.5	29.4	81	70	NNE 3	NNE 3	10	10	------
14	60.38	58.97	25.4	28.4	70	62	NNE 3	NNE 3	10	10	------
15	60.68	59.97	25.4	27.6	74	69	NNE 2	NNE 2	10	9	------
16	61.22	59.96	25.9	29.3	81	66	NNE 2	NNE 3	9	8	------
17	60.78	59.18	25.9	29.1	79	71	NNE 3	NE 2	8	6	------
18	61.57	59.92	26.1	29.4	84	71	NE 3	NE 2	8	8	------
19	60.60	59.92	26.4	29.9	83	74	NNE 3	NNE 3	8	8	------
20	61.17	60.05	26.3	30.4	87	70	NNE 1	NNE 2	10	6	------
21	60.68	57.55	26.6	29.4	84	72	NNE 2	NNE 2	8	6	------
22	59.22	58.52	26.4	29.1	86	76	NNE 2	NNE 3	8	4	------
23	60.46	60.11	26.4	29.4	83	71	NNE 2	NNE 3	10	10	------
24	60.92	60	26	28.4	82	72	NNE 2	NNE 3	8	8	------
25	60.61	59.75	25.4	28.6	70	65	NNE 3	NNE 3	10	8	------
26	59.07	57.93	26	28.9	81	67	NNE 2	NNE 2	10	8	------
27	58.03	57.12	23.7	30.6	91	66	NW 1	NW 2	9	8	------
28	58.79	57.65	22.6	29.9	97	70	SE 1	SE 2	9	6	------
29	59.13	57.82	26.1	29.6	90	72	NNE 1	N 2	9	5	------
30	59.28	58.62	26.3	29.6	88	78	NNE 2	NNE 2	10	10	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.81	58.78	26	29.4	84.9	72.7	1.9	2.2	9.2	8.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	1.5

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.56	58.42	26.2	29	85	74	NNE 2	NNE 2	10	7	------
2	59.67	59.10	26	29.1	85	71	NNE 2	NNE 2	8	7	------
3	60.42	60.10	26	29.9	83	63	NNE 2	N 1	10	5	------
4	61	60.45	25.9	29.5	85	63	NNE 2	NNE 2	10	8	------
5	60.91	59.86	26.1	29	84	71	NNE 2	NE 3	10	8	------
6	60.67	59.35	25.8	29.7	78	65	NNE 2	NNE 3	10	5	------
7	60.02	59.05	25.9	28.5	81	75	NNE 2	NNE 2	10	10	------
8	59.32	57.50	26.5	29.9	79	71	NE 3	NE 3	10	8	------
9	58.77	58.12	26.4	29.4	82	67	ENE 2	NE 2	10	6	------
10	59.45	58.90	26	29.3	82	72	NNE 2	NNE 2	10	6	------
11	58.55	57.64	25.5	29.7	84	74	NNE 3	NE 2	10	6	------
12	59.07	57.32	26.4	29.5	87	73	NNE 2	NNE 2	10	6	------
13	59.42	57.71	26.5	30	86	75	NNE 1	NNE 2	10	8	------
14	57.42	57.18	26.4	29	85	74	NNE 3	NNE 3	9	10	------
15	58.37	57.37	26.1	29.9	88	73	NE 1	NNE 2	10	10	------
16	59.23	57.92	26.9	59.6	86	78	NNE 1	N 2	10	8	------
17	59.70	58.62	26.4	29.3	82	73	NNE 2	NNE 2	10	8	------
18	59.51	59.25	26.2	29.4	89	76	NNE 1	NNE 2	10	8	------
19	60.26	59.52	26	29.1	86	76	NNE 2	NNE 2	10	7	------
20	60.97	59.50	26	29.7	85	72	NNE 2	NNE 2	10	8	------
21	60.50	58.93	26.2	28.5	79	78	NNE 2	NNE 2	10	10	------
22	59.18	57.71	26.4	29.1	86	76	NNE 2	NNE 2	10	9	------
23	58.82	58.20	26.4	29.4	90	75	NNE 2	NNE 2	10	9	------
24	59.44	58.55	25.9	28.9	79	74	NNE 2	NNE 2	10	9	------
25	59.12	58.73	26	28.4	82	77	N 1	N 1	10	9	1
26	59.71	58.44	24.5	30.9	95	72	Calm	N 2	9	8	9.4
27	59.35	58.63	25.9	28.9	82	73	NNW 2	N 2	10	10	------
28	59.82	58.72	25.9	28.9	81	73	N 2	N 2	10	7	------
29	61.02	59.65	25.4	28.3	78	70	NNE 3	NNE 3	10	8	------
30	61.87	61.44	26.4	29.4	86	76	NNE 2	NNE 2	10	10	------
31	61.99	61.20	25.9	28.4	79	72	NNE 3	NE 3	10	7	------
Mean	59.78	58.81	26.1	29.3	83.8	72.6	1.9	2.1	9.9	7.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	10.4

BORONGAN.

[φ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.04	58.78	26	26.1	90	88	E 3	E 2	9	8	10.9	63.06	62.62	25.8	27.2	78	65	NE 4	NE 4	10	9	------
2	59.65	57.91	23.5	29	96	68	Calm	E 3	6	6	2.6	62.43	61.52	25.5	24.7	80	86	NE 3	NE 3	10	10	37.3
3	59.03	58.27	24.5	27.5	96	87	E 2	E 2	5	9	46.2	61.17	61.06	24.6	24.5	87	91	NE 4	NE 4	10	10	12.9
4	60.04	59.61	24	26.7	98	90	E 2	E 1	10	10	28.1	60.70	59.81	23.4	23.3	93	96	Calm	E 1	10	10	41.9
5	59.73	58.89	26.1	26.3	91	88	E 2	E 3	8	10	18.8	60.75	60.43	23.5	26.3	96	83	Calm	E 1	8	6	12.4
6	59.39	58.11	24.7	28.3	97	75	ENE 3	NE 2	10	8	24.1	60.84	60.34	24.1	28.1	96	77	E 2	E 2	10	8	.5
7	58.80	58.25	23.9	26.5	97	86	NE 1	ENE 3	10	10	31	61.68	60.52	21.5	28.4	95	62	Calm	E 2	6	5	5.8
8	59.81	58.90	23.9	25.1	94	96	Calm	E 3	10	10	18	61.12	60.07	22.5	27.8	96	69	Calm	E 2	8	8	1
9	59	58.45	23.6	25.8	98	93	Calm	ESE 3	10	10	7.4	61.61	60.41	21	28.8	96	69	Calm	E 2	6	6	4.1
10	59.06	58.38	24.4	29.2	97	76	E 1	ESE 1	8	5	------	60.98	60.31	23.1	28.7	96	74	Calm	E 2	9	6	5.3
11	60.10	59.34	21.1	29.1	95	65	Calm	ESE 1	0	6	------	61.68	60.76	20.3	28.7	97	66	Calm	E 1	4	3	6.1
12	60.73	59.37	20.1	28.9	99	61	Calm	ESE 1	4	4	------	62.70	61.39	22.5	24	96	91	Calm	NNE 3	9	10	91.7
13	61.08	60.17	20.5	29	95	71	Calm	ESE 1	8	5	------	62.55	61.55	23.1	23.6	97	93	E 2	E 4	10	10	110.5
14	60.90	60.10	22.1	28.5	96	71	Calm	ESE 1	6	8	------	63.23	62.76	24.7	26.1	86	79	ENE 1	E 2	8	10	------
15	61.90	60.61	22.2	28.5	96	70	Calm	E 1	2	4	------	63.60	62.46	21.7	28.5	97	64	Calm	E 2	9	6	.5
16	62.73	60.66	20.6	28.6	98	66	Calm	E 2	5	3	------	64.11	62.56	21.1	28.5	97	67	Calm	ENE 3	8	9	3
17	61.71	60.23	20.2	29.2	98	67	Calm	E 1	0	4	.8	62.50	61.29	25	27.8	83	65	ENE 2	ENE 3	6	6	------
18	61.82	60.11	23	28.9	93	70	Calm	E 1	10	6	1.3	61.70	60.22	25.2	28.3	82	67	NE 2	E 2	4	5	2.5
19	61.38	60.57	20.1	28.5	99	68	Calm	E 1	5	6	13.5	61	59.50	25.2	26.6	79	77	E 2	NE 3	10	10	9.1
20	62.32	60.76	23.3	28.7	94	70	Calm	E 1	9	4	------	59.85	58.10	24.2	26.5	95	85	NE 1	E 3	10	10	11.4
21	62.01	60.83	20.5	29.5	95	68	Calm	E 1	2	4	------	59.66	58.28	22.7	25.2	97	90	Calm	E 1	5	10	25.4
22	61.91	61.58	21	29.2	96	64	Calm	E 2	5	5	.5	59.40	58.53	24.5	29.1	92	69	E 2	E 3	10	6	7.6
23	62.48	61.21	21.5	28.5	95	73	Calm	ENE 3	4	6	1	59.23	58.18	25.5	28.7	78	66	E 2	E 1	4	4	7.4
24	61.89	60.61	21.6	28.9	98	70	Calm	ENE 3	5	6	1.5	59.31	58.88	23.5	26.6	96	83	ENE 1	E 2	10	10	62.2
25	62.68	61.58	21.5	28.8	97	71	Calm	E 3	8	8	2.3	60.64	59.86	22.6	29	95	69	Calm	E 2	8	6	------
26	63.15	61.71	23	28	93	73	ENE 2	NE 3	8	9	7.1	59.69	58.38	20.1	28.7	97	67	Calm	E 2	2	6	6.1
27	63.42	61.83	25.3	26.6	74	69	NNE 4	N 4	9	10	5.1	59.66	58.19	22.9	26.1	97	83	Calm	NE 1	10	8	5.5
28	62.90	61.53	22.6	27.1	93	70	NNE 1	Variable 4	10	10	8.4	59.16	58.75	22.5	27.5	96	78	NE 2	ENE 3	10	10	67.8
29	62.80	61.48	24	24.6	93	98	NNE 3	NE 4	10	10	130.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	62.80	62.37	25.6	26.7	93	70	NE 4	NE 4	10	10	6.6	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	63.32	62.31	25.2	27.9	83	60	NE 4	NE 4	9	8	4.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	61.24	60.15	22.9	27.9	94.4	74.6	1	2.2	6.9	7.2	------	61.21	60.24	23.3	27	91.8	76.1	1.1	2.3	8	7.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	369.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	538

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.58	59.91	25	28.8	88	71	ENE 2	ENE 3	10	8	1.3	60.39	59.47	26.5	30	77	84	E 3	E 2	8	6	------
2	61.04	59.44	20.6	27.3	98	73	Calm	ENE 3	6	10	9.4	60	58.31	22.3	29.6	96	67	Calm	E 2	8	9	0.8
3	59.68	58.94	21.1	29	97	69	Calm	ENE 2	8	6	------	59.22	58.46	20.7	29	97	58	Calm	E 2	8	9	2.8
4	60.25	58.83	22	28.9	96	69	Calm	ENE 2	8	9	7.2	59.79	59.18	22.6	29.5	95	61	Calm	E 3	9	6	------
5	59.58	58.48	21.7	29.2	98	70	Calm	ENE 1	10	6	2.8	60	58.58	21.5	28.8	95	67	Calm	E 3	8	10	1.3
6	59.26	58.77	26	29.5	82	70	ENE 2	ENE 3	9	8	4.1	59.46	58.32	21.7	26.2	96	82	Calm	Calm	9	10	1
7	59.03	58.08	25.7	28.6	83	73	ENE 3	ENE 2	9	10	2.8	59	58.48	22.3	29	93	68	Calm	E 1	5	8	------
8	57.91	57.07	23.1	29.5	97	72	Calm	ENE 2	6	5	7.3	59.25	58.78	21	29	95	68	Calm	E 2	5	3	------
9	57.75	57.06	23.9	29.5	97	72	ENE 2	ENE 2	8	8	.8	59.48	58.57	21	29.2	95	67	Calm	E 2	3	9	1.3
10	58.40	58.90	25	27.4	87	80	ENE 2	Calm	8	10	10.9	59.32	58.16	23.4	25	93	92	Calm	NE 2	7	10	8.4
11	59.60	58.41	23.7	29	97	74	E 2	E 2	10	6	5.8	58.66	57.49	24.8	27.7	93	79	Calm	NNE 3	10	10	92.7
12	59.50	58.06	23.1	29.5	96	75	Calm	ENE 2	10	8	------	58.30	58.45	23.2	25.3	98	91	NE 3	E 2	10	10	101.1
13	58.95	57.96	22.9	28.2	97	80	Calm	E 2	2	8	1.6	60.70	59.12	24.2	26.7	95	86	ESE 3	ESE 2	10	10	9.4
14	59.31	58.41	22.8	29.2	97	74	Calm	E 2	3	8	9.4	60.23	59.35	24	25.8	98	93	Calm	Calm	10	10	38.1
15	60.39	59.26	24.6	28.6	98	71	NNE 2	NE 3	9	6	5.1	59.71	58.67	23.7	27.3	98	85	Calm	Calm	10	10	4.6
16	59.68	58.76	26.1	28.8	76	69	ENE 2	ENE 3	8	8	------	58.91	57.68	23	27.8	98	84	Calm	ESE 2	9	8	10.2
17	59.89	59.01	26.6	29.4	80	68	ENE 3	E 3	9	8	------	60.10	58.28	23.5	29.3	96	76	Calm	ESE 2	10	5	2
18	59.76	58.71	21.7	29.5	94	61	E 2	E 1	6	6	.8	60.09	59.37	23.5	29.8	96	73	Calm	ESE 2	4	6	.5
19	58.93	59.14	26.5	29.5	80	65	ENE 3	ENE 3	10	9	------	59.92	58.97	23.2	28.3	98	78	Calm	ESE 2	5	5	------
20	59.82	59.63	26.3	28.9	74	65	ENE 2	ENE 3	8	7	------	60.04	59.42	23	26	97	90	Calm	Calm	6	8	9.4
21	59.53	58.41	20.5	29.3	95	62	Calm	ENE 1	4	3	------	60.16	59.45	26.5	29.3	86	73	ESE 3	ESE 2	8	6	.6
22	58.48	58.12	21.2	28.7	95	73	Calm	ENE 3	9	6	.5	60.44	59.43	24	29.5	97	72	Calm	ESE 2	8	8	14.2
23	58.72	58.26	22	29.4	96	62	Calm	ENE 2	5	4	------	59.24	58.42	24	29.5	97	75	ESE 3	ESE 3	10	8	6.6
24	59.65	59.78	26	29.5	69	59	ENE 2	ENE 2	4	3	1.5	58.05	57.08	26.1	28.5	88	81	E 2	ESE 2	9	8	9.4
25	60.85	58.98	23.6	29.5	90	68	Calm	ENE 2	10	5	4.3	58.19	57.32	24.2	29.5	97	76	Calm	ESE 3	10	8	4.5
26	60.37	60.25	26.2	29.6	72	61	ENE 3	ENE 3	5	4	3	58.52	57.97	26.6	28.7	80	73	ESE 2	ESE 3	8	10	3.5
27	60.74	59.93	25.7	28.8	84	69	ENE 8	ENE 3	8	8	5.3	58.12	57.90	26.5	25.6	79	87	E 2	E 2	9	10	25.6
28	60.83	60.17	23.2	29.3	97	72	Calm	E 2	9	4	3.6	57.67	57.06	26.6	29.7	86	72	E 3	E 3	9	6	2.3
29	61.16	59.88	26	29.5	70	68	E 2	E 2	4	8	------	58.65	57.07	26.7	28.9	85	76	E 2	E 2	10	10	14
30	60.73	60.18	20.7	29.7	97	64	E 2	E 2	6	4	2.8	57.95	56.41	24	29.8	95	73	Calm	ENE 2	9	8	2.3
31	60.30	59.75	23.1	29	90	71	E 2	E 2	5	6	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.70	58.92	23.8	29.1	89.3	69.4	1.3	2.2	7.3	6.7	------	59.32	58.37	23.8	28.3	93	76.9	0.9	1.9	8.1	8.1	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	90.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	366.6

BORONGAN.

[φ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.11	56.47	23	29	97	68	Calm	ENE 2	10	10	0.3
2	57.11	56.24	22.7	28.8	96	79	Calm	ENE 3	9	8	29.8
3	58.25	57.81	24	24.3	96	94	Calm	Calm	10	10	69.1
4	56.51	55.61	24.6	25.3	96	86	Calm	N 3	10	10	99.8
5	47.57	45.69	24.2	-----	97	-----	NWbyN 6	ESE 12	10	10	240.5
6	56.47	55.82	-----	27.2	-----	86	SSE 4	SSE 2	10	9	38.6
7	57.90	57.34	-----	27.6	-----	84	Calm	SSE 2	9	10	8.2
8	58.50	56.94	24.5	29	96	83	Calm	SSE 2	9	8	-----
9	57.90	56.53	24	28.4	91	82	Calm	SSE 3	6	8	-----
10	57.91	57.16	24	30.6	91	69	Calm	SSE 2	7	6	-----
11	59.50	57.96	24.8	29.5	92	79	Calm	SSE 3	3	8	-----
12	60.53	58.79	23.8	29.5	97	79	Calm	SSE 3	1	5	-----
13	59.92	57.93	23.1	30.1	96	74	Calm	SSE 3	5	4	-----
14	58.89	57.31	23.6	30.4	97	75	Calm	SSE 3	2	3	-----
15	58.74	57.50	23.3	30.7	97	78	Calm	SE 3	3	3	-----
16	59.82	58.22	23.8	30.2	97	75	Calm	SSE 3	3	6	-----
17	60.74	59.33	23.6	30.1	95	72	Calm	SSE 3	5	6	-----
18	60.35	59.46	23.4	30.8	97	66	Calm	SSE 3	8	6	5.8
19	59.90	59.09	24.4	29.6	97	81	Calm	SE 2	10	10	1.8
20	59.76	58.84	23.5	29.4	96	72	Calm	SE 2	4	8	14.2
21	59.09	58.11	25	30.1	96	70	Calm	SE 2	10	8	2.5
22	58.90	57.62	23.1	30.4	96	72	Calm	SE 2	6	9	25.4
23	58.39	57.21	23.1	29.5	97	75	Calm	SE 2	5	9	26.2
24	58.10	57.18	24.8	28.4	96	81	Calm	Calm	10	10	6.8
25	59.36	58.46	23.8	29.7	97	75	Calm	SE 2	10	8	2.8
26	59.80	58.91	24.3	30.2	97	73	Calm	SE 2	9	6	.3
27	60.03	58.52	23.5	80.3	96	72	Calm	SE 2	5	5	.5
28	59.05	57.78	23.9	30.2	97	70	Calm	SE 2	6	8	14.2
29	58.10	58.23	24.4	29.6	95	70	Calm	SE 1	8	10	1
30	59.47	58.37	23.1	30.7	97	64	Calm	SE 3	5	6	.6
31	59.41	58.73	24.6	28.4	95	72	Calm	E 2	10	10	28.7
Mean	58.49	57.39	23.9	29.3	95.9	75.9	0.3	2.5	7	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	617.1

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.42	57.35	23.9	31.2	97	71	Calm	E 2	8	7	8.1
2	58.51	57.20	25.2	30.5	98	58	Calm	E 3	6	8	20.1
3	58.45	56.36	24.5	30.4	96	68	Calm	ESE 2	10	8	5.3
4	57.79	56.58	25	31	96	67	Calm	ESE 3	8	6	11.2
5	57.60	56.26	24.6	31.3	95	68	Calm	ESE 3	5	7	9.7
6	57.52	56.76	24.1	30.4	95	71	Calm	ESE 2	6	10	4.3
7	58.08	57.01	24.5	30	96	69	Calm	ESE 3	8	6	1.6
8	58.40	57.43	23.8	30.2	97	74	Calm	ESE 1	6	5	.3
9	59.27	57.73	23.8	30.5	97	66	Calm	ESE 3	2	5	-----
10	59.67	57.91	23.1	30.4	97	67	Calm	ESE 2	4	3	-----
11	59.62	58.56	23.8	30.1	96	68	Calm	SE 3	6	8	8.4
12	59.35	58.10	23.4	30.3	97	72	Calm	SE 3	3	7	.8
13	59.14	57.46	24.2	29.2	97	76	Calm	SE 2	6	8	1.5
14	59.51	58.12	24.4	29.8	97	73	Calm	SE 2	7	6	2.8
15	59.41	57.88	23.8	30.1	97	71	Calm	ESE 2	6	7	11.2
16	58.89	57.91	24.6	29.8	90	79	Calm	SE 3	9	10	.3
17	59.15	58.20	24	30.5	95	67	Calm	ESE 3	5	7	-----
18	60.32	59.21	24.7	28.7	94	76	Calm	Calm	7	10	.3
19	60.97	59.53	24.6	30.1	95	74	Calm	ESE 1	4	6	-----
20	60.53	58.45	24.5	31	96	70	Calm	ESE 2	3	5	3.3
21	60.20	59.49	24.6	26.7	95	76	Calm	ESE 2	10	10	-----
22	59.94	58.16	24.7	29.5	96	76	Calm	ESE 2	3	8	-----
23	60.14	58.37	24	31.3	96	77	Calm	ESE 2	2	5	-----
24	60.02	59.28	24	30.1	96	75	Calm	ESE 3	5	10	.3
25	60.22	59.14	22.5	30	96	69	Calm	ESE 3	5	8	5.4
26	59.34	58.72	23.1	29.4	95	76	Calm	Calm	8	10	33
27	59.70	57.97	22.7	30.3	96	69	Calm	E 2	5	6	.5
28	60.47	59.28	24.4	26.5	96	87	Calm	Calm	5	10	2.3
29	60.68	59.15	24.2	30.7	97	67	Calm	E 2	5	5	2.3
30	59.35	57.68	24.3	30.1	97	74	Calm	E 3	7	8	.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.36	58.04	24.1	30	95.9	71.7	0	2.1	5.8	7.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	133.8

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.22	57.72	24	31	96	69	Calm	E 2	8	7	1
2	59.55	58.55	24.4	30.8	96	70	Calm	E 3	9	5	6.9
3	59.19	58.47	23.8	30.5	96	72	Calm	E 2	5	8	23.4
4	58.47	57.56	24.2	30.1	97	72	Calm	E 2	7	10	7.3
5	57.96	57.28	24.5	30.5	96	70	Calm	E 1	7	10	38.4
6	58.15	57.21	24	30	96	73	Calm	E 2	10	8	18.8
7	58.89	56.96	24.4	29.4	95	77	Calm	E 2	5	10	.5
8	59.34	56.50	24.8	31.2	96	75	Calm	E 2	10	8	5.1
9	58.01	56.97	24.4	25	97	90	Calm	W 1	6	10	48.5
10	57.75	57.13	24.8	28.8	92	73	Calm	W 2	10	10	-----
11	57.91	56.18	24.3	31	97	69	Calm	W 2	5	9	-----
12	58.70	56.85	23.8	29.8	97	75	Calm	E 2	10	9	7.4
13	58.31	56.23	23.6	30.4	95	72	Calm	E 3	10	8	22.9
14	55.11	51.78	25	26.5	96	89	Calm	NNW 2	10	10	64.2
15	51.43	51.70	24	26.3	89	79	SW 3	SW 2	10	10	2.5
16	54.57	53.88	25.9	29.4	85	64	S 1	S 3	10	10	-----
17	56.13	55.76	25.6	30.5	77	70	Calm	S 3	10	8	-----
18	56.74	56.01	23	32	95	52	Calm	S 3	8	6	-----
19	56.20	55.20	22.7	32.8	94	65	Calm	SW 3	0	9	-----
20	57.12	55.59	23.4	33.4	95	56	Calm	WSW 3	1	6	-----
21	57.12	55.76	23.8	32	95	56	Calm	WSW 3	6	10	-----
22	56.25	54.52	24.6	31.3	93	70	Calm	WSW 3	10	10	1.5
23	55.05	53.84	25.7	28.4	82	68	Calm	WSW 2	9	10	.3
24	55.54	55.16	24.5	29.8	89	69	Calm	SW 3	10	10	1
25	57	55.96	24.2	31	94	64	Calm	WSW 3	10	10	-----
26	57.13	57.15	24.7	30.1	92	60	Calm	Calm	10	10	-----
27	55.77	54.90	26.9	26.2	85	94	W 3	W 3	10	10	20.1
28	54.06	53.20	25.7	27.8	81	74	WSW 3	SW 3	10	10	3.6
29	55.21	54.25	22.8	31	93	64	Calm	SSW 4	10	9	-----
80	56.19	55.86	25.7	32.1	89	56	Calm	SSW 2	9	8	-----
31	57.10	55.86	23.6	33	93	52	Calm	W 2	2	8	-----
Mean	56.94	55.81	24.4	30.1	92.4	69.6	0.3	2.4	8	8.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	273.4

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.54	55.72	25.3	30	91	69	Calm	Calm	10	10	8.4
2	57.58	55.37	24.6	31.6	97	63	Calm	W 4	10	10	-----
3	57.15	56.61	27	31.3	79	63	Calm	W 3	10	9	-----
4	57.40	55.51	23	33	93	54	Calm	W 3	7	5	3
5	56.75	55.57	24.5	29.2	93	76	Calm	SW 3	10	10	2.1
6	57.10	55.84	24.9	30.8	88	58	WNW 1	W 3	10	10	-----
7	57.81	56.31	22.6	32.4	95	61	Calm	WSW 1	5	8	-----
8	58.41	56.51	23.3	32.3	97	62	Calm	SW 2	8	10	-----
9	57.90	56.93	25.4	32.8	88	53	Calm	SW 3	7	8	-----
10	57.83	56.69	24.1	31.4	91	57	Calm	W 3	6	10	-----
11	57.40	55.69	24.4	31	92	75	Calm	E 2	7	8	-----
12	57.06	55.50	22.9	31	91	62	Calm	E 2	1	8	53.8
13	56.85	55.83	24.1	26.4	95	82	Calm	Calm	10	10	3.1
14	55.78	54.20	25.3	27.5	85	76	Calm	W 3	10	10	-----
15	54.66	52.89	26.7	31.5	77	64	WSW 2	WSW 2	10	10	-----
16	56.13	56.73	24.7	30.5	97	72	Calm	S 2	10	10	-----
17	59.45	58.31	24.1	27.6	94	91	Calm	SE 2	10	10	2.1
18	59	57.51	23.8	30.1	97	71	Calm	E 2	8	6	-----
19	57.58	55.56	23.5	30.5	96	68	Calm	E 2	6	7	13.2
20	56.68	55.28	25.1	30.7	93	71	Calm	SE 2	10	10	54.4
21	57.44	56.37	23.5	24.8	96	89	Calm	SW 2	10	10	11.2
22	57.06	55.83	23.6	29.6	95	72	Calm	Calm	7	10	2.3
23	56.81	55.78	23.6	30.7	97	63	Calm	SW 2	6	10	.3
24	57.50	56.36	25.4	30.1	84	62	Calm	SW 3	10	10	.5
25	58.55	57.68	25.3	30.8	98	74	Calm	WSW 1	10	10	1.3
26	58.45	56.58	25.9	30.8	77	62	W 2	W 3	10	10	-----
27	56.13	54.56	24.4	31.6	91	54	Calm	W 3	10	8	1
28	55.69	55.15	24.4	29.8	92	66	Calm	WSW 1	7	10	1
29	57.47	57.53	23.8	28.1	97	88	Calm	SW 2	10	10	-----
30	57.73	56.91	25.2	31	90	61	Calm	SW 2	9	9	-----
31	57.21	56.07	25.6	28.6	86	75	Calm	Calm	10	10	1.8
Mean	57.26	56.04	24.5	30.2	91.4	68.2	0.2	2	8.5	9.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	159.5

BORONGAN.

[φ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	54.78	53.26	23.3	29.4	93	79	Calm	W 1	10	10	11
2	51.32	50.75	24.9	27.1	88	98	WSW 1	WSW 4	10	10	38.3
3	53.25	52.98	25.4	29.3	97	62	SW 1	SW 3	10	10	------
4	56.03	54.78	26.3	29.8	94	75	Calm	SSW 1	10	10	------
5	58.27	56.96	24	31.5	93	57	Calm	WSW 2	5	7	------
6	59.25	57.50	24.6	31.5	95	70	Calm	SE 2	5	6	------
7	58.55	57.18	23.9	30.8	98	81	Calm	E 2	4	10	------
8	58.25	56.44	23.5	33.6	96	55	Calm	SE 2	8	9	------
9	57.50	55.76	24.2	30.7	94	61	Calm	WSW 2	10	10	------
10	56.09	54.61	24.5	32.6	95	70	Calm	W 3	10	8	------
11	56.99	55.74	23.9	30.3	97	66	Calm	Calm	6	9	------
12	58.69	58.13	23.8	29.7	95	75	Calm	SE 1	4	10	3
13	59.64	57.63	23.9	31.4	97	67	Calm	E 2	3	5	------
14	59.33	57.56	24.3	29.1	98	81	Calm	E 2	5	9	3.6
15	58.17	56.75	24.5	32.4	94	56	Calm	WSW 2	10	8	------
16	58.30	56.48	23.5	32.8	96	65	Calm	SE 3	9	6	------
17	59.53	57.77	24.5	31.5	96	78	Calm	ESE 3	7	8	7.1
18	59.87	57.96	23.3	30.2	97	72	Calm	SE 2	9	10	11.4
19	60.25	57.50	23.5	30.3	95	64	Calm	E 2	10	5	.5
20	58.54	57.56	24	25	96	91	Calm	WNW 2	6	10	8.6
21	57.82	56.22	23.1	30.1	92	69	Calm	ENE 2	6	8	------
22	58.40	57.98	22.5	29	96	85	Calm	E 1	4	10	24.4
23	59.92	58.58	23.5	30.4	94	66	Calm	E 3	6	8	1
24	59.36	57.76	23.3	30	96	72	Calm	E 2	9	10	1.5
25	59.09	57.83	23.7	31	96	73	Calm	E 2	7	5	1
26	59.31	58.06	23.4	30.8	97	67	Calm	E 3	6	5	.5
27	59.98	59.23	23.3	25.8	97	88	Calm	Calm	5	10	22.6
28	59.50	57.38	23.9	30.6	97	67	Calm	ENE 3	10	5	25.9
29	58.84	57.38	24.5	30	96	73	Calm	ENE 3	10	9	8.4
30	58.32	56.95	23.4	30.8	97	68	Calm	SE 2	5	4	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.10	56.69	23.9	30.2	95.4	71.7	0.1	2.1	7.3	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	168.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.41	57.68	23.5	26	96	91	Calm	Calm	3	10	23.1
2	58.47	57.06	23.4	27.9	97	82	Calm	Calm	4	10	------
3	58.54	56.96	23.2	31.3	95	64	Calm	SE 2	3	5	.5
4	59.37	58.24	24	26.2	96	90	Calm	Calm	5	9	1
5	59.06	57.21	23	26.5	93	92	Calm	Calm	4	9	2.5
6	58.56	56.91	23.3	28	95	79	Calm	Calm	7	7	------
7	58.99	57.57	22.5	30.6	96	67	Calm	E 2	3	8	------
8	58.95	57.23	22.7	29.7	96	77	Calm	E 2	1	9	------
9	57.10	54.90	23.3	30.1	93	67	Calm	W 1	10	10	------
10	55.80	54.23	23.6	29.1	97	74	Calm	WSW 3	10	10	19.6
11	54.95	52.78	24	29.3	96	79	Calm	WSW 1	10	10	39.6
12	54.30	52.92	24.4	29.5	92	75	Calm	SSW 1	10	10	2.8
13	55.05	53.66	24.7	28.7	88	69	SSW 1	SSW 3	10	10	------
14	55.35	53.27	26.1	30.4	76	72	Calm	SSW 3	8	10	.3
15	54.58	55.07	28.1	31.7	65	53	SSW 3	WSW 4	6	6	------
16	58.30	57.11	23.7	31	97	62	Calm	WSW 3	5	10	------
17	59.47	58.11	23.9	26.5	94	86	Calm	Calm	9	10	3
18	60.13	58.01	23.5	30.4	96	69	Calm	SE 2	8	9	7.1
19	60.17	58.41	24	27.7	95	87	Calm	SE 2	8	10	35.3
20	59.99	58.46	23.9	27.8	97	82	Calm	NE 3	10	10	31.8
21	59.73	58.03	23.3	29	97	79	Calm	N 1	10	10	.3
22	57.06	56.50	23.6	32	96	61	Calm	W 2	7	8	------
23	57.91	56.64	23.8	29.7	95	75	Calm	W 1	8	10	7.9
24	59.19	58.44	24.3	28.5	92	83	NW 1	NW 3	10	10	------
25	61.03	59.61	21.9	28.5	96	67	Calm	NNE 1	9	10	------
26	60.30	58.23	21.6	30	95	60	Calm	ENE 3	0	5	------
27	60.15	58.13	21.3	29.6	95	67	Calm	E 3	0	5	------
28	60.44	58.94	22.5	29.2	96	68	Calm	NE 3	3	7	------
29	60.67	59.02	22	30	96	69	Calm	ENE 3	5	5	1.3
30	60.65	58.51	23.5	30.2	96	68	Calm	E 3	4	7	52.6
31	60.14	59.77	24.1	23	95	97	ESE 3	Calm	10	10	59.5
Mean	58.48	57.02	23.6	29	93.5	74.5	0.3	1.8	6.5	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	288.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.38	59.18	23	28.9	97	78	Calm	E 2	10	10	23.9
2	60.29	58.72	24	30.5	97	68	Calm	E 3	8	7	5.4
3	60.32	58.96	22.8	30.3	97	69	Calm	E 2	5	6	8.1
4	60.22	59.44	24.6	26.5	95	88	Calm	Calm	9	9	37.1
5	60.70	59.10	24.4	26.4	97	92	Calm	ESE 1	10	10	50.6
6	60.20	59.12	25.1	27.3	97	86	Calm	E 2	9	10	34.8
7	60.84	59.74	23	24.7	97	90	Calm	Calm	7	10	13.8
8	60.83	59.17	26.4?	29.8	93?	74	ENE 3	ENE 3	10	9	7.3
9	60.34	58.81	27.3?	30.5	82?	65	NE 3	ENE 3	8	7	------
10	60.13	58.63	24.5	30.5	95	65	Calm	NE 3	6	8	------
11	59.52	58.67	23.2	29.6	97	74	Calm	NNE 3	10	8	17.2
12	60.58	59.55	23.8	30	97	66	Calm	ENE 3	9	7	------
13	60.62	58.97	22.2	28.6	96	63	Calm	N 3	10	9	8.7
14	59.96	58.68	21.1	25.5	90	92	Calm	NW 2	9	9	8
15	60.03	59.43	23	28.6	94	64	Calm	NE 1	1	10	16
16	61.25	60.19	22.8	23.5	92	96	Calm	Calm	10	10	60.4
17	60.72	59.19	23.1	28.3	95	72	Calm	NE 2	10	10	18
18	60.24	60.11	23.5	28.6	96	76	ENE 1	ENE 3	10	8	4.4
19	61.45	60.45	22.7	30.1	98	72	Calm	E 2	5	6	1
20	61.70	60.47	23.6	27	93	81	Calm	ENE 3	2	10	21.1
21	61.14	59.50	22.8	30.2	97	65	Calm	NE 3	4	5	5.3
22	60.23	59.38	24.5	29.4	95	68	Calm	NE 3	5	8	2.5
23	61.08	60.53	24.1	30.4	95	72	Calm	ENE 3	10	5	.6
24	61.60	60.75	22.8	26.8	95	78	Calm	NNE 4	6	8	7.4
25	61.38	59.77	22.1	29.6	93	58	Calm	NE 2	6	2	4.1
26	59.15	57.25	23.1	26.1	90	89	Calm	NNE 1	2	10	3.9
27	58.25	57.58	22.5	29.4	96	70	Calm	E 3	8	7	------
28	59.45	57.67	22.9	30.2	97	66	Calm	E 2	5	4	.3
29	59.41	57.93	23.6	29.5	97	75	Calm	E 3	10	8	54.6
30	59.79	58.86	23.9	28.1	97	79	Calm	E 3	4	8	.5
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.39	59.19	23.5	28.5	94.9	75	0.2	2.3	7.3	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	410

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.17	58.89	21.7	29.6	97	70	Calm	NE 3	4	4	1.3
2	60.45	59.56	23.1	29.9	95	67	Calm	NE 3	9	7	1
3	61.28	60.88	26.2	30.3	75	63	NE 3	NE 3	8	8	6.4
4	62.11	61.33	25.8	27.5	88	81	NE 2	NE 4	10	10	26.7
5	62.27	61.03	25.7	28	83	73	NNE 4	NE 4	8	10	11.2
6	62.23	60.80	25.6	29.5	71	64	NE 2	NE 4	6	8	25.4
7	61.38	59.93	26.6?	28.1	87?	72	ENE 4	ENE 3	10	10	54.6
8	61.09	59.35	23.6	26.2	95	85	ENE 4	E 4	10	10	17.2
9	60.68	59.53	26.3	27.1	81	81	E 3	E 4	9	10	24.6
10	61.11	59.75	26.2	28.4	90	74	E 3	E 4	9	10	30.7
11	60.79	59.33	23.9	27.8	96	75	Calm	ESE 3	10	6	54.6
12	59.99	58.46	23.9	29.1	97	76	Calm	ESE 3	6	7	18.8
13	59.55	58.94	26.6	27.3	87	84	ESE 3	NE 1	10	10	45.2
14	59.26	58.72	23.5	28.1	96	80	Calm	E 3	10	10	8.9
15	59.38	58.80	26.1	25	98	88	Calm	Calm	10	10	23.3
16	60.52	59.04	25.5	29.6	92	73	E 2	E 3	10	8	7.1
17	59.95	58.88	24.6	29.1	95	77	Calm	E 2	10	8	4.6
18	60.61	59.43	23.3	29.6	97	70	Calm	E 2	5	7	47.8
19	61.40	60.77	24.6	23.7	95	93	ENE 3	Calm	10	10	80.1
20	61.84	60.78	26.2?	27.9	82?	78	NE 3	NE 3	9	8	18.5
21	61.63	59.27	24.5	27.5	92	84	NE 4	ENE 3	10	10	39.4
22	59.67	58.26	23.2	28	94	79	Calm	ESE 3	10	10	.3
23	59.52	58.58	23.4	25.9	97	85	Calm	Calm	10	10	16.6
24	58.60	56.37	23.1	26.3	95	90	Calm	NW 1	10	10	14.7
25	57.80	57.89	25	28.4	91	71	WSW 1	WSW 2	10	10	.8
26	59.17	58.28	23.1	27.8	97	82	Calm	WSW 2	10	10	.5
27	59.29	58.03	23.9	27.1	97	81	Calm	WNW 2	10	10	1.3
28	60.30	59.07	24.3	28.5	97	73	NNW 1	NE 4	9	10	53.3
29	61.53	60.08	24.1	27.9	97	85	Calm	Calm	10	10	31.5
30	62.48	61.52	23.9	28.6	97	77	Calm	ENE 2	9	10	17.2
31	63.65	62.31	22.1	27.3	98	79	Calm	NE 3	10	10	10
Mean	60.64	59.48	24.5	27.9	91.9	77.7	1.4	2.5	9.1	9.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	693.6

MASBATE.

[φ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.69	58.95	24.2	29.4	98	79	E 1	NE 3	9	7	------
2	59.82	58.07	24	29.5	98	72	SE 1	NE 3	10	6	9.4
3	59.69	58.39	24.5	29.5	97	78	SE 1	E 8	9	7	16
4	60.92	60.47	24.6	25	97	96	NE 3	NE 2	10	10	55.1
5	60.49	59.19	24.6	27	97	84	NNW 3	E 3	10	9	3.6
6	60.09	58.57	22.6	28.5	97	75	Calm	NE 3	9	8	------
7	60.07	58.72	24	27.2	93	75	NNE 3	N 3	10	10	.8
8	60.37	58.95	24.2	28	98	81	SE 1	NNW 3	10	9	.8
9	59.47	58.67	25.4	26.2	93	94	NNW 3	NE 3	8	10	1.6
10	59.56	58.25	25	29.2	97	76	Calm	SE 3	10	5	------
11	60.08	59.32	23.5	29.4	96	62	SE 1	E 3	9	8	------
12	60.99	59.50	23	28.8	93	64	SW 3	E 3	9	8	------
13	61.82	60.12	22.8	29.6	97	69	SE 2	SE 2	9	8	------
14	61.54	-----	23.6	-----	97	-----	SE 1	--------	8	-----	------
15	62.47	60.85	24	28.2	96	80	N 3	NNW 3	9	7	.5
16	63.19	61.03	23	29.8	97	61	SE 2	SE 2	8	8	------
17	61.99	60.72	23.2	29.5	95	66	SE 2	SE 3	9	8	------
18	61.97	60.15	24	29.6	97	70	SW 3	SE 3	9	8	------
19	61.52	60.70	23.6	28.8	97	72	SE 2	SE 3	9	7	------
20	62.79	60.70	23.2	30.2	95	60	SE 2	SE 3	9	4	------
21	62.29	61.15	22.6	29.2	97	76	SE 1	SE 2	8	8	------
22	62.29	61.80	23.2	30.4	98	56	SE 1	SE 3	9	7	------
23	63.12	61.33	24.8	29.6	87	71	NNE 2	NNE 3	8	6	1
24	62.52	61.05	23.5	30.2	97	65	SE 1	E 3	9	7	------
25	63.57	62.03	23.8	28.6	97	78	SE 1	N 3	8	7	5.6
26	64.56	62.40	23.2	27.5	95	72	SE 1	NE 3	10	7	------
27	64.49	62.75	23.8	27.2	85	77	NNE 3	NNE 3	9	5	4.1
28	63.99	62.52	23.5	28.6	80	77	NNE 3	N 3	8	6	------
29	63.99	62.29	23.8	28.2	85	66	NE 3	N 3	9	9	------
30	63.34	63.29	24.5	25	97	87	NE 3	NNE 3	10	10	4.8
31	64.37	63	24.2	27	83	72	NNE 3	NNE 3	10	9	2.5
Mean	61.87	60.50	23.8	28.5	94.4	73.7	1.9	2.9	9.1	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	105.8

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	63.92	63.75	23	28	91	65	NE 1	NNE 4	9	7	------
2	63.78	62	24.6	28.4	75	64	NNE 3	NE 3	9	8	------
3	62.19	60.72	24.8	27.6	81	68	NE 3	NNE 3	10	9	------
4	61.57	59.77	24.8	28.4	83	66	NNE 3	NNE 3	10	9	1.3
5	61.67	60.32	24.2	27.5	90	78	NE 3	NNW 3	10	6	1.5
6	61.62	60.87	24.2	25.6	95	91	NE 1	NNW 3	10	9	19.3
7	62.17	60.70	23.6	29.6	97	69	NE 1	E 3	9	5	------
8	61.32	60.55	22.5	29.2	96	68	NE 1	E 3	8	7	------
9	61.89	60.56	22.8	29.8	97	66	E 1	SE 3	9	7	------
10	61.67	60.75	22.8	30	95	69	Calm	NE 2	8	8	5.1
11	62.17	61.17	24.6	29	88	69	N 3	SE 3	9	8	14
12	63.49	62.16	22	25.2	96	87	SE 3	NE 3	10	10	36.3
13	63.19	61.82	22.8	28	97	70	NNE 3	NNE 3	10	9	4.6
14	63.63	63.05	24.6	28	85	71	N 3	NE 3	8	8	.8
15	64.03	62.75	23.8	30	93	68	E 2	E 3	6	7	------
16	64.74	63.32	22.5	29	96	68	SE 1	E 3	8	6	------
17	63.12	61.60	23.8	30.2	85	54	NE 3	NE 3	8	7	------
18	61.84	60.35	23.2	30	90	57	E 1	E 3	7	4	------
19	60.87	60.20	23.2	30.2	90	59	E 2	E 3	7	8	------
20	60.24	-----	24.6	-----	91	-----	NE 3	--------	10	-----	31
21	60.19	59.70	22.5	30.5	99	71	SE 2	E 3	8	7	------
22	59.74	58.52	24.6	30.2	93	70	E 3	SE 3	8	7	------
23	59.79	58.62	23.2	28.8	97	71	E 1	SE 3	9	7	------
24	59.82	59.35	24	28.5	90	74	NE 3	E 3	7	10	7.6
25	60.84	59.73	24.6	30	97	66	E 1	E 3	8	8	------
26	60.17	59.05	22.8	29	97	71	SE 1	E 2	9	7	------
27	60.34	58.72	22.8	29	97	72	SE 2	SE 3	6	8	------
28	59.69	59.05	23.5	28.6	96	71	W 1	NNW 3	8	8	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.78	60.71	23.6	28.8	92	69.4	2	3	8.5	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	121.5

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.27	60.20	24.4	30.2	90	68	NE 2	SE 3	9	7	4.8
2	61.77	60.20	23.5	25	97	83	NE 3	N 3	10	9	10.9
3	60.19	59.20	23.5	28.8	96	76	NE 1	NNW 3	8	6	------
4	60.67	58.82	24.5	29.6	94	70	NE 3	NE 3	6	8	1
5	60.11	58.55	24.8	30.2	95	67	Calm	NE 1	9	7	1.3
6	59.92	58.90	24.2	28	97	77	E 2	E 3	9	9	------
7	59.44	58.47	24.4	29	95	71	E 1	E 3	8	8	------
8	58.33	57.15	24.6	30.6	98	60	Calm	SE 3	9	7	------
9	58.17	57.05	24.8	30	95	73	SE 3	E 3	9	6	------
10	58.91	58.80	24.2	29.8	93	70	E 3	SE 3	7	6	------
11	60.11	58.70	23.6	29.2	97	74	SE 2	SE 2	8	9	------
12	60.09	58.05	24.5	30.2	96	69	SE 1	SE 3	8	4	------
13	59.47	58.25	25.2	31.2	94	64	Calm	E 2	8	6	------
14	60.04	58.50	23.2	31.2	97	68	Calm	N 3	8	7	------
15	60.56	59.18	24.2	30.5	95	67	E 1	NE 3	7	6	------
16	60.27	58.67	25.2	31.2	83	58	NE 3	E 3	7	4	------
17	60.29	58.63	24.5	31.6	92	63	Calm	NE 3	7	7	------
18	60.12	59.25	24.8	30.8	95	64	NE 1	E 2	6	7	------
19	59.97	59.05	25	30.5	88	59	NE 1	NE 3	6	4	------
20	60.24	59.33	23.6	31	95	59	NE 2	SE 3	9	7	------
21	59.79	58.57	22.6	31	95	49	SE 2	E 2	8	7	------
22	58.86	58.88	22.6	29.8	98	61	SE 1	NNE 3	9	4	------
23	58.74	58.22	23.8	30.2	100?	73	SE 2	E 3	8	6	------
24	59.99	60.07	23	31.2	97	47	SE 3	SE 3	8	4	------
25	61.29	60.20	23	32	95	52	SE 1	NE 3	8	6	------
26	60.54	60.02	24.5	30.6	89	59	E 2	NE 3	7	6	1.3
27	61.39	60.05	22.2	30.5	93	62	SE 1	NNE 3	8	4	------
28	61.42	60.40	23	28.4	96	78	SE 2	NNW 3	8	7	------
29	61.31	60.10	24.2	32.2	95	54	SE 1	E 3	8	6	------
30	61.37	60.83	24.2	30.5	86	62	NE 1	NE 3	9	7	------
31	60.89	59.73	24	32	93	57	SE 2	NE 3	9	7	------
Mean	60.18	59.10	24	30.2	94.2	65	1.5	2.8	8	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	19.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.82	59.54	23.6	31.8	95	59	Calm	E 2	7	7	------
2	60.42	58.15	23.6	32.5	93	58	E 1	SE 2	8	6	------
3	59.62	58.70	24.6	30.5	88	65	NE 3	SE 3	7	9	------
4	60.09	59.28	25.2	32	90	63	NE 3	NE 3	9	8	------
5	60.58	59.02	23.2	31	97	73	SE 3	SE 2	10	8	------
6	59.72	58.35	24	30.6	95	78	Calm	SE 3	10	8	------
7	59.04	58.45	24.8	31.6	93	63	NE 3	SE 3	6	5	------
8	59.39	59.10	24.2	32	90	57	E 1	SE 3	7	4	------
9	59.97	59.11	24.2	31.5	93	64	NE 1	E 3	6	4	------
10	59.95	59.03	25	30.2	93	74	Calm	SE 3	6	7	------
11	59.49	58.05	25	29.6	96	79	Calm	NNW 2	8	7	------
12	59.09	58.52	25.6	28.8	95	80	NNW 3	E 3	9	9	46.7
13	60.45	58.77	24.8	27.6	100	91	SE 3	E 3	10	9	2.8
14	60.40	59.25	25.8	30	98	78	E 3	E 3	9	9	------
15	59.82	58.12	25.4	27.5	97	91	Calm	SE 3	10	9	19.3
16	59.19	57.70	25.5	28	96	88	SE 2	SE 2	8	9	14
17	60.15	58.32	25.8	28.8	97	76	SE 2	S 1	10	8	------
18	59.92	59.38	25.2	29.5	98	76	Calm	SE 2	9	8	.5
19	59.97	58.65	25.5	31	94	69	Calm	SE 3	6	6	------
20	60.30	59.38	25.2	31.4	94	67	SE 1	SE 3	7	5	------
21	60.40	58.95	25.6	30.6	97	74	SE 2	SE 3	6	7	-----
22	60.42	59.30	25.5	31.2	96	68	E 1	E 3	8	4	------
23	59.50	58.03	25.5	31.5	93	66	E 1	NE 3	6	8	------
24	58.49	57.32	25.2	31	95	75	E 1	NNE 3	7	5	------
25	58.62	57.18	25.5	30.2	94	77	E 1	SE 3	6	7	.8
26	59.04	57.95	25.4	31	93	69	E 3	NNE 3	8	8	.8
27	58.67	58.08	24.8	31.2	98	66	SE 1	NE 3	8	7	------
28	58.14	57.30	25.8	30.5	93	75	NE 1	NNE 3	9	6	------
29	58.82	57.35	25.8	31.5	95	70	NE 1	E 3	8	9	------
30	58.27	56.75	25	31.4	97	70	NE 1	SE 3	7	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.62	58.44	25	30.5	94.8	72	1.4	2.7	7.8	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	84.9

The barometric readings of this station seem to be too high by about 0.50 mm.

MASBATE.

[φ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.79 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.62	-----	25.2	-----	98	-----	NE 2	--------	9	-----	------
2	57.68	56.78	24	32	98	69	E 1	NE 2	7	8	3
3	58.64	58.37	25.5	29.2	96	83	N 3	NE 3	9	9	1.5
4	57.92	56.90	26	31.8	92	69	NNW 3	NNE 3	8	7	4.3
5	56.39	54.11	25	25.5	98	96	NW 4	NW 6	8	10	73.7
6	-----	54.94	-----	25.5	-----	92	--------	SE 3	-----	10	1.3
7	57.91	57.24	24.5	30	94	64	SE 1	S 3	9	9	------
8	58.34	56.97	24.5	29.6	96	82	S 1	E 3	8	8	------
9	57.62	56.80	25.5	30.5	96	71	SW 2	SW 3	9	7	.5
10	57.87	57.24	26.5	30.8	93	68	SW 3	SW 3	7	6	------
11	59.37	58.15	27	31.4	96	71	W 1	SW 3	6	6	------
12	60.42	58.85	25.5	29.5	98	85	SSW 2	E 3	9	7	------
13	59.75	57.63	25.2	31.6	98	76	Calm	E 3	8	7	------
14	58.54	57.23	26	31	98	79	SE 1	SE 1	8	5	------
15	58.67	58.03	26.2	31.4	95	77	SW 2	NE 3	7	4	------
16	59.73	58.23	25.8	32.5	98	79	SW 2	E 2	6	7	------
17	60.32	59.48	25.8	27.4	98	92?	SW 1	SW 3	8	8	------
18	60.32	59.50	26.2	32	95	69	NE 1	SE 3	8	6	------
19	60.45	59	27	30.2	90	78	NE 3	E 2	9	7	------
20	59.77	58.90	26.5	32	94	67	E 1	E 1	8	8	------
21	59.24	58.25	26.8	32.5	95	69	NE 2	SE 3	6	4	------
22	58.90	57.68	25.5	31.6	96	75	Calm	E 3	5	8	------
23	58.32	57.23	26.5	31.5	98	75	E 1	E 2	8	7	------
24	58.09	56.88	26.4	29.2	95	82	NE 1	NNW 1	10	9	------
25	59.32	58.90	26.5	28.2	98	91?	Calm	SE 1	10	9	------
26	59.77	58.73	26.5	30	98	82	SE 1	SW 2	9	8	------
27	59.97	58.35	25.6	31.5	98	72	Calm	E 2	8	7	------
28	59.22	57.55	25.4	32.2	98	69	SE 3	E 2	6	5	------
29	58.77	58	26.2	32.2	94	74	NE 2	E 2	8	6	------
30	59.49	58.50	25.6	31.6	97	77	E 1	NE 3	8	7	------
31	59.85	58.33	26.6	33.2	97	72	NE 1	E 3	8	8	------
Mean	58.94	57.76	25.8	30.6	96.2	76.8	1.5	2.6	7.9	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	84.3

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.84	58.10	26.6	31.5	97	77	Calm	SE 2	8	8	0.8
2	58.59	57.25	26.2	32.6	97	-----	Calm	E 2	8	8	------
3	58.38	56.75	27.2	29.8	95	83	Calm	N 1	9	9	.8
4	57.92	56.80	26.4	28.8	-----	-----	SE 2	SW 3	8	7	------
5	57.28	56.05	26.5	32.4	-----	-----	SE 1	E 3	9	8	------
6	57.82	57.08	27	30.6	96	83	SE 2	E 3	10	8	------
7	58.14	57.05	26.4	31.6	97	73	SE 2	E 3	7	8	------
8	58.29	57.65	26	32.2	98	69	E 1	NE 3	6	7	------
9	59.55	57.73	26	32.4	-----	-----	SE 2	SE 3	7	4	------
10	59.50	57.98	27	31.8	92	-----	E 3	E 3	6	8	------
11	59.52	58.28	25.5	30.2	98	80	S 1	S 3	9	7	------
12	59.47	58.10	25.8	32.2	98	-----	S 1	NE 3	8	6	------
13	59.17	58.03	26	29.6	-----	-----	E 1	S 3	8	9	------
14	59.52	58.10	26.8	27.6	98	-----	SE 1	SW 3	8	9	------
15	59.47	57.95	26.5	28.5	98	85	SW 3	SW 3	9	7	.8
16	58.77	57.85	26	29.5	97	84	S 2	SW 3	8	9	------
17	59.04	58.23	25.6	32.4	98	-----	SW 2	SE 3	10	8	------
18	60.32	58.95	26.5	33.6	98	66	SE 2	E 3	7	7	1
19	61.17	60.09	26	30.2	97	81	SW 3	SE 1	10	9	------
20	60.62	58.80	26.6	30.2	99	84	SW 1	SW 3	8	7	------
21	60	59.23	26.8	27.8	98	91	SW 3	SW 3	9	9	------
22	59.52	58.35	25.6	32.5	99	-----	SW 2	NE 3	7	7	------
23	60.17	59	26.4	29.5	-----	87	SW 3	SW 3	8	9	19.9
24	60.02	58.71	26.5	29.8	-----	-----	SW 2	SW 3	6	9	4.1
25	60.23	59.43	25.2	29.2	98	86	SE 2	NE 3	7	9	1.5
26	59.50	58.68	25.6	31.5	99	72	SW 1	NE 3	9	9	------
27	59.48	58.25	25.6	27	-----	-----	SE 1	SW 3	8	8	.5
28	60.27	59.55	25.8	26.2	98	94	SE 1	SE 1	9	10	4.6
29	61.05	59.58	25.6	33	-----	68	SE 1	SE 3	7	8	------
30	59.55	57.49	26.4	31	97	79	NE 2	E 3	8	9	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.37	58.17	26.2	30.5	97.4	80.1	1.6	2.7	8	8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	34

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.27	57.67	27	27.2	97	94	SW 2	SW 3	9	6	------
2	59.57	58.65	26	33.5	-----	62	SW 3	SE 3	8	9	------
3	59.12	58.70	26.5	31.8	-----	74	Calm	E 3	8	8	------
4	59.17	57.73	26.5	32.5	98	-----	SE 1	NE 3	9	9	------
5	58.12	57.68	26.6	30.2	98	84	SE 1	SE 3	8	10	------
6	58.09	57.55	25.6	31.5	99	75	SE 1	NE 3	9	8	1
7	58.74	57.47	25.4	28	-----	92	SW 2	SW 2	8	6	34.8
8	58.65	57.08	25.5	27.6	96	83	SW 3	SW 3	6	9	7.9
9	58.52	57.12	25.2	28.2	98	94	SW 3	SW 3	9	10	4.1
10	58.07	57.42	26.6	27	97	92	SW 3	SW 2	9	10	22.1
11	58.10	57.15	25.5	29.6	98	79	NNW 1	SW 3	10	8	------
12	58.84	57.82	26.8	27.2	97	95	S 3	SW 3	9	10	26.9
13	58.54	57.23	25.2	31.8	98	-----	SW 1	NNW 3	8	8	2.8
14	56.10	53.50	27	28.4	97	93	NW 3	NW 3	10	10	40.7
15	50.07	49.08	26.8	24.2	97	98	NW 4	SW 7	10	10	116.6
16	53.21	54.17	25	26.4	88	89	S 3	SW 4	10	10	81
17	55.62	55.75	26	29.4	84	75	SW 3	S 3	10	10	------
18	56.44	55.43	27.2	30.5	84	72	S 3	S 3	10	9	9.4
19	56.27	55.78	26.5	31	85	67	SW 3	SW 3	9	8	------
20	57.27	56.68	26.4	30.5	89	65	SSW 3	SW 3	9	9	------
21	57.17	56.43	27.2	30.2	87	67	SW 3	SW 3	8	9	1
22	56.54	55.30	26.6	29.5	89	78	SW 4	SW 4	10	8	1
23	54.77	54.10	26.5	28.4	88	79	SW 4	SW 4	9	10	------
24	54.94	55.25	26	28.5	94	75	SW 4	SSW 3	10	9	------
25	57.19	56.25	26.4	30.2	87	66	SSW 3	SW 4	9	8	------
26	57.34	57.20	26	30.2	92	71	SW 3	SW 3	9	9	------
27	56.82	55.80	27.5	28.4	90	73	SW 3	SW 3	10	10	23.9
28	54.69	53.72	26	26.5	92	93	SW 4	SW 5	10	10	22.1
29	53.86	53.70	25.2	28.4	97	86	SSW 3	SW 4	10	10	------
30	55.77	55.98	27	29.6	94	82	S 3	S 3	10	10	------
31	57.12	56.48	26.6	30.6	94	72	SW 3	SW 4	9	6	------
Mean	56.90	56.12	26.3	29.3	93	80.2	2.7	3.3	9.1	8.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	395.3

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.69	56.50	26.5	26.6	93	-----	SW 3	SW 3	8	10	4.6
2	57.24	56.53	26.4	29.2	94	78	SW 3	SW 3	10	8	------
3	57.52	57.40	27.2	30.2	94	80	SW 3	SW 3	8	4	------
4	57.49	56.55	27.2	29.5	94	84	SW 3	SW 4	8	3	6.1
5	56.89	56.60	25.4	27.8	98	89	SW 3	SW 3	10	9	9.4
6	57.27	56.55	25.2	27	97	92	SW 3	SW 3	10	10	1.5
7	57.64	56.88	25.6	29.5	95	85	NE 1	SW 3	9	8	2
8	58.12	57.43	26.2	30	95	-----	SW 3	SW 3	8	8	------
9	58.22	57.69	26.5	29.5	98	83	SW 4	SW 4	8	8	------
10	58.04	56.88	26.8	29.8	90	-----	SW 3	SW 3	9	10	------
11	57.32	57.12	26.6	29.2	95	88	SW 3	SW 3	8	9	------
12	57.09	55.93	26.5	30.4	98	77	SW 3	SW 4	8	8	1
13	57.04	56.65	25.5	27.6	-----	92	SW 3	SW 3	9	10	9.9
14	56.77	55.52	25.6	26.6	97	94	NW 3	NW 3	10	10	2.5
15	54.64	53.32	26.6	28.2	97	91	SW 3	SW 4	10	10	.8
16	55.34	56.40	26.5	29.4	98	85	SW 3	SW 3	10	10	9.7
17	59.11	-----	24.2	-----	-----	-----	E 2	--------	9	-----	1
18	59.37	58.33	25.8	29.2	-----	83	Calm	N 2	9	8	.3
19	57.94	55.92	26	29.5	-----	-----	SW 3	NNW 3	10	6	8.9
20	57.02	56.30	26	28.5	98	90	SW 3	S 3	10	9	.8
21	57.49	56.60	25.6	29.5	-----	84	W 2	SW 3	9	9	------
22	57.14	56.25	26	29	96	88	SW 3	SW 3	6	8	6.4
23	57.04	56.38	25.8	29	95	85	SW 3	SW 3	8	8	------
24	57.82	56.80	25.8	29.6	93	84	N 1	SW 4	8	8	------
25	59.12	58.23	26.2	29.2	94	87	SW 3	SW 3	10	7	1
26	58.37	57.01	26.5	29.4	98	85	SW 3	SW 3	7	10	1.3
27	56.07	55	25.8	28.8	98	88	SW 3	SW 3	9	9	------
28	55.65	55.28	26	28.5	94	93	SSW 2	SW 3	8	9	------
29	57.97	57.63	26.2	29.6	95	-----	SW 3	SW 3	9	8	------
30	58.47	57.85	26	29.4	95	-----	SW 2	NW 3	8	9	------
31	57.97	56.58	26.4	29.4	95	81	SW 2	NW 3	9	9	4.8
Mean	57.42	56.60	26.1	29	95.5	86.1	2.6	3.1	8.8	8.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	72

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.57	54.60	26.5	28.6	94	94	NW 3	NNW 3	9	10	9.4
2	53.04	-----	26	-----	96	-----	SW 3	-----	10	-----	24.4
3	52.96	52.22	25.6	27	97	87	SW 3	SSW 4	10	10	5.4
4	54.47	54.32	27	27.8	95	94	S 4	SSW 4	10	9	8.9
5	58.09	57.10	25.5	29.5	-----	86	S 3	S 3	10	6	-----
6	58.64	57.53	26.6	31.4	92	76	SSW 3	S 3	6	7	-----
7	59.09	57.50	26.8	31	95	75	SSW 3	SW 3	7	7	-----
8	58.19	57.10	26.5	29.8	98	-----	SW 3	SW 3	9	8	-----
9	57.39	55.88	27	30.2	96	84	SSW 3	SW 3	10	9	-----
10	55.74	54.77	27.4	28.4	94	94	SW 3	S 3	10	10	-----
11	56.37	56.13	27.2	29.2	94	-----	S 3	S 3	10	9	-----
12	58.51	57.78	25.2	31.5	-----	79	S 1	NW 3	9	9	1.3
13	59.87	58.15	24.6	30.2	99	-----	SW 3	NNW 3	6	4	-----
14	59.35	-----	27	-----	95	-----	SW 3	-----	4	-----	6.6
15	58.49	57.28	26.5	29.6	94	-----	SW 3	SW 3	9	8	-----
16	58.04	57.15	26.6	29.8	-----	83	SW 2	SW 3	10	10	-----
17	59.30	58.40	26.6	26	97	100	SW 3	SW 3	8	10	43.7
18	59.75	58.10	24.4	30.6	98	78	NE 1	SSW 2	10	9	22.1
19	60.19	58.21	24.8	30.2	98	84	SE 1	NW 2	10	9	.5
20	59.32	57.82	26.8	28	94	92	N 3	NNW 3	9	9	.8
21	58.12	56.65	25.6	31.5	98	79	NW 2	NNE 2	7	4	-----
22	58.87	58.07	25	28.2	-----	88	SW 3	SW 3	6	7	1.8
23	60.10	59.08	25.4	31.5	98	-----	SW 1	NNW 3	6	4	-----
24	59.80	58.35	25.8	32.2	98	71	SSW 3	N 3	8	8	-----
25	59.37	58.23	25.8	31.5	97	77	NE 1	E 3	8	9	1
26	59.24	58.20	26.4	32.6	98	66	S 1	E 2	5	3	-----
27	60.30	59.20	26.4	31.5	98	-----	SE 2	E 3	4	8	-----
28	59.72	-----	25.6	-----	99	-----	E 2	-----	6	-----	5.8
29	59.24	58.48	25.6	27.2?	-----	-----	S 1	S 3	8	10	3.8
30	58.54	57.35	25	32.5	-----	-----	SW 1	NNW 3	7	4	1.5
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.19	57.17	.26	29.9	96.3	83.5	2.4	2.9	8	7.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	137

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.72	57.55	25.6	31.5	-----	-----	SW 3	NNW 3	8	7	-----
2	58.79	57.25	25.5	33.2	-----	-----	SW 3	NNW 3	7	6	10.4
3	58.82	57.30	25.5	28.6	99	84	S 2	SW 2	8	8	22.6
4	59.62	58.15	25.6	28.6	100	89	S 2	SW 3	8	9	1.5
5	59.12	57.70	25.2	27.8	-----	90	SW 3	SW 3	8	8	-----
6	58.40	57.37	25.2	26.5	98	90	SW 3	SW 2	6	9	-----
7	59.24	58.05	25.2	31	98	-----	SE 2	NNW 2	7	8	1.8
8	59.14	57.43	25.4	33	98	-----	SE 1	NNW 3	6	5	-----
9	57.69	55.67	26	29	96	85	SW 2	NNW 3	8	10	-----
10	56.19	54.72	26,4	29.4	94	88	W 2	SW 3	9	10	7.2
11	54.84	52.77	26	27.5	-----	91	SW 2	SW 3	10	10	23.6
12	53.76	52.92	26.2	26.5	92	94	SW 4	SW 4	10	10	62.2
13	54.19	53.17	25	26.5	98	93	SW 5	S 5	10	10	16.8
14	54.67	53.07	26	28	92	88	SSW 5	SSW 5	10	9	6.9
15	54.90	55.47	24.5	28.6	96	84	SSW 5	SSW 6	10	10	2.1
16	58.44	57.73	26.5	29.2	90	83	SSW 4	SW 4	9	9	3.8
17	59.14	58.15	26.4	28.5	92	87	SSW 3	SSW 3	8	9	2.6
18	60.20	58.80	25.2	28.6	95	84	SSW 2	NW 3	6	8	3.8
19	60.67	-----	25.4	-----	92	-----	SW 3	-----	8	-----	-----
20	60.55	59.25	25.4	27.8	93	86	NE 1	NE 1	10	9	.5
21	60.57	59.03	24.6	28.8	97	79	SE 1	SE 2	9	8	-----
22	59.90	57.54	25	29.4	96	79	SW 2	NNW 3	8	8	-----
23	58.84	57.71	26.5	29.2	90	81	W 3	NW 3	8	9	-----
24	59.50	59.28	26.5	29.6	83	77	NNW 4	NNW 3	9	7	-----
25	61.15	60.25	25.6	29	81	76	N 3	NNW 3	9	7	-----
26	60.92	-----	24	-----	90	-----	SW 1	-----	8	-----	-----
27	60.37	58.77	23.5	29.8	96	73	S 2	NNW 3	8	6	-----
28	60.67	59.33	24	29.4	97	86	S 1	NNW 3	8	7	-----
29	61.37	59.65	24.8	28.5	92	87	NNW 1	NNW 3	7	9	4.1
30	60.97	59.18	25.6	29.8	95	83	NNW 3	NNW 2	6	4	8.4
31	60.07	59.15	25	28.6	97	88	E 3	SE 3	10	9	1
Mean	58.76	57.32	25.4	29	94	85	2.6	3.1	8.3	8.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	179.3

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.39	59.33	24.2	30.2	-----	81	Calm	E 3	9	9	-----
2	60.32	59.09	25.6	32.2	98	-----	E 1	SE 3	9	6	-----
3	60.75	58.98	25	32	98	82	SE 1	E 3	7	6	-----
4	60.27	59.38	25.8	30.4	97	-----	NE 1	E 3	8	8	0.5
5	60.73	59.60	26.8?	26.2	95?	94	NE 2	NNW 1	8	10	19.6
6	60.54	58.95	24.8	31	100	-----	SE 1	E 3	6	6	-----
7	60.83	59.52	26.2	29	98	89	NE 2	E 3	10	9	5.9
8	60.72	59.40	26	28.2	98	92	NNE 3	NNE 3	9	9	1.6
9	60.85	-----	25.8	-----	98	-----	SE 1	-----	9	-----	-----
10	60.50	58.73	26.4	31	95	-----	N 3	NE 3	8	6	-----
11	60.07	59.15	25.6	29	98	92	NNW 3	NNW 3	9	7	-----
12	60.92	59.68	25.4	30.2	97	84	NE 2	NNW 3	8	8	-----
13	61.04	59.75	25.5	27.8	92	92	N 3	NNW 3	9	6	-----
14	61.02	59.62	24.8	28.8	90	86	NNW 3	NNW 3	6	8	-----
15	60.62	59.97	23.6	27.5	99	92	SW 3	NNW 3	9	7	-----
16	61.52	-----	25.5	-----	93	-----	NNW 3	-----	9	-----	-----
17	61.40	59.92	25.2	29	97	89	NNW 3	NNW 3	6	7	-----
18	62.35	60.63	25.2	29	98	-----	NW 2	NNW 3	9	7	8.9
19	61.52	61.13	25.2	29	-----	89	Calm	SE 2	9	8	.8
20	62.02	60.88	24.8	29.5	95	-----	Calm	NW 3	9	6	5.8
21	61.54	60.03	25	30.5	95	80	NNW 2	E 2	9	9	1.8
22	60.45	59.58	25.6	31.8	97	-----	NNW 3	E 2	9	8	1.8
23	61.54	-----	25.5	-----	-----	-----	NNW 3	-----	10	-----	2.5
24	62.17	61.53	25.2	26.2	95	94	N 2	N 2	9	9	2.3
25	61.77	60.50	24.8	27	88	96	N 2	NNW 4	9	8	.3
26	60.07	58.32	24.8	28.2	87	88	NNW 2	NNW 3	8	9	-----
27	57.63	57.65	25.2	27.5	98	94	S 3	NNW 3	9	10	4.4
28	59.52	58.40	24.5	30.6	97	80	SSE 1	SE 3	6	4	-----
29	59.60	58.42	25.2	30.5	-----	-----	NNW 3	NNW 3	6	3	2.5
30	60.07	-----	25	-----	97	-----	SE 1	-----	9	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.76	59.54	25.3	29.3	95.8	88.6	2	2.8	8.3	7.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.55	59.38	25.5	30.5	94	-----	NNW 3	NNW 3	8	4	-----
2	60.74	59.82	25.2	29.6	94	86	N 3	NNW 3	6	8	-----
3	61.62	60.88	25.2	30	98	84	SE 2	SE 3	8	4	-----
4	62.47	61.55	23.6	30.5	98	80	NE 2	NE 3	8	5	1.5
5	62.82	61.21	23.8	30.2	-----	-----	E 2	NE 3	9	3	-----
6	62.39	61.15	24.6	30	93	-----	NE 2	E 3	6	4	-----
7	61.55	60.35	25.6	30	97	-----	N 3	NE 3	8	9	-----
8	61.14	59.67	25.2	25.2	95	98	N 3	ENE 3	10	10	5.3
9	60.87	60.45	25	25.2	97	-----	N 3	NE 3	7	10	33.6
10	61.48	60.07	23.8	29.4	100	81	NE 3	NNE 2	10	8	13.2
11	60.74	59.20	23.5	28.6	-----	92	NNE 1	NE 3	8	8	1.3
12	60.42	58.60	24.4	29	-----	89	Calm	NNW 3	7	7	.3
13	60.10	59.03	25.4	30.2	98	-----	E 3	NNE 3	6	7	.8
14	59.42	-----	25.5	-----	98	-----	NNW 3	-----	8	-----	19.3
15	59.52	58.35	25	27.2	98	95	NW 3	E 3	6	9	.5
16	60.90	59.13	25.5	30.5	98	-----	NE 2	E 3	7	8	-----
17	60.50	59.47	25.2	26.2	97	95	NNW 3	NNW 3	9	10	1.8
18	60.79	59.67	24.2	29	-----	91	Calm	NNW 3	7	6	.3
19	61.99	60.77	24.8	25.8	98	-----	NE 3	NE 2	10	10	7.6
20	62.13	60.84	24	27.5	-----	91	NE 1	NE 3	9	8	1.8
21	62.06	59.97	25.4	27	97	94	NNE 3	NE 2	10	10	1.6
22	60.27	58.65	25	30	98	-----	NW 2	E 3	9	9	4.6
23	60.07	58.95	24.5	29	97	76	SE 1	NNW 3	10	9	1.5
24	59.94	58.39	23.8	25.8	-----	92	NNW 3	NNW 3	10	10	8.7
25	58.99	57.62	25.5	27.6	96	92	NW 3	NW 3	10	10	-----
26	59.07	58.15	25.5	27.8	96	92	SW 3	NW 3	10	9	-----
27	59.62	58.47	25.6	28.2	98	91	SW 2	NNW 3	10	9	-----
28	60.72	59.75	24.8	29.8	90	83	NNW 3	N 3	6	6	-----
29	62.19	60.72	25	25	92	98	NNW 3	NE 2	9	10	18.6
30	62.79	61.90	25.2	25.8	98	93	NNW 3	NNW 1	10	10	57.7
31	64.42	62.75	24	27.6	91	89	NE 3	N 3	10	10	8.7
Mean	61.04	59.83	24.8	28.3	96.2	89.6	2.4	2.8	8.4	8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	188.7

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.71	58.31	24.5	30.3	94	72	NNE 2	NE 3	9	7	1.3
2	59	57.36	24.5	29.3	94	74	NNE 3	NNE 3	10	9	3.3
3	58.79	57.91	24	27.1	97	85	NNE 1	NNE 2	10	10	20.6
4	59.52	59.68	24.5	25.3	95	93	N 2	NNE 2	9	10	13.4
5	59.24	58.58	24.6	27.4	95	85	N 3	N 1	10	10	5.6
6	59.03	57.89	23.8	29.6	86	68	N 3	NNE 3	10	7	------
7	58.63	57.67	23.8	30.5	92	72	N 3	NE 3	7	9	2.5
8	58.79	58.16	24.7	29.5	89	72	NE 3	NNE 2	9	8	.8
9	58.52	57.85	24.8	29.6	94	72	NE 1	NE 2	6	7	1
10	58.27	57.28	25.4	31.1	92	71	NNE 3	NE 3	9	4	------
11	58.87	58.38	24.9	30.1	85	66	N 3	NE 3	5	1	------
12	59.62	58.43	23.4	30.7	88	61	NE 3	NNE 3	3	5	------
13	60.39	59.54	23.6	29.8	95	66	ENE 1	NE 2	3	3	------
14	60.29	59.57	24.8	31.3	87	64	NE 3	NNE 2	9	2	12.2
15	60.96	60.09	24	31.3	97	64	NE 1	NE 2	9	4	8.4
16	61.66	60.31	23.4	27	97	86	N 1	N 1	3	9	------
17	60.75	59.90	21.7	30.3	98	66	ESE 1	NE 2	3	2	------
18	61.04	59.52	22	30.1	97	69	Calm	N 1	7	7	1.3
19	60.42	59.79	23.4	31.3	95	64	NE 2	NNE 1	6	3	54.4
20	61.77	60.04	23	28.3	98	77	NE 1	SE 1	9	8	------
21	61.22	60.35	21.9	31	96	65	Calm	E 1	5	2	------
22	61.31	60.85	23.2	31	95	65	NE 1	E 3	6	1	------
23	62.19	60.76	24.4	30	86	70	NE 3	NE 3	7	3	11.2
24	61.58	60.42	22.9	29.4	98	72	Calm	NE 2	8	8	.3
25	62.59	61.66	23.9	27.5	95	78	NNE 1	NNW 4	9	8	------
26	63.11	61.66	24.7	30	85	67	N 4	N 4	9	7	3.8
27	63.07	62.07	22.9	29.5	87	58	N 5	N 6	9	1	------
28	63.09	62.16	22.7	27.3	79	67	NNE 3	N 5	9	8	------
29	62.84	61.56	23.9	29	86	67	N 4	NNE 4	9	9	------
30	62.68	62.46	24.4	27	78	70	N 4	N 5	9	10	14.5
31	63.59	62	23.1	30	90	65	N 4	N 5	9	7	19.6
Mean	60.73	59.75	23.8	29.4	91.6	70.7	2.2	2.7	7.6	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	174.2

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.20	62.63	23.2	27.6	94	71	NNE 3	N 5	9	7	12.4
2	62.97	61.33	23.6	30.3	77	62	N 4	NNE 4	7	1	------
3	61.19	60	23.9	30.5	84	66	N 4	NNE 4	9	4	------
4	60.58	59.17	24.3	29.3	84	69	N 3	NNE 4	9	4	.3
5	60.77	59.80	24.3	29.6	86	70	N 3	N 3	10	8	4.6
6	60.58	60.27	23.9	26.5	96	82	NE 3	N 5	10	10	1.3
7	60.94	60.03	23.4	29.6	93	70	NNE 3	NE 2	10	2	5.1
8	60.02	59.53	23.9	30.8	85	67	NE 4	NNE 4	9	8	------
9	60.54	59.89	23.8	31	85	63	NE 2	NE 2	8	1	------
10	60.42	60.18	22.4	27.5	96	76	NE 1	N 2	8	5	------
11	60.72	60.41	22.1	31.1	98	66	NNE 2	NE 3	8	1	19.8
12	62.33	61.23	23.1	26.3	90	78	N 6	N 6	10	10	11.2
13	62.02	61.01	22.6	29.5	94	67	NE 5	N 5	10	8	.5
14	62.81	61.72	24.3	30.2	86	66	N 4	NE 3	10	1	------
15	62.69	62.05	24.3	30	82	65	NNE 4	NE 4	8	2	------
16	63.82	62.27	21.9	31.2	96	62	NE 2	NNE 2	5	1	------
17	62.13	60.92	23.9	30.2	81	62	NNE 4	NE 4	8	1	------
18	60.73	59.49	23.4	31	83	61	NE 3	NE 3	8	2	------
19	59.52	59.24	23.4	30.6	84	63	NE 4	NE 4	4	1	------
20	58.99	58.23	23.7	30.7	87	65	ENE 2	NE 3	9	8	21.8
21	58.98	58.02	24.1	28.4	90	82	E 4	ENE 3	7	10	------
22	58.42	57.68	25	31.2	88	69	ENE 3	NE 3	5	6	------
23	58.73	57.47	24.9	31.5	87	62	ENE 5	NE 3	8	1	------
24	58.80	58.55	24.4	31.5	83	59	ENE 4	NE 4	4	3	------
25	59.71	59.11	25.3	31.6	84	66	ENE 5	NE 4	9	3	.5
26	59.15	58.50	24.2	31.2	87	60	E 2	NE 2	9	1	------
27	59.31	58	21.9	31.4	96	63	ENE 1	NNE 3	3	1	------
28	58.68	58.42	24.2	30.1	85	67	NE 1	NE 2	5	8	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.61	59.83	23.7	30	87.9	67.1	3.2	3.4	7.8	4.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	77.5

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.42	59.57	24.5	31	88	64	ENE 3	NE 3	8	8	0.8
2	60.73	59.36	24.3	27.7	91	71	NNE 3	NNE 4	9	10	------
3	59.54	58.65	24.4	32	87	64	NNE 3	NE 4	10	1	------
4	59.31	58.15	25	30.1	85	67	NE 5	NE 2	8	8	.5
5	59.12	58.10	25.1	31.6	88	65	NE 3	NE 3	9	6	------
6	58.74	58.16	23.8	29.6	94	75	NE 5	NE 3	10	8	6.6
7	58.40	57.48	24.7	30.2	88	70	NE 3	NE 1	9	8	------
8	57.30	56.54	24.4	31.5	94	64	NE 1	NNE 2	8	7	------
9	57.05	56.05	25.5	32	90	68	NE 3	ENE 2	9	3	------
10	57.62	57.86	25.4	32.4	87	57	NE 3	E 3	9	2	------
11	58.67	58.06	24.9	31.6	83	62	NE 3	NE 3	3	3	.5
12	58.87	57.39	25.5	33.3	89	59	NE 3	NE 3	9	1	------
13	58.39	57.58	22.7	32.1	97	63	NE 1	NE 3	7	1	------
14	58.79	58.01	24	32.1	96	63	NE 1	NE 3	10	2	------
15	59.40	58.54	24.9	32.1	89	63	ENE 2	NE 4	3	1	------
16	59.23	57.99	25.8	32.1	78	58	NE 3	NNE 4	10	1	------
17	59.08	57.85	25.2	32.2	84	63	ENE 2	NE 3	9	5	------
18	58.98	58.12	25.4	32.4	84	59	ENE 3	ENE 3	5	2	------
19	58.63	57.80	25.4	32.7	82	60	NE 3	NNE 4	2	1	------
20	59.20	58.62	25	32.3	81	57	NE 3	NE 3	8	1	------
21	58.49	57.44	25.2	32	82	57	E 3	NE 3	6	1	------
22	57.85	57.94	21.6	32	97	60	NE 1	NNE 1	10	4	------
23	57.42	57.26	22	32.5	96	58	NE 1	ENE 3	3	1	------
24	58.85	59.13	24.9	32.1	84	55	NE 2	NE 3	8	1	------
25	60.21	59.64	22	31.8	91	52	NNE 1	NNE 3	10	1	------
26	59.51	59.19	24.4	32.5	83	58	NNE 3	NE 3	7	3	------
27	60.48	59.26	24	31.5	74	56	E 2	ENE 3	10	9	------
28	60.59	59.69	24.5	32.4	80	53	ENE 3	NE 4	9	5	------
29	60.22	59.24	25.5	31.4	86	60	NE 3	ENE 3	8	4	------
30	60.25	59.58	25.5	33	80	52	NNE 4	NE 4	8	2	------
31	59.92	58.67	25.8	32.2	77	58	NE 2	E 3	10	6	------
Mean	59.07	58.29	24.6	31.8	86.6	61	2.6	3	7.9	3.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	8.4

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.72	58.81	25	32.6	83	58	NE 3	ENE 3	9	1	------
2	59.57	57.71	25.4	32.9	78	54	NE 3	N 3	8	1	------
3	58.58	57.76	25.4	32.1	82	55	NE 3	NE 3	8	8	------
4	59.08	58.52	25.5	31.5	83	60	NE 3	NE 4	9	4	1.8
5	59.37	58.32	25.2	30.9	81	55	NE 4	NE 3	10	6	------
6	58.54	57.79	25.4	32.8	84	56	NE 2	NE 4	10	4	2.8
7	57.79	57.72	25.4	29	87	70	ENE 1	NNE 1	9	7	------
8	58.13	58.20	24.8	31.7	84	56	NE 3	N 3	6	7	------
9	58.90	58.45	25	33.3	83	58	ENE 3	NE 2	5	1	------
10	58.59	57.96	25.7	31.1	83	63	ENE 3	NE 3	9	8	2
11	58.58	57.34	25.4	33.6	83	53	NE 3	E 3	7	1	1
12	58.57	57.62	25.2	30.6	95	68	Calm	NNE 3	9	6	11.9
13	58.49	57.63	24	27.9	97	84	Calm	Calm	10	10	.8
14	59.05	58.15	25	28	95	85	Calm	E 2	10	10	.3
15	58.28	-----	24.3	-----	97	-----	Calm	--------	9	-----	7.4
16	57.59	56.86	24	29.8	98	76	Calm	E 1	9	9	------
17	58.75	57.29	25	30.5	88	74	S 2	ESE 2	10	9	------
18	58.95	57.90	24.6	29.6	97	82	Calm	ESE 1	10	9	18
19	58.60	57.91	25.9	32.4	93	67	Calm	NE 3	7	4	------
20	59.12	58.64	25.8	32.7	85	64	NE 2	ENE 3	1	3	------
21	59.43	58.25	26.4	33	85	65	NE 2	NE 3	8	1	------
22	59.16	58.39	26	32.7	83	63	NE 4	ENE 3	3	1	------
23	58.46	57.25	26.4	31.9	82	64	NE 4	NE 3	8	1	------
24	57.40	56.38	26	33.1	79	60	ENE 3	ENE 3	1	1	7.9
25	57.58	56.49	26.1	31.9	86	67	NE 3	ENE 3	8	5	5.8
26	57.77	56.96	26.4	31.3	83	63	ENE 4	NE 4	8	5	------
27	57.73	57.28	26.1	33	79	61	NE 3	ENE 3	7	3	------
28	57.56	56.60	26.4	31.3	81	67	NE 3	NE 3	8	8	------
29	58.04	56.41	25.5	31.3	92	68	NE 3	NE 3	10	7	2.5
30	57.27	56.11	26.3	32.6	82	61	NE 3	E 3	4	1	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.49	57.61	25.5	31.6	86.3	64.7	2.2	2.7	7.7	4.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	62.2

The barometric readings of this station seem to be too low by about 0.50 mm.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

Day.	MAY.[a]										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.68	56.28	26.3	31.8	82	60	E 2	E 3	9	10	------
2	56.74	56.25	26	32.9	78	54	NE 3	ENE 3	5	1	0.3
3	57.78	57.31	25.8	31.7	88	64	N 2	NE 4	8	7	.3
4	57.39	56.26	25.9	32.2	87	65	N 2	NNW 4	8	3	------
5	56.51	54.64	26.9	30.4	81	70	N 4	NNW 4	9	10	10.1
6	51.24	-----	25.1	-----	93	-----	NW 8	--------	10	-----	(b)
7	55.36	56.08	25	25.7	92	87	SE 3	S 4	10	10	------
8	56.51	55.98	25.5	31.3	89	60	SE 3	S 3	8	5	------
9	56.30	56.11	25	29	96	78	S 2	S 4	7	9	------
10	57.07	56.44	25.2	30.7	88	68	S 3	S 4	10	4	------
11	57.97	57.08	26.7	32.5	84	63	S 2	S 3	2	5	------
12	59.07	57.90	26.7	31.5	89	72	S 2	S 2	5	6	------
13	58.78	56.89	24.8	34	95	64	Calm	S 2	2	3	------
14	57.58	56.33	24.9	33.5	87	60	Calm	S 2	2	2	------
15	57.80	56.99	25.7	34.3	95	53	SW 1	S 2	1	4	------
16	58.74	57.51	26.5	33.4	90	55	SSW 1	S 2	1	1	------
17	59.58	58.22	24.7	34.6	95	57	Calm	NNW 2	1	2	------
18	59.27	58.59	24.8	32.7	90	58	S 1	ENE 3	3	7	------
19	59.32	58.34	27.1	32.8	87	64	NE 3	ENE 3	7	2	------
20	58.57	58.20	27.6	33.3	84	62	NE 3	ENE 3	9	1	------
21	57.99	57.84	26.9	30.7	77	72	ENE 2	NE 4	1	7	------
22	57.81	57.22	26.9	32.6	79	62	NE 3	NW 3	3	4	------
23	57.07	56.41	26.5	30.9	90	69	NE 1	NE 3	9	9	------
24	56.92	56.48	27.4	32.5	81	62	NE 3	NE 3	9	8	------
25	58.33	57.52	23.8	28.9	94	77	Calm	SE 1	10	10	------
26	58.84	57.74	26.3	29.4	86	81	SE 1	S 2	10	9	------
27	58.79	57.67	25.3	29.2	97	81	ENE 1	ESE 1	9	9	------
28	57.97	56.61	27	30.1	86	71	ENE 1	SSE 1	9	8	------
29	57.49	57.03	27.2	33	86	63	NE 3	NE 3	8	1	------
30	58.36	57.63	27.6	32.6	84	65	NE 1	NE 3	6	2	------
31	59.05	57.59	27.4	31.9	83	65	NE 4	NE 3	8	2	------
Mean	57.64	57.04	26.1	31.7	87.5	66.1	2.1	2.8	6.4	5.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------

Day.	JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.96	57.09	26.6	32.1	87	70	NE 3	NE 3	7	8	------
2	57.80	56.60	27.6	33.2	82	62	NNE 3	NE 3	9	1	------
3	57.38	55.91	27.5	28.6	82	84	NE 3	NE 2	9	10	------
4	56.67	55.84	25	30.2	96	76	ESE 1	ESE 1	4	8	------
5	56.25	55.05	25.1	31.5	96	74	Calm	ENE 3	10	9	------
6	56.95	56.08	23.9	30.2	97	76	Calm	ESE 1	10	9	------
7	56.97	55.94	25.9	30.6	93	71	SE 1	NE 3	6	7	------
8	57.16	56.67	27.3	30.6	81	72	ENE 3	E 1	7	9	------
9	58.43	56.92	25.4	29.5	94	86	Calm	NE 1	2	3	------
10	58.35	57.09	26.1	30.3	91	74	NE 2	SE 3	5	7	------
11	58.68	57.25	24.7	29.3	97	79	Calm	Calm	10	10	------
12	58.36	57	24.2	31.5	97	71	Calm	NE 3	9	5	------
13	58.32	57.17	25	31.9	92	72	S 3	ESE 3	9	6	7.9
14	58.55	56.83	24.8	31.7	98	70	Calm	SSE 3	6	7	------
15	58.44	56.62	25.3	31.5	97	64	Calm	S 3	10	5	------
16	57.72	56.66	25	32.1	96	69	Calm	E 2	6	6	1.3
17	58.22	57.14	24.7	31.6	96	63	Calm	ESE 3	10	5	4.3
18	59.22	58.04	24.5	30.7	97	70	Calm	ESE 3	3	8	8.9
19	60.17	58.94	25.8	31.4	94	63	N 2	NE 3	10	2	------
20	59.83	58.43	24.8	31.8	98	71	Calm	ESE 2	5	4	64.2
21	59.27	58.09	25.3	29.9	97	73	NE 1	S 3	9	10	2.3
22	58.50	57.29	24	32.5	98	66	Calm	S 3	5	2	------
23	59.22	58.09	26.8	32.4	89	64	SSE 2	SSE 4	6	2	------
24	59.05	57.80	25.3	33.5	97	60	Calm	SE 3	3	7	19.8
25	59.40	58.64	24.8	31.1	97	74	Calm	NNE 4	10	10	1.3
26	58.89	57.48	24.5	32.6	96	66	Calm	N 3	10	8	------
27	58.32	57.90	24.9	26.1	92	94	Calm	Calm	3	9	83
28	60.13	58.67	24.1	29	98	75	Calm	ESE 1	10	9	8.9
29	59.96	58.60	24.6	31	97	73	Calm	E 1	4	8	5.8
30	58.33	56.44	26.2	32.6	90	64	NE 3	NE 2	4	5	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.42	57.21	25.3	31	93.7	71.5	0.9	2.3	7	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[c]207.7

Day.	JULY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.92	57	26.6	30.6	90	72	NE 1	NE 2	8	8	------
2	58.97	58.23	25.1	32.5	94	66	S 1	E 3	6	6	0.3
3	58.52	58.12	24.5	32.4	97	67	Calm	NE 3	5	3	3.6
4	58.13	57.23	24.2	28.6	93	83	NNE 1	ENE 2	10	10	35.1
5	57.29	56.69	24.5	32	96	68	ENE 1	NNE 2	8	3	1.5
6	57.24	56.81	25.1	28.4	97	85	Calm	E 1	8	9	13.3
7	57.35	56.80	24.5	31.1	97	64	NE 1	ESE 3	6	4	------
8	57.68	56.28	24.2	31.8	97	67	Calm	SE 4	7	2	------
9	57.49	56.08	26.4	31.6	89	67	N 1	S 3	10	7	.3
10	57.09	56.40	26.5	31.1	81	67	SE 2	S 4	10	4	------
11	56.84	56.29	26	29.1	84	76	S 3	S 4	10	9	------
12	57.55	56.92	24.6	31.2	97	74	Calm	ESE 3	10	9	15
13	57.54	56.38	25	32.1	98	68	Calm	ESE 2	9	4	16.8
14	55.43	53.89	25.6	29.1	98	80	W 2	W 3	10	10	66
15	51.88	50.20	26.1	25.7	87	93	W 5	WSW 4	10	10	65.8
16	52.47	53.10	25	25.6	92	90	S 4	SSE 6	10	10	47.3
17	54.05	54.48	25.9	29.7	86	72	S 6	S 7	10	10	10.1
18	55.06	54.73	26.8	28.8	86	76	S 7	S 7	10	9	10.4
19	54.73	55	26.1	29.8	83	73	S 6	S 6	9	9	37.6
20	56.40	55.87	26	29.6	84	77	S 4	S 4	9	9	8.1
21	56.11	55.86	26.1	29.1	83	77	S 5	S 4	9	10	16
22	55.78	55.02	25.5	28	84	70	S 3	S 4	10	10	5.4
23	53.55	52.88	24.9	29	87	75	S 4	S 3	10	9	9.4
24	54.22	54.63	24.4	23.6	95	95	S 4	S 4	10	10	51.4
25	55.72	55.37	25.6	29.2	84	72	S 4	S 4	10	9	1.8
26	56.53	56.17	23.6	30.1	83	72	S 3	S 3	5	9	------
27	55.92	55.27	27	29.8	80	63	S 3	SW 3	7	10	12.2
28	53.94	52.95	26	27.1	82	81	S 4	SSW 5	10	10	53.3
29	52.56	52.19	24.8	27	92	84	S 4	S 6	10	10	23.6
30	54.22	54.75	25.9	29	92	76	S 6	S 5	10	10	15
31	56.37	56.09	26	29.5	81	75	SSW 5	S 5	9	9	2.1
Mean	55.95	55.41	25.4	29.4	89.3	75	2.9	3.8	8.9	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	521.4

Day.	AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.88	55.79	25.5	27.4	88	78	S 4	S 5	3	10	1.6
2	56.42	55.73	26.4	30.1	79	63	S 4	S 4	10	8	------
3	56.84	56.68	26.6	32.6	82	64	S 4	S 4	5	6	------
4	57.24	55.85	25.8	31.8	88	65	S 3	S 4	10	6	29
5	56.53	55.74	24.4	26.2	93	85	S 3	S 3	10	10	7.1
6	56.04	55.72	25.4	25.2	87	90	S 3	S 5	10	10	3.6
7	56.08	56.28	26	26.8	87	86	S 4	S 4	10	10	27.7
8	57.60	56.61	24	27.6	91	81	S 4	S 5	10	9	8.6
9	57.04	56.97	25.9	30.4	85	66	S 4	S 5	4	7	------
10	57.14	56.34	26.9	31.1	83	69	S 5	S 4	7	5	------
11	56.49	55.65	26.1	29	86	75	S 4	S 4	8	10	1.3
12	56.14	55.25	25.3	29.4	84	71	S 4	S 4	3	3	------
13	56.25	55.34	25.3	29.5	89	76	S 3	S 2	10	10	.3
14	56.33	55.49	24.1	27.1	97	87	Calm	Calm	10	10	4.8
15	53.89	52.74	24.5	30	96	73	S 2	S 4	10	10	4.1
16	53.75	55.46	26.3	25.2	85	90	S 5	S 6	10	10	15
17	57.38	57.78	24.9	29.5	85	72	S 2	S 1	8	10	2.3
18	58.60	57.44	24.5	31	99	73	Calm	SE 3	9	3	------
19	57.04	55.69	25.1	-----	96	-----	Calm	SW 2	4	2	------
20	55.81	55.14	-----	-----	-----	-----	S 3	S 3	10	10	5.1
21	56.29	55.80	25.2	30.6	92	71	S 3	S 3	9	6	.3
22	56.13	55.46	25.3	30.4	86	75	S 3	S 4	1	3	------
23	56.10	55.75	26	29	86	76	S 5	S 6	3	9	12.7
24	56.73	56.13	25.8	27.3	89	82	S 5	S 6	3	9	1.8
25	58.39	57.76	25	30	85	65	S 6	S 3	9	10	2.5
26	57.48	56.40	25.8	29.4	81	72	S 3	S 5	5	10	4.3
27	54.87	53.63	25.5	27.4	88	78	S 5	S 6	8	10	4.1
28	54.01	53.86	25	27	93	83	S 6	S 6	9	9	5.4
29	56.29	56.85	25.3	29	89	72	S 4	S 5	6	8	5.9
30	57.54	56.75	26.2	31	80	65	S 5	S 5	8	6	------
31	57.07	56.19	24.2	30.3	97	71	S 2	SSW 3	8	3	1.5
Mean	56.43	55.88	25.4	29	88.2	75	3.5	4	7.4	7.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	149

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[a] No raingauge from May 6 to June 13.
[b] The raingauge was destroyed by the typhoon of the 6th.
[c] 22 days of observation.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, −1.78 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.14	54.39	25.3	30.1	94	68	W 4	WSW 5	8	8	0.5	58.03	56.92	24.8	30.5	100	72	N 1	NNW 2	4	2	8.9
2	52.81	51.87	25.1	29.3	93	74	S 3	S 3	10	10	8.9	57.93	56.29	24.2	31.4	100	72	Calm	NNW 2	4	1	11.4
3	51.38	50.85	25.9	26.3	88	90	S 6	S 6	10	10	31.3	57.72	56.55	24.1	29.6	100	82	Calm	NNW 1	8	7	.8
4	52.84	52.96	26	26.6	89	90	S 8	S 8	10	10	24.2	58.55	57.26	24.1	29.7	99	73	Calm	N 3	9	7	29.5
5	56.38	55.88	25.6	28.5	89	81	S 7	S 7	10	10	1.3	58.19	57.31	23.5	28.4	100	82	Calm	N 1	8	8	1.8
6	57.68	56.71	25.9	31.2	86	68	S 5	S 4	1	1	------	57.33	56.51	24.1	28.5	100	78	Calm	NNW 3	6	9	8.6
7	57.74	56.94	26.2	30.7	90	73	S 4	S 4	1	6	------	58.23	57.20	23.5	29.2	100	81	Calm	NNW 3	3	7	51.8
8	57.33	56.28	26.6	30.8	87	71	S 4	S 5	10	8	------	58.49	56.95	24.8	29.7	98	75	Calm	NNE 3	4	3	26.4
9	56.37	54.86	26.6	31	83	68	S 3	S 6	10	9	------	57.09	55.29	25.4	30.1	93	75	N 3	NNW 3	8	9	3
10	54.47	53.91	27.3	28.3	83	80	S 5	S 6	10	10	.5	55.72	54.60	26.3	30.5	88	75	NW 3	WNW 3	9	5	.8
11	54.57	54.62	27.4	28	86	82	S 7	S 7	10	10	.8	54.23	53.01	26.4	26.2	90	88	SSW 2	W 4	10	10	28.2
12	57.16	56.75	26.9	31.5	89	68	S 3	S 3	10	2	------	53.40	52.25	23.9	29.2	94	80	S 3	N 3	10	10	9.6
13	58.79	57.64	23.4	31.3	99	69	Calm	S 2	2	1	------	52.53	51.93	26.1	26.8	90	82	S 5	S 6	10	10	56.4
14	58.75	57.95	24.3	29.4	97	79	S 1	SSW 3	3	10	------	53.08	51.93	26.1	27	89	88	S 7	S 7	9	10	51.6
15	57.55	55.95	23.9	31.8	98	70	Calm	S 3	10	7	------	54.10	54.70	25.4	29.3	88	76	S 5	S 7	10	9	1
16	56.75	56.06	27.4	30.9	84	71	S 4	S 4	10	10	------	57.39	56.84	25.5	29.5	88	75	S 3	S 4	9	9	------
17	57.87	57.28	26.6	31.2	91	71	S 3	S 3	6	5	------	58.28	57.29	25.4	30.3	91	71	S 2	SE 3	3	3	19.3
18	58.48	57.42	26.1	30.8	93	72	S 3	SSE 3	8	10	------	59.36	57.80	23.1	29.6	100	75	Calm	SSW 3	5	2	9.4
19	58.85	57.64	24.5	30.1	99	75	Calm	ESE 3	9	7	------	59.64	58.43	23.1	29	100	78	Calm	NE 2	4	8	56.1
20	58.45	57	25.3	30.9	94	67	N 2	NW 3	10	7	------	59.58	58.67	24.6	30	99	73	NNE 2	NNE 3	9	7	2.5
21	57.18	55.96	24.5	30.5	98	72	N 2	NNW 3	7	1	------	59.64	58.22	23.5	29.3	100	76	N 1	NNE 3	6	9	------
22	57.70	57.17	23	31.5	98	65	Calm	S 2	2	4	------	58.96	57.45	23.5	30.3	93	74	Calm	NNE 2	4	8	.3
23	59.14	58.12	23.1	31.6	99	70	Calm	S 2	1	6	2.3	58.35	57.30	25.4	30.2	91	74	NE 3	NNW 4	6	8	------
24	58.77	57.47	24.8	31.5	99	65	N 2	NNE 3	10	3	13	58.96	58.60	25.1	30	81	66	N 3	N 4	1	1	------
25	58.37	57.34	24.4	31	99	69	Calm	N 3	10	8	1.1	60.39	59.32	22.5	29.8	96	67	N 2	N 4	6	8	------
26	58.12	57.34	25.6	31.6	98	72	N 1	NNE 3	6	6	2.8	59.94	58.11	21.5	29.6	85	61	N 3	N 4	5	1	------
27	58.97	58.30	24.7	31.9	99	67	N 1	N 3	4	1	.3	59.36	58.05	21.8	30.6	99	66	NNE 1	NNE 3	1	1	------
28	58.47	57.49	26.9	30.7	86	69	NNE 3	N 3	4	1	23.6	59.91	58.99	24.9	29.5	91	75	N 1	N 4	2	6	5.3
29	58.33	57.45	24.4	28.8	97	82	Calm	NNW 3	9	9	3.6	60.39	58.97	24.6	28.5	95	86	N 1	N 3	9	7	2.8
30	57.70	56.87	25.1	30.4	99	76	Calm	NNW 3	7	5	26.2	60.31	58.44	25.3	30.4	86	73	NNW 2	NNW 2	4	3	1
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	58.75	58.47	26	27.2	88	87	N 3	N 4	8	10	15.5
Mean	57.07	56.22	25.4	30.3	92.8	73.1	2.7	3.9	7.3	6.5	------	57.87	56.76	24.5	29.4	93.9	76	1.8	3.3	6.3	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	140.4	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	402

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.28	58.43	25	29.9	93	79	NNE 3	N 3	5	7	0.8	59.74	58.61	22.4?	29.5	100?	75	N 1	N 1	1	2	------
2	59.32	58.16	25.5	30.6	95	74	N 3	N 3	7	4	------	59.79	59.26	24	29.8	96	71	N 1	N 3	4	1	------
3	59.65	58.40	26.6	30.5	89	74	N 3	N 3	3	3	4.3	60.37	60.11	23	29.6	97	75	NNE 1	N 3	8	2	------
4	59.42	58.59	25.2	30.5	99	78	Calm	N 3	9	9	20.8	61.48	60.91	24.7	30	87	73	N 3	N 3	1	1	2
5	59.75	58.96	24.1	28.6	98	84	NE 3	N 4	10	9	9.7	61.59	60.62	25.1	29.6	90	75	N 3	N 3	9	8	.3
6	59.77	58.32	25.6	30.7	96	74	N 2	NNE 3	9	7	2.3	61.47	60.10	25	29	83	74	N 3	N 4	10	4	.5
7	59.63	58.66	26.7	29.6	90	82	NNE 4	N 4	9	9	13.2	60.73	59.47	25.4	30.5	88	68	N 4	N 3	9	1	26.7
8	59.75	58.81	26.7	28.9	91	82	N 3	N 3	8	9	9.1	60.03	58.77	25.3	29	88	79	N 2	N 4	8	8	9.9
9	59.53	58.17	26.2	29.9	89	77	N 5	N 3	4	9	.3	59.78	59.01	25.3	29.6	88	74	N 4	N 5	9	1	4.6
10	59.66	58.02	26.1	30.4	89	76	NNE 3	N 4	7	1	6.4	60.09	59.30	25.5	28	85	77	N 5	N 3	9	9	3.8
11	59.11	58.95	24	25.2	99	96	N 2	N 3	8	10	4.8	59.78	58.07	24.9	29.6	91	79	N 2	N 3	9	1	------
12	60.02	59.37	25.7	29.8	90	71	N 3	N 2	8	8	3	59.47	57.87	25.9	30.2	90	75	N 3	NNE 4	8	1	2.3
13	60.27	59.22	25.1	29.3	83	71	N 3	N 4	9	8	.6	58.94	58.17	24.8	30.1	98	75	N 4	NNE 4	8	9	22.9
14	60.41	59.02	24	29.2	78	63	N 4	N 5	1	3	------	58.57	57.89	25	27	96	89	N 4	N 4	10	10	27.2
15	60.13	59.65	25.6	29.5	75	58	N 5	N 5	9	1	------	58.50	57.21	25.4	29.1	93	81	N 2	NNE 3	9	4	.5
16	61.19	59.75	24.9	29.5	84	73	N 3	N 2	5	4	------	59.66	58.36	25.8	29.5	94	81	N 3	NNE 3	9	6	9.4
17	60.68	59.22	25.1	28.5	84	71	N 2	N 3	8	1	1.5	59.94	58.84	24.5	26.2	94	90	N 2	NNW 4	9	10	2
18	61.32	60.32	22.6	29.7	99	75	N 1	N 3	1	7	------	59.72	59.28	24.6	28.5	97	80	NNE 3	N 4	9	6	------
19	61.15	60.26	25.6	28.9	91	81	N 1	N 3	1	9	3.8	60.86	59.64	25.1	29.2	91	80	N 4	N 4	8	8	51.1
20	61.37	60.50	25.5	29.6	93	75	N 3	N 4	3	2	------	61.44	60.15	24.6	26.8	91	81	N 4	NNE 5	9	10	9.9
21	61.01	59.61	25.6	30.2	89	73	N 3	N 3	5	3	------	61.01	59.10	24.2	28	96	82	NNE 3	N 2	10	9	1.5
22	59.83	59.17	25.5	28.1	89	85	N 4	NNW 5	9	8	1.5	59.20	57.67	25	29.1	96	80	N 3	N 2	9	9	.8
23	60.96	60.78	23.8	26.9	89	85	N 4	N 6	8	10	4.6	58.83	58.35	24.8	28.7	96	77	NNE 2	N 4	9	9	------
24	61.66	60.75	24	28.1	95	72	N 4	N 6	10	9	.6	59.38	58.05	25.3	25.7	88	92	N 3	NNW 4	10	10	4.8
25	61.38	60.13	24.2	28.6	84	73	N 4	N 4	3	9	1.3	58.14	57.61	25.3	26.9	91	87	NW 4	NW 5	9	10	.8
26	59.37	57.98	24.7	29.1	82	68	N 4	N 4	3	3	.5	58.40	57.75	25.7	29	90	79	WNW 5	NW 5	9	6	------
27	56.80	56.12	25.1	27.8	89	80	WSW 4	S 2	8	9	------	58.80	58.07	25.6	27.2	87	87	NW 4	WNW 4	10	10	3
28	58.34	57.70	25.4	29.1	94	76	NNE 3	N 1	8	1	------	59.62	58.83	24.5	28.5	88	74	N 4	N 4	9	3	.8
29	58.68	57.62	23.4?	29.5	100?	78	N 1	NNW 3	3	1	.8	61.52	59.87	23.5	28	90	80	N 2	N 4	3	9	1.3
30	58.79	58.72	25.1	28.4	97	82	N 1	N 4	9	3	9.4	61.91	61.94	24.1	25.2	99	95	N 1	N 5	8	10	24.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	63.21	62.01	24.3	28.5	88	78	N 5	N 6	9	8	11.9
Mean	59.94	58.98	25.1	29.2	90.4	76.2	2.9	3.5	6.3	5.9	------	60.06	59.06	24.8	28.6	91.8	79.5	3	3.7	8.1	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	99.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	222.3

LAOANG.[a]

[ϕ=12° 35′ N; λ= 125° 01′ E; barometer above sea, 11 meters; gravity correction not applied, —1.78 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.25	58.53	24.3	27.4	95	84	E 1	E 3	10	10	11.9	63.99	63.47	24.3	26.6	86	77	ENE 4	NE 4	4	7	4.8
2	59.55	57.63	22.5	29.8	99	73	Calm	ENE 2	8	4	11.4	63.23	61.37	25	28.9	83	74	NE 3	NE 3	6	8	3.8
3	58.97	57.93	24.3	28.5	97	84	Calm	E 2	10	8	4.6	61.55	60.18	25.2	28.5	82	74	NE 3	NE 4	10	7	4
4	59.86	59.90	26.2	24.3	92	96	ENE 2	ENE 2	10	10	39.1	60.73	59.49	24.8	27.1	89	83	ENE 3	ENE 3	10	10	48.7
5	59.90	58.68	25.2	28.8	98	80	ENE 2	ENE 3	8	6	15.5	60.85	60.01	23.8	24.5	96	96	Calm	ENE 3	10	10	32.5
6	59.50	58.11	24.6	28.7	89	78	ENE 1	E 3	6	5	8.9	60.53	60.23	24	29	97	74	E 1	E 3	10	4	2.8
7	59.06	58.18	23.5	27.7	96	83	ENE 2	E 3	10	9	4.1	61.63	60.40	21.8	28.8	98	73	Calm	E 2	2	2	.8
8	59.70	58.32	22.7	27.5	98	87	Calm	ENE 2	9	9	6.6	61.29	59.72	22	28.5	96	77	Calm	E 2	6	2	.3
9	59.31	57.97	23.9	28	97	85	Calm	ENE 3	10	7	3.8	61.68	60	20.8	29.5	99	71	Calm	EbyN 2	2	2	.5
10	59.27	57.96	24.2	29.5	98	75	Calm	ENE 3	7	3	.3	61.33	60.07	21.1	26.8	99	86	Calm	EbyN 2	10	8	3.8
11	60.17	58.80	21.1	30	98	65	Calm	ESE 2	2	2	------	61.88	60.73	22	28.4	98	78	Calm	WSW 1	6	7	20.3
12	60.50	58.98	19.4	29.5	98	71	Calm	ENE 2	0	2	.3	62.72	61.68	24	22.5	93	98	ENE 3	E 2	10	10	112.5
13	61.40	59.73	20.9	26.7	97	84	Calm	E 3	3	6	.5	62.30	61.42	24	24	91	94	ENE 3	NE 2	10	10	23.6
14	60.85	60.02	21.1	28.2	98	79	SE 1	ENE 2	1	7	------	63.19	62.53	24.5	25.5	87	80	Calm	EbyN 2	9	10	.8
15	61.83	60.38	23.4	28.2	93	82	Calm	ENE 1	6	8	1.6	63.73	62.27	20.1	28.9	99	72	Calm	ENE 2	3	4	.5
16	62.70	60.46	20.9	29.5	99	71	Calm	ENE 2	0	4	------	64.64	62.76	21	29	97	74	Calm	NE 2	5	7	.3
17	61.73	59.96	20.5	30.1	97	75	Calm	NE 2	1	2	------	62.80	61.37	24.4	28.4	85	71	NE 1	ENE 2	7	7	------
18	61.86	59.81	21.8	29.5	98	71	SE 1	E 2	3	2	.5	61.65	60.32	20.6	28.5	95	67	Calm	E 2	2	1	------
19	61.54	60.22	21.4	29.8	97	76	Calm	NE 2	2	8	------	60.78	59.68	24.4	28.8	80	73	ENE 1	NE 2	2	8	2.3
20	62.48	60.03	22	29	96	71	Calm	E 2	1	3	------	59.75	58.01	24.8	28.2	95	83	E 1	E 3	9	10	.3
21	61.80	60.48	20.5	27.4	98	78	Calm	ENE 2	0	7	------	59.92	58.65	23	28.8	98	76	Calm	E 3	2	7	.5
22	62.05	61.26	21	29.8	97	68	Calm	ENE 2	0	1	1	59.70	58.12	24.8	29.9	90	70	Calm	E 3	2	3	1
23	62.55	60.96	23.2	30.5	97	72	Calm	NE 2	1	5	8.1	59.63	58.05	21.6	29.5	99	68	Calm	E 3	1	2	.5
24	62.03	60.40	22.3	30.1	97	74	Calm	ENE 2	4	4	3	59.52	58.92	24.4	27.3	92	82	Calm	ENE 3	10	10	1.3
25	62.79	61.46	22.1	28.5	97	78	Calm	NE 2	3	9	21.1	60.78	59.48	23	29.6	97	70	Calm	E 2	4	2	.3
26	63.80	61.96	24.7	28.7	89	75	NE 2	NNE 3	5	3	9.4	59.97	58.51	20.8	29	97	74	Calm	NE 2	2	3	3
27	64.40	62.53	23.1	27.6	79	69	NE 4	NE 4	9	4	2.3	59.95	58.31	23.4	29.2	97	74	N 1	ENE 2	8	7	------
28	63.50	62.07	23.9	28.5	86	70	N 3	NNE 3	10	3	------	59.36	58.63	22.6	29.5	98	76	Calm	NE 2	4	8	------
29	63.08	61.69	25.3	26.7	82	90	NNE 3	NE 3	10	10	11.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	63.05	62.73	24.8	26.5	90	77	ENE 3	NE 3	10	10	6.1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	63.53	62.36	25	28.1	83	77	NE 3	ENE 4	7	7	4.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.39	59.98	22.9	28.5	94.4	77.4	0.9	2.5	5.4	5.7	------	61.40	60.16	23.1	28	93.3	77.3	0.9	2.4	5.9	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	176.1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	269.2

Day.	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.62	59.83	23.6	29.5	95	70	Calm	ENE 2	5	4	2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
2	61.25	59.29	22.6	28.8	95	75	E 1	NE 2	2	7	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
3	60.06	58.86	21.6	29.3	98	72	Calm	ENE 2	2	4	.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
4	60.31	58.50	22.6	30	97	71	Calm	ENE 3	5	5	2.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
5	59.75	58.16	23.3	30	97	72	ENE 1	ENE 3	6	5	13.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
6	59.45	58.59	24.4	29.3	94	76	Calm	E 2	8	6	1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
7	59.22	57.61	24	29	96	79	Calm	E 3	1	9	3.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
8	58.15	56.73	23.1	29.9	99	75	Calm	ENE 3	1	3	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
9	58.10	56.66	23.4	29.5	97	68	Calm	ESE 2	5	4	1.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
10	58.58	58.86	22.5	29.5	96	78	Calm	E 2	3	8	1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
11	59.62	57.99	22.5	29.4	97	76	Calm	E 3	6	3	2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
12	59.73	57.15	22.4	30	96	75	Calm	ENE 2	6	4	.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
13	59.39	57.66	23.6	30.6	95	76	Calm	NE 3	1	3	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
14	59.80	58.53	22.7	31.9	98	70	Calm	NE 2	2	4	.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
15	60.45	59.02	23	30.5	96	66	Calm	E 3	4	5	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
16	59.86	58.40	25	30.2	80	67	E 1	E 3	1	4	.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
17	60.54	58.37	24	28.1	95	78	Calm	ENE 2	3	7	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
18	60.07	58.57	21.9	29.8	96	71	Calm	E 2	2	2	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
19	59.45	58.73	24.5	30	92	65	E 1	E 3	5	2	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
20	60.21	58.86	21.5	30	95	65	Calm	E 2	2	3	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
21	59.59	57.71	21	30.1	96	62	Calm	NE 3	2	1	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
22	58.74	58.11	20.8	29.5	97	74	SE 1	NE 2	0	7	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
23	58.69	57.80	21.5	29.8	100 ?	65	Calm	ENE 3	1	2	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
24	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
25	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
26	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
27	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
28	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.64	58.26	22.8	29.8	95.5	71.6	0.2	2.5	3.2	4.4	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[b] 28.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------

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[a] This station was transferred to Batag Light-Station on March 24.

[b] 23 days of observation.

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, −1.77 mm.]

Day.	MARCH.											APRIL.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.20	57.20	25.4	28.9	78	67	E 2	E 2	4	3	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.74	56.82	25	27.7	83	76	E 1	E 2	7	7	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.92	57.19	24.7	28.4	77	67	NE 1	E 1	5	4	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.49	57.73	25	28.8	80	68	E 1	E 1	7	7	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.95	57.47	24.4	26.7	82	81	E 1	E 2	9	10	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.15	56.71	23.7	28.7	90	73	Calm	E 2	4	3	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.59	57.01	25	30.1	86	64	E 1	E 1	3	2	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.68	57.55	24.5	29.3	83	62	ESE 1	E 1	3	2	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.09	57.33	24.9	29.3	76	67	E 1	E 2	2	8	5.1
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.33	57.45	25.5	29.4	83	68	ESE 2	E 1	7	6	10.4
11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.51	56.40	24.5	29	96	78	ENE 1	ENE 1	9	7	26.4
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.74	57.08	23.4	26	97	88	E 3	ESE 3	10	9	25.2
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.84	57.63	23.5	25.1	95	94	E 1	E 2	10	9	5.8
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.95	57.16	25	25.7	96	93	SE 1	SE 1	9	9	3
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.13	57.33	24.5	24.5	92	96	E 1	SSE 1	9	10	9.9
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.61	56.79	24.5	28.6	93	81	Calm	E 1	7	6	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.52	56.92	24.7	28.5	86	81	SE 1	SE 2	3	5	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.66	57.48	25	28.7	92	80	Calm	SE 1	3	3	-----
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.59	57.24	25	29	92	71	Calm	E 1	7	3	-----
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.66	57.69	26	29	85	74	E 1	E 1	3	3	2
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.80	57.60	26.1	28.6	85	73	E 1	E 2	3	3	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	59.07	57.93	25.5	29	84	71	E 1	E 1	3	3	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.65	57	25.5	29	84	71	E 1	E 1	4	3	2.5
24	-----	58.66	-----	29	-----	64	-----	E 2	-----	2	-----	56.70	55.80	25.1	28.5	91	78	ESE 2	ESE 2	7	7	15.3
25	58.42	58.87	24.7	29.9	83	71	E 2	ENE 3	2	7	1	56.86	55.94	24.9	28.5	88	78	E 1	E 2	6	6	-----
26	58.40	58.01	24.3	28.7	85	63	NE 3	NE 3	8	4	-----	57.53	56.55	25.5	28.5	84	74	ENE 2	E 2	7	7	4
27	59.65	58.43	23.6	28.9	82	71	NE 2	ENE 2	6	6	10.2	56.99	56.51	24.6	28	94	78	E 1	ENE 2	8	7	6.1
28	59.80	59.07	24.9	27.5	86	88	Calm	E 1	6	8	7.4	56.38	55.70	25.5	29.3	93	76	E 2	E 2	7	7	-----
29	59.63	58.53	25.2	29.3	80	69	E 2	E 2	4	2	-----	57.37	55.92	25	28.4	88	77	E 1	E 1	7	7	1.8
30	59.59	58.82	25	28.4	83	73	E 2	E 2	3	4	1	56.85	55.09	25.4	29.4	88	71	E 1	E 1	7	4	-----
31	58.93	58.37	25.1	28.4	84	64	E 2	E 2	3	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.98	56.94	24.9	28.3	87.4	75.9	1.1	1.5	6	5.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	117.5

Day.	MAY.											JUNE.										
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	55.92	55.28	25.6	28.9	86	75	NE 1	E 1	7	7	-----	56.84	56.14	26.1	29.9	92	79	E 2	E 2	6	6	-----
2	56	55.07	25.5	28.5	88	78	E 1	E 2	6	7	26.6	56.75	55.79	26.4	30	90	74	E 2	E 2	6	4	16.8
3	57.07	56.35	23.5	28.5	96	81	NE 3	E 2	10	9	18.3	56.66	54.96	24.7	28.4	95	81	Calm	E 1	10	8	2.5
4	55.66	54.41	25.5	28.6	92	83	ENE 2	ENE 2	9	9	19.5	55.86	54.79	26.1	29.5	93	80	E 1	E 2	8	6	-----
5	52.87	50.06	24.8	23	89	100	NE 4	E 7	10	10	133.9	55.74	55.38	25.1	29.5	95	76	Calm	E 3	4	4	-----
6	54.13	54.41	23.9	23	97	96	SE 1	SSE 2	10	10	43.4	56.01	55.39	24.5	29.9	93	76	Calm	E 1	2	7	1.5
7	56.08	56.27	24	25.5	96	92	SE 1	SE 1	8	9	19	56.44	55.24	25.3	29.5	90	77	Calm	E 2	3	4	1.3
8	57.06	56.27	24	25.6	96	92	SE 1	SE 1	4	9	2.5	56.56	55.99	25	30	90	77	Calm	E 2	4	4	-----
9	55.95	55.28	24.5	28.9	92	85	SE 1	ESE 1	4	4	7.9	57.61	56.03	25.2	29.7	93	73	Calm	E 2	3	3	-----
10	56.43	55.37	24.5	29.5	96	81	Calm	E 1	4	4	-----	57.88	56.25	24.9	30.1	92	71	Calm	E 2	3	3	-----
11	57.81	56.61	24.6	29.9	92	82	Calm	SE 1	4	4	-----	57.82	56.78	25.4	30.1	88	68	E 1	E 2	3	3	-----
12	58.62	56.87	25	29.5	91	81	SE 1	SE 2	4	4	-----	57.50	56.32	24.8	30	91	71	Calm	E 2	3	4	-----
13	58.07	56.16	25.5	29.9	84	79	ESE 1	ESE 2	2	2	-----	57.37	56.72	25.5	27.6	88	87	Calm	E 1	5	7	-----
14	57.19	55.52	24.6	30	94	75	Calm	E 1	2	2	-----	58.10	56.12	25.2	30	91	74	Calm	E 2	4	4	-----
15	57.18	56.40	24.5	30.6	93	74	Calm	E 1	2	2	-----	57.71	56.44	24.4	30	92	75	Calm	E 2	3	4	2.3
16	57.71	56.24	24.9	30	92	77	E 1	E 1	4	2	-----	56.95	56.61	24.6	28.4	96	79	E 1	SE 2	4	9	-----
17	58.39	57.54	24.4	29.9	93	77	E 1	E 2	2	8	-----	57.57	56.58	24.6	30.9	96	72	Calm	E 2	3	4	-----
18	58.84	57.98	25.1	30	98	74	Calm	E 2	2	4	30.5	58.66	57.46	25	30.2	92	76	Calm	E 2	4	4	-----
19	58.27	57.73	23	28.7	96	83	Calm	E 2	9	8	-----	59.37	58.10	24.9	30.1	95	71	Calm	E 2	4	4	-----
20	58.19	57.50	24.4	29.5	96	75	Calm	E 2	4	8	2.5	58.77	57.16	25.5	32	92	65	E 1	E 2	3	4	1.3
21	57.46	56.57	25.5	30	85	74	E 2	E 2	6	4	-----	58.28	57.45	25	29	96	78	E 1	E 2	8	8	2
22	57.32	56.29	25.4	29	93	78	E 1	E 2	7	7	-----	58.14	56.58	24	30.6	91	73	Calm	E 2	4	3	-----
23	56.92	55.86	24.6	29	95	78	Calm	E 2	7	7	23.9	58.38	57.07	25	31.9	95	62	SE 1	E 1	2	3	-----
24	56.61	55.51	23.6	27.9	99	84	E 1	E 2	9	9	12.2	58.40	57.20	25	30	95	75	Calm	E 2	3	7	-----
25	57.90	57.01	24.5	27.7	96	87	Calm	E 1	9	9	-----	58.54	57.89	23.8	29.4	97	76	Calm	E 1	8	8	2.8
26	58.08	57.18	25.4	29.4	88	76	E 1	E 2	7	4	-----	57.63	57.53	24.6	24.5	92	95	Calm	SE 2	8	9	22
27	58.31	56.77	25.6	29.5	90	75	Calm	E 2	2	2	-----	57.99	56.22	24.5	28.9	95	77	Calm	E 2	8	7	-----
28	57.27	56.24	25.9	29.5	89	73	E 1	E 2	3	2	-----	58.45	58.61	25.5	23.4	93	93	Calm	E 1	6	9	31
29	57.32	56.47	24.4	29.9	93	77	Calm	E 2	2	3	-----	59.42	58.28	24	29	96	78	Calm	S 2	4	8	-----
30	57.87	56.97	25.6	29.4	90	80	Calm	E 2	3	4	3.8	57.77	56.47	25.1	29.1	99	81	Calm	E 3	6	6	-----
31	57.85	57.07	26	29.6	89	77	E 2	E 2	5	6	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.11	56.11	24.8	28.7	92.4	80.6	0.9	1.8	5.4	5.8	-----	57.64	56.58	25	29.4	93.1	76.3	0.3	1.9	4.7	5.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	346	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	83.5

The barometric readings of this station seem to be too low by about 1 mm.

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, —1.77 mm.]

Day.	JULY.											AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*
1	58.24	57.22	25.5	30.2	91	70	E 1	E 2	4	4	------	54.65	54.14	25	28.4	91	77	SW 2	SW 3	7	8	------
2	57.85	57.17	24.8	29.5	97	78	Calm	E 2	3	4	------	55.19	53.77	24.6	29.7	91	73	SW 2	SW 3	9	8	------
3	57.66	57.15	24.5	27.8	99	86	Calm	E 1	4	9	8.3	55.35	54.76	25.5	31	88	63	SW 2	SW 3	7	7	------
4	57.56	56.20	24.7	29.4	97	82	Calm	E 2	9	8	------	54.96	54.11	25.8	30	81	66	SW 3	SW 3	4	4	------
5	56.43	55.91	25	28.5	96	85	Calm	E 1	8	9	32.8	54.59	53.79	24.9	31.1	91	62	SW 2	SW 4	4	4	2
6	56.39	56.14	24.4	28.7	96	76	Calm	E 1	9	8	2.3	55.20	53.95	23.5	29.6	96	67	SW 2	SW 4	10	7	------
7	57.06	55.53	25	29.6	95	77	Calm	E 2	7	6	------	55.57	54.77	24.5	29.5	92	68	SW 1	SW 2	6	6	------
8	56.37	55.06	24.4	30.7	96	67	S 1	NE 1	4	4	------	56.25	54.72	23.6	30.6	95	65	SW 1	SW 3	6	6	------
9	56.55	55.03	23.4	30.3	97	66	S 1	SW 2	3	6	------	55.80	55.05	25.1	31.2	92	60	SW 2	SW 4	4	6	------
10	56.20	55.48	24.2	26.7	97	83	S 1	SW 3	6	6	------	55.61	54.78	24.9	29.5	88	68	SW 2	SW 3	4	7	------
11	56.39	55.19	24	29.4	97	75	SW 1	W 2	8	7	------	55.59	54.27	24.9	29.5	88	72	SW 2	SW 2	8	8	------
12	57.17	56.24	24.7	29.5	95	68	W 1	WNW 2	6	6	------	55.20	54.02	24.5	30.4	92	69	SW 2	SW 3	4	3	2.5
13	57.19	55.13	24.5	30.9	99	72	W 1	SW 1	8	7	19.8	55.12	54.18	24.5	25	97	96	SW 2	SW 2	10	10	22.6
14	54.16	50.63	24.5	25.6	99	98	W 1	NNE 3	10	10	82.2	54	52.76	24.5	26.7	92	83	W 3	W 4	10	10	1
15	47.43	48.52	23.4	23	98	96	WSW 4	SW 4	10	10	56.1	52.20	51.95	25	27.7	92	78	W 4	SW 4	10	9	------
16	51.37	51.62	24.9	26.4	87	80	SSW 3	SSW 3	9	9	------	53.82	54.70	24.5	29.1	91	77	SW 1	SW 2	9	9	------
17	53.77	53.89	24.5	28	90	74	SSW 3	SSW 3	9	9	------	57.71	56.77	25.5	29.6	88	77	Calm	ESE 2	9	8	7.6
18	53.62	53.34	24.5	30.4	96	62	SW 2	SW 6	7	4	------	57.21	55.88	25	30.5	96	72	E 1	E 2	7	7	1.3
19	54.18	53.48	25.1	31.2	87	61	SW 2	SW 5	3	4	------	55.50	53.98	25.7	28	94	82	E 1	W 1	6	6	71.1
20	54.79	54.19	25.7	30	85	68	SW 4	SW 4	6	4	------	55.02	53.73	23.6	30	99	69	W 2	W 3	10	7	1.5
21	54.86	53.10	25.5	29.4	88	74	SW 3	SW 4	4	5	------	55.08	54.25	24.5	25.6	95	90	W 2	SW 1	4	8	------
22	53.93	52.87	25.1	26.9	87	81	SW 3	SW 4	5	8	------	55.01	54.28	24	29.2	96	72	SW 1	SW 2	3	7	2
23	52.23	51.39	25	29	88	74	SW 3	SW 4	6	8	------	54.94	54.17	24	29	96	71	SW 1	SW 3	4	7	3.6
24	53.24	53.27	25	27.5	88	81	SW 2	SW 4	7	8	------	55.78	54.47	25	30.2	92	68	SW 2	SW 3	7	4	1.3
25	54.95	54.22	24.5	29.6	88	70	SW 2	SW 2	4	4	------	56.47	55.73	24.8	28.8	87	68	SW 3	SW 3	4	4	------
26	54.95	55.41	25.5	28.1	84	77	SW 2	SW 2	4	8	------	56.56	54.89	25.1	28.8	87	72	SW 2	SW 4	7	8	------
27	53.98	53.08	26.2	27.5	90	81	WSW 3	SW 4	8	9	20.6	54.04	52.56	24.1	31.5	86	63	SW 1	SW 2	3	7	------
28	51.51	50.92	24.5	26	91	81	SW 4	SW 4	10	10	4.3	53.59	53.17	24.1	28	89	72	SW 2	SW 3	4	8	------
29	52.27	51.76	24.5	28.5	87	70	SW 2	SSW 4	7	7	------	55.51	55.43	24.9	29.9	87	69	SW 1	SW 2	9	8	4.1
30	54.51	54.13	24.5	29	87	69	SW 1	SW 3	7	7	------	55.94	55.55	24.5	28.4	87	68	SW 2	SW 2	8	8	------
31	55.22	54.58	24.5	30.9	91	65	SW 2	SW 3	3	4	------	55.79	54.85	26	25.6	89	92	SW 2	W 1	9	10	6.3
Mean	54.92	54.12	24.7	28.7	92.4	75.7	1.7	2.8	6.4	6.8	------	55.27	54.37	24.7	29.1	91.1	72.5	1.8	2.7	6.0	7.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	226.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	126.9

Day.	SEPTEMBER.											OCTOBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*
1	53.96	52.66	25.4	26.7	93	87	W 2	W 2	8	8	10.9	57.17	56.35	24.5	29.7	97	72	E 1	SW 2	4	4	5.8
2	50.81	49.36	25	24.8	96	93	SW 3	SW 4	10	10	33.8	57.19	56.13	25	30	96	75	SW 1	SW 1	7	4	5.6
3	50.32	50.41	24.5	27.2	92	72	SW 3	SW 5	10	8	------	57.27	56.25	24.5	30.4	98	72	SW 1	SW 2	4	3	------
4	53.92	52.56	25.5	29.4	76	66	SSW 2	SSW 4	7	7	------	57.94	56.60	24	30.4	96	72	Calm	E 2	7	4	------
5	56.06	55.12	24.5	31	85	59	S 1	S 3	4	4	------	57.52	56.30	23.7	30	98	71	E 1	W 1	6	4	17
6	57.27	55.95	24	30.9	94	61	SW 2	S 2	4	4	------	57.23	55.90	23.5	30	99	71	E 1	E 2	4	4	------
7	57.11	55.89	24.1	30	94	71	S 1	SW 2	3	8	------	57.22	56.29	24.2	29.7	94	74	E 1	E 1	3	5	3.8
8	56.47	55.10	24.7	30.3	93	76	SW 1	SW 3	8	8	------	57.68	56.29	23.8	28.2	93	84	SW 1	E 2	6	7	------
9	55.73	54.02	25	30.3	89	67	SW 1	SW 3	9	8	------	55.84	54.28	26.4	27	85	86	W 2	W 3	8	8	35.1
10	54.37	53.24	25	29	92	65	SW 1	SW 3	8	8	------	54.84	53.36	24.5	28.5	99	75	W 2	W 1	9	8	2.3
11	54.99	54.43	25	32	88	57	SW 1	SW 2	8	6	------	53.59	51.48	24.5	27.4	94	81	WSW 2	SW 3	9	8	3
12	57.19	56.15	25.4	30.6	88	64	S 1	SE 2	4	3	------	51.90	51.53	24.4	26.5	88	83	SW 3	SW 4	8	8	1.5
13	58	56.50	24.2	30.3	94	68	S 1	SSW 2	3	3	1.8	53.46	52.20	24	26.5	95	76	SW 2	SW 4	9	9	2.3
14	57.64	56.31	24.2	30	97	74	SW 1	SW 2	7	7	5.6	53.05	51.40	24.8	29	85	68	SW 3	SW 5	9	9	------
15	56.30	55.20	24.5	30.4	95	65	SSW 2	SW 3	7	7	------	52.75	53.17	26.1	29	79	62	SW 4	SW 4	7	6	------
16	56.39	55.20	24.6	31	95	72	SW 1	SW 1	4	6	------	56.49	56.16	25.3	29.4	89	72	SW 2	SW 2	7	7	12.2
17	57.99	56.56	25.6	30.5	91	73	Calm	E 2	4	6	------	57.55	56.83	23.5	25.3	97	93	SW 1	SW 1	5	9	11.2
18	58.06	56.55	24.3	30	93	75	SSW 1	E 1	4	7	7.1	58.40	57.36	23.5	28.2	97	79	SW 1	WNW 2	5	7	11.2
19	58.81	56.58	23	29.5	96	75	S 1	E 1	9	7	32	58.51	57.39	24.6	25	98	98	NW 1	W 1	9	9	78.2
20	57.44	55.90	24.4	29.7	96	77	N 1	ENE 1	4	6	5.3	58.59	57.34	24.5	27.7	99	83	E 1	E 2	9	8	6.6
21	56.52	55.02	25	28.9	89	74	E 1	E 2	6	4	------	58.76	57.13	25.3	28.6	89	78	E 1	E 2	9	9	1.3
22	56.99	56.96	23.5	30.5	95	66	SW 1	SW 2	3	4	------	57.69	55.65	25.2	28.1	88	74	N 2	W 3	9	8	9.1
23	58.75	57.76	23.5	30.5	94	72	S 1	SW 2	4	4	------	56.60	55.98	25.6	25.6	90	92	W 3	WNW 3	8	9	11.2
24	58.38	57.06	25.6	29.6	84	74	E 1	E 2	4	4	2	57.44	57.61	25.7	28.5	81	70	WNW 3	WNW 3	9	8	------
25	58.17	56.91	25.1	29.4	95	79	NE 1	E 2	7	6	------	59.36	58.37	24.5	29.2	73	61	E 2	N 2	4	4	------
26	58.29	57.16	25	29.6	93	74	Calm	E 3	4	4	------	58.77	57.15	24	30	79	65	E 1	E 1	4	4	------
27	58.72	57.78	25.1	28.8	94	75	Calm	E 2	4	4	10.7	58.47	57.33	22.1	29.5	96	64	E 1	W 2	4	3	------
28	58.29	56.82	25.5	26.5	96	88	E 1	E 1	7	8	30.5	58.98	57.95	23.6	29.6	97	70	E 1	E 2	4	4	69.1
29	57.67	56.79	24.9	27.4	92	85	E 1	Calm	9	8	1.3	59.41	57.94	23.3	28.4	97	81	Calm	E 2	9	8	4
30	57.22	56.11	24.5	30.4	98	74	Calm	E 2	4	4	------	59.45	57.66	23.6	28.7	98	77	E 2	E 2	9	4	33.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	58.58	58.04	23.9	25.5	97	96	E 1	E 1	9	10	50.8
Mean	56.59	55.40	24.7	29.5	92.2	72.6	1.1	2.2	5.9	6	------	57.02	55.92	24.4	28.4	92.3	76.6	1.5	2.2	6.9	6.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	141	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	374.6

BATAG.

[φ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, −1.77 mm.]

Day.	NOVEMBER.											DECEMBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6. a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.73	57.95	24.5	24.6	87	93	E 1	E 1	10	10	22.3	59.09	58.03	24	28.5	97	74	E 2	E 2	3	3	-----
2	58.74	57.59	24	28	97	84	E 2	E 2	8	7	4.6	58.91	58.56	24	28	92	76	E 3	E 2	7	3	4.5
3	59.09	57.73	24.7	29	90	79	Calm	E 3	4	4	-----	58.96?	59.63	24.6	28.5	87	74	E 2	E 2	3	3	-----
4	59.01	57.82	25	29.4	83	79	E 1	E 3	4	8	35.6	60.89	60.19	24.5	26	89	84	E 3	E 3	3	5	-----
5	58.86	58.59	24.4	26.3	97	94	E 2	E 2	9	9	7.9	60.94	60.14	25	27.2	83	75	E 3	E 2	5	4	-----
6	59.24	58.28	25.4	29.3	96	82	E 2	E 3	7	4	15.7	60.94	59.76	25	28	83	69	E 3	E 2	3	3	-----
7	59.98	59.10	23.5	26.4	99	92	E 1	E 1	10	10	42.7	59.94	59.13	24.9	25.2	83	83	E 3	E 3	8	7	27.1
8	59.51	58.58	25.9	26	93	89	E 3	E 3	7	8	12.7	59.88	58.31	24	26.7	96	78	E 3	E 3	8	8	1.5
9	59.41	58.09	25.6	28.8	90	80	NNE 3	NNE 3	4	4	-----	59.42	58.76	25	24.8	83	93	E 3	E 3	8	9	20.6
10	59.13	58.23	25.5	28.6	89	80	NNE 3	NNE 3	4	4	3	59.57	58.81	25	28	83	77	E 3	E 2	7	5	9.7
11	59.04	57.98	24	28.4	96	76	NNE 1	NNE 3	4	4	5.3	59.47	58.44	25	27.2	93	83	NNE 3	NNE 3	8	7	-----
12	59.49	58.55	25	28.5	88	77	NNE 2	NNE 2	4	7	1.3	58.94	57.41	25	28	92	85	NNE 2	NNE 3	6	3	9.4
13	59.51	58.65	24.4	28	77	67	NNE 2	NNE 3	5	4	-----	58.45	58.02	24.9	27.5	92	84	NNE 3	NNE 3	5	5	20.6
14	58.97	58.01	24	27.5	79	66	NNE 2	NE 3	6	6	8.9	58.15	57.80	24	25.9	91	88	NNE 2	NNE 3	9	9	11.7
15	58.77	58.66	24.6	25.9	88	89	NNE 3	NNE 4	4	8	26.7	57.96	57.16	25	26	96	92	NNE 2	NNE 2	9	7	16.5
16	59.80	58.90	23.5	25.6	96	87	NNE 2	NE 2	9	9	22.4	59	57.95	25	28.7	92	80	NNE 2	NNE 2	6	5	22.9
17	59.79	58.55	24	27.5	88	76	N 2	N 2	9	7	1.8	58.96	57.93	24.5	26	96	93	W 1	E 1	10	8	24.9
18	60.40	59.34	24	26	96	89	NE 1	NE 3	8	8	34.3	59.17	58.33	24.9	28.4	88	82	ENE 1	ENE 2	7	6	10.9
19	60.03	59.60	24.5	28	96	86	Calm	NE 2	8	4	15.5	59.89	59.10	23.5	23.5	95	98	ENE 3	ENE 3	8	10	44.4
20	60.47	59.91	24.2	24	90	97	NNE 1	NNE 2	4	8	13.2	60.39	59.51	25.1	27.5	87	75	ENE 3	ENE 3	8	7	1.5
21	59.98	58.70	23.6	29	90	79	NNE 2	NNE 2	4	4	3.8	59.96	58.56	25	26.5	93	91	ENE 3	ENE 2	9	9	31.2
22	58.97	58.50	24	27.5	99	87	NNE 2	NNE 3	8	7	4	58.63	57.43	24.2	25	94	95	ENE 2	ENE 2	6	8	15
23	59.74	59.61	25	28.8	92	76	NNE 3	E 3	7	4	2.5	58.35	57.85	23.5	26.2	97	86	ENE 1	Calm	8	9	23.4
24	60.47	60.03	24	24	91	91	E 2	E 3	9	9	3	57.61	55.55	24	25.6	96	91	ENE 2	NE 3	10	10	13.9
25	60.29	58.95	24	28.4	79	70	NNE 3	NNE 2	3	4	3	54.97	55.29	25	26.8	92	90	N 2	W 3	10	9	4.3
26	58.24	56.50	24.5	24.6	87	97	NNE 3	N 2	4	9	72.4	57.11	56.46	23.5	28.5	96	81	W 1	W 2	8	7	1.5
27	56.60	56.61	23.2	27.7	98	79	NE 2	NNE 2	8	7	1.3	57.88	57.16	24	26.8	99	78	W 2	NE 3	8	8	-----
28	58.48	57.24	23.5	28	96	82	E 1	E 2	8	7	42.2	59.09	58.49	24	26.4	84	81	NE 3	NE 3	6	7	11.4
29	58.41	57.13	23.4	26.7	98	86	S 1	E 1	6	7	43.2	59.98	59.34	24.4	25.4	97	95	NE 3	NE 2	8	9	27.9
30	58.59	58.05	23.4	28	97	77	E 2	E 2	8	3	-----	61.07	60.41	23.9	27.1	97	85	E 2	E 3	10	7	22.6
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.35	61.18	23.5	26.6	95	87	E 3	E 3	8	7	10.7
Mean	59.26	58.38	24.3	27.3	91.4	82.9	1.8	2.4	6.4	6.5	-----	59.22	58.41	24.4	26.8	91.5	84	2.4	2.4	7,2	6.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	449.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	388.1

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.56	58.74	25	27.2	95	87	NE 3	E 4	8	8	65.8
2	59.88	58.05	24	28	96	81	NE 2	NE 3	8	7	1.3
3	59.28	58.22	24.5	28.8	96	83	E 3	NE 3	8	8	5.3
4	60.12	60	26	25.2	96	98	NE 3	NE 2	9	8	18.8
5	59.96	58.97	24.5	28	96	85	NE 2	NE 3	8	9	3.8
6	59.60	58.25	25.5	28.4	84	79	NE 2	NE 3	7	7	16.3
7	59.66	58.65	23.2	24.9	97	94	NE 2	E 3	10	10	11.9
8	59.54	58.57	25.3	28.8	94	83	E 3	NE 2	9	8	23.6
9	58.88	58.44	24	26	97	96	NE 2	NE 2	6	9	10.2
10	59.02	58.06	26.5	28.8	88	82	NE 3	NE 2	7	8	1
11	59.87	59.19	25.5	29	92.	74	E 2	E 2	6	6	
12	60.56	59.12	24.2	29	86	74	SE 2	NE 2	6	7	3.3
13	61.19	59.92	22	29	96	73	NE 2	NE 2	5	7	
14	61.14	60.02	22.7	28.9	94	74	NE 2	ESE 2	6	7	
15	61.74	60.47	24	29	95	75	S 2	ESE 2	7	6	2.3
16	62.51	60.94	22	28.9	96	71	SE 2	ENE 2	7	6	
17	61.64	60.27	21.5	29	95	74	NE 2	NE 2	6	7	
18	61.59	59.97	22	28.9	96	74	NE 2	NE 2	7	6	2
19	61.26	60.43	22	28.5	96	76	NE 2	NE 3	5	7	
20	62.22	60.41	25.5	29	83	71	NE 3	NE 3	5	5	
21	61.78	60.84	22.8	29	93	71	SE 2	NE 2	6	4	
22	62.04	61.57	23.4	29.4	92	71	NE 2	NE 2	7	7	
23	62.71	61.17	22.5	29	91	71	NE 2	ENE 3	9	5	1.8
24	62.14	60.89	23.8	28.8	95	79	NE 2	NE 2	8	6	
25	62.99	61.77	23.4	29	93	75	NE 2	NE 3	6	7	2.5
26	63.74	62.38	24.8	28.5	85	74	NE 4	NE 4	7	7	10.2
27	63.91	62.94	23.8	26.9	86	66	NE 5	NE 4	8	8	2.6
28	63.66	62.39	22.3	27.3	93	65	NE 2	NE 4	7	5	
29	63.29	62.09	24.2	27.4	86	74	NE 4	NE 5	10	8	13.5
30	63.31	63.04	23.7	27	94	72	NE 4	NE 5	8	8	5.3
31	63.53	62.87	23.8	26.5	90	82	NE 5	NE 5	8	8	5.6
Mean	61.40	60.28	23.8	28.1	92.5	77.5	2.6	2.8	7.2	7.1	
Total											207.1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.89	63.67	24	26.7	87	70	NE 5	NE 5	8	8	1.3
2	63.44	61.91	24	27.5	83	74	NE 3	NE 4	7	7	
3	61.74	60.84	24	27.5	91	73	NE 5	NE 5	8	5	2.5
4	61.15	59.89	24.5	28.2	87	74	NE 5	NE 4	8	10	22.9
5	61.61	60.47	23.5	27.5	96	74	NE 8	NE 3	8	9	38.9
6	61.04	60.65	24.2	27.5	98	84	NE 4	NE 2	8	8	46.8
7	61.65	60.94	24.4	28.7	90	74	NE 8	NE 8	7	6	
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
Mean											
Total											

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16	59.89	58.76	26	29.2	83	70	NE 3	NE 2	8	6	
17	60.09	58.60	26	29	89	75	NE 2	NE 2	8	7	
18	59.90	58.99	25.6	30	87	71	E 2	NE 2	8	6	
19	59.45	58.97	26.2	29	85	69	NE 2	NE 3	8	7	
20	60.19	59.46	23.4	29.3	93	67	NE 2	E 3	6	5	
21	59.29	58.32	22.4	29.5	91	67	E 2	E 2	4	4	
22	58.48	57.98	21.8	29.6	89	66	E 2	E 2	4	5	
23	58.47	58.02	25.3	30	90	68	E 2	E 2	5	5	
24	59.63	58.96	25.8	30	85	60	E 2	E 2	5	3	
25	60.91	60.20	20.4	30.3	92	66	E 2	E 2	5	6	
26	60.39	60.18	25.6	29	84	70	E 3	E 4	8	8	2
27	61.20	59.91	22.3	29.9	88	68	E 2	E 3	6	7	
28	61.16	60.17	21.5	30.4	94	75	E 2	E 3	8	9	8.1
29	61	60.12	26.4	30.4	86	69	E 3	E 3	8	5	
30	60.89	60.56	26	29.5	76	71	E 3	E 3	6	7	2
31	60.53	59.79	24	29.6	96	70	E 3	E 3	7	6	2.5
Mean	60.09	59.31	24.3	29.7	88	68.9	2.3	2.6	6.5	6	
Total											

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.53	59.57	25.7	30.5	86	67	E 3	NE 3	9	7	
2	60.09	58.44	24.7	30.4	87	69	NE 8	E 2	8	6	
3	59.32	58.66	26	29.5	75	68	NE 2	NE 2	6	7	
4	59.71	59.38	23.8	30	91	68	NE 2	NE 2	7	5	12.2
5	60.11	58.73	22.6	30.2	89	67	NE 2	NE 2	6	7	2.8
6	59.65	58.14	23	30.4	96	70	E 2	E 2	6	6	2
7	58.90	58.28	25.6	30	87	71	E 2	E 3	7	6	
8	59.18	58.96	24.4	30.2	88	64	ENE 2	E 2	6	3	
9	59.58	58.91	26	30.9	78	64	E 3	E 2	5	6	3.6
10	59.59	58.92	26.2	30.5	85	68	E 3	E 3	6	4	
11	59.07	57.97	24.9	28.6	91	80	E 2	E 2	8	8	12.9
12	58.67	58.50	25.1	28.5	94	83	E 2	E 3	10	10	5.1
13	59.90	58.61	26.2	28.6	86	79	E 4	E 3	10	8	
14	60.25	59.83	25.5	25.2	93	92	E 2	SE 3	10	10	19.1
15	59.30	58.06	23.3	27.5	97	84	E 2	E 2	7	8	2.3
16	58.88	57.20	23.2	28.8	97	76	E 2	E 2	4	6	
17	59.58	57.74	24.5	30.6	96	72	E 2	E 2	4	5	
18	59.94	59.19	24.5	29	96	78	E 2	E 2	7	6	
19	59.77	58.62	24.9	30.3	92	73	E 2	E 2	6	6	
20	59.99	59.15	26.1	30.7	91	74	E 2	E 2	5	5	1.8
21	59.80	59.05	27.5	30.5	83	74	E 3	E 3	6	6	1
22	60.23	59.31	26.5	30.5	92	72	E 2	E 2	7	6	2.8
23	59.05	58.24	26	30	89	73	E 4	E 3	8	6	1.5
24	58.28	57.17	26.6	30.5	87	75	E 3	E 3	7	5	2.5
25	58.47	57.21	26.5	30	88	78	E 3	E 4	6	6	4.3
26	58.74	57.84	26.7	29.8	86	77	NE 4	ENE 3	6	5	
27	58.48	57.95	26.2	31.2	90	74	NE 2	NE 2	7	6	3
28	57.81	57.22	25.6	29.5	95	85	NE 2	NE 3	6	6	3
29	58.65	57.39	26.9	30.1	90	72	NE 3	NE 3	8	6	
30	58.01	56.62	26.2	30.9	89	71	NE 2	NE 2	4	5	
31											
Mean	59.32	58.36	25.4	29.8	89.3	73.9	2.5	2.5	6.7	6.2	
Total											79.9

This station was temporarily closed from February 8 to March 15.

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.46	56.74	26.8	30.8	86	70	NE 2	NE 2	6	6	------
2	57.29	56.76	25.6	32.3	89	68	NE 2	NE 3	6	8	60.7
3	58.63	57.83	24.1	27.9	97	84	NE 2	N 2	10	8	54.6
4	57.56	56.82	24	28.6	97	86	N 2	N 2	5	8	25.4
5	55.86	54.48	25	24.2	95	97	N 3	NE 8	8	3	51.3
6	53.76	55.41	25.5	27.1	89	94	ESE 9	SE 3	10	8	13
7	57.25	56.82	25.2	30.3	95	76	SE 2	SE 2	7	6	------
8	57.92	56.47	25	29.6	96	81	SE 2	SE 2	6	6	------
9	57.06	56.15	26	31.5	92	75	SE 2	SE 2	6	6	------
10	57.69	56.56	25.4	32.5	93	69	SW 2	W 2	7	5	------
11	58.99	57.47	25.6	32.2	95	74	SE 2	SE 2	6	5	------
12	59.89	58.30	24.8	32.4	95	74	SE 2	SE 2	5	4	------
13	59.42	57.04	25.5	33	95	67	SE 2	SE 2	3	4	------
14	58.43	56.51	25	32.3	95	71	SE 2	SE 2	3	5	------
15	58.43	57.32	24.9	33.1	93	66	E 2	SE 2	3	6	------
16	59.34	57.45	24.3	33	94	67	SE 2	SE 2	4	3	------
17	60.03	58.70	24.9	30.1	92	79	W 2	E 2	4	4	------
18	60.18	59.17	25.8	31.4	93	73	E 2	ENE 2	4	5	------
19	60.14	59.01	27	30.8	94	73	E 2	E 2	5	6	------
20	59.42	58.81	27.2	31.6	87	73	SE 2	NE 2	4	6	2.5
21	58.84	58.21	26	31.1	95	71	E 2	E 2	6	5	.8
22	58.54	57.57	25.6	31.3	95	75	E 2	E 2	5	6	------
23	57.97	57.13	26	30.9	96	76	E 2	NE 2	6	7	20.3
24	57.92	56.54	24.4	29.6	98	81	NE 2	NE 2	6	5	------
25	59.17	58.38	26.4	29	89	78	SE 2	E 2	5	5	------
26	59.42	58.60	27	30.5	92	75	SE 2	E 2	7	6	------
27	59.15	58.36	26.4	31.6	92	70	E 2	E 2	5	7	------
28	58.71	57.48	26.6	31.5	92	75	SE 2	E 2	5	4	------
29	58.56	57.91	27	31.5	94	69	E 2	E 2	5	6	------
30	59.29	58.37	25.4	30.8	93	74	E 2	E 2	6	6	3
31	59.74	58.35	26	32	92	72	E 2	ENE 2	6	4	8.1
Mean	58.45	57.44	25.6	30.8	93.2	75.3	2.3	2.3	5.6	5.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	239.7

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.59	57.80	26	30.8	94	76	E 3	E 3	7	7	4
2	58.49	57.20	26.2	31.8	95	77	ENE 2	NE 2	7	6	2.6
3	58.15	56.23	26.6	30	91	75	E 2	E 2	5	4	------
4	57.60	56.22	27	32	92	71	SE 2	E 2	7	4	------
5	57.07	55.83	25.5	31.5	95	73	E 2	E 2	5	6	2.8
6	57.49	56.61	26	30.9	95	69	E 2	SE 2	5	6	------
7	58.01	56.92	26.5	32.2	90	74	SE 2	E 2	5	5	------
8	58.12	57.38	25.6	32.2	94	70	SE 2	ESE 2	4	4	------
9	59.23	57.46	24.1	32	94	67	SE 2	E 2	3	3	------
10	57.35	56.62	25	32	92	70	SE 2	E 2	3	5	------
11	59.28	57.81	23.8	32.4	92	68	SE 2	E 2	6	3	------
12	59.20	57.46	25	32	92	67	E 2	E 2	3	3	------
13	59.03	57.68	26	32	92	71	SE 2	E 2	3	3	------
14	58.62	57.32	-----	32.1	-----	72	SE 2	E 2	3	3	17.8
15	59.29	57.50	25	31.5	95	73	SE 2	E 2	3	3	------
16	58.29	57.36	25.6	31.1	95	74	SE 2	E 2	4	4	------
17	58.83	57.68	24.3	31.4	95	70	SE 2	SE 2	6	8	------
18	59.78	58.65	24.6	32	95	69	E 2	E 2	5	4	------
19	60.86	59.65	24.2	31.6	95	72	ESE 2	ESE 2	5	4	------
20	60.09	58.65	25.4	32	95	69	SE 2	ESE 2	4	5	------
21	59.61	58.63	24.3	31.2	94	73	SE 2	SE 2	5	6	------
22	59.08	57.69	24	33.2	96	68	SE 2	SE 2	4	8	9.4
23	59.74	58.12	24.5	31.7	96	74	SE 2	S 2	3	7	1.8
24	59.74	58.35	24.2	32.5	97	66	E 2	E 3	4	6	1.8
25	60.03	59.29	24.2	29.4	97	79	SE 2	NE 2	5	7	1.3
26	59.46	58.33	24	31.9	97	70	NE 2	E 2	7	7	------
27	59.34	57.82	23.9	31.7	96	70	SE 2	E 2	5	5	12.2
28	60.06	59.22	25.5	29.5	96	81	SE 2	SE 2	6	8	------
29	60.85	59.17	24.2	31	97	79	ENE 2	E 2	5	4	------
30	59.24	57.45	26	32	95	75	SE 2	E 2	5	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.02	57.74	25.1	31.6	94.4	72.1	2	2.1	4.7	5.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	53.7

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.81	57.53	25.2	32	97	70	E 2	E 2	5	5	------
2	59.50	58.76	24.4	32.6	96	71	ESE 2	E 2	4	5	1.8
3	58.86	58.52	24.4	31	97	79	SE 2	NE 2	4	7	15.5
4	58.84	57.69	25	29.9	98	81	NE 2	NE 2	7	6	2.5
5	57.87	57.29	25	29.5	97	83	ESE 2	NE 2	6	6	8.6
6	57.96	57.50	24.8	29.6	98	82	SE 2	E 2	7	6	7.4
7	58.13	56.76	24	31.8	98	74	SE 2	SE 3	6	5	------
8	58.01	56.07	24.4	32.1	97	74	E 2	SE 2	4	4	10.9
9	57.90	56.22	24.1	32	97	72	W 2	W 2	4	8	------
10	57.52	56.36	25.6	28.4	95	85	W 2	W 2	5	6	------
11	57.45	56.38	24.9	32	93	70	W 2	W 3	6	5	------
12	58.32	56.95	25.4	28.4	93	88	SW 2	S 2	6	8	8.1
13	58.26	56.62	25	31.9	98	72	E 2	E 2	5	4	------
14	55.77	52.86	25.8	29.2	96	83	NW 1	N 2	6	5	115.8
15	47.38	46.80	25	24.5	98	96	W 4	WSW 5	10	10	82.3
16	52.40	52.77	24.5	27.1	88	90	SW 3	SW 3	4	7	12.2
17	54.71	54.95	25.5	32	88	68	SW 2	SW 3	7	7	------
18	55.64	54.80	26.5	32.8	84	67	SW 2	SW 3	6	7	15.5
19	55.44	54.92	26.1	32	91	71	SW 2	SW 4	4	4	------
20	56.24	55.45	26	32	90	70	SW 2	SW 3	6	6	------
21	56.35	55.74	26.5	30	83	71	SW 2	SW 4	7	8	14.7
22	55.76	54.50	24.9	28.9	97	78	SW 2	SW 2	6	7	7.4
23	54.07	52.89	26	29.4	90	75	SW 2	SW 3	4	7	------
24	54.29	54.36	26	28.3	87	78	SW 2	SW 2	6	6	------
25	56.09	55.68	25.5	31.4	91	67	SW 2	SW 3	7	6	------
26	56.54	56.36	25.6	31.5	94	72	SW 2	SW 2	5	7	------
27	55.90	54.62	26.5	29.5	93	81	SW 2	WSW 3	5	5	33.8
28	53.38	52.51	24.5	26	97	94	WSW 3	WSW 2	5	7	9.4
29	53.23	52.88	24.2	28.2	94	87	SW 2	SW 2	4	8	4.3
30	55.51	55.18	26	30.9	92	72	SW 2	SW 2	5	8	------
31	56.32	55.82	26	32.8	89	65	SW 3	SW 3	6	4	------
Mean	56.21	55.35	25.3	30.2	93.4	77	2.1	2.5	5.5	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	350.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.14	55.60	25.6	31.2	95	74	WSW 2	WSW 3	5	7	2.5
2	56.69	55.54	25.5	29.2	96	78	SW 2	WSW 3	8	6	1
3	57.11	56.60	26	32	95	68	WSW 2	W 3	5	6	1.3
4	56.64	55.90	26	30.6	92	72	WSW 2	WSW 4	7	6	3.8
5	56.02	55.53	25	31.4	96	73	SW 2	W 4	5	6	42.2
6	56.37	55.38	24.9	28.5	96	83	SW 2	SW 3	6	5	------
7	56.99	56.18	25.4	31.2	93	73	WSW 1	SW 2	8	5	------
8	57.69	56.42	25.5	31.5	93	74	SW 2	WSW 2	4	6	------
9	57.40	56.86	26.5	32	84	61	SW 2	SW 3	4	5	------
10	57.12	56.12	25.5	32	87	67	SW 2	SW 2	5	4	------
11	56.69	55.77	25.8	31	90	71	WSW 2	WSW 2	4	6	------
12	56.26	55.41	25.3	32.7	93	65	SW 2	WSW 2	4	6	------
13	56.21	55.45	25.4	27.9	90	84	SW 2	WSW 2	5	5	34
14	55.65	54.50	24.4	27.2	97	87	SW 2	WSW 3	4	6	2
15	53.71	52.48	25.8	28.1	97	85	WSW 2	SW 2	8	8	1.5
16	54.34	55.54	25.4	31.1	88	77	SW 2	SE 3	5	6	------
17	58.98	58.31	24.3	30.1	96	77	S 2	E 2	5	4	1
18	58.92	57.61	25	31.8	97	75	WNW 2	NE 3	6	5	------
19	57.07	55.11	25.5	31.9	96	73	WSW 2	SE 2	4	6	53.3
20	56.52	55.64	24.5	27.7	96	87	WSW 2	WSW 2	7	6	5.1
21	56.68	55.76	24.4	30	95	77	WSW 2	WSW 2	4	5	------
22	56.41	55.47	24.5	32	94	71	WSW 2	WSW 2	6	7	------
23	56.47	55.67	25.3	31.9	91	71	WSW 2	WSW 2	5	5	------
24	57.25	56.07	25.7	31.8	91	68	SW 2	SW 2	5	6	8.9
25	58.70	56.92	24.8	29.3	96	72	SW 2	WSW 3	6	5	15.2
26	57.77	56.46	26	30.2	92	72	WSW 2	SW 3	6	6	------
27	55.32	54.09	25.5	30	88	74	SW 2	SW 2	8	7	------
28	54.79	54.31	25	29.7	93	83	SW 2	WSW 2	6	8	1
29	57.14	56.91	25	31.1	96	71	SW 2	SW 2	6	7	1.3
30	57.80	57	24.7	31.1	94	72	SW 2	SW 3	6	8	------
31	57.26	55.98	25.5	31.4	96	76	SW 2	WSW 2	5	7	14.2
Mean	56.71	55.83	25.3	30.6	93.3	74.5	2	2.5	5.5	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	188.3

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	54.96	53.82	24.3	29.5	97	86	SW 1	WNW 2	6	7	2.5
2	52.58	49.91	25.5	26	94	97	WNW 2	WSW 3	8	6	24.2
3	50.88	51.11	24.5	28.2	96	79	SW 4	SW 4	8	7	------
4	53.67	53.25	27.5?	31.1	75?	62	SW 4	S 4	8	6	------
5	57.20	56.56	26.5	31.6	80	68	S 2	SW 2	5	6	------
6	58.44	56.90	25	33.5	95	65	SW 2	SW 2	3	3	------
7	58.14	57.01	25.5	32.3	95	68	SW 2	SW 2	3	4	------
8	57.76	56.09	26	32.5	92	68	SW 2	SW 3	8	3	3
9	56.75	54.98	25.8	31.8	93	60	SW 2	SW 2	4	3	6.9
10	54.95	54.20	26	28.7	92	82	SW 1	SW 2	6	6	------
11	55.71	55.22	25.2	31	94	71	SW 2	SW 2	5	5	------
12	58.17	57.25	24	33.6	96	67	SW 2	WSW 2	5	4	------
13	59.31	57.75	23.5	31.9	96	71	WSW 2	E 2	3	3	------
14	58.96	58.02	24.6	29.5	96	76	WSW 2	WSW 3	4	8	------
15	57.61	56.24	25.7	32.6	94	63	SW 2	SW 3	6	4	------
16	57.35	56.17	26.5	33	88	67	SW 2	SW 2	4	5	------
17	58.91	57.41	24.5	34.4	96	63	SW 2	SW 2	4	6	------
18	59.56	57.50	24.3	31.2	94	73	SW 2	E 2	5	4	24.9
19	59.81	57.74	23.6	29.5	97	81	SE 2	NW 2	5	4	8.4
20	58.90	57.73	24.9	29.9	96	79	NNW 2	NE 2	5	6	1.8
21	57.64	56.17	23.2	32.1	97	66	NE 2	E 3	5	3	------
22	58.26	57.42	23.5	31.5	96	73	SW 1	SW 2	3	5	------
23	59.65	58.45	23.9	32.4	96	71	WSW 2	SE 2	4	4	------
24	59.27	57.87	23.1	31.9	96	73	E 2	NE 2	4	3	1.8
25	59.15	57.90	25.1	31.5	95	73	NW 2	E 2	6	5	2
26	59.01	57.96	25	32.8	96	70	ENE 2	E 2	3	3	5.6
27	59.77	58.91	25.5	32	90	72	ESE 2	E 2	7	8	10.7
28	59.31	57.51	25.5	31.5	96	75	E 2	NE 2	6	5	9.7
29	58.66	57.69	25	29.2	96	80	NNW 2	NNW 2	4	5	------
30	58.05	57.03	23.6	32	97	69	SE 2	ESE 2	3	3	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.61	56.39	24.9	31.3	93.7	72.3	2	2.3	5	4.8	------
Total	------	------	------	------	------	------	------	------	------	------	101.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	58.16	56.94	23.4	33	95	59	WSW 2	W 2	3	3	------
2	58.30	56.70	24	32.5	96	71	SE 2	SE 2	4	3	------
3	58.31	56.77	24.9	31.6	97	70	S 2	SE 2	3	4	7.1
4	59.06	57.54	24	30.8	97	73	SW 2	SE 2	8	6	5.3
5	58.68	56.96	23.5	31	96	71	S 2	SE 2	6	4	2.5
6	57.95	56.85	23.5	28	96	85	SE 2	SW 2	6	5	------
7	58.78	57.61	23.1	30.3	97	79	WSW 1	SE 2	4	5	------
8	58.82	57.13	23	31	96	74	WSW 2	NW 2	4	5	14
9	57.11	55.23	24	29.5	96	79	WSW 2	WSW 2	6	5	1
10	55.41	54.26	24	27.2	96	91	WSW 2	WSW 1	5	7	21.1
11	53.86	51.12	24.8	26	95	89	SW 2	SW 3	7	8	43.7
12	51.58	52.07	24	26.2	95	87	SW 4	SW 2	6	7	42.1
13	53.38	52.53	25	28.7	93	77	SW 2	SW 2	5	8	------
14	54.02	52.24	26	29.5	84	72	S 3	SW 3	5	7	7.1
15	53.45	54.81	26.1	26.8	91	89	WSW 2	WSW 2	7	8	11.6
16	58.22	57.23	24.7	30.5	95	72	SW 2	SW 2	6	4	19.3
17	58.52	57.42	24.6	29.6	97	81	SW 2	SE 2	7	6	4.6
18	59.69	58.37	24.4	30	95	77	SW 2	NW 2	4	6	------
19	60.14	58.97	24.3	26	96	95	W 2	W 2	4	5	49.8
20	60.21	58.64	24.2	29.4	97	80	WNW 2	NE 2	4	5	------
21	60.36	58.32	23.5	29.8	96	75	NW 2	NNW 2	5	5	5.1
22	59.11	56.73	23.2	30.3	97	73	SW 2	NW 2	3	4	------
23	58.19	57.29	24.5	28.8	89	86	SW 2	SW 2	3	5	------
24	59.24	58.84	24.6	29.5	91	66	NW 2	NW 2	4	5	------
25	60.86	59.72	23	29	97	72	NW 2	NW 2	6	6	------
26	60.26	58.18	20	31.1	95	61	NW 2	NW 2	3	3	------
27	59.95	58.27	20.1	30.6	95	65	WNW 2	NW 2	3	3	------
28	60.58	59.24	23.5	29.5	96	75	NE 2	NW 2	7	5	48.3
29	61.39	59.22	24.6	28	92	85	E 3	NE 2	8	4	6.4
30	60.44	58.74	23.6	30.4	97	77	E 2	ESE 2	5	4	14.7
31	60.30	59.07	24.9	26.2	96	88	SE 3	SE 2	6	6	19.6
Mean	58.20	56.87	23.9	29.4	94.9	77.2	2.1	2	5.1	5.2	------
Total	------	------	------	------	------	------	------	------	------	------	323.3

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	60.11	59.07	24	29.5	97	81	N 2	NE 2	5	4	------
2	60.20	58.92	25	30.5	92	78	NE 2	NE 2	4	4	------
3	60.39	58.93	24	31.5	97	78	E 2	E 2	4	5	4.1
4	60.41	59.13	25.2	29	93	82	E 2	E 2	6	6	17.3
5	60.59	59.43	25.1	24	98	96	N 2	N 1	6	10	23.4
6	60.02	58.81	25	31	97	80	NW 2	NE 2	3	7	7.6
7	61.13	59.53	24.7	30.2	94	82	SE 2	NE 2	6	8	6.4
8	60.62	59.14	26	29.4	94	88	SE 2	NE 4	5	7	5.1
9	60.34	58.99	26.6	29.5	91	81	NE 2	NE 3	5	4	9.9
10	60.33	59.81	25.6	30.4	96	80	NE 2	NE 3	5	4	5.1
11	59.89	58.94	24.5	29	97	80	NW 1	NE 4	6	8	19.3
12	60.72	59.57	25.5	31	92	79	NE 2	NE 2	4	3	------
13	60.84	59.53	24.3	28.6	93	73	NW 2	NE 4	6	3	------
14	60.49	59.18	22.5	29.2	83	64	NW 2	NW 4	7	4	4.3
15	60.40	59.47	23.6	29.6	97	69	NE 2	NW 4	8	5	------
16	61.09	59.94	24.6	29.5	94	87	N 3	NW 3	7	6	------
17	61.09	59.35	22	30	96	69	NW 2	NW 3	3	4	------
18	61.99	60.29	23.2	28.2	95	85	NW 2	N 2	4	5	9.1
19	61.42	60.73	25.2	29.5	98	84	N 2	E 2	7	8	------
20	61.72	60.62	25.1	30.1	95	74	N 3	N 4	3	3	------
21	61.20	59.94	25	28.1	92	88	N 2	NE 2	3	7	21.1
22	60.33	59.47	24.9	29.5	98	79	N 2	NE 4	6	6	7.9
23	61.12	60.84	25	26.5	98	92	ESE 2	NE 2	5	5	27.2
24	61.91	61.29	24.5	27	96	86	NE 4	N 6	8	8	4.8
25	61.66	60.33	23	27.2	96	83	NW 2	N 3	3	7	------
26	59.76	57.74	23.5	28.4	92	78	NE 2	N 3	3	8	2.5
27	56.91	57.44	24.5	28	96	85	SE 2	SE 2	8	8	------
28	59.26	58.14	24	30.6	96	80	E 2	ENE 2	3	3	------
29	59.29	58.08	23.5	29.4	98	85	N 2	E 2	3	4	5.1
30	59.80	59.15	24.8	26.1	97	95	E 2	N 2	4	6	13.7
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.50	59.39	24.5	29	94.9	81.4	2.1	2.8	5	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	193.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	60.30	58.98	23.3	30	97	77	NE 2	NE 3	4	4	------
2	60.32	59.63	22.1	30	96	75	NE 2	ENE 2	3	3	1.5
3	61.23	60.72	25.4	30.3	92	73	E 3	E 3	4	4	------
4	62.32	61.56	25.5	29.5	95	75	E 3	NE 3	3	4	------
5	62.28	61.36	26.2	28.5	87	78	E 3	NE 4	4	4	------
6	62.02	60.98	26.4	29.4	81	74	E 3	E 3	4	3	2.8
7	61.42	60.16	24.9	29.6	98	75	NE 3	NE 4	5	3	5.3
8	60.75	59.37	25.5	28.4	92	82	E 4	E 4	8	5	1
9	60.79	60.32	25	25	98	94	E 2	E 3	6	8	7.6
10	61.06	60.12	26?	27	96?	88	E 4	NE 3	6	5	18
11	60.89	59.17	24.5	29.4	97	85	E 3	E 3	4	3	4.6
12	59.84	58.55	24.7	30.3	96	76	E 2	E 3	4	5	7.6
13	59.79	58.93	25.8	28.2	95	86	E 4	E 4	3	6	24.1
14	59.57	58.71	24.5	26.5	96	92	E 5	E 2	6	8	21.8
15	59.20	58.13	26	28	92	85	E 4	E 3	8	6	9.6
16	60.62	59.23	25.5	29.5	96	81	ESE 2	NE 3	6	6	------
17	60.15	58.89	25	27.5	96	87	NE 2	NE 2	8	8	11.7
18	60.51	59.62	23	27.3	98	86	E 2	NE 3	3	8	37.4
19	61.66	60.49	24.8	27.5	97	84	E 4	E 4	8	6	55.9
20	61.83	60.84	24.5	27.5	92	82	E 4	E 4	8	5	5.8
21	61.62	59.74	25.5	26.8	93	90	NE 5	NE 3	6	8	18
22	59.71	58.67	24.5	26	96	92	NE 3	NE 2	7	8	41.4
23	59.44	58.78	23.8	27.5	97	81	N 2	N 2	6	6	19.8
24	59.14	57.91	24	24	96	96	ENE 2	NE 2	6	8	87.3
25	57.66	56.42	24.5	28.5	96	85	SW 2	WNW 2	5	6	14.2
26	58.26	57.27	24.5	29.8	96	79	SW 2	SW 3	6	5	------
27	58.89	58.14	24.5	28.4	94	77	SW 2	NW 2	4	4	1.5
28	60.61	60.02	23.8	27.2	89	75	N 2	NE 5	3	6	------
29	61.81	60.78	24	23.6	91	98	N 2	NE 5	6	10	66.3
30	61.84	62.02	24	28	98	88	E 4	E 2	8	8	10.2
31	64.13	63.06	23.5	24.9	96	97	NE 3	E 3	6	8	87.8
Mean	60.63	59.63	24.7	27.9	94.5	83.6	2.9	3	5.4	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	461.2

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.70	57.95	25	28	83	73	ENE 3	ENE 5	6	8	5	62.15	60.18	24.2	28	75	57	ENE 3	ENE 5	10	10	------
2	59.67	58.20	26	27.6	85	70	ENE 4	ENE 4	10	10	------	62.18	59.27	24.8	27.2	77	68	ENE 3	ENE 5	8	4	2.5
3	60.10	58.53	25.6	28.8	82	68	ENE 4	E 5	10	10	------	61.07	59.45	23.4	27.2	81	61	ENE 2	ENE 4	10	6	5.1
4	60.45	59.05	25.4	28	84	73	E 3	E 5	10	8	2.5	60.60	59.57	24.6	27.8	79	65	ENE 2	ENE 4	8	5	------
5	59.47	58.35	25	28	83	70	E 3	ENE 5	6	6	------	61.70	60.63	24.4	27	80	70	ENE 3	ENE 5	4	10	------
6	58.90	57.57	25	28	83	70	E 3	E 4	6	6	------	61.98	59.47	24	27	75	63	ENE 4	ENE 5	6	4	------
7	59.60	58.05	24.6	28.2	82	63	ENE 3	ENE 5	10	5	------	61.30	58.55	23.6	28.4	73	57	ENE 3	E 4	5	5	------
8	60.57	59.55	25	28.2	73	63	E 3	ENE 5	10	5	------	60.72	59.32	24	28	72	57	ENE 3	ENE 4	5	4	------
9	59.30	57.95	25	28.2	76	63	ENE 3	ENE 5	10	5	5.1	60.90	59.45	23.6	28.4	75	55	ENE 1	ENE 4	4	9	------
10	58.47	57.28	25	30	83	59	Calm	ESE 2	6	4	------	60.98	58.82	24	28.2	77	57	ENE 1	ENE 4	6	9	6.4
11	59.95?	58.48	24.4	28.4	80	70	ENE 2	ENE 3	6	6	------	61.20	59.25	24	28.2	75	57	ENE 3	E 3	8	4	------
12	59.95	58.35	24.4	28	83	66	ENE 2	ENE 3	6	5	------	61.52	60.38	22.4	28.2	82	57	Calm	NNE 2	10	4	1.3
13	60.75	58.65?	25	28	83	70	ENE 2	ENE 4	10	8	------	62.18	59.80	22.6	24.6	91	87	ENE 4	ENE 6	10	10	6.3
14	60.80	58.95	24.6	28	83	69	ENE 3	ENE 4	10	10	------	62.35	60.77	24.4	25.6	80	79	ENE 5	ENE 6	10	10	3.8
15	60.70	59.35	24.6	28.8	83	64	ENE 3	E 4	10	7	------	62.68	61.28	25	26.4	80	73	ENE 6	ENE 6	10	8	------
16	61.05	59.15	24.6	28	83	68	ENE 1	ENE 3	7	10	------	61.35	60.47	24.6	26.8	83	77	ENE 2	ENE 3	10	10	5
17	59.77	58.20	24.2	28.6	82	71	ENE 2	N 2	10	10	------	61.42	59.47	25	28.2	87	76	ENE 3	ENE 4	10	10	3.8
18	59.25	58.35	23.4	28.6	88	66	Calm	NNE 2	10	10	------	60.70	60	24.2	27.4	88	70	E 1	ENE 4	10	10	------
19	59.60	58.60	23.6	28	88	70	E 1	ENE 4	8	10	2.5	61.18	59.35	24.8	27	83	75	ENE 2	ENE 4	8	9	------
20	61.15	59.65	25.8	27.6	78	70	ENE 6	ENE 6	10	10	------	60.42	58.98	24.4	28.4	80	64	ENE 2	ENE 5	6	9	------
21	62.28	60.22	25	27	79	74	ENE 6	ENE 6	10	10	------	60.50	59.13	25	29	83	64	E 2	E 4	6	6	------
22	61.20	60.20	24.4	26	72	69	ENE 4	ENE 4	10	10	------	60.67	59.20	23.6	28.8	78	56	E 2	E 4	10	4	1.3
23	60.20	58.80	24.4	27.4	75	63	ENE 3	ENE 4	10	10	------	60.32	58.88	24.4	29	80	58	E 2	E 5	10	8	1.3
24	60.22	58.90	24.4	27.8	80	65	ENE 2	ENE 4	10	7	------	60.40	59.07	25	28.4	82	65	E 4	E 5	10	9	------
25	61.27	58.30	24.4	27	75	65	ENE 2	ENE 4	10	5	------	60.65	58.85	25	29	83	62	ENE 1	ENE 3	5	7	------
26	61.48	58.60	24	27.8	77	65	ENE 2	ENE 4	10	6	------	59.25	57.90	23.8	29	85	58	Calm	ENE 3	6	4	------
27	61.05	59.38	24.4	28	74	66	ENE 2	ENE 4	10	5	------	59.32	57.38	24	28	83	70	ENE 3	NE 3	10	10	------
28	61.17	60.65	23.8	25.8	83	78	ENE 6	ENE 7	10	10	------	59.29	58.30	24.4	27.8	85	70	E 2	ENE 4	7	5	------
29	62.52	60.85	24	27.8	75	63	ENE 5	ENE 6	10	10	------	------	------	------	------	------	------	------	------	------	------	------
30	62.28	60.65	24	27.2	77	68	ENE 3	ENE 5	10	10	------	------	------	------	------	------	------	------	------	------	------	------
31	62.38	60.17	24.2	27	80	70	ENE 4	ENE 5	10	9	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.52	58.93	24.6	27.9	80.4	67.8	2.9	4.3	9.1	7.9	------	61.04	59.40	24.2	27.8	80.4	65.3	2.5	4.2	7.9	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	15.1	------	------	------	------	------	------	------	------	------	------	36.8

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.97	58.08	24.2	29	83	63	ENE 4	E 4	6	7	------	60.07	57.93	25	29.4	87	59	E 2	E 4	6	6	------
2	60.35	59.07	24	28	83	63	ENE 2	ENE 4	10	10	6.4	59.20	57.47	25.4	29	84	71	ENE 3	NE 3	10	4	------
3	59.72	58.20	24.4	26.2	80	76	ENE 3	ENE 5	10	10	1.3	59.20	57.20	25	31.4	92	52	ENE 2	ENE 2	2	4	------
4	60.52	58.17	24	27	88	81	ENE 4	ENE 5	10	10	3.8	59.10	57.88	25	29.2	80	57	ENE 2	NE 3	3	6	------
5	60.15	58.68	25	28.2	83	69	ENE 2	ENE 4	8	7	------	60.09	57.51	24.4	29	80	67	ENE 1	NE 3	8	8	------
6	59.50	57.95	24.4	28.4	88	70	ENE 4	E 4	10	9	------	58.55	57.80	26	30	76	59	ENE 2	E 3	10	8	------
7	59.35	57.98	25	29	83	64	ENE 3	ENE 4	8	5	------	59.15	58.08	25.6	29.2	81	62	ENE 1	E 2	10	8	------
8	58.60	57.73	24.6	28.4	79	57	ENE 2	E 5	5	4	------	59.32	58.10	26	30.6	79	51	E 1	ESE 2	8	1	------
9	58.40	56.93	24.4	28.8	83	64	ENE 4	ENE 4	8	5	------	60.67	59.28	25.6	27	81	75	ENE 2	E 2	10	8	0.6
10	59.90	58.43	24.2	29.4	80	58	Calm	ENE 2	10	6	------	60.40	58.35	24.6	29.2	83	63	ENE 2	NE 4	4	2	------
11	60.39	58.22	24.8	28	83	70	ENE 2	ENE 5	10	10	------	60.53	58.93	24.6	30.6	80	52	ENE 1	ENE 2	6	2	------
12	59.87	58.10	24.4	29	80	54	ENE 2	E 4	10	5	------	61.55	59.30	24.8	30.6	82	52	ENE 1	ENE 2	6	4	1.3
13	59.87	58.23	25	29	76	60	Calm	NNE 1	7	4	------	61.93	60.38	25.4	31.6	84	57	ENE 1	ENE 2	1	5	------
14	59.80	58.23	24	29	81	64	Calm	N 3	10	10	3.8	61.99	60.93	26.4	29.8	82	60	E 2	E 3	8	4	.6
15	60.22	58.37	23.8	28	93	77	SE 2	NE 2	10	8	2.5	61.11	59.13	25.4	29	84	60	ENE 2	ENE 3	6	4	------
16	60.07	58.45	24.6	28.8	83	59	ENE 2	E 3	5	4	------	60.47	58.83	25.8	30.8	85	57	ENE 1	E 3	2	2	------
17	59.92	58.65	24.4	28.8	78	59	ENE 2	ENE 4	7	4	------	60.56	59.10	25.5	29.8	83	65	ENE 1	E 3	10	4	3.8
18	60.09	58.28	24.6	29.8	79	56	ENE 3	E 4	8	3	------	60.47	59.45	26.2	30	84	61	ENE 1	ENE 4	2	2	------
19	60.85	59.75	24.8	29.4	77	52	ENE 3	E 4	8	3	------	60.13	59.34	25.6	30.2	82	55	ENE 2	ENE 4	10	4	------
20	60.88	58.85	25	29	79	60	ENE 3	ENE 5	10	8	------	60.79	59.33	26.2	29.8	79	60	ENE 2	ENE 4	3	5	------
21	59.87	57.70	25	29.4	79	58	ENE 3	E 4	7	4	3.8	60.90	59.52	25.2	30.2	83	58	ENE 2	ENE 4	8	4	1.9
22	58.52	57.85	24	28.4	88	68	ENE 3	ESE 4	10	9	------	60.57	59.14	25.8	29.8	82	63	ENE 2	ENE 5	6	7	1.3
23	60.49	58.95	25	29	83	64	ENE 2	E 4	7	8	------	59.57	58.53	25.3	30	89	56	NE 1	ENE 4	6	2	------
24	60.32	59.85	25	28.8	83	65	E 1	E 4	5	4	------	59.11	57.50	26.2	29.6	76	58	ENE 2	ENE 5	8	7	------
25	60.30	59.55	25	28	83	70	E 2	E 4	7	10	3.8	58.57	57.24	25.4	29.2	85	67	ENE 2	ENE 4	10	8	8.3
26	60.40	59.65	25	29.4	80	52	ENE 3	E 3	10	3	------	58.23	57.39	25	29.6	87	67	ENE 2	ENE 2	4	8	------
27	61.35	59.83	25	29.4	68	58	ENE 4	E 4	5	7	------	57.89	57.19	26.2	29.8	78	61	ENE 2	ENE 4	10	8	------
28	60.98	59.35	25	28.6	83	71	E 2	ENE 6	7	8	------	58.73	57.15	26	29.6	82	58	ENE 1	ENE 3	9	8	------
29	61.08	59.93	25	29	80	62	E 2	ENE 4	6	6	------	58.67	56.86	25.5	28.3	84	74	ENE 1	ENE 3	10	7	------
30	61.18	59.43	25	29.4	83	61	ENE 2	ENE 4	10	5	------	58.09	56.63	26.3	29.3	79	66	ENE 3	ENE 3	10	9	------
31	60.60	59.07	25.4	27.8	84	71	E 3	ENE 4	7	9	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.11	58.63	24.6	28.7	81.7	63.7	2.4	3.9	8.1	6.6	------	59.85	58.38	25.5	29.7	82.4	60.8	1.7	3.2	6.9	5.3	------
Total	------	------	------	------	------	------	------	------	------	------	25.4	------	------	------	------	------	------	------	------	------	------	17.8

SUMAY, GUAM (LADRONE ISLANDS).

[$\phi=13°\ 24'$ N; $\lambda=144°\ 38'$ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.05	56.59	26	29.3	79	65	ENE 1	ENE 2	9	9	------	59.49	58.28	26.5	31	84	61	ENE 1	E 2	9	10	------
2	58.33	57.48	25.7	30.8	86	63	ENE 1	ESE 2	7	5	0.6	58.93	57.70	27.5	30.2	79	64	ENE 1	E 3	3	5	------
3	59.51	58.77	26.5	30	83	65	ESE 2	E 3	5	4	------	59.08	57.18	26.6	30	86	69	ENE 1	ENE 2	10	10	------
4	59.65	57.68	26.5	31	85	59	ENE 1	ENE 3	2	4	.6	58.63	57.23	27.2	31	81	64	ENE 1	E 1	9	8	------
5	58.77	57.80	26.2	31.2	85	58	ENE 1	ENE 3	3	3	------	58.36	57.01	26.6	32	83	53	ENE 1	ENE 2	10	10	------
6	59.11	58.44	26.4	30.3	81	67	ENE 2	E 2	2	4	------	58.60	57.27	27	31	81	62	ENE 1	ESE 2	8	9	------
7	60.45	58.60	26.3	29.7	85	65	ENE 1	ENE 2	4	8	------	58.52	57.02	26.2	28.8	84	73	ENE 1	ENE 3	5	8	------
8	60.66	58.58	26.3	30.6	82	60	ENE 1	ESE 2	2	4	------	58.31	57.25	26.6	29	83	78	ENE 1	NE 3	2	7	------
9	59.97	57.80	25.8	30.8	87	63	ENE 1	ESE 2	2	3	------	58.89	58.24	26.6	31.5	80	59	Calm	E 2	4	10	------
10	59.65	58.83	26.5	29.6	82	62	ESE 1	ESE 2	2	8	------	59.28	58.60	26.5	30.5	84	62	ENE 1	E 2	10	10	------
11	60.85	59.77	24	30.8	91	54	Calm	ESE 2	2	3	1.3	60.05	58.43	27.5	31.6	77	60	ENE 1	E 2	9	5	------
12	62.26	60.08	26.4	30.8	87	65	ENE 1	ESE 2	3	4	1.3	59.70	58.38	27	32.4	80	55	E 1	E 2	4	4	10.2
13	60.71	59.22	26.5	31.2	82	61	SE 2	SE 2	2	7	------	59.95	58.83	26.2	31	90	61	NE 1	E 2	8	10	------
14	59.69	58.40	26.6	31	87	67	ENE 1	E 2	7	8	3.8	60.35	59.32	26.8	31.5	86	60	ENE 1	ENE 3	10	7	3.8
15	59.75	58.75	25	29	92	78	Calm	N 1	9	8	5.1	60.93	59.03	27	29.7	86	70	ENE 1	E 2	5	8	9.5
16	60.71	59.28	25	29.6	90	67	SE 1	SE 2	2	5	------	60.78	59.53	26.5	29	85	71	E 1	E 3	8	9	4.5
17	60.95	60.15	25.6	30.4	78	51	NE 1	E 2	2	1	------	60.05	59.33	27	27.6	89	66	ENE 1	N 1	4	8	7.7
18	60.85	59.47	26.4	31	76	65	ENE 2	ESE 2	3	3	3.2	60.21	59.18	26.6	31	87	64	ENE 1	ENE 3	2	5	------
19	60.70	58.94	25.2	30.6	90	63	ENE 2	ENE 3	3	8	------	60.73	60.10	26.8	30.5	87	72	ENE 1	NE 1	10	9	3.8
20	60.05	58.77	26.5	31.3	83	59	ENE 1	ENE 3	5	6	------	61.29	59.72	25.2	29.6	85	71	ESE 1	ESE 2	10	10	1.2
21	59.45	58.74	27	30.5	83	65	ENE 2	E 4	4	7	1.3	60.55	59.55	26.2	30	93	69	ESE 1	E 2	10	8	5.7
22	59.70	58.44	25.8	30.6	90	65	ENE 1	E 3	2	5	.6	60.75	59.18	26.7	31	88	59	ESE 1	E 1	7	4	.6
23	59.15	57.25	27.2	29.6	83	66	ENE 1	ESE 2	2	8	------	60.43	58.79	26.8	29.9	89	75	ENE 1	E 2	3	6	2.5
24	58.71	57.54	26.5	31.5	85	62	ENE 1	ESE 2	2	4	3.2	60.35	58.70	27.5	29.6	81	69	ENE 2	ENE 2	5	6	1.3
25	59.98	58.60	26.8	30.6	87	64	ENE 1	ESE 2	2	5	------	59.74	58.90	26.2	28.6	90	79	ENE 1	ENE 2	3	9	1.3
26	59.40	58.47	27	31.4	86	57	ENE 1	E 1	2	6	------	60.16	58.78	25.8	29.3	88	72	ENE 1	E 3	4	9	5.7
27	59.60	58.53	26.4	29.4	86	75	ENE 1	NE 1	10	5	13.4	60.48	59.42	27.3	30.2	82	69	ENE 2	ENE 3	2	6	8.3
28	59.39	58.24	26.8	30.6	83	62	ESE 1	E 2	2	5	------	60.93	60.38	27.3	29.3	86	72	NE 1	ENE 3	3	10	2.5
29	59.64	58.24	25.8	30.4	88	65	ENE 1	ESE 3	4	6	3.2	61.23	60.03	25.8	29.5	93	72	ENE 1	ENE 2	8	9	------
30	59.51	58.78	26.8	30.8	82	57	ENE 1	ENE 3	2	5	1.3	59.69	58.44	27.3	30.5	86	65	E 1	ENE 2	2	6	------
31	59.88	58.60	27	30.5	84	61	ENE 1	ENE 2	4	9	------	------	------	------	------	------	------	------	------	------	------	------
Mean	59.84	58.54	26.2	30.5	84.8	63.1	1.1	2.2	3.6	5.5	------	59.88	58.66	26.7	30.2	85.1	66.5	1	2.2	6.2	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	38.9	------	------	------	------	------	------	------	------	------	------	68.6

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.25	58.23	26.8	30.5	83	70	SE 1	ESE 3	3	7	------	54.80	53.92	27	29.5	84	78	SSW 4	SW 4	9	10	6.3
2	59.68	58.81	27	30.8	83	62	ENE 1	ESE 2	4	9	------	55.85	54.95	27	29	88	83	SW 2	SW 4	10	10	1.9
3	58.98	57.70	26.5	30.3	86	70	ENE 1	ENE 4	8	6	3.2	55.86	56.25	27.6	24.5	88	94	SW 2	SSW 1	10	10	25.4
4	58.32	57.69	26	26.8	90	80	ENE 2	SE 2	6	9	5.7	55.86	56.14	27.6	26.7	90	90	S 3	SW 4	10	10	4.4
5	59.01	58.10	26.9	30.5	85	67	E 2	ESE 3	4	5	3.2	56.88	57.61	27	24.3	94	93	SSW 2	SW 2	10	10	8.9
6	59.27	58.23	26.5	30.5	86	68	ENE 1	ENE 2	3	8	3.2	58.49	57.98	26.5	28.6	90	82	SW 1	SW 2	10	10	21.6
7	59.05	57.47	26.3	31	90	64	ENE 1	ENE 3	10	7	------	58.99	59.19	25.2	23.8	95	95	SSE 1	SSE 1	10	10	11.4
8	58.53	57.83	27	27	84	81	SE 1	SE 1	3	9	19.7	58.77	57.03	25.7	29.7	90	77	SSW 1	SSW 1	10	8	------
9	58.26	58.18	26.5	29.8	85	68	ESE 1	ESE 1	10	10	------	58.67	57.40	24.8	29.9	95	72	SW 1	N 1	8	8	------
10	57.80	57.18	25.8	28.8	98	79	Calm	SW 1	10	9	26	58.38	56.63	27	30	87	78	ENE 1	ENE 3	6	8	26.7
11	58.27	57.28	25.2	29.8	92	68	SE 2	E 3	10	10	4.4	56.49	55.98	25.3	28.2	93	84	E 1	ENE 2	10	10	3.8
12	58.79	57.95	25	30.6	93	65	SSE 1	ESE 2	10	5	------	57.19	56.91	26	24	88	96	SE 1	S 1	10	10	24.7
13	59.28	57.75	27	29.8	77	73	E 1	W 2	3	5	29.8	58.25	57.63	25	28.7	88	73	SE 1	SSE 2	10	10	10.8
14	57.08	56.03	24.6	29.8	93	74	E 1	WSW 2	5	8	.6	58.49	57.03	25	29.5	92	81	Calm	NNE 1	10	9	------
15	56.45	55.73	25.3	28.5	93	77	S 1	SSW 2	4	7	16.5	58.10	57.37	26.7	29.3	85	72	NE 1	ENE 2	4	9	6.4
16	57.57	57.25	25.2	28.8	95	83	SW 1	WSW 2	10	9	.6	58.44	57.78	26.3	30.1	86	70	ENE 2	ESE 3	9	8	3.2
17	57.60	57.05	25.5	29.8	93	71	SSW 1	W 1	2	3	------	58	57.22	26.5	28	90	85	E 1	ENE 2	10	10	82.5
18	56.76	56.14	27.5	28	82	85	SW 1	SW 3	6	8	4.5	58.20	57.58	24.5	27	97	88	SSW 1	SW 1	10	10	1.9
19	55.83	55.53	27.5	28.5	79	84	SW 3	SSW 3	8	9	------	58.02	56.80	24.5	28	94	79	S 1	S 1	10	10	9.5
20	56.84	56.36	27.6	30.5	83	72	SW 2	SW 2	9	6	------	57.72	57.47	24.7	25.5	97	91	SW 1	ENE 1	10	10	37.5
21	56.96	56.42	27.6	30.5	80	72	WSW 1	WSW 1	4	5	------	57.55	56.50	24.5	27.5	94	78	SSE 1	SSE 1	10	10	10.8
22	56.45	55.58	26.8	30.2	87	74	SW 1	SW 2	10	10	2.5	56.61	56.01	26.2	26.8	85	86	SW 2	SW 1	10	10	5.1
23	56.73	55.52	26.3	29.3	90	78	WNW 1	WSW 1	10	10	1.9	56.69	55.95	25.1	27.5	92	84	W 1	SW 2	10	10	3.1
24	56.66	55.56	26	29.6	92	81	ENE 1	W 1	8	8	1.9	57.86	56.54	25.5	29.5	85	76	SSE 1	SSW 3	9	6	------
25	55.65	55.72	26.2	30	92	71	S 1	SSE 2	10	10	3.2	58	57.50	25	30	93	73	S 1	SW 2	5	7	2.5
26	57.21	57.09	26.5	29.5	86	78	SSE 2	S 4	5	7	.6	57.59	55.77	24.8	29.8	96	73	SW 1	SSW 2	10	10	------
27	57.67	56.70	25.5	30.2	92	70	S 1	SW 3	2	5	------	------	55.18	------	28.5	------	83	------	NE 2	------	9	------
28	57.96	57.25	25	28.7	92	75	S 1	SW 1	4	10	2.5	55.96	55.88	26	30	90	67	ESE 1	SE 1	10	9	------
29	57.91	57.44	25.5	26.2	93	92	SE 1	SW 2	4	10	20.3	57.28	56.65	26.7	27.8	87	88	ENE 1	NE 2	3	9	10.8
30	57.70	56.23	26.2	25.8	92	81	SW 1	WSW 2	10	10	23.5	56.15	54.60	26.3	26.3	89	91	NE 1	ENE 1	9	10	59.6
31	55.85	54.75	26.8	29.8	78	74	SW 2	SW 4	8	8	5.1	54.12	53.56	25.5	29.8	92	74	ESE 4	ESE 4	10	9	10.1
Mean	57.72	56.93	26.3	29.4	87.9	74.4	1.2	2.2	6.5	7.8	------	57.31	56.55	25.8	28	90.5	81.7	1.4	1.9	9.1	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	178.9	------	------	------	------	------	------	------	------	------	------	388.9

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, −1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.78	56.29	24.8	27.4	95	81	SW 1	WSW 1	10	10	9.6
2	57.50	57.43	24	29	94	78	NE 1	ENE 1	10	10	-----
3	59.02	58.59	25.5	29.3	96	80	N 1	N 1	10	8	-----
4	59.90	58.96	26.5	24.5	81	99	NNE 1	ENE 1	10	10	17.8
5	58.79	57.87	26.1	29.4	91	82	ENE 1	ENE 2	4	8	-----
6	58.25	57.08	26.1	30.3	91	66	ENE 1	ESE 1	4	10	-----
7	57.91	56.70	25	30.7	94	64	E 1	SE 1	10	5	3.8
8	57.57	56.75	24.5	26.3	96	91	ESE 1	SSW 1	10	10	2.5
9	57.45	56.37	24.8	29	92	74	SE 1	WSW 1	5	10	31.7
10	56.56	55.70	25	29.2	96	76	NNW 1	SSW 1	5	8	10.8
11	56.85	56.13	24.8	29.3	93	79	S 1	NNW 1	10	10	21
12	57.17	57.05	25	28.8	93	79	S 1	S 3	8	10	7.6
13	58.49	58.30	25	28	94	81	S 1	WSW 1	8	10	11.4
14	59.94	58.70	25.2	26.8	94	86	S 1	NE 1	8	8	.6
15	59.78	57.78	25.7	29.5	94	81	NNE 1	NE 2	10	8	3.2
16	58.36	57.43	26.9	27.6	90	87	ENE 1	ENE 2	7	10	1.3
17	58.35	57.08	26.6	25.4	86	98	ENE 1	NE 1	8	10	22.8
18	57.08	54.65	26	25	88	91	NW 1	NNW 2	10	10	69.9
19	53.17	52.52	24.5	26.5	83	82	SW 3	SSW 3	10	10	49.6
20	53.30	53.79	24.5	24	96	97	SW 3	SSW 4	10	10	22.9
21	56.48	57.27	26.5	29	82	78	SSW 3	S 3	10	8	1.3
22	60.01	59.15	26.6	29.5	84	76	SW 1	NNW 1	6	5	-----
23	59.70	57.53	26.8	29.4	86	76	NE 1	NE 1	3	3	-----
24	58.66	57.25	27.7	28.5	84	82	NE 1	ENE 1	9	9	14
25	58.52	57.75	26.1	26.8	88	90	ENE 1	W 1	4	10	13.3
26	58.26	56.83	25	28.4	96	82	Calm	SE 1	10	10	9.5
27	57.09	55.80	26.2	28.7	89	75	WSW 1	NW 1	9	9	.6
28	56.11	55.24	26.5	27.5	84	81	WNW 1	SW 1	10	10	6.4
29	55.47	55.36	27.2	25.1	86	93	SW 1	SSW 1	10	10	40
30	55.49	54.99	27.8	27.1	82	86	SW 1	SW 1	10	10	42.5
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.57	56.74	25.8	27.9	89.9	82.4	1.2	1.4	8.3	9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	414.1

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.74	55.27	26	24.3	89	93	SSW 1	NNW 1	10	10	23.5
2	56.64	55.88	26.4	28.8	88	81	SW 1	SSW 2	9	9	7
3	58.82	58.04	26.7	28.3	86	82	SW 1	SW 1	8	8	6.4
4	58.17	57.68	25	29.5	94	70	SE 1	ESE 1	10	10	-----
5	58.47	56.71	24.3	28.5	95	74	Calm	ESE 1	9	8	31.1
6	57.80	56.60	25	28	92	81	ENE 1	ESE 1	10	10	7
7	57.87	56.68	26.3	29.5	90	72	ESE 1	E 1	9	7	10.8
8	58.09	55.86	26	29	90	81	NE 1	NE 2	10	10	-----
9	56.30	54	27	29.2	86	79	NE 1	N 1	10	10	47
10	56	53.19	24	28	95	81	SW 2	WNW 2	10	9	23.5
11	51.23	50.09	26.2	26	82	87	W 2	WSW 3	10	10	32.4
12	54.57	54.53	24.6	27.8	92	79	SW 3	S 3	10	10	28
13	56.96	56.35	26.5	28.6	84	75	S 1	S 1	10	10	14.6
14	58.70	57.14	23.2	29	94	74	SSE 1	S 1	10	9	-----
15	59.33	58.97	25.5	25.5	92	91	SSE 1	N 1	10	10	21.6
16	60.59	59.33	25.1	28.1	88	77	E 1	N 1	8	8	10.2
17	60.11	58.29	24.5	28.2	92	80	ENE 1	NE 1	6	10	3.8
18	59.40	57.13	26.7	29	90	85	NE 2	NE 1	10	10	11.4
19	57.95	56.27	26.2	24.8	82	78	NE 2	NE 1	10	10	21
20	57.07	56.41	26.3	28.3	90	79	SE 1	SSE 1	10	8	8.3
21	60.10	59.08	24.8	27.5	95	88	SSE 1	ESE 1	10	10	-----
22	60.89	58.73	25.3	27	94	90	SSE 1	ESE 1	9	3	21.6
23	60.60	58.73	25	29	96	81	Calm	NE 1	2	5	-----
24	59.77	58.13	26.5	29.8	90	73	ENE 1	ENE 1	2	6	7
25	60.02	58.58	26.5	28.4	90	81	SE 1	SE 1	8	9	1.9
26	60.50	58.46	25.8	28.7	93	76	SSE 1	SSE 1	8	9	-----
27	59.85	58.30	26.6	29.8	87	67	E 1	ENE 1	9	8	-----
28	59.87	58.93	26.4	30.6	91	68	NE 1	ENE 2	5	9	-----
29	60.32	58.26	26	27.3	81	86	NE 1	ENE 1	9	9	5.1
30	59.59	58.44	26.6	29.5	90	75	ENE 1	ENE 1	4	9	-----
31	59.42	58.19	26.5	29.6	88	70	ENE 1	ENE 1	3	9	1.3
Mean	58.41	57.04	25.7	28.2	89.9	79.2	1.1	1.3	8.3	8.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	344.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.27	58.13	26.4	29	81	71	NE 1	ENE 1	5	8	1.3
2	59.62	58.51	26	27.3	92	84	ENE 1	NE 1	6	8	4.5
3	60.58	59.01	25.5	26.4	94	92	ESE 1	ENE 1	6	8	1.3
4	60.42	58.68	26.5	28.7	88	78	ENE 1	ENE 2	4	8	.6
5	59.52	58.38	26.8	28.5	89	84	ENE 1	NE 2	9	10	.6
6	59.55	58.01	25.9	28.5	93	81	ENE 1	ENE 2	9	8	10.1
7	59.52	58.03	26.7	28.9	87	78	ENE 1	ENE 1	5	7	.6
8	59.44	56.88	27	28.7	86	77	ENE 1	ENE 2	6	9	-----
9	56.26	53.40	27.5	27.6	84	85	NE 2	NE 2	10	10	136.5
10	46.94	39.24	26.2	24.7	94	100	NW 4	WSW 10	10	10	179.1
11	48.34	49.01	25.1	27.5	99	76	SSW 9	SSW 6	10	10	9.5
12	53.27	52.85	27.2	28.8	87	82	SSW 3	SSW 3	9	10	.6
13	54.71	54.06	26.8	28.5	79	76	SSW 2	SSW 2	8	10	-----
14	57.75	57.42	23.5	30	94	68	S 1	ESE 1	5	6	-----
15	59.24	58.54	26.4	29.5	84	68	ENE 1	ENE 2	5	5	10.8
16	60.20	58.75	25.1	28.2	92	86	ENE 1	NE 2	6	7	8.9
17	59.54	57.99	25.1	28	93	77	ESE 1	ENE 2	10	8	5.1
18	59.85	58.34	24.7	28.6	87	71	NE 2	ENE 2	10	8	-----
19	60.31	58.18	25.5	28.1	80	80	ENE 3	NE 3	10	7	1.9
20	59.12	56.95	26	28	87	74	NE 1	NE 4	10	9	-----
21	57.97	55.53	25.7	28	84	77	ENE 1	NNE 1	6	5	.6
22	56.48	55.33	25.7	29	91	78	NNW 1	NNW 1	8	7	.6
23	57.71	56.77	23.7	28.7	96	76	NNW 1	NW 1	4	8	-----
24	58.50	57.48	23.9	28.5	96	77	ENE 1	NE 1	4	10	-----
25	58.16	56.34	25.9	28	88	76	NE 1	NE 2	8	10	2.4
26	57.02	55.41	26.5	28.8	90	79	NE 2	NE 2	10	10	-----
27	57.65	55.76	26.4	28.7	89	75	NE 1	NE 3	10	10	-----
28	56.86	54.74	27	28.5	81	78	NE 3	NE 3	8	8	-----
29	54.62	52.89	27.3	28.4	82	77	N 4	N 4	10	10	2.5
30	53.72	54.09	27	29	83	78	WSW 4	SW 3	10	9	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.40	55.82	26	28.3	88.3	78.6	1.9	2.4	7.7	8.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	377.5

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.02	56.60	26.4	28.4	89	80	SW 1	S 1	10	10	0.8
2	59.50	58.83	23.8	28	93	79	SW 1	NE 1	7	10	1.8
3	61.48	59.80	25.4	29.2	84	70	ENE 1	ENE 4	10	10	2.5
4	61.78	60.25	24.6	27.6	87	80	E 1	ENE 4	6	10	.8
5	61.40	59.73	25.6	27	84	81	ENE 4	ENE 5	5	8	12.7
6	61.60	59.65	25	27.6	83	68	ENE 3	ENE 5	5	10	5
7	60.60	59.43	25	28	87	70	ENE 3	ENE 5	10	6	-----
8	60.20	57.85	25	27	83	83	ENE 3	ENE 5	4	6	1.3
9	59.87	58.50	25.4	28	85	76	ENE 3	ENE 5	10	7	3.8
10	60.60	58.70	25.4	27.8	92	80	ENE 3	ENE 4	10	7	1.3
11	60.30	58.83	26	28	84	74	ENE 4	ENE 5	6	10	.8
12	60.20	57.95	25.4	28.8	88	73	ENE 4	E 4	10	10	11.4
13	59.60	58.25	26	28.4	84	70	ENE 4	ENE 5	10	6	-----
14	59.92	58.27	25.6	24.8	82	97	ENE 4	ENE 6	7	10	59.7
15	59.17	58.05	25.4	28	85	68	ENE 4	ENE 5	10	5	-----
16	59.90	58.83	25.8	28	85	74	ENE 3	ENE 5	10	8	1.3
17	60	58.55	24	28.6	78	71	ENE 2	E 2	6	7	6.4
18	59.27	58.32	25.6	25	92	95	ENE 5	ENE 4	10	10	55.9
19	59.25	58.70	25.6	28	92	71	ENE 4	ENE 5	10	7	-----
20	60.17	59.18	25.6	27.6	84	77	ENE 5	ENE 5	7	8	8.9
21	60.10	58.48	24.4	27.6	93	77	ENE 5	ENE 5	10	10	1.8
22	59.57	58.35	26	28	84	77	ENE 3	E 3	10	8	10.2
23	60.88	59.08	26	28	84	73	E 2	ENE 4	7	8	-----
24	61.48	59.95	25	27.6	83	73	ENE 3	ENE 5	6	7	-----
25	62.15	61.30	25	27.6	80	73	ENE 3	ENE 6	5	10	-----
26	61.68	59.53	25.4	28.6	76	66	ENE 4	ENE 5	6	5	-----
27	59.90	57.60	25.2	28.2	77	69	E 4	ENE 5	7	5	-----
28	59.77	58.55	22	28.4	88	68	Calm	NE 2	10	4	-----
29	61.47	59.98	23.4	27.6	80	68	ENE 1	ENE 4	10	4	-----
30	62.78	60.95	24	27.4	74	63	ENE 1	ENE 4	10	4	-----
31	61.68	60.25	24.6	27.6	87	68	ENE 2	ENE 4	10	8	1.3
Mean	60.43	58.98	25.1	27.8	84.7	74.6	2.9	4.3	8.2	7.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	187.7

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.19	59.26	24.6	29	95	76	NE 2	NE 1	10	6	36.1	65.93	64.36	22.8	24	97	84	NE 2	NE 4	10	10	4.1
2	60.44	58.30	25	27	89	82	NE 1	NE 2	10	9	2.3	64.99	63.14	22.8	24.8	87	85	Calm	NE 1	9	10	4.1
3	60.34	58.82	23.9	27.4	92	81	Calm	Calm	10	10	1.5	63.06	61.44	22.5	27.5	99	86	Calm	NE 2	10	4	1.6
4	62.21	60.54	25.5	26.6	93	89	Calm	Calm	10	10	1.6	62.56	60.39	22.5	27.6	100	75	Calm	NE 1	10	6	-----
5	60.91	59.42	25.8	27.2	84	77	Calm	NE 1	10	10	-----	62.34	60.61	23	28.8	93	68	Calm	NE 1	10	8	.5
6	60.59	58.66	23.8	26	97	79	Calm	Calm	10	10	-----	62.25	61.30	24.3	25.7	91	82	Calm	NE 2	10	10	2
7	61.06	58.81	25.2	25.5	92	87	Calm	Calm	10	10	.8	62.28	61.02	23.5	27.5	96	75	Calm	NE 1	10	5	4.1
8	59.89	58.90	24	28.4	97	77	Calm	NE 1	10	10	-----	61.37	59.92	22.2	27.5	96	69	Calm	NE 1	10	2	.3
9	60.17	58.32	25.5	29.3	93	76	Calm	Calm	10	9	1	61.75	60.28	21.7	28.5	99	68	Calm	NE 1	4	3	-----
10	60.29	59.27	24.7	25.6	98	91	Calm	Calm	10	10	-----	61.53	60.88	20	28.5	91	75	Calm	NE 1	3	3	-----
11	60.34	59.29	24.6	28.3	94	77	Calm	NE 1	10	10	2.1	62.45	61.53	21.4	27.3	93	78	Calm	Calm	10	10	6.6
12	60.99	59.50	24.6	28.5	92	78	NE 1	Calm	10	10	-----	64.36	62.70	23.5	25.2	87	79	NE 2	NE 1	10	10	6.1
13	61.79	59.92	21	28.3	100	75	Calm	NE 1	10	10	-----	63.73	62.34	23.8	26.5	85	80	NE 1	Calm	10	10	5.6
14	61.57	59.92	21	28	93	77	Calm	NE 1	16	8	3	64.01	62.29	23.2	28.5	93	68	Calm	Calm	10	9	8.4
15	62.36	60.52	20.5	29.2	95	66	Calm	NE 1	10	10	27.7	64.15	62.89	26.5	28.5	61	64	Calm	Calm	10	2	-----
16	62.71	60.89	22.6	28.7	100	80	Calm	ENE 1	10	10	.3	65.14	62.89	22.5	29.4	93	59	Calm	NE 1	10	3	-----
17	61.84	60.42	21.5	28.4	100	77	Calm	NE 1	10	8	-----	63.74	61.58	23	28.7	83	66	Calm	NE 1	10	9	.5
18	62.04	60.46	22	27.7	96	79	Calm	Calm	10	10	-----	61.55	60.38	23	28.6	93	65	Calm	NE 1	10	3	.3
19	61.51	60.79	21.1	28.4	95	76	Calm	Calm	10	10	-----	60.96	60.12	22.3	27.8	93	63	Calm	NE 1	4	2	-----
20	62.49	60.41	24	28.9	87	70	Calm	ENE 1	10	7	-----	60.45	59.14	24	28	88	74	Calm	Calm	10	10	-----
21	62.17	60.74	22.2	28.9	99	71	Calm	NE 1	6	7	-----	60.04	58.82	24.8	29.1	92	77	Calm	NE 1	10	6	15.2
22	62.72	61.33	21.5	29.2	95	68	Calm	Calm	10	8	-----	59.41	57.77	24	29	91	64	Calm	NE 1	2	3	1.5
23	63.23	61.61	25.1	29.3	87	70	NE 1	NE 1	10	4	2.8	59.80	57.92	25.3	28.5	86	71	NE 1	NE 1	3	2	-----
24	63.09	62.11	24	28.4	93	61	NNE 2	Calm	10	10	8.1	59.94	59.28	22	29	92	55	Calm	NE 1	4	2	6.4
25	64.19	63.02	23.5	27	89	80	NNE 2	NNE 4	10	10	.3	61.09	59.89	23.6	29	98	72	Calm	NE 1	10	4	4.3
26	65.07	63.20	24.8	24.8	85	90	Calm	NE 2	10	10	1.6	60.45	58.94	22.4	29.6	98	63	Calm	NE 1	4	2	-----
27	64.63	63.47	24	27.2	79	65	NE 2	NE 1	10	6	1.3	60.46	59.07	21.1	27.5	95	78	Calm	NE 2	2	10	.5
28	65.23	63.40	21.7	26.1	83	99	Calm	ENE 2	9	10	6.6	60.08	59.28	23.5	28.7	96	73	Calm	NE 2	8	8	13
29	64.68	62.92	21.5	27.5	98	74	Calm	Calm	10	9	1.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	64.84	64.09	24.5	25.4	79	83	Calm	NE 1	10	10	4.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	64.99	63.88	24.5	26.5	83	76	NE 2	NE 3	10	10	5.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	62.24	60.72	23.5	27.6	92	77.6	0.4	0.9	9.8	9.1	-----	62.14	60.72	23	27.8	91.6	72	0.2	1.1	8	5.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	109.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	85.1

Day.	MARCH.											APRIL.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.94	60.57	24.6	28	90	76	Calm	NE 2	10	10	0.5	60.76	59.59	22.5	29.5	94	61	Calm	NE 2	10	3	-----
2	62.50	60.37	25.2	28	80	69	Calm	NE 1	10	9	-----	60.45	58.48	22.5	30	91	54	Calm	NE 1	8	8	-----
3	61.10	59.22	22.1	29.6	92	64	Calm	Calm	8	4	.5	59.75	58.27	21.4	31.5	89	49	Calm	NE 1	9	8	-----
4	60.79	59.21	23.5	28.7	97	75	Calm	NE 1	10	8	1.5	60.06	59.17	25.2	30.4	74	57	Calm	NE 2	10	10	-----
5	60.16	58.82	24.5	29	92	68	Calm	NE 1	10	4	-----	60.54	58.87	22.5	30	89	56	Calm	NE 1	10	10	-----
6	60.18	58.82	23.7	28.6	97	72	Calm	NE 2	10	10	5.1	60.01	57.87	20.2	30.5	80	54	Calm	NE 1	10	10	4.3
7	59.69	57.89	23.5	29.4	97	72	Calm	NE 1	10	10	.3	59.02	58.02	22	31.1	93	64	Calm	NE 2	10	7	.5
8	58.63	56.96	22.6	29.5	97	73	Calm	NE 1	10	7	-----	59.02	58.64	22.6	30.2	92	65	Calm	N 1	8	8	2.3
9	57.91	56.22	23.5	29	94	78	Calm	NE 1	10	10	-----	59.79	58.84	22	31	94	48	Calm	NE 1	10	3	-----
10	58.41	58.29	23.7	30.7	98	65	Calm	NE 1	10	9	.3	59.91	58.44	23.5	30.3	90	56	Calm	NE 1	10	4	-----
11	59.59	58.28	23	30	97	62	Calm	NE 1	10	2	-----	59.51	57.91	23.2	31.6	97	45	Calm	NE 1	7	2	-----
12	59.79	57.74	22.5	29.3	96	76	Calm	NE 2	10	2	-----	59.69	58.05	23.2	31.6	88	61	Calm	NE 2	10	8	-----
13	59.31	57.81	22.5	30.6	96	65	Calm	NE 2	9	2	-----	60.42	57.57	21.8	30	84	73	Calm	NE 1	10	10	37.8
14	59.78	58.52	23	29.8	96	65	Calm	NE 2	10	10	-----	60.29	58.42	24.5	29.6	97	75	Calm	NE 2	10	10	-----
15	60.30	59.17	23	30.5	93	62	Calm	NE 1	10	4	-----	59.36	57.87	23.6	29	97	76	Calm	NE 1	10	10	-----
16	60.12	58.29	25.2	30.2	86	62	Calm	NE 2	4	2	-----	58.73	57.27	23	29.8	96	73	Calm	Calm	10	10	-----
17	60.16	58.04	22.5	30	87	62	Calm	NE 2	10	8	13.5	59.63	58.07	24	28.8	92	78	Calm	NE 1	10	10	-----
18	59.90	58.51	23	30.3	96	60	Calm	NE 2	8	3	.3	59.63	58.61	25.1	28.2	95	80	Calm	NE 1	10	10	2.8
19	59.80	58.54	22.8	30.4	90	60	Calm	NE 1	10	2	-----	59.55	58.79	23	27.8	92	82	Calm	Calm	10	10	12.4
20	60.03	58.32	24.1	30.4	86	57	Calm	NE 2	10	4	-----	59.89	59.03	24.2	30.8	91	67	Calm	NE 2	8	7	6.1
21	59.42	57.86	22.1	30.5	85	60	Calm	NE 2	8	8	-----	60.29	58.88	24.5	30.7	92	64	Calm	NE 2	9	7	8.9
22	58.40	58.29	20.1	30.5	88	60	Calm	NE 1	10	10	-----	60.19	59.03	24	30	96	67	Calm	NE 1	8	4	26.4
23	58.20	57.34	20.8	29.7	83	60	Calm	NE 2	10	4	-----	59.46	57.69	23.6	30.3	93	70	Calm	NE 1	8	4	3.6
24	60.39	59.56	22.4	30	82	65	Calm	NE 2	3	2	-----	58.52	57.27	24.7	30.5	91	67	Calm	NE 1	8	2	-----
25	61.35	59.97	21	30.6	92	58	Calm	NE 1	4	3	-----	58.64	57.06	27.5	30.2	91	68	Calm	E 1	6	7	3.6
26	61.26	59.98	23	30.4	89	54	Calm	NE 1	8	3	1.5	59.10	57.62	26	29.7	85	64	Calm	E 1	8	10	5.1
27	61.44	59.68	23.6	30.2	89	53	SE 1	NE 1	8	2	-----	59.26	58	24.1	31	95	62	Calm	Calm	10	10	.3
28	62.01	60.18	22.5	30	87	62	Calm	NE 1	8	8	1	59.06	57.59	27	29.4	82	82	Calm	Calm	9	10	6.8
29	61.47	60.42	24.5	30	93	65	Calm	NE 2	10	10	1.6	59.14	57.15	25.6	30.8	93	62	Calm	NE 1	10	8	.3
30	61.39	59.58	23.7	31.5	95	55	Calm	NE 1	8	8	-----	58.47	56.69	25	30.6	96	63	Calm	NE 1	10	8	-----
31	60.88	59.37	23	30.1	96	61	Calm	NE 1	10	10	5.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.20	58.77	23.1	29.9	91.5	64.4	0	1.4	8.9	6.1	-----	59.60	58.16	23.7	30.2	91	64.8	0	1.1	9.2	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	31.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	121.2

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.99	56.97	24.5	31.1	93	50	Calm	Calm	10	10	------
2	57.99	57.12	25.5	30.5	86	60	Calm	NE 1	10	10	------
3	59.06	58.18	25.6	28.7	87	76	Calm	NE 3	10	9	17.8
4	58.63	57.39	23	29.3	96	74	Calm	Calm	10	10	1.8
5	57.77	56.23	22.6	30.7	92	68	Calm	E 1	10	9	10.9
6	55.81	53.25	24	27.5	96	78	Calm	NNE 5	10	10	154.9
7	54.26	55.08	24.9	25	92	93	E 6	ESE 2	10	10	21.9
8	56.07	56.46	24	26.2	94	94	Calm	Calm	10	10	7.1
9	55.99	56.39	24.3	25.6	97	97	Calm	Calm	10	10	8.9
10	57.41	56.37	23.8	29.8	98	75	Calm	Calm	10	10	.5
11	58.50	57.36	23.4	30.1	97	75	Calm	Calm	10	9	------
12	59.54	58.34	23.7	30.5	97	73	Calm	Calm	10	10	------
13	59.64	58.07	24	30.8	94	71	Calm	Calm	7	7	------
14	58.31	56.92	23.9	30	94	72	Calm	NW 2	6	5	------
15	58.57	57.66	24.2	30.1	98	77	Calm	NW 2	4	6	------
16	59.55	58.19	23.6	30.1	95	78	Calm	NW 2	8	4	------
17	60.18	58.48	22.8	32	95	63	Calm	Calm	4	8	------
18	60.11	58.63	23.6	31.6	86	64	Calm	SE 2	8	7	.3
19	60.24	58.62	24.2	31.5	90	63	Calm	ESE 2	10	8	9.4
20	59.48	58.61	24.6	31.2	95	68	Calm	SE 2	10	7	.8
21	58.66	58.37	24.7	31	94	70	Calm	ESE 2	4	3	1.3
22	59.11	58.13	25	31.5	92	57	Calm	E 1	10	8	.3
23	58.49	57.05	24.8	30.8	94	71	Calm	SE 1	10	10	.5
24	58.01	56.81	25	30.8	90	71	Calm	SE 1	10	10	7.9
25	59.25	57.49	24.2	30.2	94	71	Calm	NE 2	10	10	.3
26	59.69	58.64	24.8	28.7	88	75	Calm	NE 1	10	10	2.8
27	59.63	58.44	24.2	28.5	92	82	Calm	Calm	10	10	19.1
28	58.90	57.17	24.5	31	96	70	Calm	NE 2	10	4	------
29	58.38	57.43	23.2	30.8	90	62	Calm	NE 2	10	5	------
30	59.28	57.77	23.8	30.2	85	70	Calm	NE 2	10	4	------
31	59.94	58.07	25.4	30.5	92	70	Calm	NE 1	10	10	11.2
Mean	58.53	57.41	24.2	29.9	92.9	72.2	0.2	1.3	9.1	8.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	277.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.01	57.27	25.2	30	95	73	Calm	NE 1	10	10	9.7
2	58.84	57.30	-----	31.5	-----	60	Calm	Calm	10	3	------
3	58.56	56.47	-----	30.6	-----	72	Calm	E 2	6	10	7.1
4	57.39	56.26	25.8	31.3	93	71	Calm	ESE 2	10	10	.5
5	57.33	55.22	25.1	31.1	94	73	Calm	NE 2	10	7	1.8
6	57.69	56.32	25	30.1	95	74	Calm	SE 2	10	10	2.3
7	58.46	57.03	24.4	29.6	97	76	SSE 1	SE 1	10	10	20.6
8	58.41	57.18	23.6	31	94	72	SE 1	SE 1	10	10	1.5
9	59.26	57.36	-----	31	-----	72	Calm	ESE 1	10	4	5.8
10	59	57.25	-----	30.5	-----	70	Calm	E 2	10	10	.8
11	59.43	57.38	24.5	30.5	90	72	Calm	E 2	10	10	------
12	59.40	57.27	25.5	31.6	86	65	Calm	NE 2	10	8	------
13	59.39	57.75	25.4	30.2	97	75	Calm	NE 2	10	10	.5
14	59.03	56.90	23.9	31.8	96	69	Calm	E 2	8	10	------
15	58.91	57.69	-----	27.6	-----	76	Calm	W 1	10	10	------
16	58.65	56.72	24.3	31.5	91	70	Calm	E 1	10	8	10.9
17	58.90	57.53	24.5	31.2	93	64	Calm	Calm	10	10	------
18	59.69	58.06	23.6	32	92	63	Calm	E 1	10	10	------
19	61.02	59.24	24.9	29.5	92	78	Calm	Calm	10	10	------
20	60.70	58.72	24.5	31.1	88	65	Calm	NW 1	8	10	------
21	59.60	57.97	23.1	31	92	72	Calm	NW 2	3	10	------
22	59.23	58.01	25.7?	30.2	82?	77	Calm	WNW 2	2	10	------
23	60.06	58.77	25.7?	30.5	86?	72	Calm	NW 1	8	10	------
24	59.89	58.62	24.6	32.5	92	62	Calm	NW 1	10	10	23.9
25	59.94	59.15	23.6	26	97	84	Calm	SE 1	10	10	8.9
26	60.04	58.17	24	31	88	66	Calm	SE 1	10	10	1
27	59.01	58.17	23.7	31.1	92	65	Calm	Calm	10	10	17.7
28	60.39	58.69	22.7	30.6	94	71	Calm	SE 2	10	10	31.5
29	60.54	58.57	23.3	29.9	93	75	Calm	NE 1	10	10	------
30	59.27	57.04	23.6	32	90	61	Calm	Calm	10	4	3.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.23	57.60	24.4	30.6	92	70.5	0.1	1.2	9.2	9.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	148.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.88	57.32	25.2	31.1	90	71	Calm	Calm	10	10	9.7
2	59.58	58.58	24.5	31	92	68	Calm	Calm	10	10	9.9
3	59.32	58.42	24.5	32.2	96	65	Calm	SE 1	10	8	7.9
4	58.91	57.55	24	29	93	74	Calm	Calm	10	10	40.1
5	58.66	56.91	23.9	31.2	97	66	Calm	NE 1	10	9	21.3
6	58.51	58.09	25.2	29	92	76	NE 1	NE 1	10	10	8.1
7	57.81	57.06	23.8	27	93	84	Calm	Calm	10	10	3.7
8	58.37	56.92	24.7	31	86	67	Calm	Calm	10	8	------
9	57.96	56.61	24	30.6	91	67	Calm	NW 1	10	10	------
10	57.83	56.72	24	29.2	92	74	Calm	NW 2	10	10	------
11	57.51	56.79	23.5	29.5	96	76	Calm	NW 1	10	10	------
12	58.53	58.48	23.2	27.5	94	74	Calm	W 3	10	10	------
13	58.52	57.16	22.1	30.1	95	69	Calm	WNW 2	10	10	------
14	56.42	54.21	24.5	30	88	76	Calm	WNW 3	10	10	34
15	53.68	51.39	25.8	27	89	82	WNW 2	W 1	10	10	21.3
16	52.79	52.77	24	27	96	86	Calm	Calm	10	10	39.6
17	54.42	54.29	23.5	26.6	98	85	Calm	Calm	10	10	4.8
18	55.32	54.72	24	28.6	97	75	Calm	Calm	10	10	1
19	54.78	54.41	26.4?	30	90?	73	Calm	Calm	10	10	11.4
20	56.04	55.69	25.6	28.6	94	70	Calm	NW 2	10	10	.6
21	55.82	57.41	24.5	24.5	94	85	Calm	WbyN 5	10	10	38.4
22	55.58	54.57	23.5	30.6	96	68	Calm	Calm	10	10	1.3
23	53.92	52.92	24.8	31	92	62	Calm	Calm	10	10	.8
24	53.82	54.41	24.2	25.6	95	91	Calm	Calm	10	10	11.7
25	55.55	55.13	24	30	97	62	Calm	Calm	10	10	.8
26	57.05	56.26	25	30.3	92	68	Calm	NE 1	10	10	------
27	56.80	55.19	23.9	30.4	96	61	Calm	WNW 3	10	10	5.3
28	54.37	53.73	24.3	25.5	94	92	NW 1	NW 1	10	10	56.4
29	51.18	52.03	25.4?	24.5	79?	92	NW 1	Calm	10	10	41.1
30	53.55	54.10	23.7	30.1	97	71	Calm	Calm	10	10	2
31	55.71	55.42	24	32	96	70	Calm	Calm	10	10	.5
Mean	56.36	55.65	24.3	29.1	93.1	74.2	0.2	0.9	10	9.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	371.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.04	55.57	24.7	27.7	95	82	Calm	NW 2	10	10	6.4
2	56.85	56.47	23.9	27.8	96	75	Calm	WNW 2	10	10	.4
3	57.45	57.39	24	27.5	91	82	Calm	WNW 5	10	10	11.2
4	57.77	56.09	23.5	30.6	96	68	Calm	NW 1	10	10	21.9
5	57.23	56.90	22.8	23.8	97	97	Calm	Calm	10	10	66.6
6	56.50	55.86	25.1?	28.2	92?	80	WNW 2	Calm	10	10	5.1
7	56.32	56.33	24	28.6	96	77	Calm	NW 1	10	10	7.6
8	56.88	56.66	24.5	30.4	96	70	Calm	Calm	10	10	------
9	57.55	57.03	23.8	31	97	64	Calm	NE 1	7	7	------
10	57.20	56.11	26.2	29.6	89	74	Calm	WNW 3	10	10	------
11	57.01	55.59	24.5	30	91	69	Calm	NE 1	10	10	------
12	56.46	55.68	24	29.1	96	78	Calm	WNW 3	10	8	4.1
13	56.90	55.64	23.5	28.1	97	77	Calm	WNW 3	10	10	------
14	57.52	56.24	26.3	27.5	90	81	WNW 2	NW 1	10	10	.6
15	54.74	52.80	27.2	28.6	81	77	WNW 3	WNW 3	10	10	1.3
16	53.54	54.70	24	24.2	94	92	Calm	Calm	10	10	28.9
17	57.93	57.97	24.6	29	95	77	Calm	Calm	10	10	6.9
18	59.76	58.34	24.4	31	95	69	Calm	ENE 1	10	9	.5
19	58.12	55.79	22.7	30.2	96	69	Calm	Calm	4	7	------
20	56.56	55.44	23.6	27.5	92	76	Calm	NW 1	10	10	------
21	56.85	56.49	23.6	29	95	73	Calm	Calm	10	10	------
22	56.38	56.02	22.9	29.3	90	69	Calm	Calm	8	10	------
23	56.73	56.07	23.3	27.8	96	80	Calm	SE 1	10	10	1.3
24	56.97	56.14	23.5	28.6	94	78	Calm	Calm	10	10	.5
25	58.57	57.57	25.3	29.7	93	66	Calm	E 1	10	10	9.5
26	58.26	56.31	25	29	93	74	Calm	Calm	10	10	------
27	54.95	52.99	25	29	98	78	Calm	Calm	6	10	1.8
28	54.26	53.56	24.5	28.5	96	81	Calm	Calm	10	10	21.5
29	56.77	56.75	24.6	28.8	95	76	Calm	Calm	10	10	1.8
30	57.86	56.93	23.6	29.7	96	71	Calm	Calm	8	10	------
31	58.17	56.34	23	28.5	96	75	Calm	NW 3	10	10	------
Mean	56.91	56.06	24.2	28.7	94	76	0.2	1.1	9.5	9.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	197.9

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.34	54.79	25.8	28.5	82	78	NW 2	NW 3	8	9	------
2	54.11	52.25	26.1	28.5	88	78	NW 4	WNW 4	10	10	------
3	51.42	50.31	24	26.7	91	87	Calm	Calm	10	10	12.2
4	51.95	52.89	24.1	26.1	95	91	Calm	WNW 2	10	10	2
5	56.17	55.42	24	29	96	71	Calm	NW 1	10	10	.3
6	57.98	56.99	24.7	30.5	96	67	Calm	Calm	10	8	------
7	58.53	57.13	23.5	31	94	69	Calm	NW 1	4	10	------
8	57.94	56.37	24.4	29.5	92	78	Calm	NW 3	10	10	------
9	56.71	55.26	25	28.4	88	78	Calm	WNW 3	10	10	13
10	55.92	54.46	24.5	25	87	92	W 2	Calm	10	10	36.6
11	55.41	55.05	24.5	24.9	92	95	NW 2	Calm	10	10	2.3
12	57.86	57.32	24	29.7	95	78	Calm	Calm	10	8	------
13	59.66	58.39	22.4	30.4	95	78	Calm	NW 3	2	4	------
14	59.33	56.42	27.1?	27.7	79?	81	WNW 2	WNW 4	10	10	------
15	58.13	56.89	27.8?	28.6	73?	78	NW 3	NW 4	10	10	------
16	56.96	56.19	23.8	31	94	65	Calm	Calm	10	10	------
17	58.77	57.89	24.1	29.5	97	77	Calm	Calm	10	10	------
18	59.21	58.17	22.6	30.3	97	72	Calm	NE 1	10	10	------
19	59.91	58.57	23.5	31.5	94	64	Calm	NE 1	10	10	2.3
20	59.59	58.17	24.1	31.6	96	65	Calm	NE 1	10	8	------
21	58.11	56.70	23	31.3	95	55	Calm	NE 1	8	2	------
22	58.34	57.63	21.8	30.5	88	69	Calm	NE 1	3	7	------
23	60.21	58.64	23.5	29.7	90	74	Calm	Calm	10	10	------
24	59.70	58.33	23.3	30.2	91	67	Calm	Calm	7	10	------
25	59.49	58.29	24.5	29	92	75	Calm	NE 1	8	10	------
26	59.31	57.89	24.3	30.5	93	72	Calm	NE 2	10	5	7.9
27	60.13	58.95	24.5	31	92	69	Calm	NE 2	8	4	.8
28	59.79	58.11	24	31	93	66	Calm	NE 1	6	10	------
29	59.87	58	22.9	31.6	90	65	Calm	NE 1	8	10	------
30	58.83	57.42	23.6	32.4	93	59	Calm	NE 1	10	7	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.86	56.63	24.2	29.5	91.3	73.8	0.5	1.4	8.7	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	77.7

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.01	57.64	23.8	30.5	93	72	Calm	Calm	8	10	0.8
2	59.03	56.67	23.6	31.5	95	60	Calm	NE 1	10	7	------
3	58.41	57.23	23.9	31.1	88	62	Calm	NE 1	8	10	------
4	59.58	58.03	24.5	28.1	87	77	Calm	NE 1	10	10	5.6
5	59.10	57.29	23.5	29.1	94	73	Calm	Calm	10	10	------
6	58.89	56.19	24.8	28.8	92	76	Calm	NE 1	10	10	40.6
7	59.33	57.83	23.5	31.5	97	62	Calm	NE 1	10	7	7.1
8	59.35	57.85	23	30.5	97	62	Calm	Calm	10	10	------
9	58.33	55.89	23.5	31	90	61	Calm	Calm	10	10	------
10	56.56	55.20	24.2	30.3	95	68	Calm	NW 1	10	10	------
11	55.09	53.84	27.1	28	87	85	NW 2	NW 2	10	10	1.1
12	53.65	53	25.3	27.8	81	79	Calm	Calm	10	10	2.8
13	52.23	51.29	24	27.5	93	84	Calm	SE 1	10	10	27.7
14	52.92	51.85	23.8	26.5	97	88	Calm	NE 1	10	10	43.7
15	53.91	54.83	25.6?	29	84?	81	SW 1	WNW 3	10	10	.3
16	58.26	57.59	24.6	28.8	91	77	Calm	WNW 3	10	10	------
17	59.06	57.89	22	29	96	72	Calm	WNW 2	10	9	2.8
18	60.70	58.61	23	27.8	95	76	Calm	Calm	10	9	30.2
19	60.46	59.04	23	29.2	96	69	Calm	E 1	8	10	16.3
20	60.85	59.53	23.5	29.7	96	67	Calm	NE 1	10	10	.5
21	60.69	59.10	23	30	89	65	Calm	NE 1	10	10	------
22	59.91	58.32	22.4	30	94	60	Calm	Calm	10	10	------
23	59.51	58.16	23.3	29.2	92	71	Calm	Calm	10	10	------
24	60.19	59.76	25.7	29.2	74	58	NE 2	NE 2	10	10	.5
25	61.29	60.29	23.5	28.4	91	56	Calm	Calm	10	10	------
26	61.04	58.99	21	30.1	95	53	Calm	NE 1	9	7	------
27	60.34	58.68	23	30.1	91	59	Calm	NE 1	10	4	154.9
28	61.71	60.44	22.6	26.3	98	78	Calm	NE 1	10	10	17.1
29	61.66	60.09	23	30	96	66	Calm	NE 1	10	10	------
30	61.56	59.47	23.4	30	90	61	Calm	NE 1	4	4	------
31	59.79	59.53	26.1	29	84	78	Calm	NE 2	10	10	10.1
Mean	58.79	57.42	23.8	29.3	91.5	69.5	0.2	1	9.6	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	362.1

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.59	59.48	23.5	26.3	98	90	Calm	Calm	10	10	2
2	60.79	59.24	24	29.5	95	73	Calm	NE 1	10	8	17.3
3	60.88	59.35	24.5	30.2	96	67	Calm	NE 1	10	10	5.4
4	60.51	59.44	24.5	30.2	94	69	Calm	NE 1	10	10	.3
5	60.67	59.73	25.1	29.4	95	74	Calm	NE 1	10	10	.8
6	60.77	59.17	25.1	29	95	76	Calm	Calm	10	10	9.7
7	61.04	59.63	26.6	29.8	89	73	Calm	ENE 2	10	10	1
8	61.47	60.14	26.6	28	87	81	NE 1	NE 2	10	10	31.2
9	61.67	59.26	27.4	30	81	70	Calm	NE 1	10	10	------
10	61	59.38	26	27.5	85	78	Calm	NE 2	10	10	1
11	60.51	60.12	23.3	28.4	90	70	Calm	NNE 2	10	10	.3
12	61.34	60.17	23.6	30.7	95	60	Calm	NE 1	10	10	.3
13	61.55	60.87	23.5	28.7	92	66	Calm	NE 1	10	10	2.5
14	61.96	60.71	20.5	29.1	93	87	Calm	NE 1	6	10	------
15	61.84	60.89	22	30.4	96	56	Calm	ESE 1	10	8	4.3
16	62.34	60.94	23.6	27	86	74	Calm	NE 1	10	10	4.1
17	61.76	59.99	22.5	29	96	62	Calm	Calm	10	10	1.5
18	62.63	60.89	22.5	29.5	96	64	Calm	NE 1	4	7	1.8
19	62.34	61.95	23.9	27.7	96	82	Calm	NE 2	10	10	31.5
20	62.22	61.65	24	26.8	97	86	NE 1	Calm	10	10	7
21	62.81	60.81	24	27.4	93	78	NE 1	NE 1	10	10	9.6
22	61.61	61.13	24.5	26.5	89	76	Calm	NE 2	10	10	5.1
23	61.93	61.59	25	25.5	87	85	NE 1	NE 2	10	10	10.2
24	63.14	61.99	25.8	29.1	71	68	NE 1	NE 1	10	9	.5
25	63.05	61.06	24	28.7	76	63	Calm	NE 1	4	6	.5
26	61.01	59.28	23	30.2	88	58	Calm	Calm	10	10	------
27	58.02	56.89	26?	26.6	73?	77	NW 2	NW 1	10	10	.8
28	59.42	58.34	22	28.3	96	75	Calm	NE 1	8	6	.8
29	60.34	58.63	24	29.7	95	73	Calm	NE 1	10	7	.8
30	60.47	60.31	25.3	28	89	72	Calm	NE 1	10	10	3.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.32	60.10	24.2	28.6	90.3	72.8	0.2	1.1	9.4	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	154.1

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.41	59.88	23.5	27.5	96	73	Calm	Calm	10	10	1
2	60.89	59.91	20.5	28	91	74	Calm	NE 2	4	4	------
3	61.94	61.09	22	29	87	65	Calm	NE 1	4	4	------
4	62.90	61.93	22.2	29	95	65	Calm	NE 1	9	4	------
5	63.31	61.62	23.4	27.3	92	75	Calm	NE 1	9	10	2.1
6	63.30	61.26	25.2	28	86	70	NE 1	NE 2	8	7	3.6
7	62.78	60.64	24.9	29	90	64	Calm	NE 1	10	3	1.3
8	61.58	59.58	23.8	29.1	93	66	Calm	NE 1	10	10	18.8
9	61.49	60.44	25.5	29.5	84	70	NE 1	NE 2	10	9	------
10	61.82	60.62	25.9	29.5	81	62	NE 2	NE 1	10	3	1.5
11	61.04	59.09	25.2	29	86	69	Calm	NE 1	10	4	22.4
12	60.97	59.02	25	29.4	94	66	Calm	NE 1	10	3	.3
13	60.49	59.23	25	29.5	96	69	Calm	NE 1	10	4	8.4
14	60.16	59.07	24.2	27	92	80	NE 1	NE 2	10	10	16.8
15	60.08	58.39	24.5	29.1	94	70	Calm	NE 1	10	5	1
16	60.98	59.13	24	28.5	96	79	Calm	NE 1	10	10	.3
17	61.24	60.59	23.1	26.5	96	79	Calm	NE 1	10	10	9.7
18	61.41	60.79	23.5	26	96	82	NE 1	NE 2	10	10	.6
19	62.59	61.29	25	26.2	83	85	NE 1	NE 2	10	10	6.1
20	62.99	61.03	25	27.5	88	79	NE 2	NE 1	10	10	12.7
21	62.58	59.32	24	28.5	94	80	Calm	Calm	10	10	------
22	60.91	58.32	25	29	90	73	Calm	NE 1	10	7	10.2
23	60.22	59.54	24	26.5	94	79	Calm	NE 1	10	10	.8
24	61.10	59.44	23	28.5	92	70	Calm	NE 2	10	10	1
25	60.30	59.02	24	28.5	87	78	Calm	Calm	10	10	.3
26	59.83	58.33	25.5	28	88	81	Calm	WNW 4	10	8	------
27	59.83	59.12	25	28.2	83	66	Calm	NW 1	10	10	.5
28	61.49	60.14	24.5	27.5	81	70	NE 1	Calm	10	10	.8
29	63.25	61.39	23.2	28.6	86	70	Calm	NE 1	10	10	.5
30	63.53	62.89	25	25.6	87	85	Calm	NE 1	10	10	17
31	65.41	63.43	23	26	91	81	Calm	NE 1	10	10	7.6
Mean	61.67	60.18	24.1	28	90	73.4	0.3	1.2	9.5	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	145.3

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61	59.02	24.7	27	86	80	E 2	E 2	9	10	12.4	64.08	64	23.5	28	96	88	NE 5	NE 4	10	7	0.3
2	60.40	58.29	23	29.5	97	68	N 1	E 2	10	3	3.8	64.03	62.03	23.5	29	97	81	NE 2	ENE 4	10	9	------
3	59.96	58.15	24	30.5	93	66	NE 2	E 3	10	4	4.6	62.10	60.94	24.5	30	97	91	NE 3	E 4	10	6	------
4	60.04	60	26	27.6	84	77	E 3	E 3	10	10	18.5	61.98	59.97	23	29.7	97	87	N 2	E 3	3	8	.5
5	60.06	59	25.5	27	88	77	E 3	ENE 3	10	7	1.3	61.95	61	23.5	24.8	97	93	NNE 1	E 2	10	10	34.8
6	60.16	58.56	21.5	29.5	94	69	WNW 2	E 3	5	9	1.5	61.52	61.44	24.4	25.6	97	95	ENE 3	SE 2	10	10	10.2
7	60.07	59	23.5	27.4	92	81	NW 2	E 3	10	10	9.9	62.06	61	21.5	29	97	89	NNW 1	E 3	4	5	------
8	60.08	58.88	21.7	29.6	98	71	NNW 2	E 3	5	9	10.7	61.99	61	19.4	28.5	99	91	NW 1	E 3	2	10	1.8
9	60.02	58.93	23.3	29.5	97	75	NW 2	ESE 3	10	9	1.3	62.01	60.98	20.6	28.5	98	88	NW 2	SE 3	7	5	------
10	59.91	58.19	22.7	29.8	98	70	NW 1	E 2	6	7	------	62.03	60.50	20	29.5	95	75	NW 1	SE 3	4	10	1
11	60.03	59.78	21.5	28	97	74	N 1	SE 3	4	10	------	62.05	61.01	22.6	26.3	97	90	NE 1	S 2	10	10	10.7
12	61	59.50	24.5	29	86	71	E 2	E 3	9	5	47.8	63.56	62.55	22.7	26	91	76	NE 3	ENE 3	10	10	1.1
13	61.83	60.10	23.5	29.8	94	69	E 1	E 3	9	5	5.4	63.11	62.51	24 ?	27.7	79	69	NE 2	ENE 3	10	10	.2
14	61.87	60	22.1	30.6	97	72	NW 2	SE 3	7	4	.3	63.93	63.01	24.2	28	82	79	NE 3	E 3	7	9	------
15	62.36	60.53	23	29.5	97	72	WNW 2	SE 3	9	6	4.1	64.34	63	19.9	28.6	96	83	NW 1	ESE 3	2	4	------
16	63.11	61	20.9	30.5	97	68	NW 2	SE 3	4	5	------	65.02	63	20.7	29.3	98	84	N 1	ESE 3	4	5	------
17	62.24	60.10	20.1	30.6	97	69	NW 2	SE 3	4	5	------	63.96	62	20.2	30.3	94	75	N 1	E 3	5	6	.8
18	62.06	60	21	28.7	96	75	NW 2	SSE 2	10	10	.5	62.02	61	22.2	29.5	98	78	E 2	E 3	10	7	2
19	62.01	60.53	20.2	27	98	75	NW 1	E 2	4	10	------	61.13	60.09	20.3	31	97	73	WNW 1	E 3	5	5	.3
20	63.01	60.60	20.1	30.6	99	65	NNW 2	SE 3	2	3	------	60.37	59.27	23.6	28.2	91	83	NW 1	E 3	10	10	32.3
21	62.88	60.96	20.3	30.5	97	66	NNW 2	SE 3	4	4	------	60.53	59.07	23.5	30.7	94	75	NW 1	ESE 3	10	5	.1
22	62.99	61.54	20.2	29.2	98	70	NW 2	SE 3	3	5	------	60	58.95	25	27.2	90	89	E 2	E 3	4	10	3.3
23	63.38	61.11	20.4	28.5	98	75	NNW 1	SE 2	3	7	2.1	59.99	58.96	20.8	28.6	98	85	NW 2	ESE 3	5	4	------
24	62.96	61	22	27.8	96	83	NW 1	SE 3	5	9	2.3	60.18	59.50	20.4	30	98	85	NNW 1	E 3	3	9	.8
25	63.51	61.97	21.5	30.1	98	67	NW 1	ESE 3	5	7	------	61.01	59.92	23.5	30	96	87	NNE 1	ESE 3	9	5	------
26	64	62.15	23	26.6	88	69	NW 1	NE 2	7	10	1.3	61.02	58.97	20.6	28.3	96	72	NW 1	ESE 3	6	8	------
27	64.24	62.99	23.2	27	78	61	ENE 3	ENE 4	9	8	------	60.98	58.96	18.5	31.3	98	79	NW 1	SE 2	1	8	------
28	64.07	62.34	24.5?	30	67?	53	NW 1	NNE 4	10	4	------	60.03	58.90	20.5	30.5	98	85	N 2	E 3	4	7	------
29	64.01	62	24.5	28.8	79	78	NE 3	ENE 3	10	9	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	64.02	63.04	22.7	29.4	98	75	WNW 2	ENE 4	10	8	5.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	64.03	63.03	24.4	29	97	92	NE 3	ENE 4	4	5	9.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	61.98	60.40	22.6	29	92.9	72	1.8	2.9	7	7	------	62.04	60.84	22	28.7	95	83	1.7	3	6.6	7.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	145.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100.2

Day.	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.27	60.07	21	29.5	98	83	N 1	ENE 2	4	8	------	61.28	59.57	22.5	30.5	87	72	NW 1	SE 3	3	4	------
2	61.46	59.95	23.5	29	96	89	NW 1	NE 3	10	9	1.6	61.01	58.36	21.2	30.7	95	76	NW 1	SE 3	3	7	0.5
3	60.18	59.23	21.8	30	97	77	NW 2	SE 3	9	4	.3	60.07	58.33	24.3	31.5	86	73	NE 2	ESE 3	9	7	------
4	61.01	59	21	31	98	75	NW 2	E 3	9	9	------	60.10	59.45	25.4	30.6	85	81	NE 2	SE 3	9	7	------
5	60.48	58.97	25	29.6	86	81	E 2	ESE 3	9	8	5.8	60.93	58.96	20.5	29.5	95	83	NW 1	ESE 3	9	8	4.1
6	60.10	58.98	24.2	30.4	91	79	E 2	ESE 3	7	5	7.4	60.02	58.16	22.5	30	96	81	NW 1	E 2	10	10	5.6
7	59.97	58.21	25	30.4	90	80	ENE 2	ESE 3	9	9	14.2	59.17	58.45	22.3	30.2	97	84	E 2	ESE 4	5	5	------
8	58.46	57.99	25	30.5	96	79	ESE 2	SE 3	10	7	.3	60	59	19.7	30.2	98	85	NNW 1	SE 3	5	3	------
9	58.48	57.20	22.5	30.3	97	83	E 1	SE 3	5	6	.5	60.13	58.99	20	31.5	98	82	WNW 1	ESE 4	4	5	------
10	59.59	59.03	22.3	29.6	97	82	NE 1	ESE 3	8	7	------	60.04	58.38	21.7	33.3	98	75	WNW 2	SE 4	7	6	------
11	60.27	58.98	21	31.1	96	78	NW 1	SE 3	4	4	9.9	59.37	58	23	28	98	77	E 2	NE 2	10	10	4.6
12	60.05	58.09	24.2	30.2	91	81	E 1	SE 2	3	3	------	59.01	59.01	24.2	26.4	98	94	WNW 2	E 3	10	10	62.2
13	60.02	58.39	21.5	29.3	98	83	NW 1	SE 2	2	8	------	60	59.01	26.4	26.6	92	90	E 2	ESE 4	10	10	73.4
14	60.06	59	21.6	29.2	98	81	NNW 1	ESE 3	3	7	------	61.01	59.99	24	27.7	98	91	E 1	SE 4	10	10	72.6
15	61.01	59.68	21.7	30.8	97	78	NW 1	ESE 3	4	6	------	59.95	58.96	25.8	29	93	86	SE 3	SE 3	10	10	.6
16	60.12	59.04	25	30.3	86	80	E 1	SE 3	4	4	------	59.55	57.99	25.3	30.6	94	88	E 1	ESE 2	10	7	.5
17	60.29	59.03	21.2	31.8	98	80	NW 1	ESE 3	5	8	------	60	58.93	25.8	31.5	98	69	E 1	SE 2	10	6	------
18	60.03	59.41	21.6	29.7	96	84	NW 1	SE 3	6	9	7.1	60.02	59.80	26.2	31.2	90	79	E 1	ESE 2	10	10	------
19	60.02	59.44	22.3	28.8	94	83	NNW 1	ESE 3	4	9	------	60.25	59	23	30.7	96	74	NE 1	SE 3	5	5	1.5
20	61.02	59.99	21.5	31.4	97	79	NNW 2	ESE 2	4	3	------	60.24	59.10	25.5	31	92	80	ESE 1	ESE 2	7	3	.6
21	60.03	58.95	20.4	30	98	73	NW 1	SE 2	2	3	------	60.51	59.31	25.6	27.2	95	83	E 1	ENE 3	5	9	3.8
22	59.10	58.99	19.3	31	97	69	NW 1	SE 3	3	5	------	60.85	59.34	23.5	30.6	94	74	E 1	SE 3	5	4	25.1
23	59.15	58.10	20.2	30	98	68	NW 1	ESE 3	3	5	------	59.96	58.23	25.5	31.5	92	75	E 1	E 3	8	4	3.3
24	60.09	60	21	31.4	95	70	NW 1	SE 3	7	5	------	59.03	57.54	25.8	30.6	93	74	E 2	ESE 3	6	7	3
25	61.97	60.15	19	30.8	98	72	NW 2	ESE 3	4	3	------	58.97	57.57	26.2	30.6	89	81	ENE 1	E 3	6	5	2
26	61	60	24.5	30.4	83	78	NE 2	ESE 3	4	7	3.6	59.03	58.02	26	31.5	89	70	ENE 2	E 3	9	7	1.6
27	61.99	60	20.1	31.5	99	72	NW 1	ESE 3	2	3	------	59.01	57.99	25.5	31	88	79	E 2	E 3	4	3	1.5
28	61.88	60	21.8	31.3	95	75	NW 1	SE 3	5	5	6.9	58.52	57.35	26	31.5	92	69	E 2	E 3	7	8	5.6
29	61	60.05	25.5	30	92	75	E 2	SE 3	9	4	1.8	59.04	57.19	26	32	87	79	E 2	ESE 3	6	6	.5
30	61.05	60	24.2	30.3	87	76	NE 2	E 2	3	5	------	58.97	56.86	22.7	31.4	98	83	NW 1	SE 3	6	2	------
31	61.05	59.99	24.5	31	94	68	ENE 2	ESE 3	5	7	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.39	59.22	22.4	30.3	94.6	77.8	1.4	2.8	5.4	6	------	59.87	58.56	24.1	30.3	93.4	79.6	1.5	3	7.3	6.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	59.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	272.6

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.43	56.93	22.1	30.3	98	66	NW 1	ESE 2	7	9	-----
2	58	56.67	22	32	96	-----	NNW 1	ESE 4	7	9	15.2
3	58.89	57.89	24.5	31	94	-----	E 2	E 2	10	9	3.8
4	58	56.98	23.3	32	97	-----	NW 1	ENE 2	6	7	14.2
5	56.99	54.80	26.5	26.6	90	81	NE 4	NE 6	10	10	126.5
6	55.98	56.47	25.6	28	92	88	E 7	ESE 6	10	10	1.3
7	58.03	57.76	26.5	30	92	85?	SE 5	ESE 4	10	9	-----
8	58.31	57.14	26.5	30.6	91	72	SE 4	ESE 3	9	6	-----
9	57.51	57	27.2	32	87	-----	SSE 3	SSE 3	7	6	-----
10	58.03	56.75	25.3	32.6	98	72	NW 1	SSE 3	7	7	-----
11	59.02	57.97	25	32	93	-----	NW 1	SE 2	6	6	-----
12	60	58.78	24.6	32.3	98	73	NW 1	SE 2	5	3	-----
13	59.86	58	24.8	31.6	97	-----	NNW 1	SE 2	4	1	-----
14	58.85	57.16	25	32.7	96	-----	NW 1	SSE 2	6	1	-----
15	58.46	58	27.5	32	92	-----	SE 3	SE 1	10	2	-----
16	59.19	58	24.5	32.7	97	-----	NNW 1	SE 2	3	3	-----
17	60	58.98	24.5	31.8	96	72	WNW 1	SE 2	5	7	-----
18	60.18	59.38	23	32	97	-----	NNW 1	SE 3	6	5	2.8
19	60.45	-----	25	-----	97	-----	E 2	-----	8	-----	-----
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
22	-----	57.58	-----	31.7	-----	-----	-----	ESE 4	-----	5	23.1
23	58.43	57.03	23.6	31.5	98	68	WNW 2	E 3	9	10	.6
24	58.08	57.10	23.7	28.8	96	82	WNW 2	ESE 2	10	10	20.9
25	59.04	58.81	26	29.4	92	78	NNE 1	SE 3	10	9	.8
26	59.46	58.81	26.2	31.5	92	79?	E 2	SE 3	9	5	-----
27	60	58.48	26	31.8	92	75?	E 2	SE 3	4	4	.8
28	59.56	58	23.7	31.5	97	75	N 1	SE 3	4	4	-----
29	59.15	58.43	23.4	31.5	95	74	NW 1	SE 3	3	4	-----
30	59.92	58.18	24.3	31.5	97	75	NW 1	ESE 3	5	6	1
31	59.96	58.13	24.4	33.5	97	-----	NW 1	E 3	7	7	4.6
Mean	58.85	57.69	24.8	31.2	94.8	75.9	1.9	2.9	7	6.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[a]215.6

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.32	58.03	27.5	30.5	88	82	ENE 1	ESE 3	8	7	4.9
2	58.87	57.10	24	31.4	97	79?	NW 1	SE 3	5	5	8.1
3	58.99	57	25.7	30.4	94	78	ESE 2	SE 2	10	10	.5
4	58.03	57	25.5	31.6	96	72	E 1	SE 3	6	5	-----
5	57.38	56.46	26.5	31	90	72	E 1	SE 3	9	7	1.8
6	57.80	57.11	26.5	30.8	90	74	SW 2	ESE 3	9	9	4.3
7	58.02	57	25.4	30.6	93	73	WNW 1	SE 3	8	9	18.8
8	58.13	57.89	25.7	30.4	96	73	S 3	ESE 3	10	6	13.8
9	59.38	57.56	24	31.2	96	72	WNW 2	SSE 3	4	3	-----
10	59.90	58.06	23.8	31.2	97	73	NNW 1	SE 2	6	6	2.8
11	59.98	58	24.2	31.7	97	72	NW 1	SE 2	7	4	.8
12	59.56	58.02	24	31.2	95	71	NW 1	SE 2	6	3	11.9
13	59.19	58.19	24	31.5	95	69	WNW 2	SE 3	8	8	-----
14	59.47	58	26.5	31.6	90	72	ENE 1	SE 3	7	5	-----
15	59.25	57.50	26.6	31.2	90	71	NW 1	SE 3	7	7	.5
16	58.57	57.51	25	31.6	93	70	NW 1	SE 3	4	6	-----
17	59	58	26.8	31	90	71	NW 1	SE 3	9	7	-----
18	60.06	58.95	25.6	32	95	67	NW 1	SE 3	10	4	-----
19	61.24	59.59	24.8	32.5	95	67	NW 1	SE 3	4	5	-----
20	60.82	58.94	24.2	32.6	94	68	WNW 2	SE 2	5	5	-----
21	59.96	58	24	32	95	67	WNW 2	S 3	6	7	-----
22	59.50	57.97	23.8	33.2	93	63	NW 1	SSE 2	1	3	-----
23	60	58.03	25.6	33.8	95	-----	WNW 2	S 2	7	3	.8
24	60	58.40	24.6	33	97	67	WNW 2	SSE 3	3	7	1.8
25	60.10	59.87	25	26.5	92	88	NE 1	WNW 2	9	9	64.2
26	60.12	58.48	23.3	30.3	97	74	NW 2	WNW 2	10	7	19.6
27	60	58.18	23.5	30.2	97	77	NW 1	SE 4	7	9	34.3
28	60.17	60.16	23.5	27	96	89	NNW 1	NNW 1	10	10	6.8
29	61.08	59.15	23.3	30.8	97	74	NNW 1	SE 2	7	7	-----
30	60	57.50	24	31.2	96	68	WNW 1	SE 3	2	5	.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.43	58.06	24.9	31.1	94.2	72.9	1.4	2.6	6.8	6.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	196

JULY.[b]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.16	57.89	24.5	32	97	69	WNW 1	SSE 2	7	6	1
2	59.94	58.24	24.6	31.5	97	72	NNE 1	SE 4	7	9	-----
3	59.65	58.12	24	32.5	96	67	WNW 1	ESE 4	2	6	8.9
4	59.60	57.96	25	31	93	69	N 1	S 2	10	7	1.5
5	58.58	57.44	24.3	29.7	93	79	WNW 1	SSW 1	9	10	44.7
6	58.60	57.99	24.4	31	97	73	NNW 1	SSE 2	10	8	3.8
7	58.98	57	24.7	31.5	97	72	WNW 1	SSE 2	10	4	-----
8	58.99	56.09	24	32.4	97	62	NW 1	WNW 2	5	7	15.2
9	58.53	56.09	23.4	31.7	97	71	NW 2	WNW 2	6	9	5.6
10	58.09	57	24.8	29.3	95	79	WNW 1	WNW 3	4	7	2
11	57.96	56.48	25.3	29.6	94	78	WNW 1	W 2	10	9	-----
12	58.94	57	24.2	29	97	83	WNW 2	N 1	10	10	.3
13	59	57	23.5	29.4	96	82	NW 1	S 1	3	10	4.3
14	56.48	52.71	25	29.3	97	73	NNW 1	NW 3	10	10	42.7
15	48.53	41	26	-----	89	-----	NE 6	SW 5	10	10	171
16	52	53	-----	-----	-----	-----	W 7	WNW 4	10	10	16.8
17	54.83	55.08	26.4	29.2	81	76	W 5	WNW 4	10	10	-----
18	56.03	54.98	26	31.5	84	65	W 1	W 4	10	10	-----
19	55.14	54.79	26.5	31	84	69	W 2	WSW 4	6	7	-----
20	56.02	55.09	27	31	81	62	WSW 2	WNW 5	10	9	-----
21	56	55.19	27.1	31	85	75	W 1	W 5	10	10	-----
22	55.99	54.57	26	30.5	94	74	NW 1	WNW 3	10	9	-----
23	54.99	53	26.3	30.3	84	72	WNW 3	SW 3	10	9	-----
24	55.01	54.97	26.9	28.6	89	76	W 3	SW 2	10	10	-----
25	56.82	56.01	26.2	31	85	72	NW 1	WSW 3	9	9	-----
26	57.23	56.76	26	31	94	71	NNW 1	W 2	7	9	-----
27	56.53	55.12	26.5	28.5	83	78	NW 2	WNW 3	10	10	24.9
28	54	51.97	25	26.7	92	83	WNW 5	WNW 4	10	10	22.6
29	52.59	53	24.9	27.4	88	84	W 4	SW 5	10	10	6.9
30	54.93	55	26.4	29.5	86	71	SW 1	W 3	10	10	.8
31	56.21	55.54	26	31	84	67	W 1	W 3	5	6	-----
Mean	56.62	55.23	25.4	30.3	90.9	73.2	2	3	8.4	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	373

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.83	54.98	26.2	31	85	67	WNW 1	W 3	6	10	10.7
2	56.62	55	25.3	30.4	87	70	NW 1	WNW 4	10	9	-----
3	66.63	55.73	24.5	31.6	92	61	NNW 1	WNW 3	7	5	-----
4	56.33	55.30	24.4	30.5	90	82	NW 2	W 4	7	10	-----
5	56.01	55.20	25.6	29.7	91	73	WNW 2	W 3	10	9	.3
6	56.19	55.47	25.6	28.3	93	85	NW 1	W 3	10	10	.3
7	56.99	56	26.1	29.8	89	71	W 2	W 3	10	7	-----
8	57.53	56.12	26	32.4	92	64	WNW 1	WNW 2	9	6	-----
9	57.97	56.47	25.5	32.6	96	62	NW 2	W 4	4	7	-----
10	57.46	56.03	26.5	30.7	86	71	NW 3	WSW 2	10	10	-----
11	57.11	56.29	24.7	30.4	94	70	WNW 1	W 2	9	10	-----
12	56.97	55.03	24	32.3	95	55	WNW 1	W 2	5	9	-----
13	56.17	54.99	24.5	30.5	91	65	NW 1	NW 3	7	10	51.1
14	55.43	54.09	24.2	25.7	93	84	WNW 3	WNW 4	10	10	7.4
15	53.24	51.82	24.6	27.5	92	81	WNW 3	W 4	10	10	4.6
16	54.02	55.85	26.5	29.2	80	78	WSW 3	S 4	10	10	-----
17	58.91	57.53	26.4?	31.8	89	70	ESE 3	SSE 3	10	7	-----
18	58.63	57.58	23	30	97	78	NW 1	SSW 3	7	7	4.2
19	56.92	55.14	24	30.3	96	76	NW 1	ESE 3	9	7	103.9
20	56.74	55.48	23.8	30.5	97	74	NNW 1	SSW 2	10	9	.3
21	56.38	55.39	24.6	31	95	63	W 1	W 3	9	5	-----
22	56.13	55.28	24	31.5	96	63	WNW 1	W 3	4	6	9.9
23	56.23	55.91	24.6	29.2	92	72	NW 1	W 3	10	10	-----
24	56.88	55.96	25.4	30.7	92	70	NW 2	W 3	9	10	-----
25	57.92	57.04	24.5	31	92	62	NW 1	W 4	7	6	-----
26	57.96	56.42	25	31	92	67	WNW 1	W 3	6	8	-----
27	55.66	54.09	25.5	27.6	89	87	NW 1	W 3	8	9	1.1
28	54.73	54.34	25.5	28.6	88	71	W 2	SW 4	10	9	-----
29	56.83	56.77	25.2	31.2	90	64	NW 2	W 3	10	8	-----
30	57.51	56.91	25.5	30.3	86	90	WNW 2	SSE 3	9	10	2
31	57.18	55.69	24.4	29	97	79	WNW 1	SSE 1	10	10	-----
Mean	56.62	55.61	25	30.2	91.4	71.8	1.6	3	8.5	8.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	195.8

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[a] 28 days of observation.

[b] The barometric readings for July 15, 2 p. m. and 16, 6 a. m. were taken from a self-registering apparatus.

VIRAC.

[$\phi = 13° 35'$ N; $\lambda = 124° 14'$ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	54.75	53.47	24.2	29.5	95	89	WNW 1	WNW 2	10	10	52.6
2	51.51	50.20	25.2	25.5	98	92	WNW 2	WNW 4	10	10	100.6
3	50.08	50.45	26	28.6	87	73	SW 5	W 4	10	10	1.6
4	53.65	53.52	26.1	29	86	85	SW 5	SSW 5	10	10	3.3
5	56.83	56.14	26.7	30.5	94	65	WSW 3	WSW 4	10	6	------
6	57.21	56.78	24	31.3	96	64	NW 1	WSW 2	6	4	------
7	57.78	56.53	24.3	31.2	89	66	NW 1	WNW 2	3	10	------
8	57.42	55.62	24	31.7	96	74	WNW 1	WNW 3	10	9	------
9	56.28	54.65	26.2	29.7	95	75	NW 1	W 3	10	10	------
10	54.74	54.04	26.1	28.5	87	75	WNW 2	W 3	10	10	------
11	55.39	55.42	26	31.3	90	66	W 1	W 3	10	10	------
12	57.86	57.36	24.3	31.8	96	71	WNW 1	S 2	8	5	------
13	58.97	57.66	23.5	27.5	97	85	NW 1	E 1	2	9	3
14	58.54	58.14	22.5	25	97	95	NW 1	SE 3	4	10	44.2
15	57.07	55.87	24.6	30	95	71	NW 1	W 3	10	10	------
16	56.93	56.27	26.8	31.1	83	66	W 2	W 3	10	9	------
17	58.72	57.85	23.8	31.5	97	70	NW 1	SSE 2	5	5	------
18	59.39	57.53	24.2	31.5	97	73	NW 1	S 2	10	9	------
19	59.61	57.98	23.2	28.8	97	79	NNW 1	NW 2	7	9	4.8
20	58.81	56.79	24.5	29.5	97	78	NW 1	WSW 2	9	9	1.8
21	57.63	55.91	22	29.7	96	70	NNW 1	S 1	3	7	.3
22	58.05	57.48	23.2	30.5	96	72	WNW 1	SSE 2	6	8	.3
23	59.48	58.75	23.2	29.7	98	77	WNW 1	ESE 2	3	7	10.1
24	59.15	57.74	22.7	30.3	97	74	N 1	SE 3	7	8	------
25	58.58	57.93	23.8	31	98	69	NW 1	SSE 3	6	7	1
26	58.89	57.66	24.2	31.2	97	69	WNW 1	SSE 3	4	4	------
27	59.54	58.77	23	31.7	98	62	NW 1	SE 3	2	4	1.5
28	58.89	57.42	23	27.8	97	82	N 1	NW 2	4	7	9.4
29	58.36	57.39	24.6	27	96	88	W 2	NE 1	10	10	10.9
30	57.74	57.11	22.8	27.9	97	84	NW 1	N 2	3	10	5.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.26	56.28	24.3	29.7	94.6	75.3	1.5	2.6	7.1	8.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	250.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.05	57.04	22.8	29.5	95	78	NW 1	ENE 2	2	6	9.7
2	57.93	56.75	23.2	26.7	97	90	NW 1	E 2	3	10	14.8
3	58.20	56.89	23.1	29	97	83	NNW 1	NNE 2	4	6	5.8
4	58.87	57.43	23.5	26.6	97	91	NW 1	NW 2	6	10	23.6
5	58.32	56.96	22.6	27.4	97	85	WNW 1	E 2	7	9	1
6	57.75	56.91	22.5	29.5	96	75	NNW 2	SE 2	4	7	------
7	58.38	57.82	22.5	26.2	97	89	NW 2	NE 1	3	10	7.9
8	58.55	57.02	23	29.5	96	75	NW 2	WNW 2	5	9	.2
9	56.80	55.28	24.5	26.2	95	90	WNW 1	SSW 2	10	10	6.9
10	55.23	53.88	23.8	26.6	97	91	NNW 1	WNW 2	10	10	11.4
11	52.51	49.84	26?	26.3	87?	86	WSW 2	SSW 4	10	10	122.9
12	48.82	50.81	23.6	25	95	88	WSW 6	W 6	10	10	59.2
13	52.65	52.13	26?	27.5	84?	79	SW 4	SW 3	10	10	18
14	53.59	52	25.5	28.7	91	76	W 3	WSW 3	10	10	.8
15	52.96	53.81	27	30	78	74	W 3	W 3	10	10	3.5
16	57.09	57.05	24.6	30.2	95	70	NNW 1	WNW 2	10	10	11.9
17	58.09	57.18	23.5	30.6	97	72	NNW 1	SSW 3	9	7	.5
18	59.34	58.13	24.5	28.6	96	65	NNW 1	N 3	9	10	1.5
19	59.96	59.07	24.4	25.8	93	89	WNW 1	E 1	7	10	15
20	60.17	58.52	23	30.6	95	70	NNW 1	W 2	6	7	------
21	60.02	57.94	22.6	30.6	97	70	NNE 1	S 2	5	9	.8
22	58.69	56.23	23	29	97	72	NW 1	NW 3	7	9	12.2
23	57.55	56.49	24.3	30	96	67	NW 2	NW 3	9	9	.8
24	58.54	58.64	26?	30	95?	56	N 4	NW 2	7	5	------
25	60.59	59.37	21.8	28.8	98	61	NW 1	NNE 2	6	10	------
26	59.88	58.10	20.5	25.7	95	86	NW 1	NW 2	4	9	2.5
27	59.51	58.21	20.8	28	96	77	NW 1	SE 2	2	9	1.8
28	60.21	59.05	23.6	28.6	95	76	SE 1	SE 3	10	8	21.8
29	60.22	58.86	25	29.5	93	76	ESE 1	SSW 2	10	9	.8
30	60.31	58.66	24	30.4	95	73	E 1	SE 3	7	3	3.6
31	59.40	59.01	26.5	27.5	88	81	E 3	E 2	10	10	30.5
Mean	57.68	56.62	23.8	28.3	94.2	77.8	1.7	2.4	7.2	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	389.4

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.36	58.87	23	28.5	96	77	N 1	E 2	10	10	1.3
2	59.93	58.86	23.5	30.5	96	72	NW 2	ESE 3	5	5	10.9
3	60.33	58.73	23.1	30.8	96	69	NW 2	E 3	4	5	9.9
4	60.29	59.23	25	25.7	93	94	NW 2	E 1	10	9	47.3
5	60.50	58.81	23.8	26.1	95	86	WNW 1	E 1	10	10	19.8
6	60.18	58.65	23.2	29.6	95	81	NW 1	E 3	4	6	4.8
7	61.22	59.50	26.4	30.4	90	72	E 2	E 3	8	5	4.9
8	60.50	59.35	27.1	28	83	80	E 2	E 3	8	10	11.2
9	60.32	58.81	26.1	29.2	83	74	E 3	E 3	7	7	11.4
10	60.07	58.65	24	30.8	90	63	NW 1	E 3	4	4	5.3
11	60.02	58.73	24.1	31	96	62	NW 1	E 3	10	6	15.5
12	60.47	59.43	23	30.8	91	69	NNW 2	ESE 3	3	7	------
13	60.65	59.40	22.6	29.5	89	58	NNE 1	NE 3	9	4	------
14	60.28	58.45	20.8	28.3	83	55	N 1	N 6	4	7	1.3
15	59.87	59.39	23.5	29	85	63	NW 1	NE 3	5	6	------
16	60.67	59.52	25	28.2	76	66	WSW 3	NW 3	6	7	------
17	60.60	59.02	23	29.5	87	66	NW 1	N 2	6	7	------
18	61.92	60.49	23.3	29.2	93	66	NW 1	NE 2	7	9	5.8
19	61.09	60.70	25.6	28.8	87	79	E 3	ESE 3	10	7	16
20	61.72	60.65	24.6	32	91	63	E 2	E 3	6	6	.5
21	61.32	59.69	23	26.5	91	90	NW 2	NE 3	5	10	18.6
22	60.32	59.60	25.1	29.5	87	77	ENE 2	NE 3	6	9	38.4
23	60.96	61.78	25.5	22.5	88	96	NE 3	NNE 2	10	10	54.1
24	61.73	61.06	24.5	27	81	80	W 2	ENE 3	7	9	------
25	61.91	60.22	22.1	27.2	88	81	NW 1	SSW 1	6	9	.5
26	59.35	57.51	25	26.7	96	86	N 3	SE 2	3	10	74.2
27	56.61	57.19	25.6	29.2	92	76	SSE 4	SE 3	10	7	2.8
28	59.19	57.76	22.6	30	97	70	NW 1	SE 3	5	5	1.5
29	59.12	58.21	23.6	28	97	79	NW 1	SE 3	5	7	76.4
30	59.55	59.06	24.3	25.5	93	92	E 1	NW 2	10	10	3.9
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.37	59.24	24.1	28.6	90.2	74.7	1.8	2.7	6.8	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	436.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.01	58.90	22.3	29	96	72	NNW 1	S 2	4	7	0.8
2	60.03	59.59	20.6	30.5	96	65	N 1	SSW 3	3	6	------
3	61.03	60.95	21.4	29	96	68	NW 1	E 3	3	6	2.3
4	62.34	61.49	21.7	30.7	96	55	NNW 2	E 2	4	4	1.3
5	62.40	61.48	25.4	28.5	80	75	E 3	E 3	5	6	1.8
6	62.37	61.04	23	30.6	87	76	E 1	E 3	4	6	2
7	61.38	60.28	25.2	30.3	80	63	E 2	ESE 3	6	5	.8
8	60.80	59.35	26.3	28.8	78	69	E 3	ESE 4	7	7	5.6
9	60.91	59.96	25.5	28.5	75	71	E 2	E 3	5	7	2.1
10	61.21	60.24	25.5	28	77	73	E 2	E 3	5	5	7.1
11	60.54	59.32	25.8	30.5	85	68	E 3	ESE 3	10	6	2.6
12	60.10	58.60	22.5	30	89	71	NW 2	E 2	7	7	5.9
13	59.91	59.36	25.5	27	91	77	E 2	NE 2	7	9	25.9
14	59.71	58.79	25.5	25.7	92	86	ENE 2	E 2	10	10	17.6
15	59.33	58.19	24	29.3	95	72	NW 1	SE 3	10	7	16
16	60.74	59.15	24.7	30	89	71	E 2	ESE 3	9	5	1.8
17	59.96	59.72	23.8	24.8	93	90	NW 1	E 2	10	10	38.6
18	60.30	60.17	22.4	25.2	96	92	NW 1	N 1	7	10	36.1
19	62.03	60.71	23.3	26.5	96	84	E 2	E 2	10	10	36.3
20	62.46	61.20	25	27.5	83	76	E 2	E 3	7	7	4.5
21	61.65	60.15	25.5?	25.9	88?	86	E 2	E 3	8	9	11.9
22	59.97	58.49	24.5	26	96	88	NE 1	E 3	9	10	8.2
23	60.16	58.81	22	29	96	72	NW 1	S 2	9	9	2
24	60.05	57.58	23.3	26	93	82	NW 1	NE 1	10	10	8.6
25	57.63	56.12	24	29.2	97	79	N 1	WNW 2	10	10	1.6
26	57.94	57.06	25	28	97	89	WNW 2	WNW 3	10	10	5.8
27	58.97	57.96	24.5	29	94	68	SE 2	NW 2	10	10	.3
28	60.46	60.03	24.8	27.6	74	62	E 2	NNE 3	7	7	------
29	61.91	60.95	23.1	24.5	96	91	NNE 1	E 4	10	10	31.5
30	61.96	61.82	24.5	26.3	96	88	E 3	ESE 3	10	10	57.4
31	63.76	62.51	22	26.2	96	75	N 1	N 2	8	9	8.4
Mean	60.71	59.68	24	28	90.1	75.9	1.7	2.6	7.5	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	344.8

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, −1.75 mm.]

Day.	JANUARY.[a]											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.63	59.27	22.6	28.4	99	82	N 1	NE 2	8	9	27.2	64.66	64.05	22.2	29	95	55	N 1	NNE 5	9	8	------
2	60.31	58.33	22.1	26	99	82	Calm	SE 3	9	9	8.7	64.25	62.69	22.1	27	90	74	NE 3	NNE 5	9	8	------
3	59.66	58.49	21.3	28.5	97	78	S 1	NNW 3	8	9	5.3	62.05	61.25	22.2	29.2	93	63	N 2	NNE 4	7	8	------
4	60.42	60.45	23	27.2	98	87	NNW 1	N 2	9	10	6.4	61.60	60.25	21.7	28.6	97	65	N 2	N 5	7	8	------
5	60.76	59.24	24	27.5	95	81	NNE 2	NNE 5	10	8	------	61.48	61.04	22.6	26	93	84	Calm	NE 3	9	10	4
6	59.93	58.54	19.3	29	99	65	Calm	N 4	9	10	------	61.71	61.57	23.2	25.2	98	90	Calm	NNW 1	5	10	2
7	59.70	58.28	23.9	29	92	72	N 2	N 4	10	9	1	62.05	60.76	21.6	30.5	96	62	Calm	NNE 4	8	8	------
8	59.94	58.70	22.2	28.2	98	79	Calm	N 4	8	9	.8	61.33	60.38	23.2?	29.2	98?	64	Calm	NNW 3	3	9	6.6
9	59.84	58.53	23.4	27.5	98	84	Calm	NE 3	10	10	.4	62.07	60.67	20	29.6	99	63	Calm	NNW 3	10	9	------
10	59.45	58.04	23.3	28.5	97	78	Calm	NNE 2	10	9	------	61.82	60.61	19.2	31.6	98	53	Calm	N 3	6	7	------
11	59.96	58.88	21.4	29.8	97	71	Calm	NNW 3	6	8	------	61.80	61.18	21	30.6	98	63	Calm	NNE 4	5	8	.5
12	61.22	59.23	22	28	99	77	Calm	N 2	10	8	------	63.86	62.41	21.8	26.5	93	73	N 6	NNW 6	10	9	------
13	61.55	59.84	22	30.2	96	66	Calm	N 1	9	8	------	63.10	61.98	22.2	28	82	62	NNW 4	NNW 3	7	9	------
14	------	------	------	------	------	------	------	------	------	------	------	63.56	62.56	20.6	30.5	98	51	Calm	NNW 5	8	9	------
15	------	------	------	------	------	------	------	------	------	------	------	64	62.37	19.2	30.2	98	58	Calm	NNW 5	3	7	------
16	------	------	------	------	------	------	------	------	------	------	------	65.09	63.09	22.5?	29.9	99?	56	Calm	WNW 4	10	7	------
17	------	------	------	------	------	------	------	------	------	------	------	63.27	61.67	17.2	30	98	55	NE 1	N 3	5	8	------
18	------	------	------	------	------	------	------	------	------	------	------	61.95	60.83	20.4	28.2	96	69	Calm	NNW 2	3	8	------
19	------	------	------	------	------	------	------	------	------	------	------	60.71	60.08	17.8	30.5	98	60	Calm	N 5	7	8	------
20	------	------	------	------	------	------	------	------	------	------	------	60.35	59.49	22	25.4	96	88	Calm	N 3	10	10	2.6
21	------	------	------	------	------	------	------	------	------	------	------	60.42	58.82	23	31	98	67	Calm	WNW 2	8	8	------
22	------	------	------	29.2	------	63	------	NNW 5	------	8	------	59.45	58.68	20.9	27.6	97	83	E 1	W 1	8	9	1
23	------	------	20	28.5	96	68	Calm	N 5	5	8	------	59.95	57.99	21	31.2	98	60	Calm	NNW 2	10	8	------
24	62.68	61.23	22.2	27.7	98	81	Calm	NNW 5	9	9	1	59.88	59.37	19	30	99	62	Calm	NW 5	3	8	------
25	63.82	63.03	22	25.2	96	86	NNW 1	NNE 6	8	9	9.4	60.96	59.82	23.4	31	95	64	SE 1	NW 5	8	9	------
26	64.20	63.04	23	26.2	91	84	N 2	NE 5	8	8	2.6	60.32	59.33	18.9	29.8	97	58	Calm	NW 5	3	8	------
27	64.56	63.21	22	27.8	88	53	N 4	NE 6	9	8	------	60.22	58.50	18	29	100	60	Calm	NW 5	3	9	------
28	64.57	63.18	21	28	88	60	NNE 3	N 6	8	8	------	59.78	------	21.2	------	98	------	Calm	------	3	------	------
29	63.65	62.20	22.3	29	88	57	N 2	N 6	5	8	------	------	------	------	------	------	------	------	------	------	------	------
30	63.97	63.54	24.4	28.2	85	86	NNE 5	N 6	10	9	1.8	------	------	------	------	------	------	------	------	------	------	------
31	64.41	63.24	23	28.3	84	72	N 4	NNE 7	8	8	1.8	------	------	------	------	------	------	------	------	------	------	------
Mean	61.68	60.40	22.3	28.1	94.5	74.4	1.3	4.1	8.5	8.7	------	61.85	60.79	21	29.1	96.2	65.3	0.8	3.7	6.7	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	[b]66.4	------	------	------	------	------	------	------	------	------	------	16.7

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	------	------	------	------	------	------	------	------	------	------	------	61.11	59.36	18.8	31.5	94	54	ENE 1	NNW 5	2	9	------
2	------	------	------	------	------	------	------	------	------	------	------	60.77	58.33	17.3	29.8	97	60	NE 1	NNW 5	5	9	------
3	------	------	------	------	------	------	------	------	------	------	------	59.85	58.12	20.5	32.2	95	45	Calm	NW 5	9	8	------
4	------	------	------	------	------	------	------	------	------	------	------	60.09	59.14	18	31.8	96	53	Calm	NNW 6	7	8	------
5	------	------	------	------	------	------	------	------	------	------	------	60.67	58.78	18.8	31	89	52	Calm	NNW 5	6	8	------
6	------	------	------	------	------	------	------	------	------	------	------	60	58.28	21	29	93	64	ESE 1	NW 1	10	9	------
7	------	------	------	------	------	------	------	------	------	------	------	58.90	57.85	20.8	31.5	95	60	Calm	NNW 3	8	9	------
8	------	------	------	------	------	------	------	------	------	------	------	59.30	58.63	20.8	33.8	96	44	NE 1	NNW 3	8	8	------
9	57.97	56.62	20.6	31.7	99	63	Calm	WNW 1	10	9	------	60.16	58.77	17.3	31	97	55	Calm	NNW 4	4	8	------
10	58.65	58.44	20	31.8	99	61	Calm	N 2	10	8	------	60.13	58.23	20.5	32.2	95	55	Calm	NNW 5	7	7	------
11	59.98	58.65	20.2	30	98	66	Calm	NNW 3	10	9	0.1	59.61	58.07	20	30	94	69	Calm	NNW 4	7	8	------
12	59.80	57.68	23	31.8	97	56	Calm	WNW 1	9	8	------	59.34	58.55	23.2	26.3	96	82	Calm	E 5	9	9	2.4
13	59.36	57.98	20.9	31.4	97	60	Calm	NNW 4	3	7	------	59.95	58.94	23.8	25.3	95	93	N 1	ESE 2	10	10	8.3
14	59.92	58.67	20.2	31	98	61	Calm	NNW 5	5	7	------	59.85	59.55	23	25.2	98	88	Calm	SW 1	10	10	1.7
15	60.76	59.32	19.4	30.7	98	63	Calm	NNW 2	3	8	------	59.54	58.15	21.8	29	98	74	Calm	ENE 1	10	9	7.5
16	60.27	58.58	19.5	31.5	97	53	Calm	NNW 4	3	8	------	59.14	57.77	22.6	30.2	96	68	Calm	SSW 2	10	10	------
17	60.31	58.40	18.8	30.6	97	64	Calm	NNW 4	4	9	------	59.44	58.02	23.4	31.5	98	64	Calm	W 2	9	9	30.2
18	60.20	58.43	19	32.2	98	48	Calm	ESE 3	2	9	------	59.77	59.24	22.4	27.8	98	79	E 1	Calm	9	9	3.8
19	59.68	58.28	20	33.5	96	38	Calm	SE 4	4	8	------	59.89	58.39	22.5	31	98	65	ESE 1	N 5	7	8	------
20	60.15	59.21	20	31.9	96	44	Calm	S 4	6	7	------	60.31	58.83	22	31.7	98	64	Calm	NNW 4	7	8	------
21	59.41	57.76	17.8	33	94	46	Calm	NW 1	3	8	------	60.31	58.87	21.5	33.6	96	42	Calm	SE 5	4	8	------
22	58.71	58.17	18	33	96	47	SE 1	NNW 4	5	7	------	60.38	58.96	21.4	33.2	95	46	Calm	ESE 5	4	6	------
23	58.61	57.83	18	31.4	95	57	Calm	N 5	8	8	------	59.55	57.81	22	32.8	96	57	ESE 1	S 4	8	7	------
24	60.16	59.49	17.4	32.5	96	51	Calm	NNW 4	2	8	------	58.75	57.06	21.5	33.7	95	56	Calm	E 5	7	7	------
25	61.51	60.13	16.4	31.3	96	50	Calm	NNW 4	2	8	------	58.74	57.16	21.3	32.2	98	57	Calm	E 6	5	7	------
26	60.96	59.57	17.5	31.4	97	55	Calm	NNW 5	3	8	------	59.15	57.82	20.8	31	96	72	NE 1	NW 2	6	9	------
27	61.62	59.56	18.5	30.5	97	58	Calm	NW 2	3	8	------	58.90	57.91	21	32.2	96	61	NW 1	NNW 5	7	8	------
28	61.76	60.84	17.5	29.6	95	64	Calm	NNW 3	5	9	2.7	58.59	57.53	20.7	27	98	53	NNE 1	N 2	4	10	1.1
29	61.56	60.15	23	29	97	68	SE 2	W 2	10	10	.1	58.89	56.94	21.5	29.2	97	71	Calm	NNW 2	8	8	.1
30	61.43	60.22	19.2	31	98	57	ENE 1	NNW 5	6	9	------	58.39	56.51	21.3	32.9	98	57	Calm	WNW 3	4	8	------
31	60.77	59.43	21	32.5	97	49	NE 1	ESE 6	8	8	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.15	58.84	19.4	31.4	96.9	55.6	0.2	3.4	5.4	8.2	------	59.65	58.25	21	30.7	96	62	0.4	3.6	7	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	[b]2.9	------	------	------	------	------	------	------	------	------	------	55.1

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[a] This station was temporarily closed from January 14 to 21 and from March 1 to 8.

[b] 23 days of observation.

NUEVA CACERES.

[$\phi=13^\circ\ 37'$ N; $\lambda=123^\circ\ 11'$ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.13	56.62	21	32.5	98	60	Calm	WNW 4	4	8	0.5	59.09	57.66	23.6	31.5	95	69	Calm	S 1	8	8	3.7
2	57.77	56.81	22	32	96	58	Calm	NNW 5	9	9	4.1	59.03	57.29	22.5	29.2	97	76	Calm	N 2	3	8	------
3	58.66	58.09	24.2	29.6	97	77	Calm	NNW 4	10	10	------	58.38	56.44	23.2	30.6	97	71	Calm	N 2	9	10	------
4	58.05	56.78	24.6	31.2	92	64	NW 2	NNW 5	5	8	2.5	57.72	56.47	23.5	28.4	96	86	Calm	Calm	6	10	15.5
5	57.63	55.02	24	25.8	95	83	Calm	N 6	10	10	13.1	57.44	55.54	23.2	28.4	97	86	Calm	WNW 2	8	10	7.1
6	53.27	54.77	27	26.6	70	92	ENE 7	S 2	10	10	5	57.80	56.88	24.5	30.7	96	74	Calm	SSW 1	10	9	------
7	57.02	56.51	24.2	30.6	91	68	SE 2	SSE 2	10	10	1.3	58.16	56.64	23.8	33.7	97	60	Calm	W 1	8	8	------
8	57.86	56.41	24	31.8	95	55	SE 2	SSW 4	8	9	------	58.39	57.53	23.6	30.1	97	73	Calm	W 1	8	9	17.9
9	57.20	56.75	24.6	31.8	95	61	SSE 2	SSW 5	8	9	------	59.72	57.26	22	32	99	64	Calm	SW 2	3	9	------
10	57.77	56.80	25	32	93	59	SE 1	SSW 4	9	8	------	59.56	57.48	23.4	29	97	81	Calm	NNW 1	4	8	------
11	58.87	58.11	24.7	32.5	94	60	SE 1	SSW 4	8	8	------	59.60	57.52	22.8	32.6	98	65	Calm	SSW 1	9	10	------
12	59.94	58.20	23.5	34	96	56	SSE 1	SSW 4	9	8	------	59.66	57.56	23.2	32.2	95	63	Calm	NE 2	7	8	------
13	59.73	57.35	24	35	98	51	S 1	SSW 2	3	6	------	59.56	58.10	23	27.4	97	86	Calm	ENE 2	4	9	5
14	58.53	56.66	24.5	33.7	96	57	SE 1	SW 3	3	8	------	59.82	57.15	23.2	32.6	98	65	Calm	S 2	5	9	4.2
15	58.47	57.60	23.9	33.8	97	55	SE 1	SSW 3	2	7	------	59.68	57.37	24.5	27	96	89	Calm	W 1	8	10	16.5
16	59.49	57.83	24.2	33.9	97	54	SE 1	SW 4	4	6	------	58.58	57.07	23.8	32	97	70	SSE 1	WSW 1	8	9	13.8
17	60.37	58.43	23.5	33.2	96	58	SE 1	NNW 2	3	8	5.6	58.68	57.70	24.1	31.5	99	66	SE 1	SSW 2	9	9	------
18	60.35	58.68	22.8	32.6	97	54	Calm	NW 2	7	8	------	60.06	58.38	23.3	30.8	99	73	ESE 1	SW 1	7	8	------
19	60.75	58.83	22	29	94	78	E 1	S 1	8	8	3.3	60.94	60	24	25.5	97	88	ESE 1	S 2	8	10	2.3
20	59.76	58.38	22.8	35	97	41	Calm	ENE 2	7	8	------	60.97	58.57	23	32.5	98	62	Calm	NNE 3	5	8	32
21	59.07	58.26	20.8	32.4	96	60	Calm	SSW 1	2	8	------	60.07	57.94	23.8	33.8	98	54	Calm	SW 1	6	9	1.1
22	59.08	57.62	20.8	30	96	71	ENE 1	NNW 2	3	9	------	59.41	57.74	24	33	97	57	SE 1	SSW 3	6	7	------
23	58.31	57.08	23.2	31	97	67	Calm	NNW 2	10	9	------	60.11	58.38	24.2	33	95	62	SE 1	SW 4	5	8	------
24	58.22	57.41	22.5	25.8	96	87	Calm	SSW 2	8	10	7.4	59.90	58.76	24	22.8	97	98	Calm	SW 1	3	9	18.9
25	59.18	58.32	23.1	28.9	97	78	Calm	NW 1	9	9	------	60.46	58.96	23	27	98	81	ESE 1	S 1	9	10	.5
26	59.76	59.13	22.6	24.4	98	93	Calm	WNW 1	8	10	5.6	60.02	58.85	22	26	98	84	Calm	N 1	8	9	.5
27	60.06	58.35	23	28	98	89	Calm	SE 1	8	9	22.8	59.54	57.97	22.7	29.6	97	77	SE 1	Calm	8	9	6.6
28	59.25	57.26	21.1	32.7	98	58	Calm	SSE 2	7	8	------	60.26	59.55	22.8	24.8	98	93	Calm	Calm	9	10	4.6
29	58.75	57.50	21.8	34.2	98	45	Calm	ESE 1	3	7	------	61.21	59.09	22	31.5	98	69	Calm	N 1	8	9	------
30	59.82	58.22	21	31.4	96	63	Calm	N 4	5	8	------	59.55	57.69	23.1	25.8	99	93	SE 1	SW 3	3	10	62.2
31	60.29	57.74	23.4	33	97	61	Calm	N 4	9	9	------	------	------	------	------	------	------	------	------	------	------	------
Mean	58.76	57.47	23.2	31.2	95.2	64.9	0.8	2.9	6.7	8.5	------	59.45	57.78	23.3	29.8	97.2	74.5	0.3	1.5	6.7	9	------
Total	------	------	------	------	------	------	------	------	------	------	71.2	------	------	------	------	------	------	------	------	------	------	212.4

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.08	57.90	22.8	29	98	83	Calm	E 1	8	9	------	56.33	55.94	25	29	93	76	SE 1	SW 1	8	9	40.4
2	59.54	58.83	24	33	97	63	Calm	N 1	8	9	------	57.31	56.45	24.5	27.2	97	84	SSE 1	E 1	10	10	2.9
3	59.60	58.73	23.5	25.6	97	90	Calm	NNE 1	5	9	6	57.56	57.18	24.5	30.5	96	68	Calm	S 2	9	8	------
4	59.12	58.05	23.8	30.1	98	77	Calm	NNW 2	8	9	.1	57.48	56.49	24.6	29.6	95	72	SE 1	SSW 2	10	10	2.5
5	58.17	57.62	23	27	98	92	Calm	NNE 2	8	10	9.9	56.53	56.08	24.5	28.5	91	78	SE 1	S 1	8	9	------
6	58.51	57.90	24.3	30.5	97	78	Calm	NNW 2	9	9	------	56.50	56.67	25	25.5	92	88	SE 1	SW 2	8	10	37.7
7	58.68	57.68	23	27.2	97	89	ESE 1	E 1	8	9	------	56.62	56.52	25.5	29.4	93	74	SSE 1	SSW 4	10	10	1.3
8	58.54	56.60	23.4	32.2	99	70	Calm	S 2	9	8	27.4	57.82	57.19	25.5	31	94	67	S 1	SSW 3	10	8	------
9	58.08	56.16	22.8	32.5	97	68	SE 1	S 2	8	9	------	57.82	57.59	25.9	31.6	88	62	SSW 1	SSW 4	7	9	------
10	58.20	56.77	24	32	97	70	ESE 2	SSE 2	10	9	11.2	57.69	56.71	26	31.5	90	63	Calm	SSW 3	9	9	------
11	57.56	57.15	24.6	29	97	83	SE 1	S 2	9	9	1.7	57.04	55.99	25	30.9	95	70	Calm	SSW 2	10	10	------
12	58.65	57.36	23.8	28.6	98	85	Calm	SSW 1	10	10	1.8	56.62	55.90	24.4	31.7	93	64	SE 1	SW 2	9	8	3
13	58.57	56.93	23.3	27.7	98	91	Calm	N 1	7	8	4.3	56.91	55.74	23.2	30.2	98	73	SE 1	S 1	8	8	10.8
14	56.67	53.37	24.9	26.9	98	94	Calm	N 1	9	10	75	56.83	54.97	24.6	27.2	97	86	Calm	WSW 1	10	10	1.3
15	51.04	46.48	24.3	26.4	97	91	NW 1	NNW 5	10	10	138 ?	54.20	52.46	24.9	29.2	92	76	Calm	SSW 2	10	10	4
16	51.69	52.72	23.2	26.2	98	87	SW 7	SW 4	10	10	19.6?	54.26	56.13	25.4	24.2	88	91	S 1	S 2	10	10	32.5
17	54.10	54.87	26.5?	29.6	86 ?	81	SW 5	SSW 4	10	9	14.8	58.78	58.38	23.4	29.8	97	77	SE 1	Calm	10	10	------
18	55.75	55.60	26	25.8	92	97	SSW 5	SSW 7	10	10	1.7	59.40	57.75	23	31.6	98	72	Calm	NNW 3	8	8	18
19	55.31	55.36	26.8	31.2	87	77	SW 2	SSW 4	8	9	------	57.67	55.82	24.7	31	97	75	Calm	N 2	9	9	4.1
20	56.37	56.12	27	31.6	87	72	SSW 3	SSW 4	10	9	------	56.86	56.05	25.1	30	98	70	S 1	S 2	10	9	14.2
21	56.57	56.12	26.9	30.5	89	79	SSW 1	SW 5	9	9	36.1	56.82	55.93	24	30.4	97	70	ESE 1	SSW 2	9	8	------
22	55.57	54.48	25.2	30.6	88	77	SSW 1	SSW 2	9	9	4.8	56.72	56	24	32.2	97	63	Calm	SSW 2	6	8	2.5
23	54.22	52.97	25	31	97	76	SSW 2	SSW 3	9	9	.1	56.80	56.26	24.5	30	96	73	Calm	SSW 2	8	9	------
24	54.08	54	26	29.4	94	82	SSW 2	SSW 3	10	10	1.5	57.47	56.52	24.5	31.4	96	66	S 1	SSW 3	8	8	21.3
25	56.33	55.87	26.4	31.9	89	76	SSW 4	S 5	10	10	------	58.70	57.83	24.8	31	95	68	Calm	WNW 2	10	9	4.8
26	57.38	56.88	26	31.2	92	64	S 1	SSW 3	8	9	------	57.95	57.02	24.5	30.5	96	66	Calm	SSW 3	8	9	.5
27	56.98	55.18	25	30.6	97	69	Calm	SSW 1	8	9	14.6	55.37	54.02	25.4	29.4	88	74	S 1	SSW 3	9	9	4.3
28	53.82	52.84	24.4	26.4	97	87	SSW 1	SW 2	10	10	13.5	54.53	54.30	24.2	27.6	97	80	ESE 1	SSW 3	10	10	4
29	51.94	52.03	26.3?	27.2	82 ?	77	SSW 5	SSW 6	10	10	14.1	56.86	57.56	24.8	28	93	88	Calm	SSW 2	10	10	10.3
30	54.88	55.92	23.6	29.8	98	70	SSW 5	SSW 5	10	10	5.7	58.34	57.06	23.6	31.8	95	61	ESE 1	SSW 2	8	9	2.5
31	56.71	56.23	25	31	92	67	SE 1	SSW 4	10	8	------	57.72	56.32	23.4	29.9	98	72	Calm	WNW 1	8	9	21.3
Mean	56.51	55.64	24.7	29.4	94.5	79.4	1.6	2.8	8.9	9.3	------	57.02	56.28	24.6	29.7	94.5	73.1	0.6	2.1	8.9	9.1	------
Total	------	------	------	------	------	------	------	------	------	------	401.9	------	------	------	------	------	------	------	------	------	------	244.2

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, −1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p.m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.43	54.53	23.2	28.6	98	78	Calm	NW 1	8	9	13.5
2	52.84	51.41	24.5	26.5	96	94	W 1	S 1	10	1	16.3
3	50.69	50.05	25.5	28	94	76	SSW 4	SSW 5	10	10	4.1
4	52.61	52.77	24.4	25.6	97	92	S 5	S 5	10	10	14.7
5	56.90	56.49	25.9	30.4	85	70	S 2	S 4	10	8	.3
6	58.40	57.68	24.8	31	93	63	Calm	S 2	7	7	------
7	58.61	57.71	24.5	31.5	94	69	SE 1	S 2	5	8	------
8	58.29	56.46	25.3	32	96	66	Calm	S 2	10	9	------
9	56.77	55.64	25.2	29.8	95	73	S 1	SSW 3	9	9	22.1
10	55.03	54.13	25.5	28.8	94	76	S 1	S 2	10	10	------
11	55.01	55.53	27	28.2	83	79	S 3	S 1	9	10	------
12	58.15	57.80	24.2	32	93	63	ESE 1	S 1	9	8	------
13	59.61	57.79	23	33.7	99	56	Calm	WNW 1	3	7	6.4
14	59.16	58.08	24.7	31	97	71	Calm	NNW 1	8	9	.5
15	57.92	56.41	24.7	31	96	73	Calm	S 1	10	10	------
16	57.10	56.64	26.3	30.5	90	76	S 1	S 2	9	10	------
17	58.90	57.80	24.4	31.7	97	62	Calm	SSW 2	8	8	------
18	59.48	57.91	24.3	31	97	75	Calm	SSW 1	9	9	2.4
19	59.82	58.40	23.5	26	99	92	Calm	Calm	8	8	74
20	59.60	57.49	23.4	30.8	97	73	N 1	NNW 2	10	10	5.2
21	58.22	56.23	22.2	31.7	97	68	Calm	NNW 1	5	8	------
22	58.72	57.26	23.2	31.4	98	70	Calm	S 1	4	8	.8
23	60.12	58.83	23.2	31.6	98	65	Calm	N 1	5	8	------
24	59.88	58.25	22.4	28.5	97	88	Calm	Calm	7	9	38.7
25	59.36	58.49	23.4	28.1	97	84	N 1	N 1	9	10	------
26	59.56	58.03	22.6	30.5	99	82	Calm	NW 1	6	8	2.1
27	60.11	59.01	23.7	30.6	99	73	Calm	N 1	5	8	------
28	59.66	58.28	22.9	29.2	97	76	Calm	NNW 1	4	8	1.6
29	59.60	57.93	24.2	29	94	82	NNW 1	N 1	9	9	.8
30	58.67	57.38	23.6	30	98	77	Calm	N 1	10	8	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.81	56.68	24.2	30	95.5	74.7	0.8	1.6	7.9	8.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	203.5

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p.m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.74	57.44	22	30	96	77	Calm	NNW 1	5	8	------
2	58.97	56.71	23.3	32.7	98	75	Calm	N 1	9	8	------
3	58.82	57.16	23	32.2	100	63	Calm	NNW 1	9	9	0.5
4	59.59	57.94	23.3	29.6	97	75	Calm	N 1	9	9	33.5
5	59.14	57.49	22.3	31.2	99	66	Calm	NE 1	8	9	2.3
6	58.18	57.77	22.6	25.2	96	93	E 1	Calm	10	10	4.5
7	59.24	58.31	22.3	27.5	97	85	Calm	N 1	8	9	.9
8	59.21	57.49	22.8	30.2	98	73	Calm	N 2	8	8	12.5
9	58.01	55.53	23.3	30.5	97	71	Calm	NNW 2	9	8	7.7
10	56.07	54.56	23.8	26.8	98	87	Calm	NNW 1	8	9	50.2
11	52.50	49.63	24	24.2	93	97	WSW 2	WNW 2	10	10	302.2
12	51.66	52.14	23	24.4	97	91	WSW 3	W 2	10	10	97.6
13	52.45	52.12	25.6?	27.8	90?	76	SSW 3	SSW 5	10	9	17.6
14	53.35	52.12	25.8	24.6	88	97	SSE 3	SSW 4	9	9	27.2
15	53.57	54.63	25	29.6	95	79	SSW 1	SSW 2	10	10	10.2
16	58.06	58.03	24.5	24.9	96	92	Calm	SSE 1	9	10	15
17	58.87	58.29	23	28	98	77	Calm	NNW 1	9	9	6.4
18	60.06	58.37	23.7	31	98	65	NNW 1	N 1	8	8	------
19	60.77	59.43	24	25	97	87	Calm	N 1	9	10	7.5
20	60.65	59.19	22	27.4	99	78	Calm	NNW 1	8	9	1.3
21	60.50	58.82	23.2	29.6	97	70	Calm	NNW 3	8	8	------
22	59.77	57.80	21.7	30.2	97	69	Calm	NNW 2	8	9	.7
23	58.77	58.02	25	27.4	90	84	NNW 1	NNW 2	9	9	10.8
24	59.69	59.58	23.4	29.6	88	62	N 1	N 2	8	8	------
25	61.20	60.70	21.2	29.4	94	59	Calm	N 2	9	9	------
26	-----	58.97	-----	29.4	-----	63	-------	N 2	-----	8	------
27	60.23	58.59	19.4	29.6	96	64	Calm	NNW 1	4	5	------
28	60.95	60	22.3	27.4	97	77	Calm	N 2	8	9	4.1
29	61.12	59.50	23.5	29.2	96	70	NNW 1	N 3	9	8	------
30	61	59.15	24	28.4	93	77	Calm	NNW 1	5	8	4.6
31	59.89	59.33	23	28.6	100	78	Calm	NW 1	10	10	22
Mean	58.37	57.25	23.2	28.4	95.8	76.7	0.6	1.7	8.4	8.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	639.3

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.92	59.26	22.5	28.2	99	79	Calm	NNW 1	10	10	------
2	60.48	59.08	22.1	29	99	78	Calm	NNW 1	5	9	------
3	60.87	59.14	23.4	29.6	98	79	Calm	NNW 1	5	9	2.1
4	60.76	59.22	23	28	98	83	Calm	NW 1	8	9	15.4
5	61	59.45	23	28.2	98	80	Calm	NW 1	8	9	------
6	61	58.81	22.9	30.4	99	77	Calm	NNW 3	7	8	3.3
7	61.20	59.25	24	29.5	97	79	E 1	NNE 1	9	9	.8
8	61	59.86	25.4	26.5	93	91	N 1	NNE 1	10	10	7.6
9	60.88	58.87	22	29.7	98	73	Calm	N 2	9	9	27.7
10	60.76	58.86	23	30.2	95	68	Calm	NNE 3	8	8	------
11	60.42	59.10	23.5	29	91	68	Calm	N 2	9	8	------
12	61.03	59.74	20	31	96	65	Calm	NNE 1	5	8	------
13	61.22	60.10	22.9	29	90	62	NNE 1	N 3	9	8	------
14	61.18	60.20	20	29.5	91	60	N 1	N 3	5	8	3.7
15	60.96	60.29	23	29.6	95	59	NNE 1	N 2	9	7	------
16	61.71	60.73	23.2	27.2	88	74	N 1	NNW 1	8	8	.6
17	61.51	59.77	22.9	29	91	67	N 1	NW 3	8	6	------
18	62.30	61.32	22.5	28.2	96	72	Calm	N 2	8	8	.5
19	61.77	60.89	24.3	26	96	90	N 2	NNW 1	10	10	1.3
20	62.34	61.06	22.2	30.6	100	67	Calm	N 2	5	6	------
21	61.91	60.47	21.2	27.5	98	84	Calm	N 1	4	9	15
22	61.35	59.93	22.2	30.2	98	66	NNE 1	NNE 3	9	7	94
23	61.86	62.06	23.4	23.9	99	97	ENE 1	ENE 1	10	10	115.6
24	62.78	61.85	23	27	98	71	NNE 1	NNE 3	10	8	1.5
25	62.42	61.03	21.9	26.4	83	79	NNE 1	N 3	3	9	.9
26	60.35	58.75	22	26	91	84	N 1	N 1	2	9	40.6
27	54.92	57.17	24.1	26.5	99	88	SSW 1	ESE 2	10	10	8
28	59.56	58.39	23	30.7	99	70	Calm	NNW 2	4	8	.5
29	59.67	58.20	22.1	30.8	99	73	Calm	N 2	5	8	------
30	60.02	59.50	24	27.5	98	81	Calm	NNE 1	10	10	.4
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	60.94	59.74	22.8	28.5	95.7	75.5	0.5	1.8	7.4	8.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	339.5

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.63	59.53	22.4	28.4	96	75	Calm	NNW 3	3	7	0.2
2	60.80	59.89	19.5	29.5	99	68	Calm	N 2	3	5	------
3	61.84	61.02	18.8	30.2	95	68	N 1	NNW 2	3	6	------
4	62.77	61.49	20	30.2	99	62	Calm	NNW 2	4	5	------
5	62.86	62.07	20.4	28	96	70	Calm	NNE 2	3	8	------
6	62.60	61.18	19.1	28.4	99	68	Calm	N 1	3	8	------
7	62.13	60.32	20.2	31	97	57	Calm	NNW 2	4	8	------
8	61.05	59.72	21.3	28	97	73	Calm	SSW 1	8	9	------
9	61.17	60.18	21.2	30.3	94	64	Calm	NNE 2	3	8	------
10	61.62	60.78	22.3	28	88	79	Calm	NNW 1	5	9	8.4
11	60.97	58.87	22.3	30.3	97	62	Calm	E 2	8	3	------
12	60.69	59	22.5	28	97	85	Calm	N 2	5	8	1
13	60.22	59.63	22.1	27.4	99	81	Calm	N 2	5	9	33
14	59.80	59.24	24.4	26.4	93	87	Calm	N 2	9	9	7.4
15	59.78	59.08	21.8	30.5	98	74	Calm	W 1	7	8	7.8
16	60.95	59.08	23	30.5	98	70	Calm	NNW 2	9	7	------
17	60.90	59.52	23.9	24	94	98	N 2	NNW 1	9	10	80
18	61.22	60.43	23.4	25.8	97	88	Calm	NNE 2	8	9	1
19	61.74	61.15	23	26	93	87	Calm	N 1	8	10	3.8
20	62.61	60.98	22.9	28.8	99	72	Calm	NNW 1	9	6	------
21	61.98	59.77	21.1	30.3	99	72	Calm	N 2	3	8	2.5
22	60.47	58.48	24.1	28.9	99	80	Calm	N 2	7	9	2.9
23	60.01	59.14	23.3	29.1	99	68	Calm	N 1	10	7	5.5
24	60.20	58.52	24	26.6	97	89	NNW 1	N 2	10	9	33.2
25	58.64	57.49	24.4	28	97	85	NNW 2	NNW 3	10	10	6.5
26	58.99	57.78	24	28.2	98	83	Calm	NNW 1	10	9	8.3
27	59.04	58.59	24	28.8	97	72	Calm	N 2	10	9	------
28	60.59	59.85	23.6	28.1	85	70	N 1	N 2	10	3	------
29	62.45	60.85	22	24	91	97	NNW 1	N 1	8	10	23.4
30	62.74	63	23.5	22.4	99	96	Calm	N 1	10	10	40.7
31	64.05	63.20	22.8	25.5	89	81	N 3	N 2	8	10	.1
Mean	61.15	59.99	22.3	28.1	96	76.8	0.4	1.7	6.8	7.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	265.7

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, −1.75 mm.]

Day.	JANUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.58	59.41	23.5	26.7	94	90	ESE 1	ENE 1	10	7	11.5
2	59.40	57.82	22.8	29.8	97	70	Calm	ENE 2	7	7	------
3	59.60	58.59	21.8	29.1	96	70	ENE 1	ENE 1	6	8	------
4	60.15	60.27	24.3	28.3	92	74	E 1	E 2	10	10	------
5	60.15	59	23.8	30.3	88	63	E 1	E 2	4	7	------
6	59.93	58.82	21.2	23.8	95	88	Calm	E 1	3	10	1.6
7	59.30	58.27	21.3	29.5	95	65	Calm	E 2	2	7	------
8	59.27	58.30	23	30.8	95	54	E 1	E 2	4	7	------
9	59.54	58.03	23.3	31.2	92	67	E 1	E 1	6	6	------
10	59.80	57.97	23.8	26.8	97	89	Calm	E 2	7	7	4.8
11	59.66	58.69	22.5	29.3	97	66	ENE 1	E 2	3	7	.3
12	60.89	59.10	22.8	27.5	97	75	E 2	E 3	10	7	------
13	61.72	59.82	21.4	30	96	55	Calm	ESE 2	4	4	------
14	61.28	59.64	21.2	30.8	96	58	Calm	SE 2	5	3	------
15	61.99	59.98	20.4	30.7	96	62	Calm	S 3	3	6	------
16	62.34	60.46	22.8	30.2	95	61	ENE 1	SSW 2	3	5	------
17	61.59	59.88	22	30	96	57	ENE 1	SW 1	9	1	------
18	62.18	59.74	21.8	29.4	96	62	Calm	SW 2	5	4	------
19	61.32	60.10	20.8	30.8	96	59	E 1	E 2	3	5	------
20	62.45	60.51	20.3	29.8	95	65	Calm	SW 2	7	4	------
21	62.54	60.21	21.3	30.3	95	59	Calm	SW 1	3	3	------
22	62.40	60.78	22.3	31	92	59	Calm	SE 2	7	6	------
23	62.02	60.83	21.3	31	95	58	Calm	E 2	4	4	1.8
24	62.96	61.37	23	26.3	97	86	Calm	SE 1	10	10	12.2
25	63.75	63.06	21.7	25.5	97	84	Calm	ENE 2	5	10	------
26	64.33	62.92	21.4	27.3	96	75	Calm	E 2	4	9	------
27	63.99	62.62	21.8	27.8	87	58	E 1	E 3	6	7	------
28	64.36	62.69	17.6	29.3	94	81	Calm	E 1	1	3	------
29	63.74	62.29	18.8	28.5	96	64	Calm	E 3	6	7	------
30	63.99	63.27	18.7	28.8	95	59	Calm	ENE 3	6	5	------
31	64.08	63.37	22.8	28.2	88	63	E 2	E 4	4	7	1.3
Mean	61.65	60.25	21.8	29	94.6	67.6	0.5	2	5.4	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	33.5

Day.	FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	65.14	64.22	22.3	25.3	96	75	Calm	ENE 4	10	7	2
2	64.12	62.65	21.2	26.5	85	71	ENE 1	E 2	1	7	------
3	62.61	60.55	20	29.9	96	54	Calm	E 4	6	3	------
4	61.99	59.48	20	30.6	94	50	Calm	E 2	3	3	------
5	61.39	60.19	20.5	30.8	90	56	Calm	E 3	3	4	------
6	61.67	60.40	23.2	29.3	93	66	Calm	ESE 2	4	7	------
7	62.07	60.70	23.8	29.8	80	62	E 2	E 3	6	9	------
8	60.84	59.43	21.8	30.8	91	49	E 1	SSE 2	5	1	------
9	61.20	59.80	21.3	31.3	95	48	E 1	SE 2	1	3	------
10	61.23	60.19	20.1	31.4	95	54	Calm	SW 2	3	5	------
11	61.99	61	20.3	28.3	93	72	Calm	ENE 1	9	10	.5
12	63.55	61.72	22.8	28.3	84	62	NE 3	E 3	9	7	------
13	62.87	61.31	23.4	29.3	80	59	ENE 2	E 3	6	7	------
14	63.37	61.70	22	31.5	91	51	Calm	ESE 3	7	4	------
15	63.74	61.98	21.3	30.4	95	60	Calm	SE 2	6	4	------
16	64.54	62.45	22.3	31.3	90	50	NE 1	E 3	5	4	------
17	63.14	60.98	21.3	30.8	92	46	Calm	SE 3	3	4	.8
18	61.77	59.84	22.6	29.8	95	60	ENE 1	SE 3	10	4	------
19	60.72	59.33	20.9	31.3	95	46	ENE 1	E 2	1	4	------
20	60.01	58.50	21.3	31.8	92	55	Calm	SE 2	6	7	------
21	59.51	58.18	24	32.3	86	51	ENE 1	SE 3	9	7	------
22	59.23	57.37	24.3	32.8	89	47	Calm	SE 2	5	3	------
23	59.26	57.14	23.5	31.8	90	48	ENE 1	SE 2	1	3	------
24	59.94	58.42	22.2	32.8	93	42	Calm	SE 2	3	3	------
25	60.54	59.18	23.2	31.8	84	54	ENE 1	ESE 2	6	6	------
26	60.30	58.58	20.4	31.7	96	56	Calm	S 2	1	4	------
27	60.17	58.46	21.3	28	92	70	Calm	SW 2	3	7	1.3
28	60.15	59.13	21.8	30.3	93	61	Calm	SE 2	4	9	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.68	60.10	21.9	30.4	90.9	56.2	0.6	2.4	4.9	5.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	4.6

Day.	MARCH.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.59	60.92	23.5	26.3	87	85	E 1	E 1	7	10	5.9
2	61.65	59.49	21.3	31	92	52	Calm	ESE 2	1	6	------
3	60.86	58.88	19.8	31.8	92	58	E 1	SW 2	3	5	------
4	60.58	58.53	24	30	85	56	Calm	E 2	10	7	------
5	60.74	58.42	22.6	32.5	89	44	Calm	SE 2	3	6	------
6	59.99	58.58	23.4	31.8	88	55	Calm	E 2	7	7	------
7	59.59	57.77	23.3	32.8	89	49	Calm	S 2	4	7	------
8	58.56	56.38	22.2	32.3	89	59	Calm	S 1	4	7	------
9	57.66	56.06	23.1	33.3	90	48	E 1	SSE 2	3	5	------
10	58.25	57.60	22.8	34.3	93	46	Calm	SE 2	5	6	------
11	58.94	57.98	24.3	33.7	87	44	E 1	E 3	4	5	------
12	59.54	56.94	22.3	33.3	87	50	Calm	SW 2	1	6	------
13	59.31	57.81	24.2	32.3	90	53	Calm	E 2	3	4	------
14	59.41	57.95	23.5	32.8	89	52	E 1	SE 1	4	6	------
15	60.07	58.61	22.8	33	93	48	E 1	E 2	3	5	------
16	59.36	58.28	24.4	33.3	83	40	E 2	SE 2	1	3	------
17	60.19	57.93	22.8	33.3	84	43	E 1	SE 3	4	5	------
18	59.25	58.13	23.3	32.8	89	49	E 1	SE 2	1	3	------
19	59.56	57.93	23.8	34.1	86	36	E 1	SE 2	1	3	------
20	59.91	58.66	24.3	32.4	87	47	Calm	SSE 2	3	3	------
21	59.29	56.93	22.8	33.3	86	41	E 1	S 3	3	3	------
22	58.27	57.05	21.3	31.8	92	47	ENE 1	SW 2	4	4	------
23	58.15	57.06	22.3	34.8	88	41	ENE 1	E 2	6	6	------
24	59.80	58.93	21.8	34.3	87	43	ENE 1	E 1	1	3	------
25	60.94	59.04	21.5	31.8	90	56	ENE 1	S 3	3	6	------
26	60.63	59.22	21.3	33.4	88	45	NE 1	S 2	1	6	------
27	60.96	59.28	23.8	34.8	88	40	ENE 1	SSE 2	6	1	------
28	61.77	59.59	21.3	33.6	88	49	Calm	WSW 2	3	4	------
29	61.21	59.85	24.8	31.2	82	54	NE 1	SE 2	5	9	------
30	60.84	59.53	24.7	31.3	84	54	ENE 1	ESE 2	3	5	------
31	60.78	59.02	23.3	32	89	48	ENE 1	S 3	3	6	------
Mean	59.92	58.32	22.9	32.6	88.1	49.4	0.7	2	3.5	5.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	5.9

Day.	APRIL.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.49	58.88	23.3	33.3	90	44	E 1	SE 2	1	5	------
2	60.16	57.95	22.3	34	85	36	ENE 1	SE 3	4	4	------
3	59.29	57.33	21.4	32.4	82	45	ENE 1	S 2	3	6	------
4	59.86	58.84	21.8	33.2	84	44	ENE 1	SE 2	4	5	------
5	60.72	58.13	21.8	32	84	48	E 1	S 2	3	6	------
6	59.56	57.31	20.6	33.3	82	42	ENE 1	S 3	3	6	------
7	58.37	57.43	23	33.5	88	43	E 1	S 2	3	5	------
8	58.61	57.60	23.3	33.8	89	48	ENE 1	SE 2	3	5	------
9	59.40	57.91	21.8	33.7	87	39	ENE 1	S 2	3	3	------
10	59.39	57.30	22.3	32.5	88	49	E 1	S 2	3	4	------
11	59.34	57.35	23.4	34.3	86	42	ENE 1	SW 2	3	3	------
12	59.52	58.92	22.8	28.3	79	82	ENE 1	SW 2	5	10	11.2
13	59.45	57.42	24	32.8	91	57	Calm	SW 2	4	6	5.1
14	59.84	57.91	24.8	30.5	97	72	Calm	SW 1	10	7	2.8
15	59.18	57.44	24.3	29.5	96	77	Calm	SE 1	5	6	15.5
16	58.84	57.47	23.9	30.8	96	65	ENE 1	S 1	6	7	------
17	59.20	57.55	24.5	31.5	94	65	E 1	S 2	5	7	4.8
18	59.19	57.34	24.8	29.3	93	74	Calm	S 2	10	7	17.5
19	59.26	57.90	23.8	30.8	95	67	Calm	SE 2	4	6	.8
20	59.94	58.68	25	32.2	93	59	ENE 1	S 2	6	7	------
21	59.94	58.06	24.8	33.4	90	52	ENE 1	SE 2	3	3	------
22	59.60	57.37	24.9	32.8	91	54	E 1	SE 2	4	3	------
23	58.99	57.21	24.8	33.1	88	48	ENE 1	E 2	4	6	------
24	58.05	56.33	24.3	33.2	91	51	ENE 1	SE 2	1	4	------
25	57.39	56.30	25.8	32	85	59	E 1	SE 2	1	7	------
26	58.83	56.91	25.3	33.7	83	42	E 1	SE 3	3	6	------
27	58.11	57.16	24.8	32.4	85	52	ESE 1	ENE 3	4	9	------
28	58.15	56.49	24.2	33	90	51	ENE 1	SE 3	3	9	------
29	58.68	56.03	25.7	34.3	84	42	Calm	E 3	3	6	------
30	58.01	55.81	24.2	34.2	85	45	Calm	SE 2	4	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.16	57.48	23.7	32.5	88.4	53.1	0.8	2.1	3.9	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	57.7

BATANGAS.

[φ=13° 45′ N; λ=121° 03′ E; barometer above sea, 4 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.29	56.05	23.9	33.6	87	45	ENE 1	SSE 2	3	7	------
2	57.26	55.94	23.8	34.6	85	43	Calm	SE 2	6	6	------
3	58.23	57.90	23.7	26.6	85	86	Calm	NE 1	4	9	7.2
4	57.95	56.86	22.3	27.5	96	81	Calm	SW 1	1	7	6.9
5	57.29	55.16	22.2	31.6	95	65	Calm	NNE 1	5	7	.3
6	55.35	53.41	24.3	29.3	92	73	Calm	NNE 4	9	9	44.5
7	54.04	55.19	25.2	25.8	88	88	E 2	E 2	10	10	11.2
8	55.94	56.02	25.8	28	85	86	E 1	SE 1	9	10	15.7
9	56.23	56.28	24.9	26.3	96	93	Calm	SSE 1	10	10	8.9
10	56.89	56.06	24.5	30.2	96	73	Calm	NW 2	7	6	------
11	57.96	57.46	23.9	30.8	96	64	Calm	NNW 1	4	7	------
12	59.46	57.90	23.8	32.3	91	63	Calm	WSW 1	5	6	------
13	58.92	57.23	25.5	31.8	98	65	Calm	WSW 2	3	3	------
14	57.89	56.74	23.9	32.3	96	63	Calm	W 2	2	2	------
15	58.10	57.05	23.6	31.9	93	63	Calm	NW 2	4	3	------
16	58.88	57.37	24.4	32.3	95	64	Calm	NNW 2	3	3	------
17	59.89	58.07	24.3	32	92	64	Calm	WSW 2	1	4	------
18	59.35	57.73	24.2	33.5	90	51	WSW 1	SE 2	4	6	------
19	59.51	58.12	24.6	33.6	90	47	Calm	E 2	4	4	------
20	58.98	57.70	25.6	34.2	90	56	ENE 1	SE 2	5	5	------
21	58.24	57.53	25	35.3	92	49	ENE 1	ENE 2	2	3	------
22	58.56	57.05	22.9	34.8	92	44	ENE 1	E 2	1	4	------
23	57.72	56.13	25.8	33.3	88	55	Calm	ENE 1	5	7	------
24	57.38	56.11	26.2	33.3	85	56	E 2	SE 2	7	7	------
25	58.39	57.05	25.3	32.7	89	58	Calm	E 2	7	6	------
26	58.85	57.34	25.1	30	88	69	Calm	ESE 1	7	6	1.3
27	59.26	58.28	24.5	25.9	91	93	Calm	Calm	7	7	19
28	57.96	56.58	24.2	32.8	95	58	Calm	SE 2	7	5	------
29	57.70	56.55	24	33.4	91	55	Calm	SSE 2	3	5	------
30	59	57.45	24.3	34.4	89	53	ESE 1	E 2	4	3	------
31	59.39	57.12	25.1	33.3	86	53	ENE 1	SE 2	5	6	------
Mean	58	56.82	24.4	31.5	91	63.7	0.4	1.7	5	5.9	------
Total	------	------	------	------	------	------	------	------	------	------	115

JUNE.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.29	56.83	25.8	34.2	88	52	ENE 1	ENE 2	5	5	------
2	58.22	56.50	25.4	35.3	88	45	NE 1	ESE 2	2	3	------
3	57.72	55.68	25.8	34.3	88	49	ENE 1	SE 2	3	7	------
4	56.88	55.83	26.3	34	90	56	ENE 1	SE 2	7	6	------
5	56.83	54.34	25.3	34.8	86	47	Calm	SE 2	6	4	------
6	57.17	56.03	25.4	32.7	92	58	SE 1	SE 2	9	7	0.8
7	57.65	56.50	24.8	30.5	92	68	Calm	SE 2	7	7	2.5
8	57.54	56.25	24.6	32.1	90	60	ENE 1	E 1	6	6	------
9	58.64	56.50	25	33.3	92	56	ENE 1	SSE 2	5	6	------
10	58.45	56.65	24.3	33.7	92	52	ENE 1	SSE 3	4	6	------
11	59.21	57.01	25	33.3	85	49	ENE 1	S 2	5	6	------
12	59.15	56.62	25.2	34.3	90	47	ENE 1	SSE 2	7	5	------
13	58.97	56.96	24.8	35	90	46	Calm	SSE 2	5	6	------
14	58.57	56.61	24.4	34.3	90	48	Calm	SE 3	4	5	.5
15	58.50	57.03	25	32.6	90	62	Calm	WSW 3	5	7	------
16	58.02	56.35	24.8	33.8	88	51	Calm	SW 2	5	4	------
17	58.46	57.46	24.8	32.3	93	60	Calm	SW 2	7	6	------
18	59.50	58.11	24.9	32.5	92	54	ENE 1	S 1	5	7	------
19	60.88	59.31	25.5	31.8	91	65	ESE 1	SW 2	7	6	.5
20	60.52	58.89	23.3	33.3	90	55	Calm	SW 2	3	6	------
21	59.49	57.55	24.3	33.5	91	58	ENE 1	NW 2	3	5	------
22	59.07	57.96	25	32.1	92	61	Calm	NW 2	3	5	------
23	59.95	58.59	24.9	33.3	91	57	Calm	NW 2	4	7	------
24	59.50	58.35	24.8	31.3	93	60	Calm	WNW 2	3	7	10.9
25	59.42	59.05	23.8	28.3	93	67	Calm	ENE 3	7	9	------
26	59.72	57.46	23.4	33	93	61	Calm	N 1	4	6	------
27	58.70	57.83	25.1	31	92	64	Calm	SW 1	5	7	1
28	60.11	58.62	23.4	31.3	97	68	Calm	SW 2	4	7	2.3
29	60.07	58.48	24.2	33.2	95	52	Calm	SSW 2	7	6	------
30	58.59	56.68	23.6	33	93	57	E 1	WNW 2	5	6	.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.79	57.20	24.8	32.9	90.9	56.2	0.5	2	5.1	6	------
Total	------	------	------	------	------	------	------	------	------	------	19

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.33	56.99	24	35.1	93	47	Calm	S 2	4	7	2.8
2	59.17	58.44	25.3	31	96	62	Calm	SE 1	10	7	.5
3	59.26	58.43	24.8	27.8	93	79	Calm	N 3	5	10	47.7
4	58.51	57.63	24.2	29.1	95	78	Calm	Calm	6	7	2
5	57.98	56.60	23.5	33.3	94	58	Calm	N 1	7	6	18.8
6	58.22	57.04	23.3	31.4	94	70	Calm	S 1	10	7	5.6
7	57.64	56.87	24.7	31.4	94	66	Calm	S 2	7	7	.5
8	58.12	56.48	24	32.2	97	61	Calm	SW 1	6	4	------
9	57.75	56.59	25.3	31.8	96	67	Calm	NW 2	4	6	------
10	57.57	56.72	25.8	30.5	90	67	Calm	WNW 2	7	5	11.7
11	57.22	56.61	24.7	29.3	94	72	Calm	NW 1	6	7	1.8
12	58	57.96	25	30	95	71	Calm	NW 2	7	7	.8
13	58.04	57.29	23.9	29.2	97	74	Calm	NW 1	5	9	------
14	56.32	54.58	24.9	29.8	94	73	Calm	NW 2	5	7	32.7
15	53.78	52.08	24.8	26.3	97	91	Calm	NW 2	10	10	40.1
16	52.62	52.77	24	27.6	95	84	W 3	W 2	10	10	16.2
17	54.17	54.58	25.3	26.8	93	87	W 3	W 2	10	10	19.8
18	55.12	55	25.2	27.7	93	82	W 2	SW 2	10	10	6.3
19	54.96	54.60	26.6	28.8	84	73	W 2	W 2	7	7	20.6
20	56.12	55.65	24.3	28.4	92	79	WNW 2	WNW 3	10	9	10.4
21	55.85	56.79	25.3	24	89	95	Calm	NW 2	7	10	74.4
22	55.54	54.83	25.2	30.4	92	70	NW 1	NW 2	9	7	4.3
23	54.32	53.18	26.1	30.8	83	62	NW 1	WNW 2	7	7	------
24	53.62	54.52	25.8	26.3	84	82	WNW 2	WSW 2	9	10	10.6
25	55.09	55.08	24.1	28.3	94	71	WNW 1	SW 3	10	8	1.3
26	56.60	56.36	26.8	31.5	75	66	WNW 3	WNW 2	7	5	------
27	56.69	55.89	23.8	29.8	95	69	Calm	WNW 3	5	7	11.7
28	54.67	53.83	25	25.2	95	95	NW 2	NW 3	10	10	70.8
29	51.73	51.59	24.6	25.3	90	84	WSW 5	SW 4	10	10	73.1
30	53.67	54.07	25.6	28.4	90	77	WSW 4	WNW 4	10	6	2.8
31	56.02	55.88	24.8	28.8	93	73	SW 1	SW 3	9	7	3.6
Mean	56.22	55.64	24.9	29.2	92.1	73.7	1	2.1	7.7	7.7	------
Total	------	------	------	------	------	------	------	------	------	------	490.9

AUGUST.[b]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.95	55.67	25.3	26	94	92	Calm	Calm	10	10	21.1
2	56.61	57.10	25	26.3	92	85	Calm	NW 3	7	7	29.5
3	57.50	57	25.8	29.8	88	74	NW 2	NW 2	7	7	15.7
4	57.67	56.43	24.6	28.4	90	80	WNW 2	NW 2	10	7	15.2
5	56.41	56.42	24.4	24.8	97	93	WNW 2	W 1	10	10	81
6	56.32	55.70	24	29.3	97	76	W 1	W 1	10	7	4
7	56.19	56.04	24.3	28.8	96	75	Calm	WSW 2	7	7	1
8	56.62	56.58	24.2	30.5	90	71	Calm	W 2	7	7	------
9	57.43	57.26	25.2	31.3	87	66	Calm	W 2	4	6	.5
10	57.30	56.72	26.8	30.3	81	66	WNW 1	NNW 3	7	6	------
11	56.85	55.61	26.3	30.4	82	70	NW 2	NW 2	5	7	------
12	56.22	55.63	23.6	30.4	95	72	Calm	WNW 3	6	6	.5
13	56.49	55.96	23.6	30.3	97	67	Calm	NW 3	9	6	3
14	56.92	56.31	24.2	26.5	95	91	Calm	NW 1	10	10	6.9
15	55.08	54.25	25.8	29	88	78	WNW 1	WNW 3	10	9	11.2
16	53.11	54.98	25.8	24.9	88	92	SW 3	Calm	10	10	31.8
17	57.05	58.28	23.4	29.5	97	77	Calm	SW 1	5	7	1.6
18	59.23	58.58	23.6	27	97	83	Calm	Calm	6	7	8.1
19	57.72	55.58	22.9	31.3	96	66	Calm	W 1	7	6	------
20	56.31	55.77	24.8	27.7	97	85	Calm	WNW 1	7	9	4.1
21	56.62	56.23	23.8	31.3	97	66	Calm	WNW 2	6	5	------
22	56.36	55.83	23.7	31.3	96	60	Calm	NW 2	3	4	------
23	------	------	------	------	------	------	------	------	------	------	------
24	------	------	------	------	------	------	------	------	------	------	------
25	------	------	------	------	------	------	------	------	------	------	------
26	------	------	------	------	------	------	------	------	------	------	------
27	------	------	------	------	------	------	------	------	------	------	------
28	------	------	------	------	------	------	------	------	------	------	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.63	56.27	24.6	28.9	92.6	76.6	0.6	1.7	7.4	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	[c]235.2

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[a] Beginning with the morning of June 11, the height of the barometer above sea level was 8 meters.

[b] This station was temporarily closed from August 23 to 31.

[c] 22 days of observation.

BATANGAS.

[φ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.71	55.14	23.2	30.3	95	74	Calm	WNW 3	9	7	15.7	58.76	57.53	23.9	31.8	96	58	Calm	SW 2	6	5	4.8
2	54.67	53.07	24.5	28.4	96	79	Calm	WNW 3	9	9	.8	58.85	56.77	24.3	32	96	60	E 1	SW 2	6	6	3.3
3	52.48	51.10	26.7	28.2	82	80	W 1	WSW 2	8	8	6.9	58.46	57.28	23.8	28.7	97	78	Calm	NE 1	5	7	2.3
4	52.11	53.30	26	25	84	95	SW 3	SW 3	9	10	28.5	59.12	57.58	23.9	27.5	96	82	Calm	WSW 2	5	10	6.6
5	55.72	55.59	25.8	29	87	71	SW 2	SW 4	9	8	1.8	58.94	57.71	22.4	26.1	96	86	Calm	ENE 1	6	9	29
6	57.87	57.22	25.8	31.8	84	65	Calm	SW 2	3	3	------	58.37	57.01	23.3	29.3	96	77	Calm	SW 2	7	7	19.8
7	58.29	57.73	22.8	31.5	95	63	Calm	W 2	4	7	------	59.27	57.86	22.2	28.6	96	75	ENE 1	N 2	3	7	.5
8	58.05	57.10	26.8	30.8	86	69	W 1	W 3	6	6	1	59.43	57.93	22.4	31.5	96	64	Calm	SSW 2	3	7	------
9	56.59	55.88	26.9	26.3	85	90	W 1	W 3	7	10	40.4	57.94	56.72	22.3	31.3	96	64	Calm	SW 1	3	7	11.7
10	55.70	54.21	24	26.3	95	88	W 2	SW 1	10	10	81	56.37	55.25	24.3	31.3	96	66	Calm	WSW 2	4	7	2.5
11	55.24	54.66	23.3	25	97	93	Calm	Calm	10	10	91.7	55.33	54.67	24.8	27.8	92	86	Calm	Calm	5	10	2
12	57.55	57.18	22.4	30.8	96	67	Calm	W 1	7	5	------	54.38	52.62	23.7	28	96	88	Calm	W 1	10	10	27.2
13	59.48	58.33	22.8	31.5	97	65	Calm	W 2	1	3	------	52.38	51.59	26.3	29.2	90	76	WSW 1	SW 2	9	9	22.1
14	59.95	58.50	25.5	28.3	96	82	Calm	WNW 2	8	9	1.8	53.42	51.73	25.5	25.1	91	91	SW 4	SW 3	10	10	44.4
15	58.51	57.28	26.8	29	87	74	WNW 2	WNW 3	9	9	------	53.96	55.39	26.8	28.9	89	80	WNW 2	WNW 3	9	9	11.9
16	56.64	56.33	26.7	30.1	83	73	WNW 1	W 3	9	7	------	57.65	57.33	24.8	28.3	93	75	WSW 1	WNW 2	9	7	5.5
17	58.40	57.72	24.1	30.8	96	67	Calm	W 2	7	7	------	58.86	57.90	23.4	30.3	97	68	Calm	SW 2	7	5	------
18	59.22	58.03	23.4	31.3	97	65	Calm	W 2	5	6	------	60.14	58.13	22.4	30	96	75	ENE 1	SSW 2	6	7	------
19	59.02	58.33	23.8	31.5	97	65	Calm	W 2	5	6	1.3	60.38	59.01	22.4	28.9	96	76	Calm	WSW 1	1	7	11.9
20	59.26	57.72	23.8	30.1	97	71	Calm	W 2	5	7	7.9	60.72	59.05	22.6	30.5	95	71	Calm	WSW 2	4	7	------
21	57.72	56.53	22.9	30.9	96	66	Calm	SW 2	4	7	------	60.82	59.18	21.9	27.4	96	81	Calm	NE 2	3	9	------
22	58.03	57.73	22.7	30.1	96	67	Calm	WSW 2	1	7	------	59.79	57.89	22.3	30.4	97	69	Calm	SW 1	3	7	------
23	60.18	58.53	22.9	31.3	96	64	Calm	SW 2	4	7	------	59.34	57.71	23.3	31.8	97	64	Calm	SE 2	5	7	------
24	59.66	58.23	23.4	30.3	97	70	Calm	NW 2	3	7	11.4	59.88	59.14	21.3	31.1	92	59	NE 1	SSE 1	3	7	------
25	59.43	58.05	23	26.3	95	90	Calm	NE 2	4	10	1.6	60.88	59.78	21.8	29.8	93	60	Calm	ENE 1	3	7	------
26	58.84	57.63	23.8	32.3	95	59	NE 1	SSE 2	6	7	------	60.86	58.55	19.2	29.8	96	65	ENE 1	S 1	3	6	------
27	59.68	58.72	23.3	32.1	96	67	ENE 1	SSW 2	3	7	------	60.30	58.31	19.5	30.4	95	60	ENE 1	ENE 1	3	5	------
28	59.52	58.28	23.7	28.2	96	79	Calm	WNW 2	5	7	------	61.12	59.71	22.9	30	96	65	Calm	SE 2	6	7	------
29	59.47	58.55	21.8	25.9	96	88	Calm	SE 1	3	10	3.8	61.25	59.79	21.8	29.8	96	70	Calm	SW 1	1	7	------
30	58.82	57.34	22.3	31.8	97	67	Calm	SW 2	4	6	.5	61.27	59	22.8	31.4	93	63	Calm	S 2	1	7	------
31	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------	59.56	58.75	23	29.5	95	70	ENE 1	ENE 3	4	9	2.3
Mean	57.76	56.80	24.2	29.5	93.1	73.8	0.5	2.1	5.9	7.4	------	58.64	57.32	23.1	29.6	94.9	71.7	0.5	1.7	4.9	7.5	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	296.1	-----	-----	-----	-----	-----	-----	------	------	-----	-----	207.8

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.31	59.24	24.3	29.3	92	69	Calm	SE 2	7	7	------	60.59	59.60	21.8	26.6	96	87	ENE 1	SE 1	3	7	1.8
2	60.31	58.90	23.8	32.4	93	55	E 1	ENE 2	5	6	------	60.91	59.65	20.5	29.8	97	66	Calm	SE 1	1	7	2.3
3	60.44	59.02	23.5	33.6	94	54	ENE 1	ENE 2	4	6	------	61.35	60.64	19.7	29.8	97	55	Calm	SE 2	3	4	------
4	60.62	58.94	23.3	29.8	92	77	Calm	E 2	6	7	1.3	62.30	61.35	22.2	32.1	91	55	Calm	SE 2	7	6	------
5	60.56	59.64	23.7	30	96	67	Calm	E 2	5	6	------	63.16	61.38	21.3	29.8	94	63	Calm	SE 2	4	5	.5
6	60.74	58.79	24.3	29	92	85	Calm	NE 2	5	7	2.5	63.02	60.94	22.2	30.5	93	58	NE 1	ENE 3	5	6	.8
7	60.99	58.95	24.6	29.8	97	69	ENE 1	NE 3	7	7	.5	62.47	60.50	21.8	31.4	96	49	Calm	ESE 3	3	3	------
8	60.72	59.94	24.8	28.8	95	75	Calm	NE 3	7	9	15	61.48	59.19	22.2	31	93	59	ENE 1	ENE 3	3	6	3.8
9	60.96	59.02	23.8	31.3	93	60	ENE 1	ENE 3	5	5	------	61.21	60.02	24.2	28.2	88	66	ENE 2	ESE 3	5	5	------
10	60.71	59.20	24	27	95	87	Calm	E 3	6	10	10.2	61.26	59.96	23.1	31.3	90	48	Calm	ESE 3	4	3	------
11	60.52	59.18	22.2	30	96	61	NE 1	NE 2	3	6	1.8	60.65	58.83	22.8	32.3	93	54	NE 2	SE 3	4	6	------
12	60.95	59.65	22	31.8	95	58	NE 1	SE 1	3	6	------	60.49	58	22.7	32.1	96	52	Calm	ESE 3	3	3	------
13	61.32	60.93	22.1	28.1	94	70	Calm	NE 1	4	8	------	59.89	58.82	23.8	31.8	93	61	Calm	ENE 3	1	6	------
14	61.75	60.15	19.8	30.3	90	47	NE 1	E 2	5	6	------	59.59	58.33	21.8	29	91	64	Calm	ENE 4	9	7	------
15	61.82	60.63	18.5	29	95	58	ENE 1	SW 2	5	7	.8	59.79	57.95	24	30.8	90	69	ESE 1	NE 2	6	6	.5
16	62.50	60.17	21.8	26.5	96	83	E 1	NW 2	9	9	3	60.33	58.89	23.8	31.5	93	60	NE 1	SE 2	6	6	------
17	61.52	60.02	21.9	29.8	96	66	Calm	SW 1	5	6	------	61.18	59.89	21.8	28.4	93	66	Calm	ENE 2	4	7	6.6
18	62.78	60.74	19.9	28.8	95	68	Calm	WSW 2	1	7	------	60.37	60.22	23.6	25.8	86	87	ENE 3	ENE 2	7	10	1.8
19	62.36	60.71	21.3	26	95	87	NE 1	ENE 2	5	10	6.8	61.92	60.75	23.3	28	89	70	E 1	ESE 3	7	9	4.9
20	62.40	61.20	23	30.1	75	68	Calm	ESE 2	4	6	.3	62.75	60.40	23.6	29.5	95	65	ENE 1	E 2	9	7	------
21	62.40	60.23	23.3	30.3	96	66	E 1	E 2	8	5	1.3	61.95	59.53	22.6	31.8	95	55	Calm	ESE 2	6	6	------
22	61.10	60.52	21.8	27.7	95	72	Calm	ENE 2	8	9	------	60.44	58.18	23.3	30	84	71	Calm	WSW 2	5	7	------
23	61.77	61.05	24.2	29.3	85	64	ENE 2	ENE 2	7	7	------	59.72	59.22	24.4	26	91	90	Calm	E 1	7	10	12.9
24	62.48	61.53	21.5	28.8	92	59	ENE 1	NE 2	3	7	------	60.43	58.99	22.8	29.3	93	70	Calm	WSW 2	6	7	------
25	62.67	60.55	18.8	30.8	94	49	Calm	E 2	1	6	------	59.74	58.62	23.7	27	91	84	Calm	SW 1	7	9	.5
26	60.51	58.53	20.3	31.8	91	44	Calm	ENE 2	1	3	------	59.82	58.05	21.6	30	96	73	Calm	WSW 2	5	5	------
27	58.18	56.86	23.4	27	88	75	Calm	NNE 2	7	9	1	60.02	58.65	23.8	27.8	88	71	Calm	SW 2	9	7	------
28	59.04	57.92	22.4	31.8	95	60	ENE 1	SE 2	7	6	------	61.05	59.70	22.8	26.3	95	79	Calm	N 2	9	9	------
29	59.93	58.49	21.6	29.8	95	69	ENE 1	SSW 1	3	9	3	62.76	60.63	20.4	31.3	96	58	Calm	ENE 2	4	6	1.3
30	60.14	59.34	23.3	30.3	96	64	ENE 1	E 2	6	6	.8	63.22	62.58	23	27	95	72	Calm	NE 2	7	10	.3
31	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------	64.32	62.95	21.8	27.5	91	70	Calm	ENE 2	9	9	------
Mean	61.08	59.67	22.4	29.6	93.1	66.2	0.6	2	5.1	6.9	------	61.23	59.76	22.6	29.5	92.5	66	0.5	2.2	5.4	6.0	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	48.3	-----	-----	-----	-----	-----	-----	------	------	-----	-----	38

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 9 meters; gravity correction not applied, −1.73 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.95	59.48	23	24.9	99	92	Calm	N 2	10	10	54.3
2	60.05	58.22	23.5	27.2	91	76	N 1	NE 2	8	8	------
3	59.86	58.62	23	27.1	96	76	Calm	W 2	7	9	1
4	60.29	60.63	24.3	28	89	71	W 1	N 3	10	10	.3
5	60.49	59.55	24	27.7	87	70	NE 1	NNE 4	7	9	.5
6	60.21	58.37	21.5	27	97	73	Calm	NNE 1	5	10	.8
7	59.70	58.32	20.5	28.4	98	66	Calm	NNE 2	2	6	------
8	59.68	58.61	23.8	29.6	89	63	ESE 1	E 1	7	4	------
9	59.70	58.14	24.4	29.4	86	69	W 1	WSW 1	8	10	4.6
10	59.22	58.25	23.8	27	97	79	Calm	Calm	7	10	3.8
11	59.58	59.22	24.2	27	92	80	NNE 1	NNE 2	8	9	.8
12	60.64	59.20	22.9	28.5	92	83	Calm	N 2	10	10	1.6
13	61.10	59.39	21.6	29.9	98	63	SE 1	SSW 1	2	4	------
14	60.87	59.38	20.3	29.7	99	63	Calm	S 1	3	4	------
15	61.72	60.19	21.7	28	98	74	Calm	E 1	3	7	------
16	62.08	60.50	23.2	28.7	95	76	E 1	NNE 1	6	7	------
17	61.45	59.65	21.6	29.9	98	70	Calm	NNW 1	4	4	------
18	61.50	59.80	21.7	28.8	98	77	SE 1	NW 1	3	4	------
19	61.21	59.84	20.9	28.4	98	80	Calm	NE 2	2	4	------
20	61.94	60.04	22.5	28.4	94	70	Calm	NNE 1	3	8	------
21	61.35	60.22	21.8	30.7	96	64	E 1	W 1	3	2	------
22	61.54	61.22	23.7	29.5	94	63	Calm	NW 1	10	4	------
23	62.70	61.65	23	24.4	87	91	N 1	NW 1	3	10	20.3
24	62.58	61.53	22.5	26	96	76	S 1	NW 1	10	10	1.8
25	63.82	62.61	22.6	26.9	89	71	ESE 1	W 1	10	10	5.9
26	64.07	62.90	22	25	96	80	NE 1	NE 5	9	10	2.6
27	64.64	62.90	22.4	26	83	63	NE 2	NW 5	5	7	.5
28	63.95	63.24	19.5	26.6	86	50	ESE 1	NE 3	2	4	------
29	63.77	62.61	21.6	27.3	93	64	ESE 1	S 1	6	4	------
30	64.11	63.38	22	27.2	87	61	NNE 1	NE 6	7	10	3.6
31	64.01	63.34	23	25.2	91	78	N 4	NE 3	10	6	2.1
Mean	61.57	60.35	22.5	27.7	93.2	72	0.7	1.9	6.1	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	104.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	64.63	63.64	22	26.6	90	68	NNE 1	ENE 5	9	10	0.8
2	63.97	62.34	21.6	25.8	84	72	SE 1	NE 4	2	9	.3
3	62.62	61.05	21.2	27	93	74	SE 2	ENE 1	6	4	------
4	61.65	59.93	22.5	28.5	89	57	SE 1	NE 2	2	2	------
5	61.42	60.49	21.1	28.4	95	60	WSW 1	NE 2	2	3	1.3
6	61.72	61.06	22	26.8	96	73	ESE 1	N 1	10	10	------
7	61.76	60.39	21.6	28.1	95	65	SE 1	NE 2	4	4	.8
8	60.84	59.38	22	29.5	91	55	SE 1	NE 2	7	3	------
9	61.21	59.77	22.6	29	93	58	E 1	E 1	6	6	------
10	60.89	60.39	21.6	29	98	63	Calm	NE 1	4	6	------
11	61.60	61.34	22.5	27.8	96	70	NE 1	NE 2	10	10	1
12	63.45	62.28	22.5	26	94	70	SE 4	SE 3	9	8	.3
13	63.05	61.93	22.2	26	93	69	ESE 1	NE 4	7	8	------
14	63.11	62.28	22.8	29.5	89	55	NE 1	NE 2	7	4	------
15	63.38	62.27	22	28.8	91	58	SE 1	NE 2	5	4	------
16	64.61	62.58	23.2	28.9	86	62	NE 1	NE 2	2	3	------
17	62.94	61.18	22.1	28.5	92	62	NNE 1	NE 2	4	4	.8
18	61.08	59.90	22.5	26.4	91	75	NE 1	NE 3	5	7	.5
19	60.09	59.93	20.8	29	95	59	NE 1	NE 3	6	3	------
20	59.84	59.22	21	27	95	71	S 1	NE 1	2	10	10.9
21	59.78	58.72	23.1	27.5	95	70	NE 1	NE 1	10	10	.8
22	59.06	58.37	22.5	29.9	96	59	NE 1	NE 2	2	3	.8
23	59.39	57.48	23.5	29	92	58	N 1	NE 2	4	3	.8
24	59.34	59.10	23	29.8	97	54	Calm	NE 2	8	3	------
25	60.61	59.68	23	28.5	87	64	NE 1	NE 2	2	4	------
26	61.29	58.64	19.6	31	99	55	Calm	NE 2	1	2	------
27	59.85	59.05	22.8	25.7	93	80	Calm	NE 1	10	10	2.6
28	59.62	59.01	21.5	28.6	95	63	S 1	NE 2	2	3	2.6
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	61.53	60.41	22.1	28.1	92.9	64.2	1	2.1	5.3	5.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	24.3

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.25	60.43	23	27.1	93	69	NE 1	NE 3	10	10	0.3
2	61.74	59.61	24.4	28.5	78	60	Calm	NE 3	2	2	------
3	60.50	59.43	21.5	29.1	97	64	Calm	NNE 2	3	5	------
4	60.49	59.45	23.2	25.6	84	84	NE 1	NE 2	10	6	.8
5	59.88	58.70	21.4	29.9	99	64	Calm	NE 1	2	6	1.3
6	59.81	59.14	22.7	28.5	96	71	Calm	NE 3	7	10	------
7	59.31	57.59	21.6	29.9	96	67	NNE 1	NE 2	10	7	.3
8	58.35	56.59	21.2	30.4	98	66	Calm	NE 2	2	5	------
9	57.49	56.18	23.4	31.5	97	59	Calm	NE 1	6	5	------
10	58.15	58.02	22.7	30.7	99	56	Calm	NE 2	4	6	------
11	59.15	58.42	23	30.5	95	65	Calm	ENE 1	4	4	------
12	59.44	57.50	22	30.8	96	64	NE 1	NE 2	6	5	------
13	59.10	57.39	23	31.7	97	56	Calm	NE 2	3	4	------
14	59.49	58.22	21.9	32.5	99	55	Calm	NE 2	2	6	------
15	59.68	58.77	23.2	30.5	94	65	NE 1	NNE 2	4	3	------
16	59.24	58.82	23.8	30	85	55	NE 1	NE 3	2	3	------
17	59.68	58.08	21	30.1	99	56	Calm	NE 2	3	3	------
18	59.42	58.21	23.8	31.3	93	51	Calm	ENE 2	2	3	.3
19	59.05	58.50	23.6	30.7	94	56	Calm	NE 3	7	4	.3
20	59.82	58.42	23.4	30.6	95	64	NE 1	NE 2	4	3	------
21	58.70	56.43	21.5	33.2	97	55	Calm	NE 1	2	3	------
22	58.42	57.43	20.3	31	99	60	Calm	NE 2	3	5	------
23	58.44	57.38	21.8	29.3	98	65	Calm	NE 3	3	2	------
24	59.84	58.82	21.3	31.5	97	59	NE 1	NE 2	3	3	------
25	60.79	59.61	21	31	99	59	Calm	NE 3	1	4	------
26	60.50	59.72	21	30.6	95	62	NE 1	NE 3	3	6	------
27	60.86	59.24	22.5	31.5	96	51	NE 1	NNE 3	3	2	------
28	61.48	59.69	21	31.5	100	58	Calm	NE 3	2	3	------
29	61.13	59.87	23.3	29.5	95	70	NNE 1	NE 1	6	10	------
30	60.95	59.79	23.4	30.7	97	64	NE 1	NE 3	8	5	------
31	60.24	59.35	23	29.5	96	71	NNE 1	NE 3	6	5	------
Mean	59.75	58.54	22.4	30.3	95.3	62	0.4	2.2	4.3	4.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	3.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.38	59.20	22.5	30.2	93	66	NE 1	NNE 3	2	3	------
2	60.04	58.37	20.6	31	100	52	Calm	NE 1	3	3	------
3	59.39	57.94	19.6	31.7	100	56	Calm	NE 2	3	4	------
4	59.59	58.87	19.5	31.5	100	60	Calm	NE 2	3	4	------
5	60.01	58.13	19.6	30.3	100	53	Calm	NE 2	3	4	------
6	59.72	57.40	18.6	30.5	100	65	Calm	NE 2	3	5	------
7	58.72	57.65	21.8	30.7	100	67	Calm	NE 2	3	7	------
8	58.77	58.32	22.6	32.4	100	66	Calm	N 2	3	4	------
9	59.44	58.33	22.1	31.6	100	62	Calm	NE 2	3	4	------
10	59.34	58.22	22	31.7	99	69	Calm	NE 2	3	4	------
11	59.39	58.16	22.7	31.6	99	67	Calm	NE 2	2	2	------
12	59.25	58.20	24	30.9	99	75	Calm	NE 3	3	4	------
13	59.14	58.10	23.4	32.1	100	62	Calm	NE 2	5	4	0.3
14	59.25	58.35	25.2	30.8	95	67	NE 1	NE 1	5	10	33
15	58.75	57.55	23.6	30.1	100	82	Calm	E 2	5	10	1.8
16	58.33	57.32	24	27.7	100	94	Calm	SSE 1	10	10	4.8
17	58.70	57.40	23.5	27.6	100	83	SE 1	SSE 1	4	10	7.1
18	59.27	58.23	23.6	26	99	96	Calm	NE 1	10	10	3.6
19	59	58.12	23.4	32.2	97	70	Calm	SSW 2	3	7	------
20	59.23	58.03	23.4	31.9	98	74	Calm	SSE 2	4	6	.3
21	59.91	58.60	24	32.4	97	65	SE 1	SE 2	10	6	------
22	59.62	58.50	24.2	31.8	98	70	Calm	NE 2	4	3	------
23	59.11	58.05	24	28.9	91	84	SE 1	ENE 3	2	7	------
24	58.90	57.50	24	31.5	96	70	Calm	SE 3	2	4	1
25	58.90	57.90	24.6	30.5	97	75	ESE 1	ESE 3	6	7	2.3
26	59.10	58	24	31.5	100	72	ESE 1	ENE 3	4	3	.3
27	59.50	58.80	24.4	31.8	100	69	Calm	ENE 3	4	7	.5
28	59.60	58	24.3	30.8	99	67	Calm	E 3	5	4	.5
29	59	57	24	31.2	96	68	ESE 1	ENE 3	4	3	.3
30	58.15	56.95	23.7	31.6	98	59	Calm	ENE 2	4	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	59.25	58.04	22.9	30.8	98.4	69.5	0.3	2.1	4.2	5.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	55.8

SANTA CRUZ, LAGUNA.

[φ=14° 18′ N; λ=121° 25′ E; barometer above sea, 9 meters; gravity correction not applied, −1.73 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.05	56.95	23.8	31.9	97	57	Calm	ENE 2	4	4	------
2	58.05	57.05	24.4	31.5	96	65	SE 1	SE 3	7	5	2.1
3	59.05	58.90	23.5	28	100	82	Calm	SE 1	9	10	4.5
4	58.95	58.05	23.2	30.4	100	64	Calm	SE 3	2	8	5.9
5	58.30	57.80	22.8	31	99	71	SE 1	SE 2	7	7	5.6
6	56.50	55.95	25.5	25.1	88	98	NE 2	NE 3	10	10	19.5
7	56.05	56	26	27	84	81	SSE 2	S 1	10	10	4.1
8	56.65	56	25.5	30	86	74	N 1	N 1	10	10	.3
9	56.65	56.60	24.5	28.6	100	82	NNW 1	WSW 1	10	10	.4
10	57.70	56.85	24.7	30.2	97	74	S 1	WSW 2	10	10	------
11	58.10	57.70	24	32.3	99	66	Calm	WSW 1	10	9	------
12	60.00	57.10	23	32.5	100	67	Calm	SE 1	4	3	------
13	58.45	56.95	23	33.5	100	62	Calm	ESE 1	3	3	------
14	57.20	56	22.4	33.4	100	65	Calm	SE 1	3	3	------
15	57.85	56.55	22.6	32.7	98	65	Calm	SE 1	3	7	------
16	58.45	57	23	33.5	100	62	Calm	SE 1	5	4	------
17	59.15	57.80	23	33.4	100	62	Calm	SE 1	2	4	------
18	59.90	58	23.6	33.3	100	62	Calm	SSE 1	2	6	1.3
19	60.04	58.12	23.6	33.1	100	65	SE 1	SE 2	4	4	------
20	59.28	57.72	25.1	33.5	99	64	Calm	SE 2	3	3	------
21	58.31	57.81	25	33	95	50	Calm	SSE 2	2	3	------
22	58.96	57.31	22	34	100	59	Calm	E 2	2	4	------
23	58.10	56.63	24.8	31.9	98	72	Calm	NNE 2	5	4	------
24	57.64	56.17	25	32.6	98	69	Calm	NNE 2	8	6	------
25	58.79	57.29	24.6	30	99	82	S 1	SSW 1	9	10	.5
26	59.26	58.49	25	27	96	92	SE 1	SSW 1	8	10	1.3
27	59.46	57.92	24.5	31	97	69	SSE 1	SSE 1	10	10	------
28	58.46	56.41	23.3	34.2	99	55	Calm	ENE 1	6	4	------
29	57.95	56.87	24.6	35	94	46	SSE 1	W 2	2	3	------
30	59.01	57.72	24.5	34	92	51	S 1	SE 2	3	4	------
31	59.83	57.59	24.6	32.4	92	57	Calm	SE 2	4	6	------
Mean	58.39	57.20	24	31.6	96.9	67.4	0.5	1.6	5.7	6.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	45.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.69	57.22	24.5	33.1	97	54	Calm	S 2	7	4	------
2	58.53	57.67	24.8	34	92	56	SSW 1	SE 2	3	3	------
3	58.02	56.01	24.7	32.8	96	54	Calm	NNE 2	5	4	------
4	56.74	55.30	26.4	33.4	88	54	Calm	SE 1	6	4	42.2
5	57.13	54.16	25.8	32.6	93	62	Calm	Calm	7	8	4.8
6	57.32	56.03	24.5	30.6	86	70	Calm	Calm	10	9	------
7	57.79	55.99	25.3	31.4	92	66	NE 1	NE 2	9	7	1.8
8	57.75	56.21	24	33	98	55	Calm	NE 1	8	4	------
9	58.99	56.27	24	32.5	96	55	Calm	S 2	3	4	------
10	58.77	56.59	24	32.2	96	59	Calm	Calm	4	5	------
11	59.18	56.68	23	32.6	96	57	Calm	WSW 1	4	5	------
12	59.18	56.72	24	32	91	56	Calm	W 1	10	4	------
13	59.03	56.91	24.3	30.8	89	67	Calm	W 1	3	5	------
14	58.67	56.31	24	33.5	97	50	Calm	ESE 1	3	5	------
15	59.06	56.64	24.9	33.6	92	53	Calm	Calm	10	8	1.8
16	57.99	56.05	24.3	34	94	55	Calm	WNW 1	4	5	15.2
17	58.49	57.11	23.5	31.8	97	64	Calm	SW 1	3	4	5.3
18	59.73	58.02	24	31.6	97	65	Calm	SE 1	6	10	------
19	60.54	59.38	24.3	28.5	97	79	Calm	W 1	9	4	25.4
20	60.59	58.52	21.8	32.5	96	55	SE 1	SE 1	3	4	------
21	59.61	57.17	24	32.7	96	59	ESE 1	SE 1	2	3	------
22	58.49	57.52	24	32.7	96	57	Calm	N 1	2	4	------
23	59.71	58.62	24	31.2	98	72	Calm	W 2	2	10	------
24	59.60	57.47	24.4	34	95	55	Calm	NW 1	2	5	.8
25	59.54	59.65	24	27.4	91	74	NE 1	NE 1	9	10	------
26	59.64	57.87	24.5	34	88	48	E 1	E 1	3	7	------
27	58.94	58.22	24.2	24.5	94	96	Calm	Calm	4	10	21.8
28	60.13	58.26	23.6	30.9	97	69	Calm	W 1	4	4	25.4
29	60.66	58.54	24	30.9	97	69	Calm	WSW 1	7	2	------
30	58.66	57.04	25	26.3	92	94	ESE 1	NE 1	3	10	7.4
Mean	58.91	57.14	24.3	31.7	94.1	62.6	0.2	1	5.2	5.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	151.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.84	56.66	23.6	33	95	57	Calm	SE 1	2	4	2
2	59.06	58.65	25	29.4	92	79	SE 1	SE 1	10	10	.3
3	59.30	57.82	24	31.8	91	64	SE 1	E 1	3	6	1
4	59.60	57.73	24	31.2	98	69	Calm	E 1	7	10	4.6
5	58.54	56.78	24.1	32.2	97	63	Calm	WNW 2	4	4	2
6	58.72	57.21	23.2	30.8	99	65	Calm	NNE 3	5	5	.3
7	57.84	56.64	25	28.4	93	75	SSE 1	SSE 4	6	7	------
8	58.22	56.27	24.6	32.8	92	63	SE 1	WNW 2	2	2	------
9	57.91	56.16	25.5	32.5	92	66	S 1	ENE 1	4	5	18.4
10	57.85	56.69	24.6	28.8	99	82	W 1	WSW 1	8	7	5.8
11	57.49	56.20	24.5	27	96	84	SSE 1	W 6	5	10	------
12	58.27	57.72	24.5	27.8	96	83	SSE 1	WSW 1	5	10	2
13	58.34	57.16	24.4	25.6	95	90	SE 1	SW 1	6	10	13.5
14	56.38	54.59	23.9	30.6	98	72	SE 1	NW 1	10	7	42.7
15	53.45	51.78	24	25.6	98	94	SSE 1	N 1	10	10	60
16	51.93	52.08	25	25.5	98	92	N 1	SW 3	10	10	47.7
17	53.85	53.98	23.8	26.1	97	87	SW 2	SW 3	10	10	17.6
18	55.20	54.02	24.9	29.5	97	78	S 1	WSW 2	10	8	15.5
19	54.75	53.70	24.5	30.8	96	69	W 2	SW 5	7	6	16.3
20	56.73	55.19	24.3	31.4	98	61	SW 1	WSW 1	9	6	3
21	56.23	55.48	24.3	27.2	99	87	Calm	WSW 1	3	10	10.6
22	55.86	54.72	24	28.9	99	77	WSW 1	S 2	5	10	2.3
23	54.10	53.51	23.5	29.4	100	78	S 1	W 2	10	10	.3
24	54.10	-----	24.5	-----	97	-----	WSW 1	--------	6	-----	1.8
25	55.51	55.24	24.2	29.5	100	77	S 1	W 3	4	10	.3
26	57.11	56.54	24.5	28.4	99	81	S 1	W 2	5	4	------
27	57.33	56.61	24.2	30.6	100	74	Calm	W 2	3	5	3.3
28	55.72	54.15	23.8	24.8	99	98	Calm	W 3	10	10	88.4
29	52.04	51.62	23.5	28	99	88	SW 5	SSW 6	10	10	22.8
30	54.23	54.31	24.2	29.2	98	68	SW 1	SW 3	10	10	2
31	55.95	55.31	24.9	29.2	98	77	NW 1	SW 2	10	7	3.3
Mean	56.47	55.48	24.3	29.2	96.9	76.6	1	2.2	6.7	7.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	387.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.91	55.64	24.8	28	97	88	SE 1	SW 1	9	10	8.4
2	57.58	57.08	24.5	28.8	89	80	WNW 1	WNW 2	10	10	.8
3	57.99	57.75	24.2	28.2	98	86	NW 1	WNW 2	10	10	8.9
4	57.79	57.22	23.2	23.1	97	99	W 1	W 2	10	10	75.5
5	56.57	55.46	22.6	25.6	99	93	SW 1	NW 2	10	10	5.9
6	56.39	55.24	23.7	26.9	98	89	WSW 1	W 2	10	10	11.9
7	56.50	56.04	23.5	28	98	78	SSW 1	W 1	10	10	3
8	57.08	56.01	23.4	29.9	98	67	Calm	W 2	10	10	------
9	57.79	56.72	23.2	31.1	98	66	Calm	W 3	2	4	------
10	57.27	56.09	25.5	31.5	94	66	W 1	W 3	8	5	1.3
11	57.03	55.34	24.2	27	98	89	WSW 1	W 3	10	10	6.4
12	56.70	55.69	23.6	27.8	97	80	SW 1	WNW 2	3	8	28.1
13	56.93	55.64	23	30.5	99	67	Calm	W 1	4	4	4.6
14	57.13	55.08	23.8	28	99	84	Calm	W 1	10	10	3.8
15	54.78	52.49	24.1	29.3	97	76	W 2	WNW 4	10	10	4.4
16	52.80	54.43	24.2	24.8	97	93	WSW 1	SW 1	10	10	41.6
17	57.08	57.74	23.5	29.8	97	77	SSW 1	N 1	8	10	16.3
18	59.76	57.90	24	31.2	97	66	S 1	N 3	4	5	1.8
19	58.13	55.43	24.2	32.4	96	58	NE 1	N 1	2	3	4.3
20	56.58	55.44	23.2	27.5	99	84	N 1	N 2	10	10	1.8
21	57.01	56.44	24.5	23.1	97	99	NE 1	N 2	3	10	40.1
22	56.36	55.48	24.2	29	98	74	Calm	NW 1	3	7	1.3
23	56.51	55.39	24.5	30	97	71	Calm	NW 1	2	4	------
24	56.79	56.01	24	28	95	79	SSE 1	WNW 1	3	10	------
25	58.45	57.65	23.3	28	97	77	Calm	W 2	2	10	17.4
26	58.06	56.76	24.6	26	95	92	W 1	W 1	10	10	8.1
27	54.70	52.83	23.6	27.8	97	82	NNE 2	SW 2	6	6	5.9
28	53.83	53.21	24	26.6	96	91	SSW 1	SE 2	3	10	17.6
29	56.50	57.01	24.6	27	97	73	E 1	SW 1	6	10	1.3
30	58.17	56.75	22.2	29.1	98	77	ESE 1	N 3	4	6	1.8
31	58.21	56.21	22.8	30	98	71	SSE 1	NNW 2	8	6	7.6
Mean	56.85	55.88	23.8	28.2	97	79.7	0.8	1.8	6.8	8.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	329.9

The barometric readings from May 1 to 18 were taken from a self-registering apparatus.

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 9 meters; gravity correction not applied, —1.73 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.89	54.43	22.8	31.2	99	63	Calm	W 2	7	8	4.6	58.86	57.01	23.2	33	97	56	SSE 1	NNW 1	3	3	------
2	54.32	52.04	25	28	98	85	W 1	NW 3	10	10	21.1	58.78	56.08	24.4	33	98	59	SSE 1	N 2	9	4	------
3	50.88	49.53	24	26.5	98	91	SW 1	SW 5	10	10	5.6	58.13	57.08	23.5	28.8	95	78	NE 1	SSW 2	4	9	------
4	51.07	51.88	24.6	27.4	99	81	SW 5	SSW 4	10	10	2	59.33	57.25	24.1	30.6	91	53	ESE 1	SW 2	6	4	------
5	55.45	55.20	25.2	30.4	97	69	SSW 2	SW 4	10	10	6.6	58.99	57.51	23.1	29.5	96	73	SW 1	SE 2	10	10	13
6	57.58	56.69	23.5	31.6	97	65	NW 1	W 2	6	6	------	58.98	56.80	23.6	28.1	97	77	SE 1	NNE 2	10	8	1.1
7	58.55	57.09	25	30.3	93	70	S 1	WNW 2	2	7	------	58.98	57.38	22.5	31.3	96	59	SE 1	NNE 2	2	4	------
8	58.22	56.18	23.8	31.3	97	68	Calm	WNW 3	10	7	------	59.13	57.13	22.5	31.9	97	61	SE 1	NNE 2	2	4	------
9	55.95	55.53	25.6	24.9	91	92	SW 2	SSW 2	10	10	52.3	58.04	55.51	21.9	31.1	97	60	Calm	NW 1	3	10	------
10	54.86	53.78	24.6	26	92	92	WNW 2	W 2	10	10	74.4	56.64	55.40	23.3	25.1	97	91	Calm	S 1	2	10	3.3
11	55.18	54.48	23	26	98	89	SSE 2	SSW 4	10	10	30.2	55.19	54.37	24.5	24.8	96	93	SSE 1	NW 2	10	10	14.2
12	57.03	56.88	23.1	31	98	75	Calm	N 2	10	7	5.3	54.28	52.27	23.4	26.5	97	90	W 1	W 1	10	10	71.1
13	59.26	58	22.2	31.1	99	59	Calm	NW 2	9	2	------	52.22	50.49	23.8	26.8	98	87	WSW 1	SW 5	10	10	55.1
14	59.54	58.49	24.5	30.5	96	63	SSW 1	W 2	10	10	.8	52.04	51.78	24.5	25	92	92	SSW 5	SW 2	10	10	60.7
15	58.07	56.27	26.1	26.3	91	94	W 2	WNW 3	10	10	3.1	53.52	54.10	24.6	31.5	91	67	SW 1	NW 3	5	4	------
16	56.37	55.86	26	30.3	87	70	SW 3	W 5	10	10	1.3	57.67	57.11	24.3	28.4	93	72	SSW 1	SSW 1	5	6	------
17	58.25	57.47	24.4	31.5	97	69	SW 1	NW 2	10	10	------	58.88	57.58	23.2	28.7	99	66	Calm	NNW 1	2	6	------
18	59	57.46	24.5	31.9	97	60	Calm	NW 1	7	6	------	60.14	58.28	22.8	30.3	95	67	NW 1	NE 2	3	6	.5
19	59.61	57.77	23.5	33.1	98	54	Calm	SW 3	5	7	------	60.62	58.68	23.8	30.5	91	63	Calm	NE 3	4	4	5.6
20	59.28	57.60	23.5	31.9	96	61	SSW 1	NE 1	3	7	------	60.78	59.22	23.2	29	99	66	Calm	SW 3	5	4	.5
21	59.04	56.07	23.2	32.5	98	55	ESE 1	NW 3	4	1	------	60.34	59.22	22.6	28.5	97	74	NE 1	SW 3	5	9	------
22	58.19	57.16	22	32	96	54	SSE 1	WSW 3	1	4	------	59.84	57.94	22.5	32.4	96	56	W 1	W 2	2	7	------
23	59.86	58.16	22.5	31.5	96	62	Calm	S 2	5	8	.1	59.24	57.55	23.6	31.5	97	56	W 1	N 3	6	6	------
24	59.67	58.13	23.3	31.2	97	66	ESE 1	NE 4	8	6	.8	59.75	59.30	24.2	29.9	82	54	NE 1	NE 4	4	3	------
25	59.24	58.14	23.5	29.5	96	71	ESE 1	N 3	8	10	6.6	61.74	59.80	23.8	29.4	88	50	SE 1	W 3	2	5	------
26	59.15	57.23	23.6	31.6	98	66	SE 1	W 3	10	5	------	60.86	58.94	20.8	32	94	55	SE 1	W 2	2	3	------
27	59.70	58.88	23.5	32	96	61	Calm	N 2	2	4	------	60.62	58.13	22.2	30.5	96	59	SE 1	NNW 3	3	4	------
28	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	60.86	59.85	24.2	29	88	65	SE 1	S 4	7	5	.8
29	-----	57.61	-----	29.6	-----	69	--------	SE 2	-----	10	------	61.17	59.79	24.1	30	89	60	SE 1	N 3	2	8	------
30	58.61	56.97	22.8	33.4	97	54	SSE 1	ESE 3	5	4	------	61	58.80	23	31.6	88	52	SSE 1	NNE 2	2	2	.5
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	60.30	59.39	23.2	27	93	78	SE 1	N 2	3	10	1.3
Mean	57.46	56.24	23.9	30.2	96.1	69.9	1.1	2.7	7.6	7.6	------	58.61	57.09	23.4	29.5	94	67.4	1	2.3	4.9	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[a]214.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	227.7

Day.	NOVEMBER.											DECEMBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.61	59.34	24.2	27.5	93	74	N 1	NE 2	10	10	1.3	60.61	59.21	23.2	29.5	98	72	Calm	NW 3	4	3	------
2	60.35	58.65	23.2	31.5	97	60	SE 2	W 4	4	4	2.3	60.66	59.41	22.2	29.5	100	72	SE 1	SE 3	7	3	------
3	60.94	58.93	23.8	31	95	64	SW 1	NW 4	4	5	5.6	60.72	60.65	20.9	28.8	97	61	SE 1	N 3	3	4	------
4	60.64	59.05	24	27	97	84	W 1	NW 3	8	10	22.4	62.87	61.56	22.6	29.1	93	74	SE 1	SSE 3	7	4	1.3
5	60.64	59.74	24.5	26.2	96	87	NE 1	N 3	8	10	6.6	62.91	61.70	20.6	27	98	72	SE 1	NE 4	10	8	.8
6	60.54	59.27	23.5	30.6	94	69	N 1	NNW 4	10	6	3	62.95	61.44	22.1	26.7	97	77	Calm	SE 2	4	8	2.8
7	60.83	59.48	24.5	28.1	90	81	NW 1	NW 2	8	10	.8	62.58	60.51	22.5	27.5	95	73	Calm	W 4	7	4	.6
8	60.46	59.98	24.8	27	94	81	SE 3	NW 3	7	10	1.5	61.37	59.49	23.5	28.2	90	72	W 2	W 4	5	3	5.3
9	61.15	58.83	23.8	28.6	92	77	E 1	ESE 3	3	7	11.4	61.21	60.20	22.9	27.5	88	72	NE 2	NW 6	6	4	.4
10	60.72	59.26	23.8	27.5	93	78	SE 1	SE 4	7	9	4.1	61.37	60.59	23	28.9	95	65	SE 2	NW 4	4	4	3.8
11	60.57	59.46	23.5	28.6	94	68	SE 1	SE 4	7	6	.6	60.87	58.99	23	28.5	97	75	SE 1	SE 3	8	7	2.6
12	60.71	59.54	22.6	30	96	60	SE 1	WNW 3	2	5	.8	60.97	58.56	23.2	29.4	94	68	SE 1	NE 3	7	4	5.4
13	61.55	60.20	22.6	27.5	95	77	NE 1	NW 3	7	7	.3	60.11	59.48	23.2	26.1	97	83	NE 1	NNE 2	4	9	6.1
14	61.78	60.14	21.4	28.5	98	62	SE 1	NE 4	2	6	------	59.79	58.75	23.5	27.8	94	70	NE 1	NNE 4	9	9	19
15	61.67	61.01	21.5	27.5	95	75	S 1	NNE 3	3	4	1.8	59.85	58.39	23.5	26.6	96	86	Calm	NE 1	10	8	10.2
16	62.22	60.96	22.5	27.8	96	77	SSE 1	NE 3	7	4	.6	60.70	59.08	23.6	29.6	97	71	Calm	SSW 3	9	6	------
17	61.37	59.61	23.5	29.5	94	64	NNE 1	NE 3	7	2	.8	61.12	59.80	22.8	27	89	77	SE 1	SE 2	4	10	6.6
18	61.97	60.65	22.7	29.8	98	54	Calm	NE 4	6	4	1	61.02	60.70	23.2	24	96	91	Calm	NE 2	10	10	20.1
19	61.94	61.70	23.1	25.5	96	92	SE 1	NNE 3	8	10	9.9	62.25	60.91	22.7	26.9	95	78	SE 1	SE 2	10	9	37.6
20	62.37	61.21	23.3	27.7	97	82	SE 1	NNE 2	7	8	1.6	62.85	61.84	22.6	27.6	95	73	SE 1	NE 3	10	7	2.6
21	61.90	60.56	22.8	27.6	97	80	SSE 1	NNE 3	2	8	2.9	62.14	59.95	22.2	27	96	71	Calm	NE 2	5	7	------
22	60.75	60.72	23.2	25	97	83	SE 2	NE 3	10	10	5.1	60.75	58.14	22.7	29	96	73	SE 1	NE 1	5	4	------
23	62.49	61.10	23.8	28.4	95	71	SSW 1	NNE 4	10	8	.8	60	59.36	23.5	26	97	84	Calm	NE 2	9	10	1.6
24	62.92	61.80	24.1	25.4	82	87	NNE 2	NE 5	4	10	.3	60.71	59.51	23.1	27.6	97	73	SE 1	NE 2	10	7	1.3
25	62.53	61.08	22.6	25.6	85	83	NNE 1	S 2	2	6	------	59.82	58.90	22.6	27	97	79	SSW 1	SW 1	7	9	------
26	60.85	58.85	23	28.9	90	74	S 1	SE 4	7	4	------	59.85	57.93	22.3	30	97	65	Calm	NNW 1	8	3	------
27	58.17	56.09	22.5	25	100	92	SSE 1	NNE 3	10	10	13.9	59.66	58.81	21.8	27.5	97	74	NNW 1	SSW 1	7	10	.8
28	59.40	57.94	22.5	30	100	76	Calm	SE 4	2	4	------	60.88	60.09	22.3	27.2	99	76	SSW 1	E 2	10	10	.5
29	60.02	58.57	22.2	28.6	99	83	SE 1	WNW 3	5	8	1.6	62.58	61	21.5	27.1	91	71	SE 1	NE 3	2	10	.3
30	60.35	59.38	22.6	29.2	100	75	W 1	WSW 3	8	7	------	63.51	62.95	23	26	96	80	S 1	NE 2	9	10	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	64.33	63.32	22.5	26.2	90	78	NE 3	NE 3	9	10	------
Mean	61.08	59.77	23.2	28	94.8	75.7	1.1	3.3	6.2	7.1	------	61.32	60.04	22.7	27.6	95.3	74.4	0.9	2.6	7.1	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	101	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	129.7

[a] 28 days of observation.

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

Day.	JANUARY.									FEBRUARY.								
	Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1..	21.7	24	95	95	Calm	W 1	10	10	77.7	19.4	27.3	91	58	Calm	NE 3	8	6	------
2..	20.6	28.4	98	66	Calm	ENE 2	8	7	------	19.8	27.2	83	56	ENE 1	NE 4	7	4	------
3..	21.2	30	90	60	Calm	ENE 1	4	3	------	19.7	28.8	89	53	Calm	NE 3	2	3	------
4..	21.4	28.9	92	62	Calm	NE 2	5	9	------	20	30.7	83	46	Calm	NE 2	2	2	------
5..	21.4	27	91	66	Calm	NE 4	6	5	2.8	19.8	30.2	84	53	Calm	NE 1	2	4	------
6..	20.9	28.5	95	60	Calm	NE 2	8	9	------	21.1	29.8	85	56	Calm	NE 3	4	8	------
7..	19.8	29.6	89	57	Calm	NE 1	2	4	------	20.3	29.4	90	58	Calm	NE 3	3	4	------
8..	21.2	27.9	94	70	Calm	NE 2	4	10	------	21.2	28	92	63	Calm	NE 1	10	8	------
9..	20.9	28.9	98	73	Calm	SSW 2	3	9	20.6	21.7	29.9	87	54	ENE 1	SE 1	9	4	------
10..	22.2	27	96	79	Calm	NE 1	9	10	1.3	19.8	28.6	85	63	Calm	NE 2	2	8	------
11..	22.6	25.6	98	84	Calm	Calm	10	9	3	21.2	30.6	91	51	Calm	ENE 2	9	7	------
12..	20.8	28.8	96	61	Calm	NE 2	4	9	1.3	20.7	28.7	84	52	NE 0	ENE 3	4	4	------
13..	21.4	27	92	76	Calm	SSE 1	5	6	------	19.7	29.6	88	55	Calm	ENE 3	3	2	------
14..	20.3	30	95	59	Calm	SE 2	4	4	------	19.9	29.8	90	54	Calm	E 2	2	7	------
15..	20.3	28.4	91	76	Calm	Calm	4	6	------	20.9	29.1	81	60	E 1	N 1	3	7	------
16..	21.4	30.1	95	60	Calm	Calm	4	7	------	21.6	30.4	86	47	Calm	ENE 2	3	3	------
17..	22.4	30	97	60	Calm	W 2	10	7	------	19	30.3	90	47	Calm	ENE 3	1	3	------
18..	21.3	29.4	97	58	Calm	WSW 2	4	6	------	20.8	28	87	57	Calm	E 3	8	9	------
19..	19.7	29.6	97	66	Calm	S 1	2	5	------	20.4	30.5	88	40	Calm	NE 2	2	2	------
20..	19.4	27.4	97	70	Calm	Calm	6	8	------	20.2	29	86	57	Calm	ENE 2	3	9	------
21..	20.4	30.5	95	56	Calm	SW 1	3	3	------	22.6	28	85	63	Calm	NE 3	9	9	------
22..	21.8	27.1	95	72	Calm	W 1	4	5	------	21.5	32.5	90	46	Calm	SE 3	2	3	------
23..	20.8	29.3	87	59	Calm	E 2	3	3	------	22	32.4	82	44	Calm	ENE 3	2	3	------
24..	21.9	26.5	96	76	Calm	Calm	9	10	.8	22.7	32	78	46	Calm	NE 2	3	2	------
25..	20.6	26.7	98	68	Calm	ESE 1	8	9	.3	19.3	32.3	87	44	Calm	WSW 2	2	3	------
26..	20.4	28.1	94	56	Calm	NE 4	10	6	------	19.8	30.7	90	50	Calm	SW 2	3	3	0.8
27..	19.4	26 5	86	59	ENE 1	NE 5	2	6	------	21.7	30.4	92	52	Calm	SE 1	8	8	------
28..	19	26.9	85	53	NE 1	NE 4	2	1	------	21.1	29	88	53	Calm	N 2	3	8	------
26..	19.1	27	91	61	Calm	NE 2	8	9	------	------	------	------	------	------	------	------	------	------
30..	20.5	26.7	82	62	ENE 1	ENE 3	4	8	------	------	------	------	------	------	------	------	------	------
31..	21.3	27.7	88	53	Calm	NE 5	8	7	------	------	------	------	------	------	------	------	------	------
Mean	20.8	28	93.2	65.6	0.1	1.8	5.6	6.8	------	20.6	29.8	86.9	52.8	0.1	2.3	4.2	5.1	------
Total	------	------	------	------	------	------	------	------	107.8	------	------	------	------	------	------	------	------	0.8

Day.	MARCH.									APRIL.								
	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1..	21.7	30	91	53	Calm	ENE 3	8	7	------	22.1	32.5	81	36	Calm	SE 3	2	1	------
2..	21.8	32.1	86	38	Calm	NE 3	2	2	------	19.8	32.7	70	41	Calm	SSE 4	6	8	------
3..	20	30.8	91	52	Calm	E 2	3	6	------	21.3	32.1	63	45	Calm	S 4	4	5	------
4..	22	29.5	84	54	Calm	NE 2	6	7	------	21.2	32.4	77	39	E 1	ESE 2	4	6	------
5..	20.6	31.4	92	50	Calm	SE 1	4	8	------	21.4	32.8	73	37	Calm	S 4	10	8	------
6..	21.7	30.3	90	59	Calm	SE 1	8	9	1	19.5	32.3	81	44	Calm	SSE 3	10	9	------
7..	21.1	28	92	71	Calm	NNW 1	7	8	3.3	21.2	33.2	84	44	Calm	SE 3	4	4	------
8..	21	30.1	91	46	Calm	SE 1	3	7	------	22.8	33.9	83	43	Calm	S 4	6	4	------
9..	21.7	32.9	92	49	Calm	SE 1	4	6	------	22.7	33.4	72	38	ENE 1	E 2	2	3	------
10..	22	32	90	51	Calm	ESE 2	4	6	------	21.5	34.3	77	40	Calm	S 2	2	3	------
11..	22	32.1	84	48	Calm	E 3	1	3	------	23.2	33.6	88	44	Calm	WSW 1	2	4	------
12..	20.8	32.3	83	53	Calm	SE 2	1	3	------	22.8	31.7	78	52	Calm	NE 3	3	8	------
13..	23.2	29.1	90	59	Calm	E 2	4	3	------	23.6	29.8	85	69	Calm	S 1	7	8	------
14..	22.4	31.9	88	51	Calm	E 1	3	6	------	24.7	34.2	84	52	Calm	SE 2	9	7	1.8
15..	22.2	31.6	84	45	Calm	NE 2	4	4	------	24	27.3	91	81	Calm	ESE 1	8	9	12.4
16..	23.4	31.3	72	46	E 1	E 3	1	2	------	23.5	30.4	97	68	Calm	SW 1	6	9	------
17..	21.2	32.2	89	39	Calm	SE 3	2	3	------	23.9	33	91	52	Calm	SSE 2	7	9	------
18..	21.1	33	84	34	Calm	SE 4	2	4	------	23.4	30.5	95	59	Calm	E 2	9	8	2
19..	21.4	33.5	82	39	Calm	E 1	8	1	------	22.7	30.4	92	63	Calm	WSW 1	6	10	29.5
20..	21.4	32.7	79	37	Calm	E 2	2	2	------	22.9	32.3	92	58	Calm	ESE 1	3	5	------
21..	21.1	33	74	44	Calm	SE 3	1	3	------	24.4	32.5	78	52	Calm	NE 2	4	3	------
22..	21.3	32	88	46	Calm	SE 2	8	6	------	24.3	32.7	85	46	Calm	NE 1	8	2	------
23..	21.4	34	87	40	Calm	E 2	8	2	------	23.7	31	79	53	Calm	E 3	1	8	------
24..	20.3	33	90	42	Calm	SSW 2	1	3	------	22.8	31.7	83	54	Calm	E 3	3	4	------
25..	21.9	32.5	85	47	Calm	WSW 2	3	3	------	24	30.2	83	59	Calm	NE 2	3	7	------
26..	22.6	28.7	79	53	E 0	E 4	3	8	.5	24.6	31	79	53	N 1	E 3	3	3	------
27..	22.2	32	89	38	E 1	ESE 3	8	1	------	24.4	30.4	75	54	NE 1	NE 2	3	10	------
28..	21.1	32.4	82	46	Calm	SW 2	3	4	------	23.7	32.4	91	48	Calm	NNE 3	3	4	------
29..	22.4	32.5	82	47	Calm	E 2	7	8	------	23	32.8	84	46	Calm	E 3	1	3	------
30..	22.7	32.1	77	44	Calm	NNE 4	2	7	------	24.4	32.9	78	47	Calm	SE 2	3	4	------
31..	23.5	30.4	80	56	Calm	ESE 3	6	8	------	------	------	------	------	------	------	------	------	------
Mean	21.7	31.6	85.4	47.6	0.1	2.2	4.1	4.8	------	22.9	32	82.3	50.6	0.1	2.3	4.7	5.9	------
Total	------	------	------	------	------	------	------	------	4.8	------	------	------	------	------	------	------	------	45.7

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

Day.	MAY.									JUNE.								
	Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	23	32.3	76	49	Calm	Calm	3	7	------	24.6	32.9	77	48	NE 1	E 2	3	7	------
2	23	32.4	78	49	Calm	NE 2	7	5	------	25	34.7	74	45	Calm	E 3	1	3	------
3	23.1	31.8	80	52	Calm	E 3	1	7	1.8	24.4	35.1	83	43	Calm	ESE 2	3	8	------
4	22.4	30.5	90	58	Calm	NE 4	2	9	------	25.5	34.9	80	48	Calm	S 2	8	5	4.1
5	23.3	32.5	90	48	Calm	NE 4	7	6	1.5	24.7	35.8	93	51	Calm	SSE 2	9	5	7.1
6	23.6	28	91	66	Calm	NE 2	10	10	4.6	24.7	30.1	97	69	Calm	ESE 1	10	9	------
7	25.4	26.6	79	83	E 3	ESE 3	10	10	2.3	24.5	30.4	83	59	Calm	ESE 2	7	9	------
8	24.6	28.1	82	75	ESE 1	S 1	10	10	5.4	24.4	34	84	45	Calm	ESE 3	8	3	------
9	24.3	27.5	97	83	Calm	S 1	10	10	9.2	24.3	34.4	86	46	Calm	SSE 2	3	6	19.8
10	24	30.1	98	69	SSW 1	WSW 3	10	8	------	24.2	30.7	88	66	Calm	ESE 2	10	8	4.6
11	24.2	30.8	97	67	Calm	W 2	8	8	1.3	23.6	33.1	95	55	Calm	SSE 2	10	7	------
12	23.7	32.5	97	60	Calm	WSW 2	2	4	------	24.4	33.3	82	52	Calm	S 2	10	7	------
13	24.1	32.4	93	57	Calm	W 2	1	2	------	25.4	31.3	82	58	Calm	SE 2	6	7	------
14	24.1	32.9	96	48	Calm	W 1	2	1	------	24.8	34.4	83	48	E 1	ESE 3	2	4	49.5
15	23.6	32	95	55	Calm	W 2	6	2	------	24.3	30.3	91	74	E 1	S 1	10	8	------
16	24.1	32.5	97	55	Calm	NW 2	3	3	------	24.5	33.7	94	47	Calm	S 1	10	2	4.6
17	24.4	33.8	83	56	Calm	SW 1	2	4	8.1	23.9	30.4	94	68	Calm	SW 2	4	5	52.8
18	23.9	31.3	94	64	Calm	Calm	8	8	------	23.3	31.6	95	62	Calm	ESE 1	7	8	6.1
19	23.6	34.7	80	46	Calm	SE 3	4	8	------	24.2	28.9	97	71	Calm	SW 1	5	7	8.4
20	23.4	30.5	90	60	Calm	ENE 2	5	8	------	23.4	30.9	88	69	Calm	W 1	2	9	------
21	24.3	33.7	86	44	Calm	E 2	4	2	------	23.6	31.3	90	58	Calm	W 2	5	2	------
22	21.6	34.7	84	45	Calm	ESE 3	0	3	------	24.5	31	98	59	Calm	W 2	2	3	------
23	24.3	31.3	87	60	Calm	Calm	8	8	------	24.5	31.3	97	66	Calm	SW 3	2	5	------
24	24.6	33.4	79	44	Calm	SSE 2	7	9	------	24.3	32.7	97	55	Calm	WSW 3	2	8	------
25	24.2	33.9	84	53	Calm	S 1	9	1	------	24.3	28	96	68	Calm	NE 1	8	10	------
26	23.9	25	87	92	Calm	N 1	8	9	5	23.7	30.3	85	64	Calm	SSW 2	6	8	------
27	23.5	28	97	80	Calm	N 1	7	10	------	23.4	27	90	83	Calm	N 1	8	9	28.7
28	22.3	33.7	97	38	Calm	SE 2	4	2	------	23	29.4	93	70	Calm	SE 1	8	8	27.7
29	24.5	33.9	80	44	E 1	E 3	3	3	------	22.4	30.6	95	72	Calm	SE 2	10	7	------
30	23.9	33.9	78	40	E 1	E 2	2	3	------	23.2	27.3	95	76	Calm	S 2	3	10	15.2
31	25.4	33.5	73	52	NE 2	NE 2	4	9	------	------	------	------	------	------	------	------	------	------
Mean	23.8	31.6	87.6	57.8	0.3	1.9	5.4	6.1	------	24.2	31.7	89.4	59.8	0.1	1.9	6.1	6.6	------
Total	------	------	------	------	------	------	------	------	39.2	------	------	------	------	------	------	------	------	228.6

	JULY.[a]									AUGUST.								
	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	24	32.9	92	59	Calm	SE 2	3	3	12.2	24	26.5	98	83	Calm	WSW 2	10	10	30.5
2	23.7	30.3	97	66	NE 1	SSE 1	10	9	------	22.1	25.2	95	85	NW 2	W 2	10	10	1.8
3	23.5	31	90	67	Calm	SW 1	7	8	21.8	23.1	27	95	79	WNW 1	W 2	9	10	4.3
4	22.9	28.3	94	82	Calm	SE 1	5	10	------	22.9	23.2	97	97	SW 1	Calm	10	10	12.5
5	23.9	25.5	91	89	Calm	W 1	6	8	21.9	22.5	26.3	98	85	Calm	W 2	10	10	1
6	22.5	28.6	93	79	NE 1	N 1	10	8	2	23.5	28.6	98	78	SW 1	W 2	10	9	33.5
7	23	30.6	91	67	Calm	SE 3	1	3	.8	23.2	26.3	97	80	W 2	SW 1	10	9	7.1
8	22.9	30.3	97	70	Calm	W 2	2	7	------	22.6	28	97	80	Calm	SW 4	10	9	1.8
9	24.4	30.1	96	64	Calm	W 2	8	3	4.6	23.5	28.1	97	74	Calm	SW 4	6	8	8.4
10	23.8	28.7	97	69	Calm	WSW 2	9	6	.5	24.6	29.1	95	71	SW 1	WSW 4	10	7	57.9
11	23.6	29.1	97	72	Calm	SW 3	5	6	6.4	24	27	94	81	WNW 2	SW 4	10	9	33.8
12	23.2	26.6	97	84	Calm	SW 1	8	10	18.3	22.4	28.8	98	73	Calm	WSW 2	10	6	------
13	23.7	23.3	97	91	Calm	N 2	8	9	30.7	22.7	28	97	77	Calm	WSW 2	7	8	18.8
14	22.4	28	96	77	Calm	NW 2	9	10	34.8	23.3	26.5	97	83	Calm	W 1	10	10	11.2
15	23.7	24.4	96	97	Calm	W 1	10	10	18.8	23.4	27.4	97	81	NW 1	WSW 3	8	10	24.9
16	23.8	24	97	96	NW 1	SSW 2	10	10	29.7	22.2	23.8	98	95	SW 4	S 3	10	10	48.2
17	23.2	25	97	95	Calm	SW 2	10	10	18	23.2	29.5	94	71	ENE 1	SE 1	10	9	1.5
18	23.3	25.7	97	88	SSW 1	W 4	10	10	48.3	22.4	25.1	96	90	Calm	WSW 1	10	7	29.7
19	23.2	27.3	97	81	SW 1	SW 3	7	9	64	22	29.4	97	74	Calm	SW 1	2	8	61.7
20	23	23.5	97	97	SW 2	NW 1	10	10	48.2	23.3	26.4	96	87	Calm	Calm	9	10	7.3
21	22.1	23.4	97	96	NW 1	SW 3	10	10	69.6	23.5	26.4	96	83	Calm	SW 2	8	9	------
22	22.5	25.3	97	89	Calm	SW 4	8	10	84.3	23.4	28.9	96	71	Calm	W 2	9	4	.5
23	23.3	23.7	97	97	SSW 2	W 1	10	10	39.7	22.9	29.3	96	71	Calm	W 3	4	8	1
24	23.3	24.5	97	95	S 2	SSW 2	10	10	5.6	23.5	24.4	96	95	Calm	NW 2	8	10	60.7
25	23.6	26.4	96	87	Calm	SSW 2	10	10	4.5	23.2	25.7	97	85	SSW 1	WNW 2	7	10	27.9
26	23.2	27.8	97	78	Calm	W 2	7	9	1.5	22.5	24.2	97	97	Calm	SW 2	6	10	30.2
27	23.7	25.2	97	90	Calm	WNW 1	4	10	45.5	22.8	25.3	97	89	ESE 1	S 1	10	10	19.5
28	23	23.6	98	98	WSW 2	SW 2	10	10	72.4	22.8	25.3	97	93	Calm	SW 1	8	10	10.7
29	22.7	23.8	97	86	SW 6	SW 7	10	10	27.7	22.7	25.7	97	86	Calm	ENE 1	8	9	4.4
30	23.3	25.8	97	85	SW 2	SW 2	10	10	26.9	22.6	28.8	97	72	Calm	WSW 2	4	7	------
31	23.4	25.9	97	88	SW 2	SW 1	10	10	20.1	23.7	29.4	96	71	Calm	WSW 1	8	9	22.9
Mean	23.3	26.7	95.9	83.2	0.8	2.1	8	8.6	------	23	26.9	96.5	81.8	0.6	1.9	8.4	8.9	------
Total	------	------	------	------	------	------	------	------	778.8	------	------	------	------	------	------	------	------	573.7

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[a] The total rainfall in the "Monthly Bulletin" should be 778.8 mm. instead of 778.9 mm.

ANTIPOLO.

[$\phi=14°\ 36'$ N; $\lambda=121°\ 10'$ E.]

Day.	SEPTEMBER.[a]									OCTOBER								
	Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	21.3	28.8	98	72	Calm	W 2	8	8	4.3	22.6	28.6	97	79	Calm	Calm	4	8	10.4
2	22.4	26.6	97	83	Calm	WSW 3	10	10	33.8	23.1	32	96	63	Calm	Calm	8	6	4.1
3	23.8	24.4	96	95	NW 1	SW 4	10	10	35	22.5	27	96	84	Calm	Calm	9	9	3.6
4	23	25	99	88	W 5	SW 5	10	10	16.8	22.7	26.9	96	83	Calm	W 1	6	7	------
5	24.1	26.8	93	81	SW 3	SW 6	10	10	15.8	22	27.3	97	78	Calm	Calm	8	9	5.6
6	23.1	29.3	94	66	Calm	W 4	10	4	------	22.3	28.5	97	78	Calm	WSW 2	10	8	31.5
7	23.4	29.4	96	75	Calm	WSW 2	2	8	------	21.7	26.7	97	81	Calm	NNE 1	2	6	13
8	24.8	28.3	95	78	Calm	SW 3	9	9	4.6	22	26.6	96	83	NE 1	E 1	1	7	9.7
9	25	23.4	92	97	SW 1	SW 3	10	10	203.7	21.8	29.4	97	74	Calm	Calm	4	9	------
10	23.6	23.8	97	96	SW 2	S 2	10	10	180.6	22	26.7	96	84	Calm	SE 2	6	9	.5
11	21.8	25.8	98	82	SE 2	W 2	10	10	25.4	23.6	23.4	95	95	NNW 1	NNW 1	10	10	9.4
12	21.7	28.9	96	69	NE 1	SW 2	10	8	------	22	25.5	96	88	Calm	NNW 2	10	10	10.9
13	22.3	29.6	94	69	Calm	W 2	1	3	------	22.5	24.7	96	92	SSW 1	SW 4	10	10	29.5
14	23.3	29	94	71	Calm	W 2	8	8	------	23.4	23.3	97	97	SSW 4	SW 5	10	10	68.8
15	23.9	26.4	95	86	NW 2	W 1	10	10	4.8	23	28.2	97	75	Calm	WSW 3	9	8	2.3
16	24	23.8	96	95	SW 3	WNW 6	10	10	19.3	23.1	29.8	97	72	Calm	SW 2	10	7	------
17	23.7	28.3	97	71	Calm	WSW 4	10	9	------	21.1	28	94	74	Calm	SW 2	3	6	------
18	23.8	29.9	96	67	Calm	WSW 2	6	8	------	22	28.4	95	71	Calm	ENE 3	7	5	------
19	23.6	29	95	76	Calm	NW 1	10	10	.8	21.1	29.7	96	64	Calm	ESE 2	3	8	------
20	22.8	25.3	97	89	Calm	Calm	2	10	------	21.3	29.2	97	63	Calm	NNE 1	4	6	------
21	22.5	30	97	74	Calm	SSW 1	4	3	12.4	21.2	27.3	96	82	Calm	SE 2	3	9	13.5
22	22.4	30.4	97	69	Calm	SW 2	1	4	4.3	21.3	26.6	96	80	Calm	ESE 2	2	9	2
23	22.6	28.3	97	75	Calm	Calm	6	8	6.6	22.2	28.7	96	78	Calm	E 2	8	8	2.8
24	22.8	25.4	97	93	Calm	Calm	7	9	16.8	22	27.5	88	70	NE 1	S 1	2	7	------
25	21.7	28	98	79	Calm	SW 1	4	9	3	20	28.3	94	65	Calm	SSE 1	8	8	------
26	22.6	28.8	97	79	Calm	N 2	8	6	1.8	18	28.8	94	55	Calm	N 1	4	7	------
27	23.2	25.4	97	84	Calm	Calm	2	9	26.1	20	28.4	93	70	Calm	WSW 1	2	4	1.8
28	22.5	30.4	97	74	Calm	WSW 1	4	4	1.5	21.4	29.3	93	59	Calm	NE 3	6	3	------
29	21.5	28	97	80	Calm	N 2	2	9	19.8	21.4	29.8	91	64	Calm	N 1	3	5	------
30	22	29.9	97	72	Calm	Calm	3	4	------	20.5	30	94	67	Calm	SW 2	2	6	------
31	------	------	------	------	----------	----------	------	------	------	22.3	25.7	96	81	Calm	ENE 2	8	10	10
Mean	23	27.5	96.2	79.5	0.7	2.2	6.9	8	------	21.8	27.8	95.4	75.8	0.3	1.6	5.9	7.5	------
Total	------	------	------	------	----------	----------	------	------	637.2	------	------	------	------	----------	----------	------	------	229.4

Day.	NOVEMBER.									DECEMBER.								
	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	22.2	27.3	96	70	N 1	ENE 2	9	9	------	20.9	30.8	94	47	Calm	E 1	2	2	------
2	21	29.7	93	64	Calm	ENE 2	6	6	1	21.9	29.9	88	57	Calm	SW 2	9	4	------
3	22.5	30	91	67	Calm	E 2	8	6	------	19.4	30.3	95	52	Calm	Calm	1	3	------
4	22.1	26	95	84	Calm	ENE 2	8	10	2.8	20.8	28.3	91	60	Calm	E 3	9	4	------
5	22.7	26.8	97	81	Calm	NE 1	8	10	------	21.3	26.4	93	76	Calm	SE 1	4	8	3.8
6	22	28	96	77	Calm	NE 1	8	4	2.8	20	27.5	92	68	Calm	E 3	8	7	------
7	22.4	28.4	91	72	Calm	NE 2	8	9	------	20.2	29.5	91	52	Calm	NE 4	6	6	------
8	24.8	26.9	83	77	Calm	NE 2	7	9	2.3	22.4	29	82	58	NE 1	E 3	6	4	------
9	22.8	30.4	88	59	Calm	NE 3	8	4	1.5	23.6	27.4	78	64	NE 2	NE 4	7	3	.8
10	21.9	27.8	97	70	Calm	NE 3	7	10	------	20.6	28.2	91	62	Calm	NE 3	4	4	1.3
11	21.7	29.5	91	54	Calm	NE 3	4	3	------	21.8	30.1	94	60	Calm	E 4	7	3	1.5
12	20.2	31	91	52	Calm	NE 2	1	4	------	22.1	31.4	90	50	Calm	ESE 3	8	3	------
13	21.2	25.5	86	83	Calm	NW 1	8	9	------	22.7	29.3	88	57	Calm	NE 4	4	4	------
14	20	28.2	88	46	Calm	NE 4	6	6	------	20.9	28.7	83	59	Calm	NE 3	4	8	1
15	18.4	25.8	86	70	Calm	Calm	3	9	------	21.4	28.7	94	63	Calm	NE 3	8	6	------
16	19.6	27.8	98	68	Calm	E 1	9	7	------	22.6	28	95	73	Calm	ESE 2	10	9	1.3
17	20.7	27.8	96	67	Calm	SW 2	2	7	------	20.4	28.1	94	63	Calm	NE 4	6	10	5.6
18	20.4	28.4	90	58	Calm	N 1	6	2	------	21.9	23.4	96	93	Calm	Calm	9	10	5.1
19	21.5	28.4	90	64	Calm	E 3	3	7	------	21.5	28.6	95	65	Calm	NE 3	8	7	2.5
20	22.6	25.6	96	81	Calm	E 1	9	6	3.8	21.8	27.3	96	71	Calm	E 3	9	8	------
21	22.4	29.7	96	59	Calm	NE 2	7	3	------	21	29.6	90	58	Calm	NE 3	8	7	------
22	21.8	24.5	84	83	Calm	ENE 1	8	8	1	21.5	30.2	91	66	Calm	SSE 2	8	7	5.6
23	21	28.5	95	55	Calm	NE 4	7	7	------	22.6	26.6	94	80	NE 1	W 1	9	9	------
24	21.1	25.5	84	68	Calm	NE 2	8	7	------	21.9	27.4	95	66	Calm	E 2	10	10	------
25	18.8	27.9	82	54	Calm	NE 3	1	7	------	21.2	26.7	95	75	Calm	SE 1	9	10	.8
26	20.6	30	90	49	Calm	ENE 2	7	1	------	22.1	28.3	96	72	Calm	W 2	9	7	------
27	21.4	22.8	90	96	Calm	Calm	8	10	6.3	21.5	27.2	84	70	N 2	Calm	8	9	------
28	21.9	30.8	97	53	Calm	SE 2	8	3	------	20.5	27.2	96	76	Calm	Calm	7	7	2.3
29	20.9	29.3	95	72	Calm	SSE 1	3	3	------	21	28.6	83	56	ENE 1	NE 3	3	7	------
30	21.7	28.2	94	68	Calm	NE 2	3	7	------	22	25.4	91	80	Calm	WNW 1	10	10	.8
31	------	------	------	------	----------	----------	------	------	------	21.1	28.4	90	57	Calm	ENE 4	9	4	------
Mean	21.4	27.9	91.5	67.4	0	1.9	6.3	6.4	------	21.4	28.3	91.1	64.7	0.2	2.3	7.1	6.5	------
Total	------	------	------	------	----------	----------	------	------	21.5	------	------	------	------	----------	----------	------	------	32.4

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[a] The rainfall of the 3rd in the "Monthly Bulletin" should be 35 mm. instead of 34.5 mm.

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; borometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.54	60.02	22.8	28	93	70	Calm	SSW 2	10	10	0.5
2	59.38	57.70	22.4	30	96	64	Calm	WSW 2	10	6	------
3	59.54	58.22	20.5	30.4	95	68	Calm	NW 3	4	6	------
4	60.17	59.77	21	30.6	95	62	Calm	NW 2	8	5	------
5	59.63	58.72	21.4	28.5	95	70	Calm	NW 3	5	10	------
6	59.86	58.02	23.8	28.2	83	73	SE 3	NW 2	10	10	.5
7	59.23	58.05	20	29.6	94	63	NE 1	NNW 3	8	5	------
8	59.54	58.57	20	29.6	94	67	Calm	NW 3	6	6	------
9	59.37	57.75	20.3	29.5	95	68	Calm	NNW 3	1	7	------
10	58.76	57.91	22.9	26.6	94	87	Calm	NW 2	4	10	14.5
11	58.93	59	23.5	26.6	96	80	Calm	Calm	10	10	.1
12	59.64	58.45	20.8	28.4	93	71	Calm	NW 3	2	9	------
13	60.67	59.40	21.9	30	94	62	Calm	NNW 2	10	7	------
14	60.59	59.81	19.5	29.5	97	64	Calm	NNW 2	4	5	------
15	61.58	60.26	20.4	29.5	96	64	Calm	NW 3	3	1	------
16	61.87	60.69	20	29.6	95	69	Calm	WNW 3	1	2	------
17	61.02	60.02	20.8	29.5	97	61	Calm	NW 4	10	2	------
18	61.29	60.15	18	29.5	96	61	Calm	NW 4	4	4	------
19	60.99	59.94	17.8	28.8	96	62	Calm	WNW 2	1	3	------
20	61.74	60.44	18.9	28.6	95	66	Calm	NW 2	2	3	------
21	61.69	60.74	20.5	29.2	95	66	SE 1	NW 2	10	2	------
22	61.89	61.04	20	30.1	94	61	Calm	NW 2	7	5	------
23	62.29	60.80	20.5	30	91	61	E 1	NW 2	4	5	------
24	62.58	61.10	22.4	28.4	93	72	Calm	NW 3	10	10	------
25	63.53	62.52	22.1	26	92	85	SE 2	N 3	10	10	7.6
26	63.74	62.30	20.4	29	96	64	Calm	NW 3	10	10	------
27	63.52	62.25	18.5	29	85	58	E 1	NW 3	1	3	------
28	63.23	62.47	21.4	30.5	65	50	SE 4	W 2	1	5	------
29	63.59	62.66	17.4	29.5	90	58	Calm	NW 4	2	7	------
30	63.80	62.14	17.8	29.5	95	60	E 1	W 3	4	6	------
31	62.88	62.30	25.3	28.5	84	70	NE 5	NNW 3	6	7	------
Mean	61.20	60.10	20.7	29.1	92.5	66.4	0.6	2.6	5.7	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	23.2

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	63.98	62.46	18.9	30.9	86	50	E 1	NW 2	2	3	------
2	62.89	61.86	22.5	30	62	46	E 3	NW 4	5	5	------
3	62.02	60.35	18.3	29.5	91	56	E 1	NW 3	1	2	------
4	61	59.62	18	29.9	92	56	Calm	NW 3	1	2	------
5	60.82	59.89	19	29.7	90	59	Calm	NW 4	2	6	------
6	61.34	60.17	19	29.8	94	63	E 1	NW 3	2	3	------
7	60.94	59.77	21	30	91	65	E 1	WNW 3	10	5	------
8	60.18	59.75	20.9	28	92	70	ESE 1	WNW 2	8	10	------
9	60.69	60.16	22.6	30.5	81	56	E 1	WNW 2	4	8	------
10	60.72	60.58	21.2	30	95	62	Calm	W 2	10	10	10.2
11	61.17	60.92	22.4	29	95	71	Calm	NW 2	4	8	------
12	62.08	61	23.9	30	58	56	ESE 4	WNW 3	2	4	------
13	62.14	60.77	22.3	29.9	80	55	E 1	NW 2	10	2	------
14	62.60	61.75	19.1	30.1	95	58	Calm	WNW 3	2	6	------
15	62.84	62.20	20	28.8	94	72	Calm	NW 4	5	10	------
16	64.11	62.05	21	29	95	67	Calm	W 2	10	4	------
17	62.04	60.50	19.1	30.2	94	54	Calm	WNW 3	1	2	------
18	61.05	59.42	18.5	29	97	67	Calm	WSW 3	2	8	------
19	60.50	59.50	18.8	30	94	59	ENE 1	WNW 2	2	2	------
20	59.53	58.56	17.5	29.5	93	52	Calm	NW 3	5	10	------
21	59.02	58.01	21.9	30	87	62	ESE 1	NW 4	2	10	------
22	58.78	57.38	21.5	31.6	90	57	Calm	W 2	8	1	------
23	58.34	57.59	22	30.5	88	60	E 1	WNW 4	1	4	------
24	59.14	58.30	21.9	31.7	92	55	Calm	NW 3	4	2	------
25	59.92	59.40	19.9	30.2	95	67	Calm	NW 3	1	4	------
26	59.81	58.24	20	30.6	98	64	Calm	NW 3	8	1	------
27	59.83	58.16	20.5	30	97	64	Calm	NW 4	1	3	------
28	59.33	58.85	21.6	30.2	95	61	ESE 1	NW 4	4	4	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.96	59.90	20.5	30	89.3	60.1	0.6	2.9	4.2	5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	10.2

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.74	59.86	20	30.5	92	59	Calm	NW 4	3	6	------
2	61.07	59.30	21	30.3	91	63	E 1	NW 4	6	3	------
3	60.25	58.86	19.6	30	90	66	E 1	NW 4	2	5	------
4	59.94	58.66	21	29.7	95	63	E 1	NW 3	6	10	2
5	59.66	58.59	24.4	29	79	68	E 2	NW 3	10	10	------
6	59.66	58.48	21.5	31	95	62	Calm	NW 4	5	10	------
7	58.82	57.71	21.5	30	95	69	Calm	NNW 4	10	7	.3
8	58.09	56.51	23.1	30	94	68	SE 2	SW 2	4	2	------
9	57.14	56.50	22.5	31.5	96	69	Calm	WNW 3	10	5	------
10	58.03	57.55	23.2	31.4	94	68	Calm	W 2	10	4	------
11	58.65	57.73	21.4	31.5	91	59	Calm	W 2	2	3	------
12	59.24	57.65	21	31.2	98	62	Calm	NW 4	2	3	------
13	58.98	57.33	21.4	31	95	62	Calm	NW 3	8	2	------
14	59.27	57.93	23.3	31.8	93	61	Calm	NW 4	5	5	------
15	59.09	57.65	24.6	31.6	82	65	SE 2	W 3	8	9	------
16	58.82	57.48	20	32	95	57	Calm	WSW 3	2	2	------
17	59.39	57.33	19.1	32.1	87	54	E 1	WNW 3	1	1	------
18	58.95	57.93	19.8	31.5	94	57	Calm	WNW 3	2	2	------
19	58.69	57.76	21.5	31	90	57	ESE 1	W 2	4	2	------
20	59.59	58.63	20.4	31.3	91	58	SE 1	NW 4	2	2	------
21	58.57	56.95	20	31.8	91	50	Calm	W 2	1	1	------
22	58.06	57.95	19.7	30.7	95	59	Calm	WSW 3	9	4	------
23	57.66	57.01	21	31.5	95	60	Calm	W 2	3	4	------
24	59.36	58.88	23.5	31.5	87	60	Calm	NW 4	10	4	------
25	60.53	58.64	21	31	95	66	Calm	NW 4	5	5	------
26	60.08	59.20	22	30.3	91	63	Calm	SW 2	4	10	.5
27	60.77	59.64	23	30.6	74	58	E 1	SW 2	2	9	------
28	61.50	59.61	19	31.4	95	57	Calm	NW 4	5	4	------
29	60.88	59.30	20.5	31.5	91	65	Calm	NW 4	7	10	------
30	60.52	59.53	21.5	31.5	95	63	Calm	WNW 2	6	5	------
31	60.03	59.41	20	29.6	91	70	E 1	NW 3	9	10	------
Mean	59.42	58.24	21.3	31	91.5	61.9	0.5	3.1	5.3	5.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	2.8

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.93	58.80	25.9	32	67	55	E 2	NW 3	10	4	------
2	59.84	58.18	20	31	94	62	Calm	WNW 2	3	4	------
3	58.82	58.29	20.6	31.5	94	59	Calm	NW 3	6	10	------
4	59.34	58.61	19.8	31.2	92	58	Calm	NW 2	4	6	------
5	59.52	58.43	20.7	30.8	89	60	SE 1	W 2	4	10	------
6	59.07	57.65	21.2	30.4	89	53	Calm	SW 2	10	10	------
7	58	57.88	20	31.5	92	57	Calm	WNW 2	5	6	---
8	58.60	57.90	21.3	31.5	93	58	Calm	WNW 2	3	2	------
9	59.08	57.96	21.5	31.3	90	65	Calm	WSW 3	2	4	------
10	59.06	57.84	21.1	31.1	94	58	Calm	SW 3	2	2	------
11	58.97	57.94	22.6	32	89	59	Calm	W 2	1	2	0.8
12	59.22	58.03	22.5	32	94	63	Calm	NW 3	1	2	2.3
13	59.33	57.70	23	32.4	93	61	Calm	WNW 2	5	8	------
14	59.32	58.16	24.5	32.6	87	61	ESE 1	W 3	6	8	1.4
15	58.86	57.33	25.5	32.5	89	62	Calm	WSW 3	10	4	70.4
16	58.43	56.80	23	30.4	95	69	Calm	NW 3	6	10	1
17	58.70	58.03	23.9	28.3	95	82	ESE 1	E 2	4	10	2.5
18	59.27	58.55	24.5	31	91	68	E 1	SW 3	10	8	------
19	58.85	58.89	23.1	28.2	90	69	Calm	N 3	10	10	------
20	59.48	58.25	21.9	31.8	90	60	Calm	NW 2	3	8	.3
21	59.64	57.93	22.5	32.5	92	61	Calm	W 2	2	8	------
22	59.35	58.06	24.3	32.6	81	57	SE 1	WSW 3	6	2	------
23	58.53	56.42	24	35	80	44	E 2	SE 4	2	2	------
24	57.31	56.29	25	32.5	73	54	SE 2	NW 3	1	5	------
25	57.65	55.99	22.4	33	89	55	Calm	NW 3	1	7	.1
26	57.91	56.94	25	32	73	60	SE 2	NW 3	1	6	------
27	58.32	57.24	23.4	32.6	80	57	E 1	NW 3	1	5	------
28	58.14	57.08	24.5	33	79	52	E 1	NW 3	5	5	------
29	58.28	56.10	21.1	32.9	90	56	Calm	NW 2	1	3	------
30	57.96	56.30	24.4	32.4	78	56	ESE 2	SW 3	1	5	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.83	57.65	22.8	31.7	87.4	59.7	0.6	2.6	4.2	5.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	78.8

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; borometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.02	56.47	24	32.6	95	59	Calm	WSW 3	4	8	6.1	58.42	56.88	24	32	91	63	E 1	SW 2	5	4	------
2	57.39	56.60	24.5	32.2	86	60	SE 2	WNW 2	10	5	3	57.79	57.30	24.3	32.5	79	58	ESE 1	WSW 2	5	1	------
3	58.21	57.74	24.6	32	82	57	Calm	NW 2	4	4	------	57.84	56.53	24	32.4	96	64	Calm	WNW 2	1	4	------
4	57.89	56.94	24	32.5	90	59	Calm	NW 2	3	2	4.7	56.60	56.34	24.7	31.8	94	66	Calm	SW 2	9	10	11.8
5	57.28	55.68	23.9	32	94	65	Calm	NW 2	6	4	14.2	56.30	54.95	23.5	31.6	96	67	Calm	SSW 3	8	4	10.9
6	56	55.56	24	31	95	67	Calm	NW 1	10	10	------	56.57	56.40	24.9	31.5	92	70	SE 2	SW 2	10	10	------
7	54.84	54.29	25.6	29.6	82	70	E 2	SE 3	10	10	.5	57.28	55.71	24	32	93	66	E 1	SSW 3	10	10	37.9
8	53.86	55.07	27	27	70	70	SE 4	SE 3	10	10	27.1	56.95	56.23	24.1	31.4	90	66	E 1	S 2	10	9	18.6
9	54.77	55.43	26	26	85	85	S 4	WSW 2	10	10	74.3	57.99	56.69	24.5	29.6	91	78	SE 2	SW 3	10	10	------
10	56.46	56.33	26.5	29.2	92	81	SW 2	SW 3	10	10	42.4	58.18	57.15	24.5	29.2	92	73	SE 1	SSW 2	10	10	.2
11	57.55	57.62	24.5	29.4	96	76	ESE 1	S 2	8	8	14.2	58.41	56.47	25	30.5	88	71	SE 2	SW 3	10	9	1.5
12	59.06	58.53	24.5	30	87	71	SE 2	S 2	7	4	------	57.99	56.41	24.5	31.4	96	65	SE 2	S 4	10	10	97.3
13	59.03	57.82	23	30.4	91	70	ESE 1	SSW 2	2	1	------	58.83	56.71	24	31	95	71	S 2	SSW 4	10	10	.5
14	58.28	57.26	23	30.8	95	71	Calm	SW 2	1	1	------	57.86	56.55	26	31.2	80	68	SE 3	S 4	3	10	9.8
15	58.07	57.60	23	31	96	68	SE 1	SW 2	1	1	------	57.44	57.01	24.4	31.5	87	69	SE 3	SSW 3	10	5	------
16	58.88	58.48	22.6	30.9	95	71	SE 1	SW 2	1	4	------	57.48	56.52	24.3	30.4	92	72	SE 1	S 2	9	10	------
17	59.76	58.65	23	31.6	95	70	SE 1	SW 2	1	4	------	57.88	57.45	25.4	31	93	75	SE 1	SSW 3	10	5	------
18	59.80	58.48	23.4	31.5	91	68	Calm	SW 2	6	5	------	59.11	57.87	25.5	30	91	75	SE 2	S 3	10	9	1.6
19	58.96	58.49	23.5	32.1	92	62	Calm	WSW 2	4	3	------	60.95	59.63	25.2	31	93	68	SE 2	S 2	10	6	.1
20	58.98	58.49	23.4	32	93	64	Calm	WNW 2	4	10	------	60.24	59.45	23.5	30.1	91	73	ESE 2	SW 2	3	10	------
21	57.99	58.49	24.8	29	85	78	SE 2	SW 1	2	10	21.1	59.05	58.25	23.5	31.4	96	68	E 1	SW 2	10	8	------
22	58.49	57.31	23	32	95	63	Calm	SW 2	3	2	------	58.81	58.41	23.5	31.8	96	67	E 1	SW 2	4	4	------
23	57.92	56.55	23.6	32	90	66	Calm	NW 3	4	5	------	59.37	58.73	24	32	93	66	ESE 1	SW 2	3	4	------
24	56.94	56.49	23.5	32	95	63	Calm	NW 2	8	7	1.3	59.45	58.74	24	30.3	91	72	ESE 1	Calm	5	10	3.7
25	58.19	57.52	23.5	31.5	96	66	Calm	W 2	6	8	.5	59.35	58.99	24	31	95	69	Calm	WSW 1	10	10	------
26	58.85	57.79	23.5	31.5	96	69	E 1	WSW 3	10	10	10.7	59.25	57.93	23.3	32	93	57	Calm	SW 2	10	10	------
27	58.90	58.35	23.5	29	94	75	SE 1	E 2	10	10	.8	58.58	58.05	23.5	29.8	92	71	SE 2	Calm	6	10	1.7
28	57.94	56.68	22.6	30	95	70	Calm	SW 2	10	8	6.9	59.45	58.77	24	28	91	79	SE 1	SSW 2	10	10	117.3
29	57.54	57.05	23.5	31.5	93	68	Calm	SW 2	3	3	------	59.60	58.62	23.4	29.6	91	71	SE 2	SSW 1	10	10	.1
30	58.80	57.84	24	32	95	66	E 1	NW 2	4	3	------	58.70	56.71	22.8	32	93	59	Calm	WSW 1	8	4	.2
31	59.06	57.31	22.5	32.6	87	54	Calm	NNW 2	6	6	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.81	57.19	23.9	30.9	91.1	67.8	0.8	2.1	5.7	6	------	58.37	57.38	24.2	31	91.7	68.6	1.3	2.2	8	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	227.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	313.2

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.19	57.48	23	32	96	67	Calm	W 2	4	7	0.3	55.58	55.45	25	26.4	96	92	ESE 1	S 2	10	10	63.7
2	58.91	58.35	22.5	31.2	96	61	E 1	SW 2	10	10	6.6	56.55	56.97	23.9	27	96	83	SE 2	S 4	10	10	6.9
3	59.39	58.04	23	31.9	96	57	Calm	W 2	3	10	3.7	57.56	57.67	24.1	25.6	95	90	SE 1	S 1	10	10	2.1
4	58.37	57.78	23.3	31.9	94	64	Calm	NW 1	2	10	------	57.04	56.80	24	24	95	95	Calm	E 1	10	10	142.8
5	58.01	57.09	24.2	31.4	94	72	ESE 1	NNW 2	5	10	1.1	55.83	55.72	23	25.5	98	93	SE 1	Calm	10	10	22.9
6	57.35	57.01	24.5	31.4	91	68	SE 2	SSW 3	10	10	------	55.84	55.26	23.5	25.4	99	92	Calm	NW 1	10	10	83.7
7	57.23	56.10	24.3	32	91	67	ESE 1	SSW 3	1	4	14.5	56.10	55.94	23.7	27.5	96	81	Calm	S 2	10	10	97.6
8	57.68	56.70	24	31.3	96	69	Calm	S 4	4	5	28.4	56.65	56.44	23.6	24.7	97	94	SE 2	SW 1	10	10	63.4
9	58.07	56.81	24.6	30.5	98	72	NNE 1	SW 2	10	10	10.8	57.10	57.55	25.1	29.6	96	77	Calm	S 2	10	10	12.3
10	57.19	56.40	24.5	28.8	96	76	Calm	SSW 2	10	10	7.9	57.39	56.81	26.9	29.5	90	77	SW 2	SW 2	10	10	51
11	57.15	56.35	24.2	28.8	93	75	SE 1	SW 2	10	10	39.5	56.20	55.95	26.5	26.5	92	92	SW 2	SSW 1	10	10	120.1
12	58.02	57.90	24.4	29.7	97	71	SW 1	SW 1	10	10	6	56.40	55.99	23.3	25.6	96	90	SE 1	S 1	10	10	6.5
13	58.02	57.44	23.2	29.5	98	75	ESE 1	W 1	10	10	8.7	56.60	56.13	22.5	29.5	94	68	SE 1	S 1	10	10	6.1
14	56.20	55.30	23.2	31.5	98	72	Calm	NW 2	10	10	.4	56.50	56.59	23.5	25.5	97	91	SE 1	SW 2	10	10	21.3
15	53.19	51.32	23.5	31.4	96	72	NE 1	NW 2	10	10	27.5	55.28	53.63	24.3	29.2	97	80	N 1	WNW 2	10	10	17.5
16	51.81	51.63	24.6	25.9	98	93	NE 1	SW 2	10	10	250.3	51.43	53.50	26	26	95	95	W 2	N 2	10	10	35.3
17	53.54	53.82	23.5	29.7	97	71	E 2	S 2	10	10	23.8	56.76	58.07	24.6	29.5	87	72	SE 2	S 2	10	10	------
18	54.59	54.23	24	28.3	97	79	E 2	S 2	10	10	27.6	58.91	58.36	24.5	28.5	87	88	SE 1	NW 2	10	10	3.6
19	54.04	54.03	24.9	28.6	97	82	S 1	SW 2	10	10	147.1	57.47	56.15	23.7	28.8	98	86	Calm	NNW 2	4	10	.7
20	55.84	56.09	24	24	97	97	SE 2	SE 2	10	10	233.9	55.64	56.06	24.1	26.5	94	88	SE 1	SW 1	10	10	8.8
21	56.24	56.07	23.2	21.6	98	95	SE 2	SSE 2	10	10	87	56.19	55.95	23.5	30.6	92	73	SE 2	SSW 2	4	8	15.3
22	55.20	53.95	23.5	26.5	99	90	SE 2	SW 3	10	10	58.6	56.26	55.95	23.5	26.1	97	86	SE 1	ENE 1	10	10	1.3
23	53.30	52.48	24	26.2	97	90	SE 1	S 1	10	10	48.2	56	55.74	23.5	26.4	96	87	ESE 1	ESE 1	10	10	11.5
24	52.59	52.84	25.8	25.8	88	88	SSW 3	S 2	10	10	46.4	56.19	56.12	22.6	29	97	78	SE 1	S 3	4	10	32.7
25	54.10	54.93	25.6	26	95	95	S 3	S 2	10	10	113.1	57.63	58.15	24	25.4	95	92	SE 1	SSW 2	10	10	86.7
26	56.59	56.21	24.8	29.9	95	79	SSE 2	SSE 3	10	10	8.9	57.44	56.97	23.4	26	97	84	SE 1	S 2	8	10	22.4
27	56.57	55.85	25.6	28.5	88	77	SSE 2	S 3	10	10	77	53.38	-----	23	-----	96	-----	Calm	S 2	6	10	68.1
28	54.56	53.58	24	25	96	92	Calm	Calm	10	10	92.7	52.67	52.41	24.8	29.3	88	74	SE 2	S 3	8	10	2
29	49.59	49.37	25.4	25.4	95	95	WNW 4	WSW 5	10	10	152.1	56.15	55.87	24	29.9	93	69	SE 2	S 3	10	10	2.5
30	52.60	53.29	25	25.2	92	92	SW 3	S 2	10	10	100	57.73	57.27	24	27.7	95	87	ESE 1	SSW 1	10	10	10.7
31	54.90	55.67	25.2	26.8	93	89	SSW 2	SE 2	10	10	35.4	57.87	56.62	23.2	30	95	74	SE 1	SSW 2	4	10	6.4
Mean	55.78	55.29	24.2	28.7	95.2	78.8	1.4	2.1	8.7	9.5	------	56.27	56.20	24	27.4	94.7	84.3	1.1	1.7	9	9.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,657.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,025.9

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; borometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.32	55.15	23	29.6	97	77	E 1	WNW 2	5	10	0.3	58.38	57.71	22.5	31.9	96	67	Calm	NW 1	2	5	------
2	54.24	52.77	23	30	97	75	Calm	W 2	10	10	45	58.42	57.67	23.5	27.4	96	89	Calm	NE 2	4	9	------
3	51.15	50.68	23.5	25.2	96	90	Calm	WNW 1	10	10	141.1	57.86	57.47	22.5	29.5	96	71	Calm	SSW 1	5	10	------
4	51.41	51.53	24.2	27.3	93	82	W 3	WSW 3	10	10	10.5	58.22	57.81	24.6	27.2	91	79	ESE 1	NE 2	7	10	------
5	54.34	55.35	26.5	28.5	91	84	SSW 3	SSW 3	10	10	27.8	58.60	57.66	23.6	27.8	97	79	Calm	NNE 2	10	10	2.8
6	57.20	57.15	26.5	29.9	88	79	SSW 2	SSW 2	10	7	5.6	58.28	56.89	22.4	31.4	96	63	Calm	W 1	6	8	6
7	57.97	57.78	24.5	29.4	92	76	SE 1	S 2	10	10	8.6	58.72	57.71	23.1	31.8	97	67	Calm	WNW 2	5	5	.8
8	58.06	56.98	26.5	28	91	85	SW 1	SW 2	8	10	21.7	59.04	57.69	22.9	32	96	66	ESE 1	SW 1	2	7	2.8
9	56.19	55.43	27.2	27.3	90	90	SW 2	W 2	10	10	85.9	57.69	55.87	22.5	31.8	96	61	Calm	NW 1	5	10	.7
10	53.90	53.35	25	25	96	96	SW 2	SW 2	10	10	126.5	56.29	55.26	23.4	27.4	97	81	ESE 1	E 1	4	10	------
11	52.76	53.44	24.3	25.8	96	89	S 2	SE 1	10	10	214.5	55.10	53.82	23.9	29.6	97	74	Calm	WSW 1	10	10	6.5
12	56.20	56.84	23.5	26.6	96	87	SE 2	SSW 2	10	10	9.6	54.08	52.84	23.4	28.5	97	85	E 1	SW 1	10	10	5.6
13	59.71	58.67	23.5	30	96	73	E 1	SSW 2	2	2	------	51.50	50.30	24	31.5	97	72	Calm	WSW 1	10	10	44.4
14	59.74	58.72	23	29.5	96	77	Calm	WNW 2	2	10	.6	51.31	51.49	24.5	25	97	96	SSE 1	SSE 2	10	10	24.5
15	58.57	57.07	25.2	27.9	94	85	N 1	NW 2	10	10	23.8	53.49	54.71	25.4	29.2	88	76	NNW 2	NNW 2	10	10	1.5
16	56.02	56.33	26.5	27.4	92	89	WSW 2	WSW 3	10	10	15.6	57.59	57.27	22.4	29.9	96	69	Calm	NW 3	6	3	------
17	57.69	57.73	26.4	29.4	92	79	S 1	SSW 2	10	10	15.6	58.98	57.90	20	30	98	62	Calm	WNW 2	4	2	------
18	58.32	58.05	24.6	30.4	95	76	SE 1	SSW 2	10	10	------	59.64	58.17	22.6	30.5	93	63	E 1	W 2	2	4	------
19	59.32	58.61	23	29	96	74	Calm	SW 1	10	10	------	59.67	58.85	24	28.4	91	77	Calm	SW 1	10	10	.6
20	58.98	58.46	22.5	26.4	96	92	Calm	NE 1	2	10	23.8	59.67	59.46	22.8	28	93	85	E 2	NNE 2	2	10	------
21	57.62	56.80	23	29	97	78	Calm	SW 2	4	10	------	60.24	58.90	22.5	31.9	96	62	Calm	W 2	2	8	------
22	57.82	57.79	23	30.9	98	69	Calm	SW 1	1	8	1.2	59.78	57.96	22.1	30.9	99	62	Calm	W 2	1	6	------
23	59.49	58.99	22.9	31	96	72	Calm	NW 2	4	8	1.3	58.48	57.31	22.9	31.5	96	63	Calm	WSW 1	10	10	9.7
24	59.29	58.52	22.5	30	97	74	Calm	W 2	3	8	2.5	59.19	58.90	24.5	30.2	79	70	SSE 2	NW 2	10	10	------
25	58.97	58.22	22.5	28.2	96	80	Calm	NW 1	4	10	16.7	60.59	59.07	22	31	87	61	ENE 1	NW 2	5	4	------
26	58.57	57.86	23.5	29.5	87	72	S 1	SW 1	4	8	.3	60.13	58.37	23	31.4	66	57	ESE 3	E 2	5	7	------
27	59.27	59.25	22.6	27.4	95	81	E 1	NNE 2	5	10	1.2	59.82	58.44	18.9	30.5	95	56	Calm	NW 2	4	4	------
28	59.14	58.35	21	31.5	95	66	Calm	SW 2	1	3	------	60.38	59.42	20.5	30.9	93	62	Calm	NW 2	3	4	------
29	58.84	57.57	22.5	32	96	69	Calm	NW 2	1	6	4.3	60.82	59.75	22.5	31.5	82	59	ESE 2	NW 2	1	3	------
30	58.10	57.62	23.1	31.3	97	70	Calm	SW 2	6	7	2.2	60.87	59.06	20.9	30.9	93	61	E 1	WNW 2	1	1	------
31	------	------	------	------	------	------	------	------	------	------	------	59.64	58.80	23	32	91	60	ENE 1	NW 1	8	8	1.6
Mean	57.17	56.70	24	28.8	94.5	79.5	0.9	1.9	6.7	8.9	------	58.14	57.18	22.8	30	93	69.5	0.6	1.6	5.6	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	806.2	------	------	------	------	------	------	------	------	------	------	107.5

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.05	58.77	23.5	28.9	92	69	Calm	SE 2	10	10	------	60.26	59.10	21.4	30.5	95	67	Calm	WNW 3	1	7	0.6
2	59.71	58.61	23	31.5	91	64	Calm	NW 2	10	8	------	60.63	59.35	19.9	30	95	57	Calm	NW 2	4	2	------
3	60.12	58.64	21.6	32.5	96	59	Calm	NW 2	5	4	------	61.26	60.78	20	30.5	98	59	Calm	NW 2	4	8	------
4	60.10	58.56	22.9	30.4	92	65	Calm	SE 2	4	10	------	62.77	61.35	20	30.4	94	63	Calm	NW 4	1	5	------
5	59.98	59	24.3	31.6	91	63	Calm	N 1	10	10	------	62.69	61.15	21.4	28.6	93	66	E 1	NW 2	8	10	------
6	60.49	58.75	22.9	30.5	96	71	Calm	NW 2	6	10	------	62.53	60.73	23.5	29.5	71	64	ESE 3	NW 2	4	10	------
7	60.35	58.58	22.5	33	96	60	Calm	W 2	10	8	------	61.97	60.31	21.5	30.5	83	59	Calm	NW 3	2	2	------
8	60.28	59.49	24	33	83	58	E 2	WNW 2	2	5	------	60.93	59.75	22.6	28.2	78	69	ESE 1	W 2	1	10	------
9	60.36	58.46	21.7	32.1	94	61	Calm	NW 2	8	4	------	60.41	59.60	24	31	75	53	E 2	NW 2	6	7	------
10	60	58.19	22.5	32.8	96	61	Calm	NW 2	10	5	------	61.01	59.61	22.5	30.6	75	67	ESE 1	WNW 3	5	5	------
11	60.26	58.66	21.5	31.5	95	63	Calm	NW 2	2	1	------	60.11	58.47	20.2	32	89	52	NE 1	NNW 4	4	9	------
12	60.32	59.53	20	31.5	91	59	E 1	W 2	1	2	------	59.74	58.10	20.6	30.7	90	61	E 1	NNW 3	1	8	------
13	60.76	59.70	21.6	30	95	67	Calm	WNW 2	4	10	------	59.64	58.85	21.4	30.5	92	66	Calm	NW 2	2	8	16.5
14	60.66	59.16	23.5	32	71	49	ESE 3	NE 2	10	5	------	59.06	58.12	23.5	29.6	79	70	E 2	WNW 3	1	3	------
15	61.28	60.70	22	30.6	66	47	SE 2	NW 2	5	9	------	59.51	57.96	24	30.5	77	61	ESE 2	NW 2	10	4	------
16	61.89	60.27	19.5	30.5	95	62	Calm	NW 2	8	4	------	60.22	59.20	22.2	29.5	95	71	Calm	NW 1	10	10	.8
17	60.98	59.72	20.5	29.5	95	68	Calm	NW 2	1	10	------	60.58	59.16	21	30.2	95	65	Calm	NNW 3	5	10	------
18	61.91	60.54	22.5	31.4	96	60	Calm	WNW 2	10	5	------	60.45	59.76	24.5	29.4	75	65	E 1	NW 2	10	10	.3
19	61.72	60.58	20.2	31	94	59	Calm	NW 2	1	1	------	61.41	60.21	23.2	30	86	65	Calm	NW 2	10	10	------
20	62.16	61.28	22	31	91	62	ESE 1	NW 2	1	7	2.4	62.09	60.06	22.6	29.5	93	68	Calm	NW 2	10	10	------
21	61.83	60.05	20.1	31.4	97	57	Calm	WNW 2	1	1	------	61.14	59.60	21.5	30.6	91	62	Calm	NW 2	2	10	------
22	60.45	59.44	23	31	79	62	ESE 1	W 3	2	2	------	60.22	57.97	21.6	32	95	54	Calm	WNW 2	10	4	------
23	61.68	60.61	22.8	31.5	81	63	SE 2	WNW 3	3	5	------	59.66	58.34	20.9	30.9	95	69	Calm	NW 3	2	9	------
24	61.81	60.77	21.5	31.6	74	53	ESE 1	WNW 3	1	1	------	59.97	58.96	22	30	93	67	Calm	NW 2	2	10	------
25	61.86	60.29	23	31.2	61	47	SE 3	WNW 3	1	1	------	59.41	58.72	20.7	29.6	96	70	Calm	NW 2	7	10	------
26	60.27	58.75	20	30.7	85	54	E 1	NW 3	1	4	------	59.93	58.78	22.5	29.6	94	67	Calm	NW 4	10	4	------
27	58.15	56.76	21.4	30.4	92	66	NE 1	NW 2	10	10	------	59.43	58.50	19	28.5	95	64	NE 1	NNW 6	4	9	------
28	58.35	57.92	21.5	30.4	88	60	ESE 1	NW 3	8	6	------	60.98	59.82	19.4	27.2	96	65	Calm	NNW 4	10	10	------
29	59.69	58.49	21	31	95	62	ESE 1	WNW 2	1	2	------	61.64	60.61	18.9	29.6	86	58	Calm	NW 3	2	5	------
30	59.68	59.11	20.6	30.6	96	62	Calm	NW 2	1	8	------	63.48	62.47	22.6	30	91	67	Calm	NW 2	10	10	------
31	------	------	------	------	------	------	------	------	------	------	------	63.28	62.33	24.2	31	71	57	E 2	NW 2	8	7	------
Mean	60.57	59.31	21.9	31.2	88.8	60.4	0.7	2.2	4.9	5.6	------	60.85	59.60	21.7	30	88.1	63.5	0.6	2.6	5.4	7.6	------
Total	------	------	------	------	------	------	------	------	------	------	2.4	------	------	------	------	------	------	------	------	------	------	18.2

SAN FERNANDO, UNION.

[φ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, −1.65 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.89	60.16	23.1	29.4	96	65	Calm	W 2	8	10	2	64.94	63.46	18.5	28.9	95	65	E 1	W 2	1	0	------
2	60.63	58.42	23	29	96	74	Calm	WSW 2	10	5	.5	63.94	62.73	18.9	29	93	60	E 0	WSW 2	4	4	------
3	60.04	59.19	22.3	30.4	96	72	E 0	WNW 2	1	2	------	62.90	61.32	18.3	28.6	95	63	Calm	W 2	1	0	------
4	60.87	60.70	22.5	28.4	96	75	E 0	WSW 2	2	9	------	61.25	60.26	19.4	28.4	95	70	Calm	WNW 2	1	1	------
5	60.76	59.45	22.8	30.5	95	67	E 0	WNW 2	6	5	------	61.34	60.38	18.4	29.4	95	65	E 1	W 2	1	2	------
6	60.12	58.73	23.1	26.6	93	80	Calm	NNW 1	10	10	21.8	61.72	60.77	19.8	28.7	95	69	E 0	W 2	2	1	------
7	60.03	58.62	22	29.2	97	67	Calm	WNW 2	5	2	------	61.29	60.72	20.8	29.4	92	66	Calm	W 2	4	4	------
8	60.29	59.25	20.9	29.5	96	68	Calm	WNW 1	7	0	------	60.62	59.82	21.5	29.7	95	63	E 0	WSW 2	1	2	------
9	60.19	58.37	21.5	29.4	95	72	Calm	NNW 2	1	0	------	61.04	60.13	22.8	31	84	56	Calm	WSW 2	10	3	0.3
10	59.26	58.17	22.5	29.9	97	69	Calm	WSW 2	6	3	------	61.04	60.80	23.4	30	93	65	Calm	W 3	4	1	------
11	59.75	59.11	24.3	28.8	93	73	Calm	WNW 2	10	10	.8	61.60	61.08	21.2	30.2	95	63	E 1	WNW 2	5	7	------
12	60.42	59.12	22.7	29	97	70	Calm	WNW 2	10	9	.3	62.74	61.71	20.9	28.5	94	64	Calm	WSW 2	4	1	------
13	61.39	59.88	22	29.4	95	66	E 0	WNW 2	7	1	------	62.89	61.46	20.5	29	92	66	Calm	WSW 2	1	1	------
14	60.89	59.82	23.9	30	93	64	Calm	W 2	10	5	------	62.98	62.12	20	30.9	93	53	E 0	WSW 2	1	0	------
15	61.81	60.73	22.2	28.9	96	74	E 0	WSW 2	8	1	------	63.33	62.61	20.7	29.7	91	66	E 0	W 2	3	7	------
16	62.14	61.07	22.9	29.5	96	67	ESE 0	WNW 2	10	1	------	64.40	62.78	20.9	29.8	94	62	E 0	WSW 1	10	0	------
17	61.35	60.78	19.2	29.7	97	68	E 0	WNW 2	1	0	------	62.54	61.26	19.9	28.9	94	65	Calm	WSW 2	1	1	------
18	61.49	61	19.1	28.6	93	66	Calm	NNW 3	2	4	------	61.19	59.86	19.8	29.1	93	66	Calm	SW 2	2	0	------
19	61.44	60.16	18.5	28	92	65	E 0	WSW 2	1	1	------	60.84	60.17	20.7	29.9	92	63	E 0	WNW 2	6	1	------
20	62.05	60.63	19.6	29.2	95	57	Calm	WSW 2	2	4	------	60.23	59.67	18.8	28.1	91	67	E 0	WSW 2	2	7	------
21	61.74	61.04	20	29.6	93	67	E 0	W 1	2	0	------	59.84	58.24	21.2	29.8	93	62	Calm	NNW 2	1	10	.3
22	62.68	61.77	22.3	29.5	88	62	ENE 1	WNW 2	6	2	------	59.23	57.27	20.3	33.6	95	50	E 1	WSW 2	2	1	------
23	62.63	61.39	19.1	30.3	95	59	Calm	WNW 2	1	1	------	58.88	57.69	22.3	30.7	95	60	Calm	NW 2	2	1	------
24	62.99	61.75	19.8	29.9	94	66	E 0	NNW 2	3	8	------	59.61	58.76	22.3	31.5	94	57	E 0	WSW 2	10	1	------
25	63.72	63	23.5	28.3	90	80	ESE 0	NNW 3	10	10	------	60.19	59.67	21.7	30.4	94	64	E 0	WNW 2	1	0	------
26	64.29	63.07	21.6	28.8	95	63	Calm	WSW 2	10	4	------	59.98	59.18	22.1	30.6	95	63	Calm	NNW 3	3	1	------
27	63.96	62.73	21.4	27.8	90	62	E 0	WNW 2	8	1	------	60.09	58.84	20.6	29.9	95	58	Calm	W 2	4	1	------
28	63.99	63.52	19	28.1	94	60	Calm	W 2	2	2	------	59.62	59.28	21.8	30.9	93	63	E 0	W 2	2	1	------
29	64.14	63.14	17.9	28.5	95	58	E 1	WSW 2	1	0	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
30	64.40	62.85	19	29.6	95	56	E 0	W 2	2	1	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
31	63.79	63	19.9	29.1	95	60	Calm	W 2	2	5	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	61.75	60.67	21.3	29.1	94.5	66.8	0.1	2	5.3	3.7	------	61.44	60.43	20.6	29.8	93.4	62.6	0.1	2	3.2	2.1	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	25.4	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0.6

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.19	60.68	20.7	30.6	94	58	E 0	NNW 2	4	1	------	60.50	59.11	26	31.9	79	57	ENE 0	WSW 2	10	4	------
2	60.66	60.22	21.4	29.5	95	60	Calm	WNW 2	4	0	------	59.88	58.63	24.6	31.5	82	57	ESE 0	WNW 2	4	1	------
3	60.72	59.58	20.5	30.4	91	59	E 0	W 2	2	1	------	59.38	58.67	24.1	31.1	83	61	ENE 0	WNW 2	9	8	------
4	60.17	59.19	22.2	30	94	59	E 0	W 2	4	8	------	59.64	58.11	22.5	33.5	90	48	E 0	W 2	9	1	------
5	60.24	59.31	24.8	30.7	85	64	Calm	W 2	10	5	------	59.87	58.44	24.7	32.5	86	50	Calm	WNW 2	10	1	------
6	60.02	58.76	22.9	31.2	90	64	Calm	W 2	7	6	------	59.15	57.72	23	32	85	52	Calm	WNW 2	8	4	------
7	59.33	57.84	23.1	31.7	90	56	Calm	W 2	4	5	------	58.53	58.02	22.4	31	88	62	Calm	WNW 2	3	0	------
8	58.52	56.67	24.9	31	89	65	Calm	W 2	10	1	------	58.90	58.12	22.6	31.9	89	55	Calm	W 2	2	1	------
9	57.65	56.80	23.9	31.5	91	63	E 1	W 2	9	4	------	59.32	58.10	24.6	31.6	86	59	Calm	W 2	9	6	------
10	58.19	57.73	24.2	31.1	91	64	Calm	W 2	4	4	------	59.33	57.90	24.9	32.9	83	53	ESE 1	W 2	4	1	------
11	59.33	57.88	23.1	32.2	92	57	E 0	W 2	5	4	------	59.28	58.11	25	31.3	84	63	ESE 1	W 2	2	1	------
12	59.35	58.08	23.2	31	96	65	Calm	W 2	7	1	------	59.67	58.50	25.8	32	81	66	ESE 0	WNW 2	4	8	------
13	59.10	57.68	21.6	30.9	95	62	E 0	W 2	2	0	------	59.67	57.95	24.6	32.5	87	60	Calm	WNW 2	2	1	------
14	59.79	58.22	23.9	31	86	60	Calm	WNW 2	8	0	------	59.69	58.50	24.5	31.9	91	67	Calm	WSW 2	1	5	------
15	59.65	58.47	22.9	31.5	88	59	Calm	WNW 2	4	8	------	59.08	57.55	24.5	32.9	87	61	Calm	WNW 3	2	1	------
16	59.43	57.92	22	33.3	90	52	Calm	WSW 2	2	1	------	58.59	57.27	23.6	32.2	86	58	E 0	NNW 3	1	1	------
17	59.88	57.68	23.8	31.1	86	58	Calm	WNW 2	2	1	------	58.80	57.21	24.9	32.9	85	61	Calm	WSW 2	2	2	18.8
18	59.55	58.42	21.4	30.5	92	62	E 0	W 2	4	1	------	59.77	58.60	24.1	31.8	96	65	Calm	WSW 2	10	7	4.1
19	59.40	58.10	22.2	31.9	89	63	E 1	WSW 2	8	3	------	59.29	59.55	24.6	28.5	94	77	Calm	NNW 2	10	10	------
20	59.88	58.68	22.7	32	90	54	Calm	W 2	2	1	------	60.11	58.92	23.5	31.6	96	62	Calm	WNW 2	1	3	------
21	58.90	57.35	22	31.9	90	51	E 0	WSW 2	2	0	------	59.91	58.55	24.1	33.9	91	50	Calm	WNW 2	2	4	------
22	58.68	57.81	22.1	31.6	90	65	Calm	WNW 2	5	2	------	59.53	58.70	24.6	34.1	86	50	Calm	WSW 2	1	3	------
23	58.04	57.11	21.9	32	93	65	Calm	WNW 2	3	1	------	59.07	57.15	24.7	34.2	84	48	Calm	WSW 2	1	1	------
24	59.85	59.61	22.8	31.7	88	62	ENE 0	NNW 2	4	0	------	57.92	56.80	23.4	33.5	88	53	Calm	WNW 2	1	0	------
25	61.07	59.96	21.5	30.9	92	65	NNE 0	NNW 4	4	2	------	58.10	56.89	23.6	33.2	86	60	Calm	WSW 2	1	3	1
26	60.25	59.48	24.9	29.5	81	68	E 0	N 2	4	10	------	58.54	57.81	23.5	33.4	95	58	Calm	WNW 2	2	7	------
27	61.24	59.72	21.9	31.6	87	61	ENE 0	WSW 2	3	1	------	58.67	57.96	23.8	32.5	92	62	Calm	WSW 2	0	3	------
28	61.87	60.21	23.8	31.9	86	61	Calm	WNW 2	4	1	------	58.30	57.34	23.7	32.5	86	58	Calm	WNW 2	4	2	------
29	61.37	60.01	24	31	88	65	Calm	WSW 2	7	1	------	58.79	56.85	23	32.8	85	59	Calm	WSW 2	1	1	------
30	60.83	59.38	25.2	32.8	84	56	E 1	WSW 2	4	1	------	58.01	56.42	26.8	34	80	50	Calm	W 2	10	2	------
31	60.59	59.85	22.4	31.6	84	59	ENE 0	W 2	6	4	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	59.83	58.66	22.8	31.3	89.6	60.7	0.1	2.1	4.8	2.5	------	59.18	57.98	24.2	32.4	87	58 1	0.1	2.1	4.2	3.1	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0	-----	-----	-----	-----	-----	-----	------	------	-----	-----	23.9

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.72	56.55	25.9	32.6	82	61	Calm	WNW 2	2	2	------
2	57.82	56.91	25	33.7	83	50	Calm	W 2	3	1	------
3	58.91	58.17	26.9	33.1	76	54	Calm	WSW 2	9	1	------
4	58.34	57.04	25.4	33.5	80	53	Calm	WSW 2	1	1	------
5	57.36	56.31	26.5	32.1	85	56	Calm	NNE 1	1	9	------
6	56.44	56.20	25.2	33.3	85	58	E 0	W 1	9	10	------
7	55.70	55.07	26.6	32.3	80	59	E 0	ENE 1	10	9	8.1
8	55.02	55.06	24.4	26.5	89	83	E 1	ESE 2	10	10	5.4
9	53.19	54.09	26.4	24.5	87	96	S 3	SSE 2	10	10	80.5
10	56.66	56.48	26.1	30.6	88	74	SSE 0	SSW 1	10	10	1
11	57.67	56.86	25.2	31.2	94	71	Calm	SSW 2	5	5	------
12	58.85	58.25	24.9	33.2	91	60	Calm	SSW 2	5	4	------
13	59.07	57.79	24.6	33.6	91	55	Calm	SSW 1	1	1	------
14	58.46	57.35	25.4	31.8	93	64	Calm	SW 2	1	1	------
15	58.38	57.61	24.5	34	95	54	Calm	WSW 2	1	1	9.1
16	59.23	58.76	24.7	32.5	93	63	Calm	WSW 2	1	1	------
17	59.80	58.42	24.3	31.3	94	70	Calm	WSW 2	1	1	------
18	59.76	58.36	24.8	32.1	86	63	E 0	WSW 2	8	2	------
19	59.44	58.51	24.7	32.5	91	58	ESE 0	WSW 2	4	5	------
20	59.50	58.36	24.5	32.5	88	60	ESE 0	WSW 2	4	3	------
21	58.47	58.60	24.8	32.1	85	61	E 0	WNW 2	0	2	------
22	59.02	57.67	24.9	32.5	84	55	Calm	W 2	3	4	------
23	58.21	56.87	25.3	32.6	84	63	E 0	WSW 2	7	5	------
24	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
25	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
26	59.21	57.90	24.8	32.8	88	62	Calm	W 2	5	7	4.1
27	59.80	58.12	23.8	31.8	94	62	ENE 0	WSW 2	9	6	2.5
28	58.39	56.56	23.4	33.3	95	59	ESE 0	WSW 2	9	6	.8
29	57.77	57.36	23.7	33.1	96	60	ESE 0	WSW 2	1	1	------
30	59.12	58.01	25	32.4	91	60	ESE 0	WNW 1	1	1	------
31	59.91	57.97	24.2	32.8	90	55	Calm	WNW 2	10	4	------
Mean	58.18	57.28	25	32.1	88.2	62	0.1	1.8	4.9	4.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[a]111.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.73	57.22	24.9	34.6	87	54	Calm	WSW 2	0	1	------
2	58.42	57.50	25	34.4	84	49	Calm	W 2	1	1	------
3	58.06	56.66	25	33.1	87	60	Calm	W 2	0	1	------
4	57.11	56.41	25.4	31.9	88	67	ESE 0	WSW 2	4	8	------
5	56.76	54.82	25	34.1	95	56	E 0	W 2	6	2	19.8
6	56.49	56.65	25.1	31.6	93	68	Calm	WSW 1	10	10	------
7	57.79	56.05	23.9	33.4	92	59	Calm	SSW 2	8	9	1.5
8	57.67	56.37	24.5	31.8	94	66	E 0	W 1	9	8	8.4
9	58.40	56.52	24	31.4	96	70	ESE 0	WSW 1	7	9	29.7
10	58.43	57.22	25.4	30.2	88	77	E 1	WSW 2	9	10	3.3
11	57.94	56.60	24.9	33.4	89	59	ENE 0	SSW 2	10	1	2.8
12	58.34	56.29	24.9	33	95	61	ESE 0	SSW 3	7	6	.3
13	58.27	56.39	25.4	34	95	56	ESE 0	SW 2	7	4	14.5
14	57.87	56.09	25.8	34	89	56	Calm	SSW 2	2	6	5.1
15	57.46	56.21	25.4	32.9	93	61	Calm	SW 2	10	7	.8
16	57.18	56.40	26	32.9	89	61	ESE 0	WSW 2	10	8	36.1
17	58.06	57.17	25.5	31.8	95	67	Calm	W 2	2	9	33
18	58.83	58.38	24.7	30.5	97	72	SE 1	W 2	8	8	106.2
19	60.61	59.36	23	30.1	97	77	Calm	WNW 1	2	8	------
20	60.35	59.12	23.9	31.8	92	66	Calm	WSW 2	1	2	3.3
21	59.04	58.39	24	32.6	95	63	ESE 0	WNW 2	4	3	------
22	58.66	58.55	26	31.6	89	68	Calm	W 2	4	9	------
23	59.63	58.76	25.9	33.1	89	60	E 0	W 2	6	6	.3
24	59.54	58.20	25.9	30.1	88	76	Calm	W 2	1	9	.8
25	59.74	58.81	23	32.5	95	62	ESE 0	WSW 2	6	7	.5
26	59.68	57.97	23.7	32.9	94	61	Calm	WNW 2	9	6	------
27	58.82	57.93	23.7	33.5	92	56	Calm	WNW 2	1	6	2
28	59.80	59.12	23.8	27.5	93	88	Calm	SE 1	1	10	24.2
29	59.92	58.71	23.1	31.6	95	64	Calm	WSW 1	10	9	23.1
30	59.05	57.52	22.5	30.9	94	63	Calm	WSW 2	8	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.56	57.38	24.6	32.2	92	64.1	0.1	1.8	5.4	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	315.7

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.39	57.63	23.6	32.5	90	63	Calm	WSW 2	2	3	------
2	58.74	58.76	24.5	32.9	92	61	E 0	W 2	10	8	------
3	59.84	58.38	23.3	32.5	92	63	Calm	WNW 1	2	4	------
4	58.95	58.02	24.3	32.9	93	60	Calm	WSW 2	1	6	------
5	58.32	57.40	24.5	33.1	92	60	Calm	WNW 1	2	6	------
6	57.73	56.95	25.8	31	90	70	Calm	W 2	10	10	17
7	57.52	56.77	23.9	33.4	96	57	E 0	W 2	1	4	------
8	57.63	56.98	24.5	29.4	92	79	Calm	WSW 1	2	9	10.2
9	58.03	56.65	25.5	31.5	88	69	Calm	W 2	10	8	3.6
10	57.04	56.30	24	29.8	95	76	Calm	WSW 2	10	9	3.8
11	57.23	56.18	24	30.6	97	73	Calm	W 1	9	10	56.9
12	57.97	57.32	24.6	31.7	95	68	E 0	WSW 1	8	9	10.4
13	58.39	57.26	23.5	32	96	64	Calm	WSW 1	8	6	10.4
14	56.49	55.77	23.4	30.5	96	75	Calm	WSW 2	9	10	11.7
15	53.31	51.68	24	31.5	97	68	Calm	NW 1	10	9	------
16	51.94	50.75	25.9	32.4	90	64	Calm	NW 2	10	10	------
17	53.20	53.64	25.5	30	92	73	SSE 1	SSE 1	10	10	33.7
18	54.79	53.92	24.2	28.1	98	85	Calm	SSE 1	10	10	75.2
19	54.41	54.45	24.1	24.9	99	95	SE 0	ESE 1	10	10	68.9
20	56	55.42	24	26.6	99	83	Calm	ENE 2	10	10	6.9
21	55.03	56	25	24.6	88	97	Calm	ENE 2	10	10	7.4
22	55.02	54.07	25.4	29.4	86	76	SSE 0	NW 2	10	10	24.4
23	53.61	52.09	24.1	30.6	99	74	Calm	WSW 2	10	9	31.5
24	51.82	52.51	24	26.9	97	89	SE 0	S 2	3	10	4
25	53.30	54.97	25.5	26.4	84	89	SE 1	SE 2	10	10	6.8
26	56.32	56.28	25.5	30.6	86	69	E 1	SSW 2	10	10	2
27	56.77	55.82	25.2	31.7	87	64	Calm	ENE 1	10	10	2
28	54.66	53.09	25.1	26.8	92	88	E 0	NE 1	10	10	121.9
29	48.19	46.13	23.6	23.5	99	100	SSW 5	SSW 6	10	10	300.5
30	51.17	52.51	24.4	25.9	92	91	SE 2	SSE 1	10	10	18.5
31	54.76	55.29	25.4	28.7	89	75	ESE 1	ENE 2	10	10	8.6
Mean	55.70	55.13	24.5	29.8	92.8	74.8	0.4	1.7	8	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	836.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.86	55.21	25	29.8	88	75	E 0	WSW 2	10	10	3.3
2	55.78	56.11	24.1	29.4	91	74	Calm	SSW 2	10	10	.5
3	57.21	56.76	25.1	30	80	67	E 0	SW 2	10	9	5.3
4	57.09	56.28	23.5	30	94	67	Calm	NE 1	10	10	24.2
5	55.84	55.41	23.2	29.8	99	69	ESE 1	SSW 1	10	10	5.1
6	55.61	54.82	24.5	31.8	95	66	ENE 0	WSW 2	6	7	6.9
7	55.84	55.47	24.6	31.7	92	66	ESE 0	SSW 2	10	7	35.8
8	57.09	56.70	23.4	27	93	83	SSE 1	ENE 2	10	10	2
9	57.03	57.69	26.4?	27.9	79?	81	SE 1	ESE 1	10	10	11.9
10	57.47	56.97	25.9	27.8	88	85	Calm	SE 1	10	10	54.3
11	56.71	56.34	24	26.2	98	89	SE 0	SW 2	10	10	12.2
12	56.61	56.54	23.5	29	99	79	E 0	SSW 2	8	10	5.3
13	56.74	56.22	22.7	31.1	94	68	E 0	SW 2	6	7	.8
14	56.52	56.30	24.3	30	93	75	Calm	WNW 1	9	9	39.6
15	55.33	53.28	24.1	29.8	96	76	Calm	WSW 2	10	10	73.6
16	49.57	51.73	22.7	23.4	99	95	WSW 3	SSE 3	10	10	120.9
17	56.15	57.77	26.4	30.5	78	74	SSE 2	S 2	10	10	------
18	59.80	58.98	25.1	31.7	93	68	Calm	WNW 2	10	10	31
19	57.44	56.02	25	31.4	88	68	E 0	WSW 2	4	9	1
20	55.76	55.78	24	26.4	92	93	Calm	ENE 1	6	10	17
21	56.15	55.85	23	31	96	67	Calm	SW 1	4	4	1
22	56.47	55.36	25	31.2	92	67	Calm	WSW 1	4	2	5.3
23	56.22	55.54	24.8	31	92	72	Calm	WSW 2	1	7	3.3
24	56.56	56.07	24.1	31.7	96	62	ENE 0	SW 2	1	2	3.6
25	57.94	57.31	24	32	95	64	Calm	SW 2	1	7	85.1
26	57.43	55.30	23.4	30.8	94	66	Calm	SSW 2	1	2	16.8
27	54.22	52.88	24.1	30.7	97	72	Calm	WSW 2	1	6	3.6
28	53.17	52.26	24.4	31.8	96	67	Calm	SW 2	2	8	4.1
29	55.90	55.50	25.1	31.5	93	70	Calm	SW 2	7	4	------
30	57.99	56.80	24.4	32	89	69	E 1	SSW 2	8	6	9.4
31	58.09	57.02	24.4	30.5	92	68	Calm	WSW 2	10	8	------
Mean	56.31	55.82	24.3	30	92.3	73	0.3	1.8	7.1	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	582.9

[a] 29 days of observation.

SAN FERNANDO, UNION.

[φ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.74	54.77	23.8	30.6	96	69	Calm	W 2	4	6	43.7
2	53.96	51.99	23.4	31.6	96	63	E 1	WSW 2	10	8	16.8
3	50.02	46.93	24.4	24.6	97	99	Calm	W 3	10	10	244.4
4	48.40	50.13	23.6	23.5	100	99	S 2	S 2	10	10	93
5	53.58	54.02	22.6	25.6	99	95	S 2	SSE 2	10	10	79.5
6	56.36	56.54	24.9	28.5	86	80	SSE 1	SSE 2	9	10	6.9
7	57.34	56.99	24.5	29.5	87	75	Calm	S 2	10	10	10.4
8	57.27	56.32	24.5	26.5	97	92	Calm	Calm	10	10	30.8
9	55.72	54.49	25.8	28.5	98	85	Calm	E 1	10	10	8.9
10	52.99	52.73	26	23.4	94	97	Calm	Calm	10	10	138.7
11	51.16	52.50	23.7	25.4	90	88	Calm	SSE 1	10	10	39.4
12	54.86	56.22	23.3	31.7	90	66	SSW 1	SSW 1	10	10	------
13	58.88	58.01	24.4	32.8	91	62	Calm	Calm	2	1	------
14	59.12	58.24	24.7	30.8	96	73	Calm	NW 1	8	10	64.8
15	58.03	56.09	24	28	97	88	Calm	NW 2	10	10	100.3
16	54.83	55.49	25.3	25.3	93	93	WNW 1	Calm	10	10	87.1
17	56.49	56.62	26.5?	27	80?	81	SSW 1	SSE 1	10	10	13.3
18	57.23	57.18	25	30.6	88	78	Calm	W 1	10	10	------
19	59.06	58.19	23.5	30.5	96	68	Calm	Calm	10	8	------
20	58.54	57.64	23.5	31.4	96	68	Calm	WNW 2	0	9	3.6
21	57.14	55.77	23.7	32	93	65	Calm	Calm	1	3	------
22	57.19	57.09	25	31.4	92	66	Calm	WNW 1	10	2	.3
23	58.84	58.02	23.9	30.8	95	71	Calm	WNW 1	3	2	.3
24	58.82	58.11	23.3	31.8	95	66	Calm	NW 1	1	5	------
25	58.68	57.74	23.6	31.9	95	69	Calm	Calm	1	6	------
26	58.13	57.61	23.6	31.5	95	66	Calm	NW 1	9	6	.1
27	58.97	58.66	23	32.2	96	61	Calm	NW 1	3	3	------
28	58.56	57.87	22.8	31.8	93	57	Calm	Calm	9	2	.3
29	58.41	57.23	23.2	31.8	94	63	Calm	WNW 1	0	3	------
30	57.64	56.96	23.5	32	95	61	Calm	Calm	8	2	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	56.43	55.87	24.1	29.4	93.7	75.5	0.3	1	7.3	7.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	982.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.80	57.15	24	31.4	94	66	Calm	NW 1	1	1	------
2	57.78	56.47	25.5	31.5	88	65	Calm	WNW 1	2	5	------
3	57.48	56.52	25.1	31.5	92	68	Calm	WNW 1	7	7	14.5
4	57.77	57.35	23.6	30.8	95	68	Calm	Calm	10	9	------
5	57.83	56.86	24.5	30.9	92	66	Calm	WNW 1	9	9	------
6	57.80	56.33	22.5	30.8	95	68	Calm	Calm	1	1	------
7	58.10	57.09	23.5	31.2	95	66	Calm	WNW 1	1	2	------
8	58.66	56.86	23.4	31.1	96	68	Calm	WNW 1	1	2	------
9	56.99	55.43	22.8	31.3	96	65	Calm	NW 1	3	8	------
10	55.69	54.37	24	31	95	71	Calm	NW 1	3	9	------
11	54.72	53.31	24	30.5	94	72	Calm	Calm	10	10	------
12	53.65	52.30	25	30	95	75	Calm	Calm	10	10	7.1
13	50.64	48.86	24.8	29.5	98	76	Calm	WNW 1	10	10	------
14	49.99	49.51	24.7	29.4	96	72	Calm	NW 4	10	10	------
15	53.03	53.85	25.7	30.7	86	69	NNW 2	NW 3	10	9	1.3
16	56.84	56.69	22.4	29.2	96	66	Calm	WNW 2	10	10	------
17	58.36	57.48	20.2	29.2	95	62	Calm	WNW 1	0	1	------
18	59.02	57.48	22.3	31.5	94	56	Calm	WNW 1	6	1	8.9
19	59.47	58.35	23.2	30.7	97	67	Calm	NNW 1	10	8	12.2
20	59.82	58.93	23.5	30.5	96	67	Calm	Calm	7	3	------
21	60.02	58.36	22.5	31	96	67	Calm	NNE 1	1	1	------
22	59.07	57.36	23	31	95	68	Calm	NNE 1	3	8	------
23	58.34	56.87	23.3	30.5	94	71	Calm	NNE 1	10	9	------
24	58.93	58.48	24.2	30	93	68	Calm	NNE 1	9	4	------
25	60.22	59.06	22	29.7	94	67	Calm	Calm	9	6	------
26	60.15	58.29	20.4	29.8	94	54	Calm	N 1	8	3	------
27	59.54	58.35	20.1	30	90	64	Calm	N 1	1	5	------
28	60.09	59.22	21.2	29.9	93	68	Calm	N 1	3	4	------
29	60.61	59.76	21	30.2	95	65	Calm	NNW 1	1	1	------
30	60.46	58.73	21.7	31.2	94	58	Calm	Calm	0	1	------
31	59.37	58.83	21.8	31	93	67	Calm	N 2	1	5	------
Mean	57.69	56.60	23.1	30.5	94.1	66.8	0.1	1	5.4	5.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	44

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.47	58.22	23.5	30.4	93	64	Calm	Calm	8	7	------
2	59.64	58.47	23.9	30.8	90	65	Calm	Calm	8	7	------
3	59.98	58.50	22.1	31	95	65	Calm	E 1	1	2	------
4	60.14	58.60	22.5	31.5	95	63	Calm	ESE 1	4	6	------
5	59.62	58.90	23.2	31.5	95	68	Calm	E 1	1	2	0.8
6	60.08	58.67	22.7	30.5	94	68	Calm	Calm	6	10	------
7	60.29	59	22.5	31.5	96	66	Calm	E 1	1	1	------
8	60.33	59.36	22.5	31	96	65	Calm	E 1	1	1	------
9	60.17	58.61	22	31	96	65	Calm	Calm	3	5	------
10	59.72	57.72	22.5	32.7	91	57	Calm	E 1	1	7	------
11	59.94	58.46	22.5	30.9	96	63	Calm	E 1	1	1	------
12	60.23	59.07	21.8	30.8	93	68	Calm	ESE 1	0	1	------
13	60.48	59.50	23	30	96	66	Calm	ENE 1	6	7	------
14	60.11	59.48	22.5	29.8	91	56	Calm	NE 1	7	6	------
15	60.70	60.46	18.7	29.5	93	50	Calm	Calm	1	9	------
16	61.28	59.70	19.5	30.3	89	55	Calm	NNE 1	2	3	------
17	60.49	59.33	20.9	30	94	62	Calm	NNE 1	2	2	------
18	61.27	60.57	22.4	31.2	88	61	Calm	NNE 1	7	2	------
19	61.34	60.77	21	31	95	58	Calm	NW 1	1	1	------
20	61.94	60.86	22.2	31.2	94	61	Calm	NW 1	2	6	------
21	61.44	59.98	22	30.7	96	64	Calm	NNW 1	6	1	------
22	60.51	59.17	20.7	30.7	94	64	Calm	NNW 1	0	1	------
23	61.42	60.57	21.5	30.2	95	68	Calm	N 1	3	1	------
24	61.54	61.01	21.9	31	95	59	Calm	NNE 1	1	2	------
25	61.93	60.36	18.7	29.5	88	61	Calm	NNW 1	1	1	------
26	59.98	58.66	19.3	29.7	92	56	Calm	NNE 1	1	1	------
27	57.81	56.62	21.1	30.5	89	62	Calm	NNE 1	3	7	------
28	58.04	57.74	23.8	30.7	89	59	Calm	NNW 1	10	10	------
29	59.24	58.03	21.3	30.5	95	66	Calm	NNW 1	0	1	------
30	59.34	58.72	21	30.2	95	66	Calm	NNW 1	1	1	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	60.28	59.17	21.8	30.7	93.3	62.4	0	0.8	3	3.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	0.8

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.74	58.85	21.9	30.5	94	60	Calm	NNW 1	3	1	------
2	59.97	59.59	21.6	30.5	96	62	Calm	NNE 1	4	1	------
3	60.54	60.73	22.2	31.5	84	56	Calm	ENE 1	1	1	------
4	63.08	61.62	21.6	29.5	90	67	Calm	ENE 2	1	7	1.3
5	62.52	61.31	21.5	27.5	95	73	Calm	Calm	1	8	------
6	62.47	61.20	21.1	29.5	95	65	Calm	NNE 1	1	6	------
7	61.78	60.52	22.1	29.8	95	66	Calm	NNW 1	1	2	------
8	60.74	59.87	21.4	29.6	95	65	Calm	WNW 1	1	6	.5
9	60.49	60.31	22.5	30.1	95	61	Calm	WNW 1	9	3	------
10	60.63	59.96	20.5	28.8	90	71	Calm	NW 1	1	6	------
11	61.20	59.01	19.8	31	92	65	Calm	NNW 1	1	3	------
12	59.27	58.30	21	30.8	95	64	Calm	Calm	1	2	------
13	59.36	59.22	21.5	29.1	94	76	Calm	NW 1	2	8	------
14	59.17	58.22	22.9	30.5	92	63	Calm	NW 1	3	2	------
15	59.02	58.03	20.6	30.6	92	65	Calm	WNW 1	2	3	------
16	59.82	58.89	23.5	30.2	91	66	Calm	WNW 1	4	7	------
17	60.44	58.91	22.6	30.1	95	68	Calm	NW 1	3	3	------
18	59.77	59.50	23.1	30.5	95	62	Calm	NW 1	9	8	------
19	61.39	60.31	22.5	30.4	90	63	Calm	WNW 1	8	6	------
20	62.02	60.12	22.3	30.8	93	67	Calm	NW 1	1	2	------
21	60.87	59.82	22.1	31	95	64	Calm	NNW 1	1	3	------
22	59.96	58.18	21.6	30.5	95	63	Calm	NNW 1	1	1	------
23	59.42	58.31	23.3	30.5	92	66	Calm	WNW 2	3	4	------
24	59.82	58.82	22.5	30.3	92	66	Calm	NNW 1	3	4	------
25	59.18	58.42	22	30.1	92	68	Calm	Calm	1	6	------
26	59.49	59.65	22.1	30.1	96	71	Calm	NNW 1	2	5	------
27	59.41	59.31	22.6	26.5	81	73	NNW 1	N 4	2	7	2.8
28	60.58	59.78	20.6	27.3	94	69	Calm	Calm	9	7	------
29	61.68	61.85	19.6	29.2	95	61	Calm	NW 1	1	6	------
30	63.46	62.38	22.9	28.9	89	69	Calm	NNW 1	10	8	1.5
31	63.66	62.33	23.3	29	94	64	Calm	NNW 1	10	5	------
Mean	60.68	59.78	21.9	29.8	92.7	65.8	0	1	3.2	4.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	6.1

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.23	60.96	21.5	24	97	95	N 1	NNE 1	10	10	36
2	61.27	58.43	21.7	27.6	97	83	Calm	NbyW 1	9	7	.5
3	60.29	58.50	21.9	29.3	98	69	ESE 1	Calm	9	1	------
4	61.36	60.48	22.5	29.4	96	70	SSE 0	S 1	10	8	5.8
5	61.42	59.96	21.9	26.8	96	80	N 1	N 2	10	9	8.6
6	60.58	58.60	20.9	24.3	98	91	N 1	W 1	10	9	12.7
7	60.53	59.14	20.9	28.4	97	72	Calm	ENE 1	10	4	------
8	60.07	58.35	22	30.3	96	68	NW 0	SW 1	8	4	------
9	59.26	57.32	21.4	31.2	95	71	SSW 0	E 1	3	2	------
10	59.76	57.96	22.9	26.6	98	83	ENE 1	NNE 1	7	9	4.6
11	60.62	60.11	21.3	22.7	95	89	NNE 0	NNW 1	10	10	6.1
12	61.42	59.72	20.4	25.3	95	77	Calm	N 0	10	7	------
13	61.05	58.66	21.2	29.8	96	67	Calm	SSE 1	10	4	------
14	61.01	58.87	22.2	29.5	94	69	NNE 1	SE 1	10	4	------
15	61.34	59.35	22	30.4	95	66	Calm	Calm	9	2	------
16	61.51	59.57	22.6	31.1	96	68	Calm	W 1	9	3	------
17	61.29	59.37	21.9	29.8	93	67	Calm	E 1	9	5	------
18	61.16	59.24	21.6	28.9	93	65	Calm	E 1	9	6	------
19	61.38	60.81	20	25.3	95	76	ENE 0	N 1	9	10	------
20	62.38	59.86	20.3	28.7	95	69	Calm	NE 1	8	8	------
21	60.62	58.86	20.2	31.5	97	63	ESE 0	S 1	10	1	------
22	61.66	61.11	22.4	29	96	68	N 0	N 1	10	3	------
23	63.43	61.97	21.9	26.3	96	77	Calm	NNE 1	10	9	------
24	62.94	61.31	21.8	28.5	96	73	NNE 1	NE 1	9	9	------
25	63.68	62.81	21.5	25.9	95	78	NNE 1	N 1	10	9	.5
26	65.53	64.60	19.9	23.8	93	80	ENE 1	NNE 2	10	9	------
27	65.97	63.94	18.5	25.4	95	73	NE 1	N 1	10	8	------
28	65.58	63.69	18.8	27.9	96	57	Calm	N 1	10	3	------
29	64.85	63.39	18.9	27	95	70	NNE 0	NNW 1	8	8	------
30	65.96	65.44	19.7	23.2	96	83	NE 1	NE 2	10	10	8.2
31	66.37	65.51	18.7	24.4	96	76	NNE 1	N 2	10	8	1.8
Mean	62.15	60.58	21.1	27.5	95.7	74	0.4	1	9.2	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	84.8

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	66.61	64.93	18.9	25.5	95	68	Calm	N 1	10	7	------
2	65.28	63.76	18.9	25.3	95	69	Calm	NEbyN 2	9	8	------
3	63.57	61.91	19.4	26.4	96	70	NNW 0	NNE 1	9	6	------
4	61.95	59.73	19.4	29.1	96	60	Calm	N 1	10	2	------
5	61.24	59.75	18.3	28.6	97	69	E 1	E 1	2	8	------
6	61.78	60.94	18.8	28.5	96	68	Calm	NE 1	3	8	------
7	62.58	61.27	20.9	25.4	95	80	NNE 1	NNE 2	10	9	1
8	61.72	59.86	20.4	24.8	96	88	Calm	SE 1	10	9	2.3
9	61.05	59.52	19.7	31.1	97	62	Calm	ESE 1	2	4	------
10	60.86	60.13	21.9	27.7	95	77	WSW 1	E 0	8	7	3.3
11	62.88	62.88	21.4	24.4	94	80	Calm	N 2	10	9	------
12	65.32	63.16	18.8	26	92	69	WSW 0	NNW 1	10	9	------
13	64	61.66	18.9	28.1	95	60	Calm	W 0	7	4	------
14	63.17	61.37	19.9	30.8	95	60	Calm	W 1	9	4	------
15	62.81	61.49	18.6	31.1	97	59	N 0	NNE 1	1	4	------
16	64.60	62.52	20.4	30.5	95	56	Calm	N 1	6	1	------
17	63.38	61.38	21.1	28.3	94	69	Calm	NE 2	8	9	------
18	61.63	59.63	18.9	29.4	97	59	Calm	NE 1	9	3	------
19	60.83	59.70	16.3	30.6	96	52	Calm	S 1	2	2	------
20	60.45	58.76	16.9	29.8	95	56	Calm	N 1	1	9	------
21	60.19	58.27	21.6	29.8	91	65	Calm	ESE 1	9	9	------
22	59.53	57.01	22.2	32.6	92	55	Calm	E 1	9	2	------
23	59.13	56.40	19.4	33.4	97	53	Calm	SE 1	2	1	------
24	59.41	58.29	18.4	32.3	96	52	Calm	NE 1	4	1	------
25	60.33	58.67	22	30.4	91	63	S 1	ENE 1	9	2	------
26	59.80	58.35	22.9	28.6	93	67	Calm	NE 2	9	9	------
27	60.61	58.44	21.9	27.1	97	81	Calm	NE 2	9	4	------
28	60.57	59.15	20.9	28.5	95	64	Calm	Calm	9	9	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	61.97	60.32	19.9	28.7	95	65.4	0.1	1.1	7	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	6.6

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.04	60.84	20.9	28.3	92	64	Calm	NNE 1	10	9	1
2	63.29	60.29	18.9	29.4	95	58	Calm	NE 1	4	4	.3
3	61.09	60.09	21	25.9	95	78	Calm	NNE 1	10	9	2
4	61.50	59.72	21.1	26.4	95	78	Calm	NNE 2	10	10	6.9
5	60.64	58.59	20.8	26.6	96	83	S 1	NW 1	10	8	3.5
6	60.45	58.67	21.6	29.7	96	67	NNE 1	ESE 1	10	9	------
7	59.15	56.91	21.4	27	96	86	SW 1	ESE 1	4	9	4.8
8	58.07	55.35	21.4	32.2	97	61	SSE 1	ENE 1	10	9	------
9	57.32	55.42	21	32.7	98	62	Calm	S 1	10	4	2.8
10	58.38	57.09	23.7	30.9	97	68	NNE 1	NNE 1	9	7	12.7
11	59.46	57.44	23.3	32	96	64	Calm	E 1	9	2	------
12	58.50	55.90	22.3	33.6	86	55	Calm	ENE 1	2	1	------
13	59.02	56.32	23.3	32.7	92	58	Calm	SE 2	5	1	------
14	59.35	58.16	23.4	32.3	93	59	NNE 1	E 1	10	2	------
15	60.18	58.23	23.2	32.5	95	57	Calm	ESE 1	10	4	------
16	59.42	57.47	20.3	32.8	94	53	SE 1	SSE 1	1	2	------
17	59.95	56.77	19.3	32.9	93	50	SE 1	S 1	2	1	------
18	59.04	56.91	18.3	33.6	90	48	S 1	SE 1	2	4	------
19	59.07	57.25	20	33.7	95	45	S 1	S 2	1	2	------
20	59.59	57.53	20.4	34.1	91	47	SSE 1	S 2	6	7	------
21	57.95	55.56	19.9	34.2	91	43	Calm	E 1	4	0	------
22	57.75	56.29	22.3	33.8	88	49	S 1	ENE 1	9	2	------
23	57.97	55.85	23.8	34.3	90	47	Calm	E 1	10	2	------
24	58.94	57.61	20.3	33.8	94	46	S 1	E 1	2	0	------
25	60.57	58.61	23.4	33.1	91	48	Calm	NNE 1	10	4	1
26	60.96	59.56	21.9	27.1	96	79	Calm	Calm	10	9	4.1
27	61.35	58.76	19.9	31.3	95	57	Calm	ESE 1	8	7	------
28	61.34	59.15	19.9	33.4	90	44	Calm	Calm	4	1	------
29	61.06	58.90	20.9	84.2	92	42	Calm	NNE 1	2	3	------
30	60.94	59.22	21.8	32.8	96	47	Calm	N 1	3	5	------
31	60.83	59.12	20.8	31	90	56	Calm	NE 2	9	9	5.1
Mean	59.84	57.86	21.3	31.6	93.4	58	0.4	1.1	6.6	4.7	------
Total	------	------	------	------	------	------	------	------	------	------	44.2

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.63	58.12	22	33.9	94	41	Calm	ENE 1	8	1	------
2	59.33	56.90	17.4	34.3	91	35	SSE 1	E 1	1	3	------
3	59.02	56.95	20.2	33.4	79	43	S 1	ENE 1	2	4	------
4	59.30	57.36	19.7	34.6	91	36	SSE 1	WNW 1	5	3	------
5	59.52	57.08	18.8	34.5	89	32	Calm	S 1	1	4	------
6	58.65	56.23	19.8	34.6	82	38	S 1	E 1	8	9	------
7	58.17	56.33	19.1	35.3	86	40	Calm	N 1	6	0	------
8	58.43	56.85	20.7	34.6	89	50	SSW 1	E 1	0	4	------
9	59.17	57.01	19.2	34.6	87	38	SSW 1	E 1	3	1	------
10	59.30	56.73	19.3	35.5	91	40	S 1	SSE 1	0	1	------
11	58.75	56.29	20.9	36.4	90	43	Calm	NE 1	1	3	------
12	59.58	58.12	21.8	32.2	88	60	Calm	SSE 2	2	8	------
13	59.61	57.08	22.1	33.8	92	60	Calm	SE 1	1	5	0.5
14	60.01	56.84	23.7	35.3	93	55	S 1	S 2	8	5	------
15	58.09	55.68	23.5	34.6	90	54	Calm	NE 2	2	9	------
16	57.85	55.44	21.1	33.1	97	54	Calm	NE 1	10	3	------
17	58.51	55.78	24.7	36.5	88	46	Calm	SSE 1	10	3	------
18	59.48	57.84	23.3	29.7	90	67	Calm	E 1	10	7	7.6
19	59.62	58.04	22.3	30.6	95	60	WSW 1	Calm	10	10	------
20	59.67	57.34	22.4	32.7	94	56	SSE 1	E 1	2	9	------
21	59.81	57.19	22	34.5	94	45	SSE 1	S 1	2	2	------
22	59.53	57.72	22.1	35.4	88	46	Calm	S 1	1	4	------
23	59.28	56.77	21.4	34.4	90	40	Calm	SE 1	0	4	------
24	58.48	56.44	21.1	34.6	93	40	S 1	ESE 1	1	4	------
25	58.65	56.57	21.8	36	92	42	S 1	E 2	4	5	.3
26	59.16	57.67	21.3	34.8	93	45	Calm	S 1	0	6	.3
27	59.28	57.70	21.4	34.9	92	49	S 1	W 1	3	6	------
28	59.25	56.94	21	32.8	95	52	S 1	N 1	4	6	------
29	59.31	56.05	21	36.5	92	48	S 0	N 1	0	6	------
30	58.18	54.78	21.9	35.3	91	48	S 0	E 1	0	2	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.12	56.86	21.2	34.3	90.5	46.8	0.5	1.1	3.5	4.6	------
Total	------	------	------	------	------	------	------	------	------	------	8.7

The barometric readings of this station seem to be too low by about 1 mm.

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.58	55.04	23.8	36.6	88	38	Calm	E 1	5	3	------
2	57.74	55.76	22.3	36	88	39	SSE 0	SE 1	0	3	------
3	59.14	56.88	21.9	36.9	91	33	S 1	NNW 1	0	5	------
4	58.73	56.77	23.8	35.1	84	41	S 0	NE 1	1	4	------
5	57.81	55.21	23.1	36.1	90	44	S 1	S 1	1	6	------
6	56.94	57.08	23.2	25	90	83	Calm	Calm	9	10	9.9
7	56.89	55.78	23.3	28.1	97	82	S 1	ENE 1	10	9	6.6
8	56.43	54.34	22.9	31.1	97	61	Calm	S 1	9	9	6.1
9	53.95	52.88	23.4	25.6	97	92	Calm	WSW 0	10	10	4.9
10	53.47	52.62	23.7	35.4	92	49	Calm	N 1	9	8	------
11	56.62	54.79	24.3	35.9	94	49	Calm	N 1	9	8	11.4
12	58.22	55.82	23.8	35.9	97	51	Calm	SSE 1	8	4	------
13	57.45	54.77	24.1	36.7	93	48	Calm	N 1	2	4	1.3
14	56.51	54.24	23.8	36.5	87	45	S 1	Calm	8	3	.5
15	56.70	54.22	24.3	36.5	92	46	S 0	N 1	3	3	------
16	57.66	55.27	23.3	36.4	91	45	Calm	N 1	0	3	.3
17	59.28	56.37	22.9	34.7	90	52	S 0	SSE 1	2	3	4.6
18	59.51	56.77	23.3	35.6	96	46	Calm	S 1	9	2	------
19	59.83	56.79	23.3	35.4	93	40	Calm	S 1	6	3	------
20	59.23	56.92	22.8	35.6	87	48	Calm	Calm	8	2	15
21	58.33	56.77	22.6	35.3	95	50	Calm	S 1	1	2	------
22	58.89	56.76	23.3	36.1	84	44	Calm	ENE 1	7	3	------
23	57.97	55.81	23.3	34	94	54	Calm	S 1	8	7	------
24	56.78	54.88	23.9	35.4	87	46	Calm	SSW 1	6	2	------
25	58.04	56.25	23.4	35.1	84	50	NNE 0	SSE 2	2	6	------
26	58.60	56.27	23.8	37.1	90	39	SSE 0	S 1	7	8	------
27	59.09	55.96	23.9	36.4	91	41	S 1	NNE 1	4	5	------
28	58.46	59.39	23.3	35	91	46	Calm	SSE 1	8	4	------
29	57.89	55.72	22.1	37.8	85	40	Calm	S 1	1	4	------
30	59.08	56.74	22.6	37.3	80	38	SE 1	S 2	0	5	------
31	59.77	57.26	22.2	36.1	88	47	SSW 1	E 1	9	9	------
Mean	57.83	55.68	23.3	34.9	90.4	49.3	0.2	0.9	5.2	5.1	------
Total	----	----	----	----	----	----	--------	--------	----	----	60.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.63	56.39	22.9	37	96	40	Calm	S 1	0	6	------
2	58.09	55.61	22.5	38.1	86	35	S 1	ENE 1	0	2	------
3	57.42	54.55	24.4	39.5	79	43	S 1	Calm	0	2	------
4	56.34	53.65	25.3	38.3	81	46	S 1	E 2	8	2	1
5	56.02	52.71	23.3	38.4	95	40	S 0	SSE 2	3	1	------
6	56.71	54.45	24.9	35.7	87	45	S 1	SSW 3	7	9	------
7	57.64	55.19	23.9	36.6	90	44	Calm	SSE 2	9	6	------
8	57.89	55.15	23.4	37.4	91	42	Calm	SSW 2	1	6	------
9	58.24	54.84	23.3	36.9	92	41	WSW 1	SE 1	4	6	------
10	58	55.05	24.4	36.4	91	42	Calm	SE 1	8	9	------
11	58.42	55.50	22.6	36.8	89	40	SSE 1	S 2	9	5	------
12	58.22	55.45	22.8	35.3	83	46	Calm	S 2	9	8	------
13	57.98	55.28	22.3	38.5	86	44	Calm	SSE 1	3	6	------
14	57.74	55.61	24.3	36	84	47	SE 0	SSW 2	1	6	------
15	58.22	54.61	24.9	36.9	85	57	SSE 1	SE 2	9	6	------
16	57.35	54.83	24.2	38.9	91	45	S 1	S 1	9	4	------
17	57.29	54.65	24.3	39.6	87	39	Calm	SSW 2	1	3	------
18	58.53	56.15	23.8	37	91	44	Calm	SSW 2	1	4	.5
19	60.34	57.13	22.4	36.3	94	45	Calm	SSW 1	1	3	11.7
20	59.59	55.91	23.6	36.1	95	45	Calm	N 1	7	3	11.2
21	58.28	55.56	22.5	35.9	96	48	Calm	N 1	1	1	12.2
22	57.34	55.51	23.3	36.3	95	50	Calm	Calm	1	7	2
23	58.38	56.33	23.9	34.8	96	51	Calm	Calm	6	8	19.8
24	58.62	56.50	22.8	33.7	97	52	Calm	NE 1	1	9	------
25	60.03	58.54	22.6	31.6	97	62	Calm	S 1	1	9	------
26	59.58	56.76	22.9	34.8	95	45	S 1	Calm	8	8	------
27	58.16	56.06	23.3	32.3	90	59	S 0	E 2	8	9	------
28	59.03	56.75	24.1	34.4	92	52	S 1	SE 1	8	2	3
29	58.81	56.72	23.7	33.9	91	49	Calm	SSE 2	7	9	------
30	58.32	55.12	23.4	36.5	92	44	Calm	SW 1	4	8	9.4
31	----	----	----	----	----	----	--------	--------	----	----	------
Mean	58.17	55.55	23.5	36.3	90.5	46.1	0.3	1.3	4.5	5.6	------
Total	----	----	----	----	----	----	--------	--------	----	----	70.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.30	55.32	23.9	35.3	92	50	S 1	NE 1	8	2	8.9
2	58.90	57.45	24.9	30.8	92	66	Calm	SSE 1	9	9	------
3	59.78	57.05	22.5	34.9	95	48	Calm	WSW 0	8	7	------
4	58.46	57.03	23.1	35.1	89	49	S 1	SSW 2	0	9	------
5	57.85	56.04	24.3	35.7	93	53	S 0	SE 1	0	4	1
6	57.80	57.02	24.9	27.7	94	86	SW 1	S 1	6	9	4.6
7	57.44	54.81	23.2	36	93	52	Calm	SW 1	0	2	------
8	57.37	54.22	23.3	37.3	88	36	Calm	NNE 1	2	3	1
9	57.16	54.17	24.7	36.1	93	39	Calm	W 1	5	6	------
10	56.61	53.50	24.4	35.8	91	45	S 0	NE 1	4	6	3
11	56.37	54.46	23.6	33.8	95	56	Calm	ENE 1	8	8	1
12	57.12	55.90	23.9	32.3	94	60	Calm	E 2	9	9	------
13	57.97	55.39	23.9	33.8	92	51	WSW 0	Calm	9	9	------
14	56.11	53.46	24.7	35.3	92	48	SSW 0	NE 1	9	6	------
15	53.21	50.24	25.1	30.9	92	77	Calm	Calm	9	8	2.1
16	51.22	49.51	25	25.6	96	94	NE 1	Calm	10	10	25.4
17	51.21	50.38	24.2	32.9	96	65	Calm	Calm	9	10	.5
18	51.67	50.59	22.8	34.1	97	56	Calm	SSW 1	10	9	------
19	55.88	50.70	24.2	34.2	90	51	Calm	SSW 1	10	9	------
20	52.63	51.77	23.9	33.7	89	49	Calm	S 1	10	9	------
21	53.13	51.81	24.3	36.5	91	44	Calm	S 1	4	6	------
22	53.55	50.74	23.9	36.7	95	45	Calm	Calm	4	7	47
23	52.37	50.48	24.4	33.1	96	55	Calm	NE 1	9	7	------
24	51.12	49.79	23.9	31.6	97	68	Calm	WSW 1	7	8	------
25	52.70	52.16	24.9	32.6	91	57	Calm	S 2	9	9	.3
26	54.96	54.25	24.2	34	97	57	Calm	S 1	7	6	.8
27	55.65	53.30	24.3	34.1	96	57	Calm	W 1	4	8	50.8
28	52.76	50.80	22.8	34.3	96	94	Calm	SSW 1	10	10	54.1
29	42.75	43.26	23.3	23.3	93	93	SSW 2	SSE 1	10	10	43.2
30	47.17	49.67	25.3	31.4	78	62	S 2	SSW 3	10	8	------
31	52.87	52.31	24.3	35	87	49	S 0	SSW 2	2	4	------
Mean	54.58	52.83	24.1	33.4	92.6	58.5	0.3	1	6.8	7.3	------
Total	----	----	----	----	----	----	--------	--------	----	----	243.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	54.97	52.81	24.4	33.8	91	60	SW 1	SW 1	4	9	4.3
2	55.06	53.50	23.6	32.6	89	63	SW 1	Calm	9	6	------
3	55.41	53.72	22.8	33.1	95	59	SW 0	SSW 1	2	4	1.3
4	54.82	53.15	23.2	32.3	97	59	Calm	N 1	9	8	1
5	54.41	52.46	22.3	32.9	96	56	E 0	Calm	1	8	30.2
6	54.04	52.60	23.3	32	97	69	Calm	NE 1	8	5	4.1
7	54.57	52.89	24.1	32.3	96	66	Calm	N 1	9	7	43.4
8	55.16	53.58	24.4	33.1	96	67	Calm	N 1	9	8	3
9	54.73	54.08	23.8	33.3	97	61	Calm	Calm	9	9	35.6
10	54.76	53.68	24.4	32.9	92	61	Calm	Calm	9	9	------
11	54.26	52.56	23.9	33.5	96	60	Calm	Calm	8	7	13.2
12	54.92	53.81	23.3	31	96	71	E 1	E 1	7	5	25.1
13	55.41	54.21	23.8	30.8	96	65	Calm	NNE 1	10	9	23.9
14	55.48	53.96	22.8	31.7	97	64	Calm	Calm	8	6	------
15	53.29	50.49	24.3	28.4	96	83	Calm	E 1	9	10	11.2
16	43.19	50.16	25	24.3	60	89	S 3	S 2	10	10	12.2
17	56.73	57.69	22.9	29.8	95	70	Calm	Calm	9	10	4.1
18	59.31	57.50	22.9	32.7	96	57	SSW 1	NE 1	9	4	------
19	57.17	55.28	24	31.1	95	60	W 1	NNE 1	8	9	1.8
20	55.60	54.76	24.6	26.5	97	90	Calm	E 0	9	9	3.5
21	55.53	53.91	24.3	32.6	97	65	Calm	NE 1	7	4	18.3
22	54.72	53.43	23.2	31.9	95	65	Calm	ENE 1	9	2	------
23	54.92	52.96	23.9	33.7	96	60	Calm	NE 1	6	3	------
24	55.84	53.69	23	33.1	96	60	Calm	Calm	8	2	1
25	56.94	55.10	23	33	97	61	E 1	Calm	10	3	34.8
26	56.46	53.77	23.3	31.8	97	59	Calm	N 1	9	2	.5
27	53.81	51.51	24.3	31.9	97	66	Calm	ENE 1	9	9	------
28	53.33	51.63	23.8	33	97	59	Calm	NE 1	2	4	.3
29	55.26	54.13	24.8	33.8	94	58	Calm	Calm	9	6	------
30	56.49	54.94	23.2	33.4	94	55	S 1	NE 1	3	5	------
31	56.87	55.07	24.3	28.7	92	68	NE 1	W 1	8	9	7.9
Mean	54.95	53.65	23.7	31.8	94.3	64.7	0.4	0.7	7.6	6.5	------
Total	----	----	----	----	----	----	--------	--------	----	----	280.7

ECHAGÜE.

[$\phi=16°\ 41'$ N; $\lambda=121°\ 39'$ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.76	53.42	23.7	32.1	97	64	Calm	Calm	9	5	4.8
2	53.52	50.24	24.3	30.9	97	72	Calm	Calm	9	9	40.4
3	47.11	44.29	23.7	25.7	95	90	W 1	SbyW 1	10	10	46.2
4	43.94	43.46	23.5	26.4	86	65	SSE 2	SSW 4	10	10	------
5	50.53	51.80	25.5	32.9	71	55	S 2	S 2	10	9	------
6	55.50	53.99	22.4	35	95	52	Calm	Calm	3	8	------
7	56.82	54.75	25.6	32.9	78	59	ESE 0	Calm	3	9	------
8	55.69	53.34	24.4	32.9	93	63	Calm	NE 1	6	9	10.7
9	53.94	51.76	24.3	30.6	95	72	Calm	E 1	8	9	.3
10	51.22	50.12	25.2	29.4	97	77	Calm	Calm	10	10	------
11	49.95	50.79	24.9	29.5	77	67	S 2	SSE 2	3	10	.3
12	54.88	55.17	22.5	32	96	68	Calm	N 1	10	7	------
13	58.60	56.40	24	32.6	95	59	Calm	Calm	7	7	6.9
14	58.58	56.50	24.5	31.1	95	67	SW 1	NE 1	9	8	8.1
15	55.93	53.15	24.4	26.9	97	86	Calm	S 1	10	10	13.2
16	50.50	51.67	24	24.6	83	86	S 2	S 2	10	10	9.4
17	54.72	54.60	25.9	31.9	73	56	S 1	SSW 2	10	9	------
18	56.85	55.64	22.4	33.8	95	59	N 0	Calm	6	7	15.2
19	59.05	57.30	24.4	32	95	65	Calm	S 1	9	8	------
20	58.60	56.67	24.9	32.9	96	54	Calm	S 1	9	2	------
21	57.45	55.31	24.7	32.6	93	54	Calm	W 4	9	2	------
22	57.31	55.70	22.8	33.4	91	50	Calm	Calm	1	2	.8
23	59.20	57.21	24.3	32.5	92	58	Calm	N 1	9	3	1.3
24	59.26	58.20	24.3	27.4	92	84	Calm	E 1	8	9	------
25	59.52	57.82	22.4	28.8	95	75	Calm	SSW 1	4	8	1.3
26	59.16	56.50	23.4	31.6	95	60	NE 0	ENE 1	8	7	5.1
27	59.22	58.19	21.9	32	96	60	W 0	NNE 1	10	3	------
28	59.18	57.41	23.2	33.4	94	54	Calm	Calm	1	4	------
29	58.63	56.97	22.9	33.1	96	57	Calm	NE 1	4	6	.8
30	58.01	56.30	24	33.1	96	54	Calm	S 0	8	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	55.62	54.16	23.9	31.1	91.5	64.7	0.4	0.9	7.4	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	164.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.15	56.39	23.9	33.6	96	56	Calm	Calm	6	1	------
2	58.29	55.60	24.9	34.1	92	53	Calm	NNE 1	9	4	6.6
3	57.79	56.01	23.9	29.9	97	75	Calm	Calm	9	4	14.7
4	58.88	57.44	23.5	31.7	96	61	E 1	NNE 2	9	5	------
5	58.82	57.15	23.4	29.5	96	70	NNE 0	W 1	10	8	3.5
6	58.14	56.06	22.3	31.5	96	57	Calm	Calm	3	1	------
7	58.52	56.73	24.3	32.3	92	58	Calm	SE 0	8	1	------
8	58.78	57.01	22.8	32.3	92	55	Calm	Calm	1	4	------
9	57.52	55.50	23.9	29.5	94	75	E 0	ENE 1	9	9	.5
10	56.43	55.14	24	28.6	96	75	NE 0	ENE 1	10	10	------
11	55.43	54.88	23.9	24.8	96	92	NW 1	Calm	10	10	17.8
12	53.90	52.18	22.9	26.7	97	89	Calm	NNE 1	10	9	8.5
13	50.27	48.36	23.5	25.4	100	94	Calm	WNW 1	10	10	29.5
14	49.54	48.67	23.5	27.6	100	76	WSW 2	NNE 2	10	10	11.1
15	51.91	52.22	22.9	30.5	97	68	Calm	SW 0	9	9	2.3
16	56.79	55.81	23.8	28.9	99	74	Calm	NE 2	8	6	15
17	58.75	57.28	21.7	29	97	64	Calm	NE 1	9	4	4.3
18	59.84	58.14	21.9	30.2	96	66	Calm	SSW 0	10	5	5.8
19	60.16	58.76	22.8	28.3	96	72	Calm	Calm	9	9	------
20	60.56	58.76	23	30.6	96	63	Calm	Calm	9	4	7.4
21	60.15	58.27	23.4	31.1	97	62	Calm	Calm	9	3	------
22	59.72	57.14	22.3	29.9	96	69	Calm	NNE 1	9	8	.5
23	59.27	58.28	22.8	24.8	92	84	Calm	NE 1	8	9	------•
24	60.65	59.16	19.9	27.3	95	61	S 0	NE 1	0	9	------
25	61.50	59.56	19.4	28.6	94	50	SW 1	NNE 1	7	9	------
26	61.01	58.69	18.9	28.7	95	62	Calm	NNE 1	9	3	5.8
27	60.24	58.89	21.3	26.2	95	78	Calm	NW 1	10	9	8.6
28	61.38	59.70	21.4	28.9	95	61	SSW 0	SSE 1	9	6	------
29	61.83	60	21.4	29.4	95	64	Calm	Calm	5	4	1.3
30	61.46	58.67	22.1	29.9	96	59	SW 1	NW 1	9	2	------
31	60.21	58.83	22.5	27.4	97	81	SW 0	Calm	8	6	5.3
Mean	58.25	56.62	22.7	29.3	95.7	63.5	0.2	0.7	8.1	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	148.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.63	59.93	21.9	25	96	88	Calm	Calm	10	9	2.1
2	60.38	58.64	21.2	30.5	96	63	SW 1	NW 0	6	7	------
3	61.16	58.94	22.3	30.2	96	70	SSW 1	SE 0	9	4	1.1
4	60.85	59.99	22.9	26.3	97	84	Calm	E 0	10	9	2.3
5	60.83	59.43	23	28	96	82	W 0	NNE 1	10	8	9.4
6	61.13	59.94	23.8	25.9	97	91	Calm	SW 0	10	9	4.1
7	61.21	59.52	22.8	31.7	99	60	SW 0	NNE 1	9	2	------
8	62.01	60.17	22	30.7	97	65	NNE 0	N 1	8	5	------
9	62.16	59.37	22	30	96	65	N 0	Calm	8	4	------
10	61.36	59.03	22.8	30.4	97	55	NE 1	NNE 2	10	2	------
11	61.24	59.06	21.4	31.3	95	55	ESE 1	Calm	4	4	------
12	61.07	59.73	19.9	29.4	95	65	Calm	NE 1	1	8	------
13	61.33	60.12	22.3	28.8	96	63	Calm	NNE 2	9	6	------
14	62.42	60.60	19.9	27	95	62	Calm	NNE 1	9	3	------
15	62	60.71	19.3	25.9	94	76	Calm	Calm	9	9	7.9
16	62.45	60.04	20.9	27.7	96	64	Calm	NNE 2	10	4	------
17	61.69	59.79	18.8	27.1	96	66	Calm	N 1	3	9	------
18	62.53	60.94	20.5	28.8	94	61	Calm	NE 0	1	4	------
19	63.11	61.64	22.2	27.1	96	75	NNE 0	NNE 1	10	10	22.6
20	63.04	62.18	22.6	24.5	97	92	Calm	NNE 1	10	10	4.6
21	63.03	60.65	21.9	29.7	96	61	Calm	NNE 1	10	2	------
22	62.36	61.38	21.7	23.9	96	93	Calm	NE 1	10	10	6.6
23	63.40	61.76	22.4	27.9	96	73	Calm	SE 1	10	9	------
24	63.45	62.51	21.1	26.4	94	76	Calm	NE 1	7	9	------
25	63.90	61.64	19.8	26.4	90	73	Calm	Calm	10	8	2.8
26	61.52	59.19	20.5	27.6	96	64	Calm	Calm	9	9	2.8
27	59.05	57.95	21.9	26.4	96	80	Calm	Calm	10	10	5.4
28	59.28	59.20	22.7	23.6	97	96	Calm	NEbyN 1	10	10	16.6
29	60.17	58.54	19.9	29.3	99	66	Calm	Calm	10	2	------
30	60.33	58.99	22.5	27.2	95	76	E 0	NE 1	10	4	3.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.64	60.05	21.6	27.8	95.9	72	0.1	0.7	8.4	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	91.6

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.83	58.91	20.6	27.9	95	66	Calm	NE 1	2	5	------
2	60.69	59.13	20	28.8	96	65	Calm	E 1	9	4	1.3
3	61.28	60.22	22.3	30.2	96	60	N 1	W 0	10	1	2.3
4	62.89	62.27	22.5	24.5	97	92	Calm	NE 2	10	10	14.2
5	64.45	63.14	19.9	24.6	93	79	NNE 1	NNE 2	10	10	5.6
6	64.04	62.18	19.8	24.6	93	86	ENE 1	NNE 2	10	10	8.6
7	63.42	61.25	21	27.5	97	70	Calm	NEbyN 1	8	6	------
8	62.50	61.01	20.4	25.4	95	81	Calm	N 1	8	10	12.4
9	62.70	61.24	21.3	27.9	95	69	Calm	NEbyN 1	9	8	------
10	63.14	61.81	21.2	26.3	93	76	Calm	NE 1	10	4	4.1
11	61.81	60	21.4	25.9	97	81	Calm	NE 0	9	9	4.3
12	60.79	58.73	22.1	28.4	97	71	Calm	E 0	10	7	.5
13	60.41	60.61	22.8	25.4	97	85	Calm	NE 1	10	10	2.5
14	61.23	59.74	21	27.9	99	69	Calm	NE 1	6	7	1.3
15	60.62	58.76	21.9	27.6	95	75	SSE 0	Calm	10	10	.8
16	60.58	58.82	22.5	28.8	98	75	Calm	ESE 1	9	8	------
17	62.12	60.28	21.6	24.7	96	92	Calm	NNE 2	8	9	6.6
18	62.55	62.04	20.4	23.9	94	91	NNE 2	NNE 2	10	9	------
19	63.66	61.57	19.9	26	94	76	NE 1	NE 1	10	9	------
20	63.88	61.16	21	28.3	95	67	Calm	NNE 1	9	8	------
21	63.38	59.25	20.9	29.6	98	66	SW 0	E 1	9	8	------
22	60.10	57.41	19.3	30.4	96	61	Calm	E 0	2	2	------
23	60.28	59.10	22.2	25.5	96	83	Calm	NE 2	10	8	6.4
24	61.30	59.59	21.5	26.7	95	75	NE 0	NNE 2	9	9	2.8
25	60.20	58.98	21.8	25.7	96	82	Calm	NE 1	10	9	2,5
26	59.37	57.49	21.9	29.2	96	69	Calm	Calm	9	6	6.9
27	59.51	58.51	21.4	26.4	93	76	Calm	NE 1	9	8	1.8
28	61.40	59.53	20.4	25.9	94	69	NEbyE 1	NNE 1	9	9	------
29	63.38	61.10	19.5	25.7	97	71	Calm	NE 1	9	9	------
30	64.54	63.66	20.9	25.6	95	78	Calm	Calm	10	9	17.3
31	66.11	65.06	19.8	23.4	94	83	NE 1	NEbyN 2	10	9	1
Mean	62.04	60.40	21.1	26.7	95.5	75.5	0.3	1	8.8	7.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	103.2

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.93	59.73	23.4	30	80	65	NE 1	SW 1	3	10	------
2	60.38	57.90	24.6	28.7	87	67	Calm	SW 1	10	4	------
3	60.06	58.99	23.2	29.5	85	72	Calm	NW 2	5	6	------
4	61.04	60.48	23	28.2	87	73	Calm	WNW 2	3	8	------
5	60.46	59.20	24.8	29	84	75	Calm	W 1	9	8	------
6	60.11	58.22	23	27.5	86	84	Calm	SW 1	10	9	17.5
7	60.09	58.55	23.4	28	90	79	Calm	NW 1	9	2	------
8	59.97	59.04	21.5	28.1	91	77	Calm	NW 1	3	1	------
9	59.91	58.05	22.5	28.8	89	75	Calm	NW 1	2	1	------
10	59.30	57.75	23.5	28.9	87	76	Calm	NW 1	3	5	------
11	59.64	58.64	24.5	28.5	81	70	Calm	WNW 1	9	9	------
12	60.50	58.67	24	28.5	79	64	NE 1	NW 2	10	7	------
13	61.28	59.76	23.5	28.1	87	77	Calm	NW 1	9	8	------
14	60.92	59.85	24.5	28.6	82	73	Calm	NW 3	10	3	------
15	62.86	60.60	24.5	29.1	85	70	Calm	NW 1	10	0	------
16	62.17	60.83	22	28.9	87	67	Calm	NW 1	10	0	------
17	61.34	60.54	20.9	28.5	83	57	Calm	NW 2	1	2	------
18	61.72	60.59	20	27.5	83	70	Calm	NW 3	2	4	------
19	61.48	60.13	19.5	27.4	86	60	Calm	W 1	0	1	------
20	61.99	60.71	21	27.7	83	73	Calm	WSW 1	1	4	------
21	61.73	60.96	21.5	28.2	84	70	Calm	NW 2	2	0	------
22	62.53	61.31	20.8	28.6	88	63	Calm	SW 1	3	2	------
23	62.74	61.36	21	28.7	83	64	Calm	WSW 2	0	3	------
24	63.23	61.64	21.4	28.6	80	67	Calm	NW 2	4	3	------
25	64.02	62.29	23	28	83	66	Calm	N 4	8	10	------
26	64.84	62.24	20.5	28.5	77	58	Calm	NW 3	2	3	------
27	64.24	62.35	20.5	27.2	64	57	NNE 2	NNW 3	0	2	------
28	64.39	62.46	21.1	28.8	64	45	NNE 1	NW 3	8	0	------
29	64.23	62.75	18.9	28	72	57	Calm	NW 3	2	0	------
30	64.35	62.06	20.2	29.2	77	55	NNE 1	SSW 1	3	2	------
31	63.92	62.91	21.6	28.2	69	60	Calm	SW 1	2	5	------
Mean	61.82	60.34	22.2	28.4	82	67.3	0.2	1.7	4.9	3.9	------
Total	------	------	------	------	------	------	------	------	------	------	17.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	65.29	62.80	21	29.5	66	53	Calm	NW 1	3	1	------
2	63.94	62.49	21.1	28	67	55	Calm	WSW 1	4	5	------
3	62.68	61.21	19	27.5	76	60	Calm	NW 1	0	2	------
4	61.55	60.02	20.5	28	77	59	Calm	NW 2	0	0	------
5	61.63	60.11	21.5	28	79	67	Calm	NW 2	2	3	------
6	61.84	60.63	22.7	28.2	81	67	Calm	NW 1	1	2	------
7	61.43	60.34	23.6	29	78	62	Calm	NW 2	9	6	------
8	60.56	59.45	23	28.9	73	69	Calm	NW 3	1	5	------
9	60.88	60.03	24.6	29	82	60	Calm	W 2	9	2	------
10	61.37	60.36	24.4	29.4	80	67	Calm	NW 3	7	1	------
11	61.64	60.30	23	30.5	76	54	Calm	SSW 2	4	3	------
12	62.97	61.39	22.5	28.7	62	56	NE 1	SW 1	7	1	------
13	62.71	60.93	22.5	29	72	61	Calm	NW 1	0	0	------
14	63.17	61.96	22.1	28.4	81	66	Calm	SW 1	0	0	------
15	63.32	62.31	22.1	29.5	81	63	Calm	NW 3	4	7	------
16	64.28	62.35	20.9	28.2	80	62	Calm	NW 1	2	0	------
17	62.58	60.84	21.1	28.6	77	57	Calm	WNW 2	0	1	------
18	61.47	60.34	22	29.8	78	58	Calm	NW 2	2	0	------
19	60.69	59.81	22.7	29	82	59	Calm	NW 1	0	2	------
20	60.10	59.25	22.5	28.8	82	62	Calm	W 1	2	3	------
21	59.56	58.39	22.9	29.2	80	70	Calm	NW 3	3	9	------
22	59.08	57.54	23	29.9	79	60	Calm	SW 2	4	0	------
23	58.80	57.09	23	29	81	67	Calm	WNW 3	5	0	------
24	59.38	58.54	24.5	29.4	83	70	Calm	SW 2	7	2	------
25	59.99	58.60	24	29.6	83	59	Calm	W 1	4	3	------
26	60.16	58.65	23	29.5	83	59	Calm	W 1	1	2	------
27	59.80	58.41	21.5	29.5	82	58	Calm	NW 2	2	3	------
28	60.19	59.34	22	29.2	76	61	Calm	NW 3	2	1	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	61.47	60.12	22.4	29	77.8	61.5	0	1.8	3	2.3	------
Total	------	------	------	------	------	------	------	------	------	------	0

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.21	60.23	21.5	29	78	59	Calm	NW 3	0	3	------
2	61.61	59.96	22.5	29.5	62	58	NE 1	NW 1	2	0	------
3	61.04	59.33	23.4	29.9	72	53	Calm	NW 1	6	2	------
4	60.14	58.74	24	29.5	64	59	NNE 1	W 1	2	6	------
5	60.29	59.06	25.5	28.5	71	67	Calm	W 1	10	9	4.3
6	60.22	58.73	24.4	29.3	87	66	Calm	NW 1	8	6	------
7	59.24	57.61	23.9	29.5	80	68	Calm	NW 2	4	5	1.8
8	58.51	56.43	24	29.5	85	67	Calm	NW 2	8	2	------
9	57.35	56.46	25.2	30	85	69	Calm	NW 2	8	4	------
10	58.03	57.05	24.5	30.6	82	62	Calm	SW 2	3	4	------
11	58.78	57.79	26.2	29.9	76	65	Calm	WNW 1	9	2	------
12	59.57	57.64	24.5	30	83	69	Calm	NW 3	8	5	------
13	59.22	57.18	21	29.9	86	62	NNE 1	NW 1	0	0	------
14	59.95	57.46	23.8	30.4	78	60	Calm	NW 3	4	3	------
15	59.68	58.26	24	30.2	77	60	Calm	NW 2	9	9	------
16	59.20	57.93	23.5	29.9	80	62	Calm	SW 1	3	1	------
17	59.94	57.36	24	29.5	79	64	Calm	SW 3	2	1	------
18	59.59	57.94	23.8	30.1	82	53	Calm	SW 1	8	6	------
19	59.28	57.73	23.6	29.8	78	69	Calm	SW 2	3	1	------
20	59.79	58.64	25	30	80	68	Calm	SW 2	3	2	------
21	58.76	57.24	22.8	30.5	81	59	Calm	W 1	1	2	------
22	58.46	57.20	25.5	31	80	59	Calm	SW 3	8	4	------
23	58.06	56.85	22.9	31.2	85	58	Calm	NW 2	4	0	------
24	59.83	59.10	22	30	82	56	Calm	NW 1	4	0	------
25	61.31	59.31	22.4	29.8	77	64	Calm	NNE 4	0	2	------
26	60.24	59.34	23.8	29.2	77	66	Calm	W 1	6	9	------
27	60.74	59.44	25.8	30.2	74	63	Calm	NW 3	9	3	------
28	62.71	59.70	24.5	30.2	78	64	Calm	NW 2	4	2	------
29	61.32	59.74	24	30.2	81	67	Calm	NW 1	5	3	------
30	60.51	59.03	23.4	30	83	64	Calm	NW 3	2	3	------
31	60.44	59.61	25.4	30.4	78	61	Calm	NW 1	4	3	------
Mean	59.84	58.33	23.9	29.9	78.7	62.6	0.1	1.8	4.7	3.3	------
Total	------	------	------	------	------	------	------	------	------	------	6.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.28	58.68	24	30	77	62	Calm	SW 1	6	9	------
2	59.72	58.25	24.5	30	81	66	Calm	NW 2	3	2	------
3	59.26	58.33	22.5	29.5	82	61	Calm	NW 2	4	9	------
4	59.34	58.53	22.5	29.8	74	61	Calm	SW 2	3	0	------
5	59.78	58.33	24	29.9	79	62	Calm	SW 2	2	3	------
6	58.90	57.53	23.9	29.6	79	64	Calm	NW 2	2	4	------
7	58.44	57.76	23.5	30.4	82	60	Calm	SW 1	2	3	------
8	58.94	57.65	24	31.2	79	56	Calm	SW 2	3	0	------
9	58.92	57.75	24	30.5	75	67	Calm	SW 1	3	4	------
10	59.11	57.80	25.6	30.5	79	59	Calm	SW 3	2	2	------
11	58.82	57.90	24.6	31	79	67	Calm	WNW 2	4	3	------
12	59.24	58.29	25.5	31	80	62	Calm	NW 3	4	2	------
13	59.48	57.65	24.5	31	78	64	Calm	SW 2	2	3	------
14	59.51	58.39	25	31.2	81	64	NNE 1	SW 2	4	2	------
15	58.81	57.09	25.6	31.2	84	66	Calm	NW 3	2	1	------
16	58.36	57.03	26	31.4	82	65	Calm	NNW 3	2	3	------
17	58.57	57.14	24.4	31.4	83	61	Calm	WNW 2	0	0	1.3
18	59.14	57.76	25.8	30.6	85	71	Calm	SW 2	9	8	------
19	59.23	59.04	25	29	80	72	Calm	N 1	9	10	------
20	59.89	58.63	26.2	31.7	84	65	Calm	SW 1	4	5	------
21	59.88	58.35	24.5	30.5	82	71	Calm	SW 2	2	3	------
22	59.42	58.44	25	31.5	76	57	Calm	W 2	1	2	------
23	58.96	56.94	26	31.4	72	59	Calm	SW 3	2	0	------
24	57.62	56.63	24.5	31.5	79	66	Calm	SW 1	0	2	------
25	57.96	56.87	25.5	31.5	80	72	Calm	WNW 2	4	6	------
26	58.41	57.24	25	31.5	83	70	Calm	NW 1	0	4	6.9
27	58.82	58.49	24.6	31	91	72	Calm	SW 1	0	3	------
28	58.26	57.02	25.5	31.2	86	68	Calm	WSW 1	7	4	------
29	58.62	56.27	25	31.5	81	69	Calm	WSW 3	0	2	------
30	57.77	56.38	27	31.8	80	59	Calm	W 1	8	1	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.98	57.74	24.8	30.8	80.4	64.6	0	1.9	3.1	3.3	------
Total	------	------	------	------	------	------	------	------	------	------	8.2

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.36	56.42	25.5	32	76	63	Calm	W 1	8	2	------
2	57.73	56.72	25.5	31.5	80	61	Calm	WSW 1	7	1	------
3	58.62	57.94	26.5	31.7	73	64	Calm	WSW 2	7	4	------
4	58.19	56.69	26	31.5	83	63	Calm	SW 1	3	2	1
5	57.33	55.88	26	31	81	69	Calm	WNW 1	2	4	2.3
6	56.43	55.67	24.5	31.2	91	71	Calm	SW 1	8	9	4.6
7	55.47	54.39	25.6	31	87	72	Calm	SSW 1	10	8	26.7
8	55.09	53.78	25	31	88	70	SE 0	SW 1	7	10	12.4
9	52.97	50.12	25.5	25.5	88	92	NE 1	S 8	10	10	231.7
10	55.81	55.86	25.5	28.2	95	88	SW 1	S 2	10	10	7.6
11	57.55	56.58	24.5	30.5	92	78	Calm	SW 2	4	5	------
12	58.64	58	26	30.5	88	78	Calm	WSW 3	4	7	------
13	58.78	57.70	26.2	30.5	88	65	Calm	WSW 2	4	2	------
14	58.16	56.70	26	30.5	89	71	Calm	SW 1	2	0	------
15	58.12	57.58	25	31	88	72	Calm	SW 3	2	1	------
16	58.29	58.14	26	30.6	87	74	Calm	SW 1	1	3	------
17	59.47	58.18	25.5	30.7	84	74	Calm	SW 2	5	3	------
18	59.66	58.60	25.4	31	84	60	Calm	SW 1	8	3	------
19	59.11	58.58	25.6	31	84	64	Calm	W 1	4	3	------
20	59.02	58.14	25	31.5	79	58	NE 0	SW 2	5	2	------
21	58.02	58.18	25	31.6	77	65	Calm	WNW 3	3	2	------
22	58.76	57.42	25.4	31.1	80	61	Calm	SW 3	3	2	------
23	58.14	56.39	25.8	31.5	84	64	Calm	W 2	7	3	------
24	57.03	56.64	25	31.5	80	64	NNE 1	NW 2	4	5	------
25	58.32	57.28	25	31.4	83	60	Calm	W 1	1	7	------
26	59.16	57.53	25.8	31.5	81	63	Calm	WNW 1	8	5	71.1
27	59.52	58.08	25.5	30	81	69	Calm	W 1	3	8	------
28	58.31	56.64	25.5	31.2	80	60	Calm	WSW 1	9	2	------
29	57.41	57.10	26	30.6	81	68	Calm	W 1	1	2	------
30	58.86	57.84	25.5	31.5	84	64	Calm	NW 1	3	2	13.2
31	59.32	57.92	25	30.7	87	70	Calm	WSW 1	9	8	------
Mean	57.89	56.86	25.5	30.8	84	68.2	0.1	1.7	5.2	4.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	370.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.36	57.14	25.5	31	85	71	Calm	W 1	1	4	------
2	58.13	57.34	26.5	31.2	84	67	Calm	SSW 1	2	3	------
3	57.96	56.39	25.5	31.5	84	66	Calm	SW 1	0	2	------
4	57.41	56.19	26.4?	31.5	81?	66	Calm	W 1	4	8	------
5	56.39	54.59	26	32	80	64	Calm	SW 1	3	5	3.6
6	56.57	56.36	26.4	29.5	84	75	Calm	Calm	9	9	16.8
7	57.46	56.20	25	30.6	83	68	Calm	SW 1	8	7	1.8
8	57.48	56.30	25	30.8	83	65	Calm	WSW 1	3	4	20.1
9	58.32	56.54	24.5	31.5	89	69	Calm	S 1	3	8	1.8
10	57.89	57.27	26	31	85	69	SE 1	SSW 2	9	10	21.6
11	57.88	56.93	24.5	30.2	87	71	Calm	SW 1	10	4	33.5
12	58.31	56.50	26	31	84	68	Calm	SW 1	7	4	9.4
13	57.82	56.64	25	31.5	83	69	Calm	SW 2	3	5	42.9
14	57.68	57.29	25	31.4	88	68	Calm	W 1	6	7	75.2
15	57.08	56.34	25	30.2	87	71	Calm	SSW 2	8	9	24.1
16	57.01	56.50	26	31	84	66	NNE 1	SW 1	10	4	1.5
17	57.78	57.26	26.5	30.5	87	70	Calm	SW 1	9	4	14.7
18	57.96	58.26	25.5	30.3	84	74	NNE 1	SW 1	5	3	3.8
19	60.28	59.35	25	30.5	85	70	Calm	NW 1	4	3	------
20	60.03	58.70	24.5	30.5	87	72	Calm	W 1	3	4	------
21	58.67	58.44	25.5	31.4	92	70	Calm	SSW 1	5	3	------
22	58.34	58.32	26	31	87	69	WSW 1	SSW 1	8	7	------
23	59.16	58.34	25.9	31.4	85	67	Calm	SW 2	3	6	------
24	59.30	58.14	26.6	31.5	86	66	Calm	SW 1	7	9	50
25	59.59	58.56	24	30.6	86	66	Calm	NW 1	7	4	8.9
26	59.43	58.25	24.5	30	83	73	Calm	SSW 1	9	6	------
27	58.62	57.55	25.5	30.5	84	67	Calm	SW 1	3	4	------
28	59.41	58.96	25.6	29.5	84	72	Calm	SW 1	4	10	98.8
29	59.74	58.63	23.9	30	88	69	Calm	SW 3	9	8	7.1
30	58.88	57.23	24.5	29.9	84	75	Calm	W 1	4	5	9.4
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.30	57.35	25.4	30.8	85.1	69.1	0.1	1.2	5.5	5.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	445

JULY.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.92	57.46	25	30.5	83	65	Calm	SSW 1	7	4	------
2	58.42	58.64	25.5	30.9	81	64	Calm	SW 1	7	5	------
3	59.58	58.30	25	31.1	80	64	Calm	W 1	3	4	------
4	58.79	57.64	26.2	31.5	82	66	NNE 1	W 1	2	3	------
5	57.97	57.17	25.5	31.3	84	65	Calm	SW 1	2	4	------
6	57.24	57.44	26.1	31	85	70	Calm	SW 1	10	9	------
7	57.21	56.53	25.5	31.1	88	68	Calm	SW 1	1	4	------
8	57.25	56.67	26	31	84	70	Calm	SW 1	5	4	2
9	57.71	56.52	25.5	30.2	84	70	Calm	W 2	5	7	16.3
10	56.56	55.83	26	29.4	88	79	Calm	SW 2	8	9	16.8
11	56.88	55.73	24.5	29.9	88	76	Calm	SW 2	8	6	25.9
12	57.83	57.03	25	30	88	76	Calm	SW 1	7	6	23.4
13	58.24	57.23	24.5	29.6	83	78	Calm	SW 1	4	4	4.8
14	56.11	55.33	25.1	30	90	79	Calm	SW 1	3	7	10.4
15	52.90	52.23	25	30.2	90	71	Calm	SW 1	6	9	1.3
16	51.73	50.20	25.5	30.5	93	82	Calm	WSW 1	9	9	3.3
17	52.46	53	26.5	29.2	90	78	SE 2	SSW 3	10	10	58.1
18	54.48	53.21	25	28.5	98	88	S 1	S 3	10	10	25.2
19	53.84	53.85	25.4	25.8	93	92	S 2	SE 1	10	10	45.2
20	55.08	54.43	25.5	28.1	93	80	Calm	S 4	10	10	3.8
21	54.72	55.41	26.2	26.4	86	85	Calm	SW 4	10	10	5.1
22	54.78	53.44	25.8	29.5	90	78	Calm	S 3	10	8	16
23	53	51.42	25.4	29	92	83	Calm	SW 2	9	6	43.7
24	51.59	51.71	24.9	28.5	92	81	Calm	S 4	3	9	------
25	53.12	54.11	26	28.8	93	80	Calm	S 5	9	9	1
26	55.89	55.60	26.2	30.6	87	74	Calm	SSW 4	10	9	------
27	56.04	55.66	26.4	29.5	89	79	Calm	S 1	7	9	1.3
28	54.22	52.31	26.3	27.4	89	89	SE 1	SW 1	10	10	266.1
29	43.35	40.46	26	25.5	98	100	W 8	S 9	10	10	779.3
30	49.86	51.02	25	27	96	90	S 2	S 3	10	10	72.8
31	54.24	54.46	25.4	29.5	93	84	S 2	SSW 2	10	9	5.6
Mean	55.13	54.52	25.5	29.4	88.7	77.5	0.6	2.2	7.3	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,427.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.36	54.45	25.6	30.1	94	77	Calm	SW 2	9	9	------
2	55.72	55.48	25	29.5	92	81	Calm	SW 2	10	8	1.3
3	56.72	55.93	25.5	30	88	75	Calm	SW 3	10	10	------
4	57.66	55.89	25.5	29	88	78	Calm	S 2	10	8	2.5
5	55.24	54.66	25.4	26.7	90	91	Calm	S 1	9	10	10.7
6	54.94	54.46	25	29.5	92	81	Calm	SW 1	4	8	36.8
7	55.29	54.79	25	29.7	95	81	Calm	SSW 3	8	4	45
8	56.63	55.91	25	28.7	92	84	Calm	SW 3	10	10	------
9	56.49	56.93	26.5	29.6	88	84	S 2	S 2	10	10	4.6
10	56.69	55.99	26.5	29.4	90	86	S 1	S 1	10	10	12.4
11	56.22	55.52	25.1	27.5	95	88	Calm	SW 3	10	10	37.8
12	56.09	55.53	24.5	29.2	93	88	Calm	SW 3	9	8	------
13	56.48	55.89	24.4	29.5	92	84	Calm	S 1	5	4	------
14	56.08	55.78	25.7	29.6	93	88	NW 1	SW 1	8	7	9.9
15	55.08	53.03	25.6	29.6	95	86	Calm	NNW 2	9	10	143
16	47.54	49.70	26.2	23.6	98	99	W 4	S 5	10	10	179.9
17	55.73	57.64	23.5	29.5	95	90	Calm	SSW 1	9	10	------
18	59.51	58.69	26	30.2	96	89	Calm	W 1	8	7	7.1
19	57.41	55.69	25.5	29.2	93	84	Calm	SW 1	1	7	------
20	55.41	55.04	25.5	29	96	90	Calm	Calm	4	9	33.8
21	56	55.50	24	29	93	89	Calm	Calm	4	5	1.8
22	55.99	54.85	26	29.7	96	84	Calm	SSW 1	4	3	2
23	55.63	54.99	26.6	30	92	85	Calm	SW 1	4	4	1
24	56.21	55.46	25.5	29.5	92	84	Calm	SW 1	1	3	12.7
25	57.24	56.86	25.7	30	94	85	Calm	SW 2	1	3	14.7
26	56.95	54.99	24.5	29.5	96	82	Calm	W 1	1	1	3.8
27	54.12	52.41	26	30	94	88	Calm	W 1	3	4	1
28	52.66	51.83	26.5	30.8	93	85	N 2	NNW 1	1	5	3.8
29	55.57	55.43	27.2	29.9	94	89	Calm	SSW 1	10	8	2
30	57.28	56.60	26.5	30.1	94	86	Calm	SW 1	10	5	------
31	57.60	56.59	26.5	29.2	94	86	Calm	Calm	8	9	------
Mean	55.86	55.24	25.5	29.3	93.1	85.4	0.3	1.5	6.8	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	567.6

[a] The rainfall of the 30th in the "Monthly Bulletin" should be 72.8 mm. instead of 74.1 mm.

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

SEPTEMBER.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.46	54.49	25.5	30.2	96	85	Calm	NW 2	10	10	12.7
2	53.50	52.26	24.5	29.1	95	88	Calm	WNW 1	9	7	28.7
3	49.95	46.50	26	26	95	97	SE 1	SE 1	10	10	191.6
4	46.03	48.69	24.6	24.1	97	98	SW 6	SSW 5	10	10	254
5	52.50	53.81	24.3	25.6	97	98	S 3	SSW 2	10	10	66.3
6	56.20	56.54	25.4	29.6	93	89	Calm	SSW 1	7	9	5.8
7	57.79	57.04	25	29	93	89	Calm	SW 1	8	10	10.9
8	57.56	56.34	25.8	27	95	95	Calm	S 1	10	10	36.3
9	55.69	54.93	26.5	27.9	98	97	Calm	W 1	9	10	26.2
10	53.03	52.70	26	24.8	96	98	NNE 1	SE 1	10	10	89.4
11	50.80	52.35	24.5	26.8	92	93	S 2	S 2	7	10	10.4
12	55.06	56.39	24.3	29.5	93	85	Calm	SSW 1	9	10	------
13	59.35	58.43	25	30	93	89	Calm	SW 1	1	3	------
14	59.79	58.73	25.1	29.5	87	76	Calm	WNW 1	3	9	22.9
15	58.09	56.33	25.8	27	88	88	SE 1	WNW 1	10	10	205.8
16	54.29	54.66	25.7	24.5	92	92	SW 3	SSW 3	10	10	203.2
17	56.48	56.24	25.5	28.2	97	83	S 4	S 3	10	10	------
18	57.32	57.51	25	30	92	80	Calm	SSW 2	10	9	------
19	59.32	58.84	25	29.5	90	75	Calm	WNW 1	9	4	------
20	58.86	57.73	25	29.7	88	78	Calm	NW 1	0	7	------
21	57.52	56.34	25	29.5	87	77	Calm	SW 1	3	4	1.5
22	57.83	57.26	25	30	88	71	Calm	W 1	3	2	2.8
23	59.47	58.53	24.9	29.9	86	75	Calm	NW 1	1	4	8.6
24	59.38	58.43	24.5	30	87	69	Calm	W 1	1	4	------
25	59.27	57.94	25	30.1	87	71	Calm	NW 1	4	5	1.5
26	58.73	57.98	24.5	30.1	87	75	NNE 1	SW 1	6	5	1
27	59.48	58.86	24.1	30.1	85	67	Calm	W 1	2	3	------
28	58.93	58.39	24.2	30	85	68	Calm	SW 1	1	1	------
29	59.05	57.60	25	31	83	65	Calm	WNW 1	0	1	------
30	57.96	57.56	25.5	30.5	84	68	Calm	W 1	5	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.52	55.98	25.1	28.6	90.9	82.6	0.7	1.4	6.3	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,179.0

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.06	57.40	25.4	30.7	84	70	Calm	NW 1	0	0	------
2	58.01	56.80	26	30.5	84	68	Calm	SW 1	1	2	------
3	57.71	57.15	26	30.5	84	73	Calm	W 1	4	4	------
4	58.46	57.86	25.5	30.4	84	61	Calm	W 1	8	9	------
5	58.41	56.92	25.5	30.5	84	69	Calm	SSW 1	7	8	6.4
6	58.48	56.73	24	29.6	86	65	Calm	NW 1	1	0	------
7	59.28	57.59	25.7	30.5	86	65	Calm	WNW 1	0	2	------
8	58.93	57.26	24.5	30.5	87	62	Calm	WNW 1	0	0	------
9	57.82	55.76	25	30.4	83	70	Calm	W 1	3	7	1.3
10	56.51	54.75	25	30.4	88	72	N 1	WNW 1	4	9	------
11	55.51	53.59	25	30.4	87	68	N 1	SSW 1	10	10	------
12	54.14	52.79	25.1	30	86	71	Calm	WSW 1	10	10	4.1
13	51.06	49.31	25.2	30	86	71	N 1	SW 1	9	10	------
14	50.45	50.06	25	29.4	88	72	NNE 1	NW 1	10	10	------
15	53.80	54.30	24.2	29.1	87	76	Calm	NNW 1	9	8	1.3
16	57.57	56.91	24.9	28.6	87	70	Calm	NW 2	10	9	------
17	58.99	57.66	21.7	28.1	85	61	Calm	SW 1	1	0	------
18	59.63	57.99	23.5	29.5	84	68	Calm	SW 1	4	0	13.7
19	59.88	58.89	24.6	29.2	87	72	Calm	NW 1	4	3	2.5
20	60.17	59.29	25	29.5	88	71	Calm	WSW 1	9	3	------
21	60.63	58.73	24	30	85	71	Calm	NW 1	1	2	------
22	59.74	57.63	24	30.1	86	72	Calm	W 1	1	7	------
23	58.94	56.80	24	30.6	84	57	Calm	NNE 3	8	5	------
24	59.56	58.79	22.6	29.5	69	59	NNE 2	NW 1	2	1	------
25	61.02	59.24	22.3	29.2	76	55	N 1	NW 2	3	2	------
26	60.83	58.45	20.7	28.9	71	58	NNE 1	NW 1	3	7	------
27	60.43	58.70	22.2	29	81	62	Calm	NW 1	2	7	------
28	60.94	59.33	22.5	29.5	82	58	N 1	NW 3	4	3	------
29	61.34	60.01	22.7	29.5	78	59	N 1	W 1	2	3	------
30	60.91	59.19	22.5	29	82	71	Calm	W 1	0	2	------
31	59.96	59.09	22.5	30	87	68	Calm	W 1	1	4	------
Mean	58.30	56.93	24.1	29.8	83.7	66.6	0.3	1.2	4.2	4.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	29.3

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.98	58.56	24.5	30.5	87	71	Calm	W 1	8	4	4.8
2	59.95	59.01	23.5	28.7	84	71	NNE 1	NW 1	8	7	------
3	60.38	58.93	24.2	29.5	86	70	Calm	SW 1	1	3	------
4	60.90	59.22	24	30.5	83	66	Calm	WSW 1	2	4	------
5	60.07	59.36	25.2	30	86	69	Calm	SW 1	4	4	1.8
6	60.66	59.35	24	29	87	77	Calm	SSW 1	5	10	------
7	60.98	59.35	23.1	30.5	89	70	Calm	WNW 1	3	2	------
8	60.83	59.79	22.9	30.2	88	73	Calm	WSW 1	4	2	------
9	61.44	59.06	24	30	83	65	Calm	WNW 1	3	4	------
10	60.18	58.26	24	31	87	65	Calm	S 1	0	2	------
11	60.45	58.63	23	30	80	59	Calm	W 1	2	1	------
12	60.97	59.46	23.4	30.2	84	60	Calm	WNW 1	2	0	------
13	61.38	59.69	24	30.1	90	62	NNW 1	NW 3	5	2	------
14	60.84	59.09	22.8	30	68	49	N 3	N 2	10	4	------
15	61.29	60.98	20.1	28.5	76	63	Calm	SW 1	2	3	------
16	61.97	60.26	22	28.8	78	63	Calm	SW 1	5	2	------
17	61.16	59.75	22	29	77	58	Calm	NW 3	1	0	------
18	62.11	60.99	22.5	28.6	82	66	Calm	SW 3	2	3	------
19	61.97	61.18	21.6	29.2	83	63	Calm	SW 1	0	3	------
20	62.28	61.34	23	30.5	83	68	Calm	SW 1	2	4	------
21	62.04	60.36	22.7	29.7	85	70	Calm	W 1	0	3	------
22	61.28	58.69	22.5	31.5	82	54	Calm	NNE 3	0	1	------
23	62.03	60.73	23	31.2	78	61	NNW 1	SSE 1	0	3	------
24	62.21	61	22.2	30	72	56	Calm	NW 1	0	2	------
25	62.65	60.41	20	28.9	72	55	Calm	SW 1	0	0	------
26	60.71	59.11	20.7	28.6	79	63	N 1	SW 1	2	1	------
27	58.29	57.09	22	29	82	64	Calm	WSW 1	2	8	------
28	58.33	58.19	25	29.5	80	71	Calm	SW 1	10	9	12.7
29	59.73	58.51	22.1	28.7	88	69	Calm	WNW 1	4	0	------
30	59.90	59.09	23	29	87	74	Calm	NW 1	0	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.90	59.51	22.9	29.7	82.2	64.8	0.2	1.3	2.9	3.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	19.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.51	59.04	22.8	29.2	81	68	Calm	WNW 2	1	0	------
2	60.84	59.51	21.4	28.5	83	67	Calm	NW 1	8	1	------
3	61.28	60.83	23.4	29	84	69	Calm	WNW 2	7	4	------
4	63.02	61.53	23.6	28.6	86	68	NNW 1	NNW 3	7	9	------
5	63.17	60.61	22.4	30	75	53	Calm	N 3	4	7	------
6	63.14	61.06	22	28.9	76	68	Calm	W 2	1	7	------
7	62.38	60.63	22.5	29	83	70	Calm	NW 1	2	2	------
8	61.56	59.85	21.8	28.5	86	67	Calm	W 1	4	8	------
9	61.06	60.01	23.9	29.5	72	65	Calm	S 1	7	4	------
10	61.28	59.85	21.5	29	78	68	Calm	W 1	4	3	------
11	60.78	59.32	21.5	28.8	85	67	Calm	SW 1	2	8	------
12	60.39	58.39	22.2	29.2	86	72	Calm	SW 2	3	1	------
13	60.13	59.45	22.5	28.5	87	74	Calm	WSW 1	2	10	------
14	59.71	58.23	22.8	30	84	70	Calm	SW 1	1	1	------
15	59.65	58.40	21	28.9	83	65	Calm	W 1	4	2	------
16	60.46	59.03	24	30	85	71	Calm	SW 1	5	3	------
17	61.02	58.98	24	30.7	83	63	Calm	SW 1	7	4	------
18	60.38	59.71	24.1	29.9	65	65	NE 3	SSW 2	9	8	------
19	60.94	60.55	23	28.8	73	69	Calm	SW 2	4	3	------
20	62.74	60.15	23	29.5	79	64	NNE 1	NW 3	6	2	------
21	61.61	59.71	24.4	29.5	84	72	NW 1	WNW 1	7	8	------
22	60.72	58.29	23.9	29.5	84	65	Calm	WNW 2	8	2	------
23	60.15	58.38	24.5	29.8	79	64	Calm	NNW 3	3	6	------
24	60.53	58.73	23	30	79	64	NNE 1	WNW 1	5	6	------
25	59.60	58.58	23.5	29.5	84	73	Calm	SW 1	7	10	------
26	60.01	58.94	23	28.9	87	75	Calm	NW 2	9	8	------
27	60.46	59.33	20.5	27.3	84	70	NNE 1	N 5	7	6	------
28	61.28	59.79	20.7	27.1	84	65	Calm	W 1	8	6	------
29	62.44	61.16	20.7	27.8	84	62	Calm	W 1	2	3	------
30	64.08	62.43	23.2	29.5	81	62	Calm	NW 3	10	6	------
31	63.92	62.08	24.5	29.1	64	49	N 2	NNE 3	9	6	------
Mean	61.27	59.76	22.8	29.1	80.9	66.6	0.3	1.8	5.3	5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

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[a] The rainfall of the 3rd in the "Monthly Bulletin" should be 191.6 mm. instead of 191.8 mm.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.33	60.51	24.9	29	72	62	Calm	NNE 4	6	10	------
2	60.54	57.47	23.3	32.4	88	52	Calm	NE 2	10	8	------
3	59.70	58.97	22.3	30.1	87	66	ESE 1	NW 2	5	4	------
4	60.93	59.89	20.4	30	96	64	Calm	NNE 4	9	8	0.8
5	60.62	59.08	23.9	31	75	50	NNE 1	NNE 3	8	6	------
6	60.75	57.93	20.9	31.8	92	52	Calm	ENE 4	8	9	------
7	60.04	58.43	21.4	29.3	89	59	Calm	NNW 2	8	1	------
8	60.02	59.03	21.1	29.2	94	66	Calm	NNW 1	2	1	------
9	60.20	58.13	20.4	30.4	96	64	Calm	NW 2	5	3	------
10	59.41	57.16	20.9	32.8	95	49	Calm	NNE 1	2	2	------
11	59.90	58.33	21.4	30.8	87	52	Calm	Calm	8	10	------
12	60.26	58.89	22.8	28.4	74	60	Calm	Calm	10	10	------
13	61.23	59.88	23	28.9	88	59	Calm	NNW 3	9	4	------
14	60.59	59.78	21.4	29.9	92	53	Calm	Calm	9	3	------
15	61.70	60.60	21.4	30.4	91	55	Calm	NNW 1	7	1	------
16	62.03	61.01	19.9	29.9	94	48	Calm	NNW 2	1	1	------
17	61.42	60.39	17.4	29.1	96	52	Calm	NNW 2	0	1	------
18	61.57	60.98	18.9	27.4	93	64	Calm	NW 2	2	10	------
19	61.44	59.93	19.3	29.4	91	52	Calm	NNE 2	9	4	------
20	61.69	60.33	18.4	29.4	91	59	Calm	NW 1	1	2	------
21	61.24	61.32	21.2	28.2	94	63	Calm	W 3	1	4	------
22	62.62	61.17	18.6	30.9	94	48	Calm	NW 2	3	1	------
23	62.19	61.32	18.9	29.8	91	56	Calm	NNW 1	1	1	------
24	62.65	61.76	20.3	29	93	66	Calm	WNW 2	1	3	------
25	64.28	63.83	22.8	26.3	79	64	NNE 3	NNE 5	10	9	------
26	65.30	63.52	20.9	27.5	74	49	NNE 3	NE 5	2	1	------
27	64.39	62.44	20	30.8	72	39	Calm	ESE 1	6	1	------
28	64.29	62.79	16.3	28.9	88	43	Calm	NW 2	4	1	------
29	64.30	62.58	16.9	30.8	89	47	Calm	NW 1	3	1	------
30	65.09	63.83	21.7	28.3	69	47	NNE 2	NE 4	2	2	------
31	64.18	63.13	18.7	29.3	83	42	Calm	ESE 5	3	8	------
Mean	61.80	60.46	20.6	29.7	87.3	54.9	0.3	2.2	5	4.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0.8

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	65.21	63.37	16.8	31.4	86	43	Calm	ESE 3	5	1	------
2	63.77	62.14	16.7	32.4	87	37	Calm	Calm	8	7	------
3	62.62	60.46	16.9	33	87	37	Calm	Calm	1	2	------
4	61.13	59.93	18.4	28.5	86	64	Calm	WNW 1	0	4	------
5	61.34	60.17	19.8	29.4	88	63	Calm	W 1	0	6	------
6	61.81	60.11?	19	31.4	95	48	Calm	NW 1	1	2	------
7	61.30	59.87	23.3	32.7	68	42	ENE 1	ESE 3	9	8	------
8	60.46	59.24	19.4	30.9	85	48	Calm	NNW 1	3	7	------
9	60.77	60.22	21.9	29.4	86	62	Calm	WNW 1	5	6	------
10	61.35	60.46	22.4	29.9	88	57	Calm	NNE 3	7	2	------
11	62.50	61.36	22.7	29.9	72	46	NNE 1	NE 4	4	1	------
12	62.94	60.86	19.4	33.1	84	39	Calm	Calm	7	2	------
13	62.64	61.11	19.4	29.6	87	55	Calm	NNW 1	5	1	------
14	62.70	61.92	19.2	29.7	88	63	Calm	W 1	1	4	------
15	63.34	63.06	22.9	29.5	89	64	Calm	NNW 3	9	6	------
16	64.63	61.85	19.5	31.4	86	47	Calm	NNW 4	3	1	------
17	62.39	60.03	16.5	31.7	89	48	Calm	NNW 1	1	1	------
18	61.26	59.49	19.3	29.9	87	58	Calm	NNW 3	4	1	------
19	60.58	59.77	19.8	30.1	83	58	Calm	NNW 2	0	2	------
20	60.31	58.36	19.9	30.9	91	49	Calm	NNW 2	1	10	------
21	59.45	57.98	19.5	30.3	94	57	Calm	NW 1	2	5	------
22	58.76	57.59	21.8	32	89	57	Calm	W 1	4	1	------
23	58.34	57.01	21.7	31	92	58	Calm	NW 2	1	2	------
24	59.57	57.94?	23.4	32.4	90	51	Calm	NW 1	3	1	------
25	60.17	59	21.4	31.1	92	59	Calm	NW 1	2	1	------
26	60.44	59.31	23.4	31.6	79	50	NNE 2	NNW 3	2	1	------
27	60.56	58.53	22.2	31.4	78	43	NNE 2	NNE 2	2	1	------
28	59.87	59.12	20	31.4	88	46	Calm	NNW 3	1	1	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.44	60.01	20.2	30.9	86.2	51.8	0.2	1.8	3.2	3.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.38	60.28	19.4	31.2	88	46	Calm	NNW 4	1	1	------
2	61.79	59.63	23	33.9	71	41	Calm	NE 2	1	2	------
3	60.64	59.12	23.6	33.1	76	38	Calm	NE 3	9	9	------
4	60.42	58.05	19.4	33.6	87	40	Calm	E 3	2	4	------
5	60.16	58.58	25	29.8	70	56	Calm	N 4	10	9	------
6	60.18	57.83	24	32.9	78	53	NNE 1	NNE 1	8	4	------
7	59	57.55	22.4	30.4	88	56	Calm	WNW 2	5	3	------
8	58.66	56.41	24.3	31.2	86	58	Calm	NW 2	9	2	------
9	57.63	55.91	23.9	33.1	88	55	Calm	N 3	9	4	------
10	58.28	56.95	23.8	33.9	81	48	Calm	NE 3	3	9	------
11	59.29	57.46	24.9	31.2	83	57	Calm	WNW 2	10	3	------
12	59.42	57.97	23.6	30.6	90	63	Calm	NNW 3	5	3	------
13	59.15	56.93	20.9	31.9	96	40	Calm	NW 1	2	1	------
14	60.32	57.53	21.4	32.5	91	49	Calm	NNW 1	3	1	------
15	59.51	58.50	22.9	30.7	82	53	Calm	NNW 1	9	9	------
16	58.88	58.01	23.6	30.4	78	59	Calm	WNW 2	2	3	------
17	59.66	56.83	22.3	31.6	88	54	Calm	NW 1	0	1	------
18	59.30	58.09	23.4	31.8	88	56	Calm	WNW 2	9	8	------
19	58.96	57.69	23.4	31.2	88	61	ESE 1	NW 1	2	1	------
20	59.74	58.36	23.4	31.6	84	59	Calm	NW 1	8	2	------
21	58.84	57.25	22.3	31.4	91	59	Calm	NW 1	3	1	------
22	58.46	56.86	23.5	32.8	90	46	Calm	NNW 3	9	1	------
23	57.99	57	21.6	31.7	86	46	Calm	NW 1	4	1	------
24	59.72	59.12	20.4	31.9	87	46	Calm	WNW 1	3	1	------
25	61.78	59.35	24.2	31.4	88	52	Calm	NNE 3	10	6	------
26	60.30	58.26	21.9	34	84	43	Calm	ENE 1	2	4	------
27	61.12	59.39	23.8	31.4	81	42	Calm	NW 1	3	4	------
28	61.82	59.74	23.3	31.7	82	46	Calm	NW 2	9	6	------
29	61.15	59.42	22.1	31.7	90	50	Calm	NW 2	2	1	------
30	60.35	59.32	20.6	31.9	92	60	Calm	W 2	1	3	------
31	60.54	59.45	24.3	30.8	84	64	Calm	W 2	8	5	------
Mean	59.82	58.16	22.8	31.8	85	51.5	0.1	2	5.2	3.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.24	58.75	23.9	31.6	84	56	Calm	WNW 1	8	8	------
2	59.78	58.16	23.9	31.7	91	47	Calm	NW 3	7	1	------
3	59.17	58.01	20.2	30.9	89	57	Calm	NNW 3	5	6	------
4	59.34	58.51	20.9	30.7	84	60	Calm	WNW 1	5	1	------
5	59.52	58.19	22.2	31.6	85	59	Calm	W 2	1	1	------
6	59	57.72	23	30.9	90	62	Calm	W 1	8	5	------
7	58.45	57.35	22	32.3	89	42	Calm	NNW 2	1	1	------
8	58.88	57.39	24.2	32.3	79	49	Calm	NNW 2	6	1	------
9	58.93	56.89	24.2	34.9	80	42	Calm	NNW 1	3	1	------
10	58.68	57.75	25.9	31.7	88	63	Calm	WSW 2	5	8	------
11	57.81	58.11	22.4	31.2	89	56	Calm	WNW 2	6	1	------
12	58.84	58.31	22.9	31.7	90	58	Calm	NW 2	1	3	------
13	59.18	57.70	23.8	33.4	85	60	Calm	WSW 1	1	2	------
14	59.28	58.24	24.6	32.1	86	61	Calm	WSW 3	3	4	------
15	59	57.19	25.4	31.4	82	57	Calm	NW 3	9	5	------
16	58.34	57.19	23.9	31.2	86	58	Calm	NNW 3	4	1	------
17	58.46	57.59	23.9	31.9	87	55	Calm	WNW 1	0	3	------
18	59.10	57.60	24.4	32.4	87	51	Calm	Calm	4	10	------
19	59.48	58.98	23.8	30.5	85	62	Calm	Calm	10	10	------
20	60.03	58.61	24.4	34.7	87	46	Calm	WNW 1	7	5	------
21	59.31	58.18	23.2	33	88	57	ESE 1	W 2	1	2	------
22	59.13	59.09	23.8	32	88	58	Calm	NW 2	1	4	------
23	58.46	56.70	23.9	34	90	56	Calm	W 3	1	2	------
24	57.54	56.43	24.4	33	88	55	Calm	WNW 2	1	2	------
25	57.71	56.74	24.3	31.9	88	65	Calm	NW 2	5	6	------
26	58.34	57.44	24.3	32.1	92	63	Calm	W 1	0	8	------
27	58.59	57.47	24.2	34.1	90	48	Calm	WNW 2	1	3	------
28	58.25	57.22	24.4	32.1	87	60	Calm	WNW 3	1	4	------
29	58.43	56.57	24.4	32.3	84	60	Calm	NW 2	1	3	------
30	57.54	56.32	26.4	33	79	59	Calm	WSW 3	5	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.83	57.68	23.8	32.2	86.6	56.1	0	1.9	3.7	3.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 13 meters; gravity correction not applied, —1.58 mm.]

Day.	MAY.[a]											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.39	56.32	23.9	31.9	79	58	Calm	NW 4	1	2	-----	58.42	57.15	-----	-----	-----	-----	Calm	WNW 1	2	8	17.8
2	57.11	56.80	24.3	32.8	79	58	ESE 1	W 3	1	7	20.6	58.03	57.19	-----	-----	-----	-----	Calm	WNW 1	1	8	-----
3	58.53	57.54	24.3	33.4	94	48	Calm	NNW 2	1	2	-----	57.74	56.70	-----	-----	-----	-----	Calm	W 2	1	6	-----
4	58.15	56.52	24.1	34.4	86	49	Calm	WSW 1	4	2	-----	56.79	56.63	-----	-----	-----	-----	Calm	W 1	1	6	-----
5	57.03	55.79	24.5	33.4	85	47	Calm	WNW 2	1	2	-----	55.89	54.79	25.9	32.9	86	60	Calm	WSW 3	2	4	-----
6	56.38	56.08	24.9	32	86	65	Calm	WNW 2	3	8	-----	56.67	56.06	25.4	30.1	88	74	Calm	WSW 2	10	10	31.2
7	55.12	54.63	25.9	34.4	79	46	Calm	ESE 1	10	10	-----	57.42	56.22	24.4	31.8	90	64	Calm	NNW 1	9	9	22.1
8	54.94	53.36	25.6	33.6	86	58	Calm	NWbyN 2	9	9	13.3	57.64	56.47	23.8	31	93	62	Calm	WNW 1	3	4	-----
9	52.79	49.05	25.4	25.2	88	83	Calm	ENE 1	10	10	-----	58.27	56.60	24.8	32.4	91	62	Calm	SW 2	9	7	18.3
10	-----	55.21	(b)	-----	-----	-----	-----	SW 3	-----	10	(b)	58.17	57.40	24.4	31.2	93	65	Calm	SW 1	8	10	45.7
11	57.07	56.56	-----	-----	-----	-----	Calm	W 2	6	9	1.8	57.90	57.02	23.4	31.6	97	66	Calm	SSW 2	10	7	.5
12	58.33	57.35	-----	-----	-----	-----	Calm	SSW 4	6	9	-----	58.18	56.74	23.9	32.1	90	66	SE 1	SW 2	5	8	-----
13	58.63	57.34	-----	-----	-----	-----	Calm	SSW 3	7	10	-----	58.19	57.07	24.8	32.3	90	62	Calm	SW 1	9	9	33.5
14	57.96	56.39	-----	-----	-----	-----	Calm	SSW 3	7	3	-----	57.69	56.59	24	31.2	95	64	SE 1	WSW 2	9	10	17.8
15	57.96	57.08	-----	-----	-----	-----	Calm	SSW 4	3	3	-----	57.09	56.44	23.6	31.8	88	62	Calm	SW 4	10	9	45.7
16	58.17	58.76	-----	-----	-----	-----	ESE 1	Calm	7	10	2.3	56.79	56.37	25.3	32.1	93	67	Calm	SW 2	10	4	-----
17	59.50	58.20	-----	-----	-----	-----	Calm	NNW 1	9	3	-----	57.54	56.95	26.1	32.4	94	66	Calm	WSW 2	3	3	6.4
18	59.54	58.52	-----	-----	-----	-----	Calm	WNW 2	8	4	-----	58.59	58.04	25.6	32.5	94	62	Calm	SW 1	9	3	5.6
19	58.98	58.78	-----	-----	-----	-----	Calm	W 1	3	9	-----	59.82	59.24	24.8	31.7	92	63	Calm	SW 2	8	3	-----
20	59.16	58.25	-----	-----	-----	-----	Calm	NNW 1	9	3	-----	59.69	58.72	25	32	88	67	Calm	SW 2	4	8	6.6
21	58.03	58.24	-----	-----	-----	-----	Calm	N 3	2	7	-----	58.40	57.90	24.9	31.9	87	69	SE 1	SW 3	2	5	-----
22	58.60	57.19	-----	-----	-----	-----	Calm	WSW 1	4	3	-----	58.12	57.60	24.9	31.9	83	67	SE 1	WSW 3	5	7	-----
23	57.84	56.65	-----	-----	-----	-----	Calm	SW 1	3	4	-----	59.07	57.50	24.9	32.3	82	63	SE 1	SW 3	7	8	-----
24	57.07	56.71	-----	-----	-----	-----	Calm	WNW 2	1	3	-----	58.84	58.38	25.3	32.5	84	68	Calm	WSW 2	1	9	-----
25	58.34	58.17	-----	-----	-----	-----	Calm	WNW 1	1	8	-----	59.23	58.20	24	32.8	87	71	ESE 1	WSW 1	9	3	6.1
26	58.71	57.91	-----	-----	-----	-----	Calm	WNW 1	9	9	-----	59.14	58.09	24.3	31.8	90	70	Calm	SW 2	9	10	-----
27	59.12	58.29	-----	-----	-----	-----	Calm	WNW 1	1	10	11.9	58.37	57.66	25.3	32	89	63	Calm	SW 1	3	5	-----
28	57.82	56.51	-----	-----	-----	-----	Calm	WNW 1	5	3	-----	59.06	58.97	24.9	28.4	90	77	SE 1	Calm	9	9	10.2
29	57.53	57.20	-----	-----	-----	-----	Calm	NW 1	0	4	-----	59.52	58.11	23.4	31.2	97	61	Calm	SSW 3	9	9	9.7
30	58.81	57.46	-----	-----	-----	-----	Calm	NNW 2	1	6	3.8	58.68	57.16	23.8	30.7	93	72	Calm	SW 1	10	9	5.6
31	59.39	57.70	-----	-----	-----	-----	Calm	SW 1	9	9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.80	56.79	-----	-----	-----	-----	0.1	1.8	4.7	6.2	-----	58.16	57.27	24.6	31.7	90.2	65.9	0.2	1.8	6.2	7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[c]53.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	282.8

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58	57.32	23.9	31.9	95	55	Calm	swbyw 1	2	3	-----	55.08	54.17	24.7	31.5	93	68	Calm	WSW 2	9	10	0.3
2	58.53	58.07	24.1	32.9	86	52	Calm	Calm	6	8	-----	55.82	55.12	24.6	30.7	92	66	Calm	SW 3	10	10	-----
3	59.52	58.15	24.9	30.4	88	74	Calm	W 1	3	10	-----	56.18	55.51	24.1	29.9	93	69	Calm	SSW 4	4	9	-----
4	58.74	57.79	24.9	30.3	91	72	Calm	WNW 1	1	7	-----	56.09	55.03	23.4	30	87	71	Calm	WSW 2	3	8	1
5	57.69	57.09	24.4	31.6	91	64	Calm	SW 2	2	9	-----	55.05	54.46	24.8	29.4	95	75	Calm	SW 2	10	9	.8
6	56.89	56.80	24.4	32.8	92	63	Calm	SW 2	3	4	30.7	54.65	54.15	23.2	30.7	92	70	ESE 1	SW 2	2	9	12.2
7	57.01	56.57	24.8	31.4	93	70	Calm	SW 1	1	9	1	54.82	54.42	24.4	30.3	97	70	Calm	SSW 3	10	8	4.3
8	57.16	56.64	24.9	30.7	94	70	Calm	WSW 2	4	10	.3	55.72	55.20	24.8	29.8	93	66	Calm	SSW 4	10	10	.3
9	57.35	56.19	24.6	31.9	92	65	Calm	SW 3	8	10	-----	56.05	56.44	25.5	26.6	92	84	SSW 1	SSW 1	10	10	12.9
10	56.59	56.02	24.9	27.8	92	80	Calm	SSW 1	10	10	13.2	56.24	55.93	24.9	27.5	92	84	Calm	SSW 2	10	10	33.8
11	56.80	55.75	23.2	31.4	93	62	Calm	WSW 2	8	7	54.6	55.86	55.20	23.9	29.8	95	71	Calm	WSW 3	10	8	51.6
12	57.74	56.91	23.7	30.3	97	70	Calm	Calm	10	10	27.7	56.04	55.13	23.3	30.8	92	64	Calm	SW 3	6	7	2.3
13	58.07	57.07	23.9	30.4	96	69	Calm	swbyw 2	6	10	.5	56.71	55.66	24.3	31	94	65	Calm	WSW 2	4	3	-----
14	56.19	54.85	24.6	31.4	95	73	Calm	WSW 2	2	9	-----	56.44	55.75	24.5	30.6	89	71	Calm	WSW 1	3	7	-----
15	53.04	50.73	24	34.4	95	60	Calm	Calm	7	10	-----	55.22	53.92	24.6	29.1	92	74	Calm	NNW 2	10	10	29
16	51.65	49.69	26.1	33.8	89	48	Calm	SE 2	9	9	.3	43.70	42.96	-----	-----	-----	-----	NNW 6	SSW 10	10	10	146.5
17	52.60	52.93	25.4	29.7	91	73	SSW 1	SW 3	10	10	-----	53.01	58.17	23.9	30.3	86	66	S 1	W 1	10	10	-----
18	53	52.32	25.3	30.3	89	72	Calm	SSW 3	10	10	.6	59.39	58.87	24.7	30.7	94	71	Calm	NNW 2	2	6	-----
19	52.75	53.08	24.9	26.4	90	85	Calm	SSW 2	10	10	19.8	57.95	55.64	24.7	32.5	92	66	Calm	NNW 1	0	7	-----
20	53.90	53.58	25.4	28.9	93	76	SSW 3	SSW 5	10	10	-----	56.07	55.22	25	30.6	95	72	Calm	SW 2	2	10	7.4
21	54.18	54.85	25.9	26.4	85	92	Calm	SSW 3	10	10	8.6	56.39	55.77	24.3	31.6	92	66	SE 1	WSW 2	1	3	-----
22	54.24	52.96	24.4	29.9	91	69	Calm	W 3	10	9	4.8	56.02	55.01	25.1	31.3	91	65	Calm	SW 2	0	2	-----
23	52.86	51.33	23.4	29.7	97	75	Calm	SW 2	4	9	3.2	56.02	54.80	25.1	31.5	89	68	Calm	WSW 2	0	5	-----
24	51.39	51.09	24.4	27.6	97	84	Calm	SSW 2	5	10	13	56.67	55.57	25.3	31.1	93	64	Calm	WSW 2	0	3	5.6
25	53.06	53.28	24.3	29.3	93	74	Calm	SSW 4	10	10	.3	57.65	56.69	24.3	30.7	92	71	Calm	W 2	1	4	2
26	55.59	55.24	26	31.3	85	64	S 1	SSW 4	10	10	-----	57.26	55.54	23.9	31.5	96	69	Calm	WSW 2	0	3	-----
27	56.01	55.25	25.1	30.9	91	69	Calm	WSW 3	10	10	-----	54.97	53.01	24.3	32	92	69	Calm	NW 2	0	4	-----
28	54.46	51.88	24.3	26.8	91	86	Calm	Calm	10	10	142.8	53.03	52.06	25.1	31.2	88	71	NNW 1	NNW 2	3	5	-----
29	40.87	37.23	25.9	27.4	98	79	N 5	SE 2	10	10	76.7	55.06	55.47	26.5	31.3	88	68	Calm	WbyS 2	9	8	4.8
30	47.68	50.62	24.1	23.8	93	93	SSW 7	SSW 3	10	10	108.2	57.39	56.55	25.7	31.5	89	66	Calm	WbyS 2	2	4	8.6
31	53.97	54.08	25.1	29.8	90	71	SSW 1	SSW 4	10	10	.5	58.13	56.77	25.9	27.9	91	88	Calm	S 1	10	10	6.1
Mean	54.76	54.04	24.7	30.1	92	71.3	0.6	2.1	7.1	9.1	-----	55.63	54.97	24.6	30.4	91.9	70.3	0.4	2.4	5.2	7.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	506.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	332.5

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[a] Beginning with the afternoon of May 13, the height of the barometer above sea level was 9.5 meters.
[b] The thermometer shelter and raingauge were blown down during a typhoon in the afternoon of the 9th.
[c] 29 days of observation.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.83	54.68	24.8	27.5	95	88	Calm	NW 2	0	10	13.8
2	53.74	52.28	25.5	29.1	89	80	Calm	NNE 1	3	10	89.7
3	49.11	46.03	25.1	28.5	96	81	NNE 3	N 5	10	10	294.8
4	40.25	42.05	23.3	-----	97	-----	WNW 6	WSW 11	10	10	564.2
5	50.15	52.99	-----	26.9	-----	88	SSW 6	SSW 6	10	10	64.1
6	55.63	55.46	25	30.5	92	67	S 2	S 4	10	10	------
7	56.97	56.51	25.1	28.3	91	80	S 1	S 3	10	10	9.1
8	57.04	55.61	25	29.5	93	78	S 2	SW 3	10	10	30.3
9	55.79	54.03	25.1	28.1	94	89	S 1	SW 3	10	10	68.3
10	53.55	52.22	24.6	24.1	95	95	SW 1	SSW 3	10	10	13.7
11	50.08	52.35	24.5	26.1	87	89	S 1	S 2	10	10	4.3
12	55.39	56.15	24.2	30.1	82	69	S 1	S 3	10	10	------
13	59.03	58.17	25.1	31.5	91	63	Calm	SSW 3	7	4	------
14	59.92	58.56	24.1	30.1	92	68	S 1	SW 2	3	8	3
15	57.99	55.79	26.5	27.6	90	87	NNW 2	NNW 3	10	10	76
16	51.34	51	24.5	24.4	96	93	NW 3	WSW 6	10	10	119.8
17	56.18	55.36	24	28.3	95	75	SSE 2	SSW 4	10	10	27.7
18	57.04	57.20	24	30.7	97	70	S 1	S 3	10	7	------
19	59.35	58.91	24.7	29.9	89	72	SSE 1	W 1	3	6	------
20	59.16	57.72	24.3	30.5	92	71	Calm	W 2	0	3	------
21	57.94	56.20	24.5	31.9	91	64	Calm	WSW 2	0	6	------
22	58.02	57.57	25	31.1	92	65	Calm	NW 2	0	2	------
23	59.05	58	24.5	32.1	94	56	Calm	W 1	0	5	------
24	59.23	58.32	24.5	31.1	96	62	E 1	W 2	0	4	------
25	58.07	57.52	24.5	32.6	96	57	Calm	W 1	0	5	------
26	58.85	57.54	24.7	31.1	89	70	Calm	WNW 3	0	4	2
27	59.23	59.45	24.5	31	87	69	Calm	WNW 2	0	3	------
28	59.09	58.25	23.6	31.5	93	66	E 1	W 3	0	4	------
29	59.27	57.32	24.5	31.8	94	64	Calm	NW 2	0	2	------
30	58.02	57.21	24.8	31.9	93	55	E 1	WNW 2	0	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.04	55.35	24.6	29.6	92.3	73.5	1.2	3	5.2	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,380.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.43	57.35	24.5	32	92	64	Calm	NNW 2	0	3	------
2	58.47	56.44	24.9	32.7	94	61	E 1	NW 2	0	6	------
3	57.97	56.81	24.3	32.5	94	58	Calm	NNW 1	0	3	------
4	58.80	57.40	23.5	32.3	92	53	Calm	NE 1	0	3	------
5	59.10	56.99	24.9	33.3	94	58	Calm	NNE 1	0	4	------
6	59.85	56.85	23	31.5	91	51	Calm	WNW 2	0	3	------
7	58.59	57.61	23.5	31.7	96	56	Calm	NNW 2	0	4	------
8	58.91	57.24	23	30.7	91	69	Calm	NNW 1	0	3	------
9	57.54	55.26	24.5	32.5	96	60	Calm	NNW 1	0	3	------
10	56.57	54.96	25	33.5	92	57	Calm	E 1	0	5	------
11	55.97	53.95	24.5	33.5	91	54	NE 1	NE 2	10	6	5.8
12	54.18	53.44	25.7	27.6	89	73	NE 1	NE 2	10	10	------
13	52.14	50.04	25.5	26.6	88	86	N 1	N 2	10	10	44
14	51.01	50.74	23	27.8	95	79	NE 1	NE 2	10	10	17.8
15	53.76	54.04	24.1	28.7	96	76	E 1	NNW 2	10	7	5.6
16	57.76	57.29	24.5	28.8	87	63	Calm	NNW 2	9	7	------
17	59.35	57.27	19.5	29.3	99	53	Calm	NNW 1	0	1	------
18	59.73	58.35	21.1	29.5	97	61	Calm	W 1	8	6	------
19	60.03	59.28	22	28.5	93	67	Calm	W 2	4	9	------
20	60.07	59.37	24.1	30.1	96	71	Calm	NNW 2	6	2	------
21	60.29	58.23	23	31.6	97	61	Calm	NNW 2	0	1	------
22	59.80	57.30	23.1	31.5	92	59	Calm	NNW 3	0	1	------
23	59.71	58.03	24.3	31.6	92	61	ENE 2	E 3	0	1	------
24	60.07	59.17	19.5	-----	99	-----	Calm	NNE 2	0	2	------
25	61.20	59.57	-----	-----	-----	-----	Calm	NE 3	1	3	------
26	61.02	58.87	-----	-----	-----	-----	Calm	NNE 3	0	2	------
27	60.53	59.29	-----	-----	-----	-----	NNE 2	NNE 3	9	4	------
28	61.10	59.45	20.5	31.5	84	49	NNE 1	NNE 2	1	3	------
29	61.53	59.90	19.5	31.6	99	52	Calm	NNE 2	1	4	------
30	61.73	59.36	22.1	29.4	90	62	Calm	NNE 2	0	10	------
31	59.87	59.11	21.3	31	92	59	Calm	NNW 2	0	3	------
Mean	58.55	57.06	23.2	30.8	93.1	62	0.4	1.9	2.9	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	73.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.03	59.17	24	30.1	91	64	Calm	NNW 2	1	4	------
2	60.02	59.06	25.1	31.1	84	65	Calm	NW 3	1	5	22.4
3	60.13	58.50	23	32.6	97	54	Calm	NNW 2	2	1	------
4	60.97	58.66	24	31.7	95	59	Calm	N 2	0	2	------
5	60.04	59.14	23.4	32.6	95	54	Calm	NW 1	0	2	------
6	60.79	58.92	23.3	32	96	63	Calm	W 1	0	1	------
7	61.15	59.45	25	32.1	93	61	Calm	N 2	0	1	------
8	61.03	59.24	23.1	35.3	97	43	Calm	E 1	0	1	------
9	61.28	59.41	21.5	33	94	47	Calm	NNW 1	0	1	------
10	61.03	57.82	21.5	34.6	95	38	Calm	E 2	0	1	------
11	60.97	58	19.7	33.3	91	46	Calm	NNW 2	0	3	------
12	61.38	58.97	21.2	31.1	96	56	Calm	NNW 2	0	2	------
13	61.21	59.77	23.1	31.2	94	49	Calm	NNW 2	0	1	------
14	61.47	59.97	18.7	33	95	39	Calm	E 1	0	1	------
15	61.18	60.82	20.5	29.6	91	55	Calm	NNE 3	0	1	------
16	62.08	60.43	23.4	30.5	76	55	N 2	N 3	0	2	------
17	61.87	59.69	20.1	29.6	95	52	Calm	N 3	0	1	------
18	62.40	60.44	19	31.6	94	52	Calm	NNW 2	0	0	------
19	62.05	60.64	20.3	33.9	95	43	Calm	E 1	0	2	------
20	62.16	60.54	21.2	35.3	95	50	Calm	E 1	0	1	------
21	62.07	60.27	20.8	30.5	93	63	Calm	E 3	0	1	------
22	61.62	60.05	24.1	31.6	94	49	Calm	NE 3	0	1	------
23	62.09	61.11	19.5	33.5	95	40	Calm	E 2	0	1	------
24	62.72	61.57	19.3	32.1	95	38	Calm	E 3	0	0	------
25	63.24	60.75	18.9	30.7	87	50	Calm	NNE 2	0	2	------
26	61.01	58.91	21.5	31.7	85	45	Calm	E 2	0	1	------
27	59.07	57.16	21.2	33	93	51	Calm	E 2	0	4	------
28	58.93	58.02	24.1	31	91	63	Calm	E 1	9	10	.3
29	59.99	59.50	21.5	31.8	90	59	Calm	NNW 2	0	3	------
30	60.72	59.79	24.5	30.1	79	54	N 3	NNE 3	1	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.16	59.53	21.9	32	92	51.9	0.2	2	0.5	1.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	22.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.04	59.14	20.3	29.4	95	63	Calm	N 3	0	1	------
2	61	59.26	18	29.7	98	61	Calm	N 2	0	9	------
3	61.32	60.58	20.3	28.3	93	75	Calm	NNW 3	0	9	------
4	63.38	62.93	23	27.5	91	66	N 3	N 3	8	8	------
5	63.98	61.75	23.6	30.1	73	65	NNE 3	NNE 3	1	3	------
6	62.98	61.05	20.3	31	95	53	Calm	NE 2	1	3	------
7	62.91	61.40	23.5	29.2	84	59	NNE 1	NNE 3	1	4	------
8	61.22	59.07	21.9	33.5	95	52	Calm	NE 2	1	2	------
9	61.03	59.62	19.2	33.6	97	44	Calm	NE 3	0	3	------
10	61.39	59.36	19.1	34.3	99	48	Calm	NE 3	0	2	------
11	60.09	59.10	19.3	31.1	97	56	Calm	N 3	0	4	------
12	59.80	58.45	22	30.5	95	66	Calm	NNW 3	2	3	------
13	59.92	58.81	21.9	35.7	94	44	Calm	SE 1	1	4	------
14	59.50	58.32	21.9	33.6	95	44	Calm	E 3	2	3	------
15	59.85	58.39	19.3	31.5	97	56	Calm	NNW 2	0	3	------
16	60.01	59.03	23.6	30.9	73	74	Calm	NW 2	0	3	------
17	61.25	59.25	25.1	32.1	84	53	NNE 2	N 3	6	2	------
18	61.01	60	24.3	31.3	68	53	Calm	NE 3	2	3	------
19	62.01	60.04	20.5	34.4	91	42	Calm	E 2	2	3	------
20	62.52	60.35	19.6	31.1	94	54	Calm	N 3	0	2	------
21	61.01	60.11	22.5	30.2	90	68	Calm	N 2	0	3	------
22	60.98	58.71	21.5	29.6	95	70	Calm	NW 3	0	4	------
23	60.34	59.15	22	31.7	98	54	Calm	N 3	0	3	------
24	60.96	58.94	23.1	31.5	82	57	N 2	NNE 3	0	4	------
25	59.95	58.63	20.9	32.7	94	53	Calm	NNW 2	4	5	------
26	59.99	59.52	20.9	29	94	68	Calm	NW 3	1	8	2.3
27	61.08	60.59	20.5	23.5	97	90	Calm	N 4	10	10	5.8
28	61.03	59.36	18	31.4	100	60	Calm	N 3	0	3	------
29	62.01	60	17.1	32.1	99	53	Calm	NNW 2	0	3	------
30	63.90	62.85	19.6	30.6	94	52	Calm	NW 3	6	9	------
31	65.02	63.98	22.9	31.1	94	30	N 2	NNW 4	4	10	------
Mean	61.37	59.93	21.2	31	91.8	57.5	0.4	2.7	1.7	4.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	8.1

SANTO DOMINGO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, −1.49 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	65.14	63.93	21	21.5	95	95	NE 6	NNE 5	10	10	21.8
2	63.16	61.33	22	23.7	91	91	NE 4	ENE 3	10	10	16.7
3	62.65	61.05	21.2	22.4	96	93	E 4	NE 4	10	10	70.4
4	63.25	62.33	22	23.5	91	82	NE 3	NE 4	7	10	33.8
5	65.27	64.04	20	21.1	91	84	NE 6	NE 6	10	10	13
6	63.44	62.03	21.4	22.1	87	87	ENE 3	NE 2	9	10	5.6
7	62.21	61.08	21.8	23.7	93	85	ENE 1	ENE 2	10	10	7.2
8	61.43	59.70	23	27	94	84	ENE 1	E 2	10	8	2.8
9	60.76	60.13	22.6	24	93	88	NE 2	NE 3	10	10	------
10	62.23	60.15	22	25.6	86	79	ENE 1	E 3	5	3	4.3
11	62.81	61.44	21.5	24.1	87	82	E 2	E 3	2	8	------
12	62.34	61.37	21.4	25.2	85	80	ENE 1	E 3	6	8	------
13	62.68	61.31	21	23.8	91	85	NNE 1	NNE 2	10	10	8.1
14	61.95	60.94	22.1	27.6	88	78	E 1	ENE 2	8	6	------
15	61.96	60.84	22.8	27.3	90	79	E 2	NW 1	5	4	------
16	61.59	60.82	20.3	26.1	89	77	Calm	WSW 3	6	4	------
17	61.26	60.57	22	26.7	93	77	WSW 1	W 3	4	4	------
18	61.24	60.37	22.5	23.5	90	85	NNW 2	N 3	9	10	24.9
19	63.71	63.36	20	22.8	85	78	NNE 5	NNE 4	8	8	.3
20	63.76	62.81	22.4	25.5	91	81	ENE 3	ENE 3	10	8	2.8
21	61.45	61.03	23	26.4	90	82	SSE 3	SW 4	6	4	------
22	64.16	64	21.2	24.8	89	80	NE 3	NE 4	8	4	------
23	65.06	64.51	22.4	25	88	80	ENE 3	ENE 4	6	5	------
24	64.67	63.67	22.3	25.2	90	85	ENE 4	ENE 3	9	8	1
25	66.01	65.70	21	22.3	91	88	NNE 5	NNE 6	9	10	2.5
26	69.70	67.90	18.2	20.5	91	86	N 5	N 5	8	7	1.3
27	68.37	66.32	18.2	21.8	86	79	NE 5	NE 4	5	3	3.8
28	65.77	65.14	19.5	20.8	88	91	ENE 4	E 4	8	10	30
29	65.42	65.03	21.7	20.8	90	94	EbyN 2	NE 5	8	10	27.2
30	68.02	67.75	18.4	19.1	86	87	NNE 6	NNE 6	8	10	2.3
31	68.27	67.26	19	22	85	82	ENE 3	ENE 5	10	5	.8
Mean	63.86	62.84	21.2	23.7	89.7	84	3	3.6	7.9	7.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	280.6

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	67.91	67.24	21.1	22.1	84	86	E 3	E 4	6	8	2.6
2	66.71	65.61	21.6	25.6	86	82	ENE 4	E 4	8	4	------
3	65.03	63.82	20.6	24.6	89	83	NE 1	ENE 3	2	4	------
4	62.98	61.87	22.1	25.2	90	81	NE 2	E 2	4	8	------
5	62.38	61.43	20.4	28.1	96	76	E 1	E 2	0	3	.4
6	63.61	63.15	22.4	24.9	89	82	NE 4	NE 5	8	5	12.4
7	64.25	63.41	21.3	22.1	86	81	NE 5	NE 5	8	10	.4
8	63.41	62.18	21.6	23.6	89	83	NE 2	E 2	9	8	1.3
9	62.85	61.93	22	22.4	90	93	E 3	E 3	10	10	16.2
10	62.26	62.31	21.8	22.3	93	92	NE 4	NE 3	8	5	13.5
11	65.46	65.91	19	20.6	88	80	NNE 6	NE 6	8	7	.6
12	67.14	65.24	19	22.6	84	79	ENE 3	ENE 3	7	6	------
13	65.06	63.53	20.5	25.6	88	82	E 1	E 2	2	4	------
14	63.88	62.77	22.4	27.2	95	80	ESE 3	SE 4	5	4	------
15	63.85	63.75	23.4	26.7	90	85	SSW 1	W 3	7	4	------
16	65.47	64.48	21.8	24.3	87	84	NNE 4	NNE 3	5	4	------
17	65.11	63.06	20	26.6	92	81	ENE 1	E 3	6	4	------
18	62.94	60.77	22.7	27.6	89	80	E 3	SE 4	7	4	------
19	62.35	60.42	23	28	90	83	SE 3	S 1	5	6	.1
20	61.27	60.22	22.4	28.6	81	78	ESE 1	ESE 2	5	7	------
21	61	60.62	23	29.1	90	81	SE 1	SE 3	7	5	------
22	59.94	59.15	24	29.3	90	81	SSE 4	SSE 4	7	5	------
23	58.77	58.06	23	24.5	91	87	S 1	NNE 3	5	9	55.1
24	61.14	61.23	20.2	21.5	89	88	NNE 6	NNE 5	10	10	54.1
25	62.03	60.94	22.2	24.7	86	81	ENE 2	NE 3	7	8	.2
26	61.41	60.54	21.5	23.7	87	77	NE 3	NNE 4	8	8	------
27	62.47	61.43	20.2	21.7	82	78	NE 4	NE 4	5	5	1.8
28	61.99	61.67	20.8	24.2	83	82	NE 3	NE 4	5	4	------
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	63.31	62.38	21.6	24.9	88.4	82.4	2.8	3.4	6.2	6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	158.7

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	63.66	63.13	21.4	25	87	80	NNE 2	N 3	3	4	1
2	64.60	63.53	21.4	24.7	88	79	NNE 5	NE 4	7	4	26.4
3	63.68	62.31	22.8	25	89	82	E 3	E 3	8	6	53.2
4	63.96	62.09	21	21.6	93	91	NE 3	NE 4	8	10	34.4
5	63.37	62.25	20.4	22.1	94	88	NE 4	ENE 1	10	10	17.7
6	62.79	61.06	20.1	24.6	96	82	E 1	E 3	10	10	56.7
7	59.81	58.42	21.9	25.1	88	89	E 3	ESE 3	10	10	56.9
8	58.61	57.43	22	24	88	90	NNE 3	NNE 3	10	10	48.1
9	59.06	57.93	22.4	24.6	88	92	NEbyN 3	NEbyN 4	10	7	24.1
10	60.54	58.84	22	24.6	93	88	NE 3	NE 4	10	10	11.7
11	61.29	59.09	22.2	24.6	89	82	E 2	E 3	10	10	5.3
12	61.35	58.59	21.9	25	90	82	N 2	N 3	7	7	.8
13	59.84	57.93	22	26.2	91	82	NE 1	NNE 2	7	4	1.5
14	61.04	60.04	21.7	24.6	90	71	N 4	NNE 4	8	6	------
15	61.73	60.58	22	27.5	88	73	ENE 1	ESE 3	8	4	------
16	59.51	58.23	24.8	29.5	93	76	SSE 4	SSE 4	7	1	------
17	60.44	58.06	23.2	29.7	90	79	E 1	ESE 3	3	2	------
18	59.21	58.01	24.8	29.1	93	77	SSE 4	S 3	5	4	------
19	59.17	58.27	24.5	30	87	69	S 3	S 3	7	3	------
20	59.09	58.21	25	30.7	90	70	SE 3	SSE 3	4	2	------
21	58.34	57.07	24.6	29	90	72	SW 2	SW 3	4	3	------
22	59.19	58.27	24	25.6	85	74	NNE 3	NNE 4	8	7	------
23	58.57	57.80	23	25	92	92	SE 1	NNE 3	0	8	3.6
24	59.99	59.33	24	26.6	92	87	NE 3	ENE 3	5	4	5.3
25	63.17	62.47	20	20.2	87	88	NNE 5	NNE 5	10	10	10
26	63.64	62.53	20.8	21.4	84	85	ENE 4	ENE 4	10	10	18
27	62.70	61.40	21.4	22.7	84	85	ENE 2	ENE 2	10	10	.8
28	62.42	61.09	22.6	26.8	93	87	Variable 1	NNW 3	5	3	------
29	62.30	61.21	23.4	26.6	95	78	NNE 2	N 2	8	7	------
30	62.27	61.55	22.1	28.2	92	77	Calm	E 2	0	5	------
31	61.46	60.27	24.5	29.7	92	79	ESE 3	SE 4	6	5	------
Mean	61.19	59.90	22.5	25.8	90	81.5	2.6	3.2	7	6.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	370.5

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.41	59.28	26.7	30.6	80	73	SSE 3	SSE 3	4	3	------
2	59.26	58.39	23	29.2	88	79	Calm	SW 2	3	2	------
3	59.41	58.66	24	29.1	83	76	SW 1	SW 2	4	4	59.7
4	60.57	59.47	23.2	27.9	90	79	NE 1	E 2	8	5	------
5	60.17	58.35	24.6	29.1	85	80	SE 2	SE 3	1	3	------
6	58.48	57.33	25	28.6	83	77	S 2	SW 3	5	6	------
7	58.52	57.78	23.3	28.4	89	80	Calm	W 3	4	3	------
8	59.01	58.65	22.7	29.4	92	75	Calm	SSW 1	1	2	------
9	60.07	59.53	22.6	30.4	92	72	Calm	E 2	1	4	------
10	60.05	59	24.2	29.6	90	81	SEbyE 2	SE 3	6	5	------
11	59.50	59.15	25	30.2	88	77	SE 2	SE 3	1	3	------
12	59.68	59.44	25.2	29.8	88	79	SE 3	SE 4	4	8	------
13	60.75	60.15	25.1	30	91	77	ESE 2	ESE 3	7	6	48.3
14	60.50	58.50	25.2	30.1	95	80	SE 4	WNW 2	7	8	------
15	58.62	57.23	25.5	29	93	86	SW 1	WSW 2	7	7	------
16	58.39	57.15	24.3	28.5	89	78	N 1	N 2	7	6	------
17	59.01	58.76	24.6	27.4	90	81	NNE 3	NNE 4	7	7	.4
18	60.53	60.83	23.8	26.1	89	80	NE 4	NE 4	8	8	------
19	60.56	60.06	24.2	28	88	77	NE 3	ENE 2	4	7	------
20	60.32	59.91	24.6	28.5	89	80	SSE 1	SE 1	5	5	15.7
21	59.83	59.10	25.4	30.6	90	80	SE 3	SE 4	6	2	------
22	59.23	59.48	26.1	31	89	79	SSE 4	SSE 4	3	2	------
23	59.27	58.70	26.1	30.2	91	80	SE 4	SE 4	2	4	------
24	59.18	58.08	25.7	30.4	92	78	SE 3	SE 4	6	4	------
25	59.23	58.40	26.1	31	89	72	SE 4	SE 4	3	4	------
26	59.61	59.38	26.3	31	88	73	SE 4	SE 4	4	3	------
27	60.35	59.59	26.1	30.4	88	76	ESE 3	E 4	5	3	1
28	60.02	59.40	25.9	30.2	89	77	E 3	E 4	4	4	------
29	60.20	58.90	25.7	30.1	91	76	E 2	E 3	3	4	------
30	58.60	57.58	25.8	30.7	90	74	ESE 2	SE 4	5	4	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.64	58.87	24.9	29.5	89	77.7	2.2	3	4.5	4.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	125.1

SANTO DOMINGO.

[$\phi=20°\ 28'$ N; $\lambda=121°\ 59'$ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.10	58.24	26	31.1	82	72	SE 3	SE 4	4	3	------	59.45	58.85	27.7	32.5	84	69	ESE 3	ESE 3	4	4	------
2	58.62	59	25.7	31	84	73	E 3	E 4	8	4	2.8	58.60	58.03	27.8	32.5	86	69	ESE 4	SE 4	5	4	------
3	60.40	60.25	25.1	28.8	83	73	NE 3	NE 4	4	5	4.3	57.33	56.65	27.9	31.8	85	74	SE 4	WSW 3	4	8	------
4	60.68	59.87	24.2	29.4	82	72	NE 3	ENE 2	8	5	14.9	56.42	55.99	25.8	31.2	88	75	Calm	WSW 3	3	5	------
5	59.17	58.04	24.8	30.6	87	72	E 1	E 3	8	4	.3	55.77	54.85	27	31.5	85	73	WSW 1	WSW 3	1	3	25.9
6	58.27	58.20	25.4	31	90	73	E 2	E 3	3	3	------	56.22	57.43	26.6	30	87	78	NNW 1	NE 2	9	5	15.5
7	57.70	56.78	26	30	90	71	ESE 3	ESE 2	6	7	15.7	57.62	57.55	24.2	28.7	93	80	Calm	SE 2	3	9	3.3
8	56.32	55.16	26.4	30.6	87	72	SE 3	SEbyE 5	7	9	------	57.75	57.39	27.2	30.9	89	72	SE 3	SEbyS 4	6	8	------
9	54.33	53.65	26	29.5	92	80	SEbyE 4	SE 5	8	9	13	58.15	56.89	27	31.2	86	73	SSE 1	SSE 2	6	6	------
10	53.54	53.90	24.6	28.6	93	76	N 2	NNE 4	10	8	------	57.84	57.67	27.3	28	86	82	SSE 2	WSW 3	8	9	------
11	56.62	56.69	25.2	30.6	90	73	SW 1	W 2	3	8	10.7	57.62	56.97	26.1	31.8	89	73	SSE 1	S 2	4	7	3
12	58.37	57.41	25.4	30.1	88	77	WSW 1	SW 3	7	5	------	57.70	57.10	27	31.6	84	70	SSE 3	S 4	3	7	------
13	57.10	56.56	26.7	29.6	82	78	SW 5	SW 5	6	7	.2	57.79	57.03	27.3	31.5	85	73	S 3	S 3	5	6	------
14	56.47	55.80	27	28.8	86	78	WSW 4	WSW 5	6	8	1.1	57.35	56.98	27.5	31.7	85	74	SSE 2	SSE 3	7	8	------
15	56.03	56.18	27	29.1	87	80	SW 4	SSW 4	5	6	45.7	57	56.52	27.7	31.2	85	75	SSE 2	SSW 3	7	8	------
16	57.17	57.26	26.6	26	89	90	W 3	WSW 3	10	10	51.3	56.75	55.87	26.5	31.3	95	71	SSW 1	SW 3	4	3	------
17	60.02	59.85	23.7	26	85	78	NE 1	ENE 1	10	9	1.3	57.30	56.88	27.4	31.8	83	74	S 1	WSW 3	3	3	------
18	59.41	58.78	26	29.8	87	74	ESE 2	SSE 2	9	7	.8	58.40	57.71	27.6	31.7	86	70	SEbyS 1	SSE 2	3	3	------
19	59.10	58.03	26.5	30	90	75	SSE 2	SSW 3	10	7	------	59.39	58.74	27.2	30.4	87	76	S 1	SW 4	5	5	------
20	58.58	58.42	25	29.7	93	76	Calm	SW 3	4	7	------	59	58.47	26.6	30.4	87	73	SW 3	WSW 4	8	8	1.8
21	58.35	58.71	24.5	30.6	89	76	Calm	W 2	1	5	------	58.70	57.78	27.1	30.6	87	76	WSW 5	WSW 5	6	6	------
22	59.17	58.49	26.4	29.8	86	74	NNE 2	ENE 3	4	6	------	56.69	56.51	27.8	30.8	85	78	WSW 5	WSW 5	7	6	.2
23	58.57	57.73	26.4	31.2	82	70	E 2	E 3	6	5	------	58.04	57.05	27.7	30.6	84	80	WSW 3	WSW 5	2	4	1.3
24	57.09	56.70	27	31.7	84	74	ESE 4	ESE 4	5	4	------	58.33	58.42	27.6	30.2	81	75	WSW 4	WSW 4	3	4	.3
25	57.44	57.87	25.6	30.7	90	75	Calm	W 4	1	3	------	59.36	59.48	27	31.7	84	68	E 1	SSE 2	7	5	1.3
26	58.65	58.10	25	30.7	90	69	Calm	W 2	7	1	------	59.54	58.98	25.6	31.6	91	67	Calm	SE 2	7	8	------
27	59.15	58.58	25.1	31	89	77	Calm	ESE 2	6	5	------	58.15	58.22	27.6	32.5	79	68	ESE 2	ESE 3	4	4	------
28	58.37	56.74	26.2	31.7	85	74	ESE 1	ESE 3	7	5	------	58.91	58.71	27.8	31.9	86	70	SE 3	SSE 3	7	8	5.6
29	57.24	57.47	27	32.1	89	73	SSE 3	SE 4	2	3	------	59.15	58.50	27.5	30	82	75	SE 8	SSE 3	4	4	.8
30	59.35	58.48	27.2	32	86	71	SE 2	SE 4	2	4	------	58.17	57.53	25.4	30.1	88	73	SSE 2	SSE 3	10	7	------
31	60.35	59.30	27.4	31.8	87	76	SE 3	SE 4	5	4	------	------	------	------	------	------	------	------	------	------	------	------
Mean	58.09	57.62	25.8	30.1	87.2	74.9	2.2	3.3	5.9	5.7	------	57.95	57.49	27	31.1	86.1	73.5	2.2	3.2	5.2	5.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	162.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	59

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.96	56.90	26	30.6	88	68	SSE 1	SSW 3	5	8	12.7	54.97	54.26	27.2	30.6	90	78	SW 1	SW 3	7	5	0.5
2	58.37	58.19	25.5	32	91	72	Calm	SE 2	7	3	6.4	55.12	54.58	27	30.6	90	78	WSW 3	WSW 4	8	7	------
3	59.18	58.13	25.6	31.7	93	70	SSE 1	SE 2	8	5	.2	55.30	55.22	27.2	28.8	86	85	WSW 4	W 4	8	7	.1
4	59.11	58.16	25.5	31.4	94	72	Calm	SW 1	3	5	------	54.82	54.10	27.1	30.6	85	79	WNW 3	WNW 3	7	4	1.4
5	58.55	58.10	26.4	32.7	90	67	SSW 1	SSW 2	3	4	------	53.80	54.05	25.5	30.7	94	78	Calm	WNW 3	4	6	------
6	57.99	57.53	27	32.8	90	67	ESE 2	ESE 3	4	4	------	53.92	53.78	25	31.1	94	74	Calm	W 2	4	5	1
7	57.38	56.58	27.8	32.9	86	73	ESE 2	SE 3	5	5	------	53.95	54.05	25.4	30	93	76	Calm	SSW 3	3	7	1
8	56.60	56.03	28.1	31.4	88	81	SSE 2	SSE 2	5	6	------	55.06	54.75	26.4	29.7	89	84	SSW 1	SW 4	10	8	11.7
9	56.06	55.67	28.3	32.1	88	78	WNW 3	WNW 3	8	7	2.2	54.71	55.28	27.2	26.7	89	90	SW 5	WSW 5	8	10	11.9
10	56.19	55.44	28.5	31.7	88	73	W 3	W 4	5	6	------	55.52	55.09	27.2	27.1	90	94	W 4	W 3	8	10	26.1
11	56.37	56.13	27	30.3	87	75	W 2	W 3	9	8	------	54.60	54.65	26.5	27.6	90	84	W 3	W 4	10	10	2.6
12	57.45	57.31	26.6	31.6	90	75	Calm	SE 2	8	4	9.7	54.76	54.55	26	28.6	92	81	SW 1	W 1	7	5	5.5
13	58.29	57.59	27.4	32	86	69	E 1	ESE 3	5	7	------	55.58	55.65	24.5	29.7	96	79	Calm	SSW 3	4	4	------
14	56.51	55.48	25.5	31.4	92	68	Calm	E 3	3	5	------	55.83	55.29	25.8	30	90	77	W 1	WNW 2	4	5	1.2
15	54.17	52.92	26.9	33	90	64	E 1	EbyN 3	7	4	9.1	54.50	52.04	27	28.2	88	95	N 2	N 3	7	10	48.2
16	53.02	51.47	27.7	31.2	85	73	EbyN 1	NE 2	6	8	6.4	42.42	46.56	26	27.9	87	82	ENE 7	ESE 6	10	10	13.9
17	50.05	49.80	27.2	30.6	84	76	N 4	WNW 5	10	10	43.9	57.03	59.39	27	30.6	90	77	SE 5	SE 5	10	5	1.3
18	49.83	49.26	27.7	29.2	85	72	WbyS 4	WSW 6	10	10	9.8	60.10	59.58	27	31.8	83	71	E 2	E 3	2	3	1.3
19	49.93	49.70	27.2	28.7	82	84	SW 5	SW 6	10	10	12.3	57.82	56.53	27.1	31	84	72	NE 1	NE 3	4	6	------
20	51.40	51.60	27.8	28.1	86	84	WSW 6	SSW 6	8	10	4.3	56.46	56.13	26	31.7	89	72	Calm	E 2	5	4	------
21	52.88	52.55	26.8	29.4	86	82	SSW 5	swbys 5	10	9	.5	55.60	55.63	25.3	30.7	89	71	Calm	ESE 2	3	5	------
22	52.81	52.38	27.7	30.2	87	80	SW 4	SSW 4	7	4	------	55.27	54.70	25	30.4	93	78	Calm	W 3	3	3	------
23	52.36	51.83	27.1	31.1	87	74	Calm	NE 2	3	7	1.5	54.69	54.18	26.8	31.2	90	77	WSW 1	WSW 2	5	4	------
24	51.77	51.24	28	31.5	85	75	ENE 3	SE 3	9	8	1	55.65	55.08	26.8	31.2	93	77	WNW 1	WSW 3	6	3	.8
25	52.50	53.57	25.8	32.1	93	71	Calm	W 1	4	5	11.7	56.58	56.48	25	31.1	92	74	Calm	WSW 2	3	3	------
26	54.60	54.66	27.6	32.1	79	72	Calm	WSW 2	6	3	8.5	56.37	55.22	26.8	30.6	87	70	WNW 1	WNW 3	5	3	------
27	55.67	55.02	27.5	31.2	82	71	SW 1	WSW 4	4	6	4.1	54	53.52	24.5	29.6	91	70	Calm	NE 1	1	5	------
28	53.52	50.76	27	30.1	88	76	NNW 3	N 5	9	9	34.1	54.27	53.74	25.8	32.2	90	69	NNE 1	E 2	6	5	------
29	45.72	45.52	26.7	28.9	86	81	ENE 6	ESE 6	10	9	18.2	55.87	55.84	27.4	32.1	89	71	E 2	EbyS 3	4	5	------
30	45.80	49.45	28	27.7	85	78	SSE 6	S 6	10	10	10	56.84	56.73	27.6	32.3	84	69	ESE 3	SE 3	4	5	------
31	53.26	54	27.2	30.1	87	79	SSW 1	SW 4	7	7	------	57.24	57.02	24.6	30.6	93	72	Calm	E 2	6	7	------
Mean	54.33	53.97	27.1	31	87.4	74.2	2.2	3.4	6.7	6.6	------	55.12	54.96	26.2	30.2	89.7	77.5	1.7	3	5.7	5.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	206.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	128.5

SANTO DOMINGO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.93	55.55	24.4	26	93	81	Calm	N 2	5	10	17.8	58.53	58.23	24.6	29.2	94	72	N 1	NNE 2	8	5	16.3
2	54.22	52.81	27.1	29.6	84	75	NE 3	NNE 4	9	8	27.9	58.44	57.48	25.4	29.3	90	72	NE 2	NE 2	5	4	3.8
3	49.51	46.41	26.7	29	83	82	N 4	N 5	10	10	52	58.48	58.28	24.6	28.7	87	73	NE 1	NE 3	2	4	10.9
4	42.95	44.39	27	28.1	92	84	ESE 5	ESE 6	10	10	11.3	59.50	59.49	25.8	28.1	84	70	NE 4	NE 4	3	3	------
5	52.18	53.27	26.2	30	91	78	ESE 2	S 3	6	4	------	60.02	59.20	25.5	27.7	84	72	NE 2	NE 3	3	7	------
6	55.02	55.54	27.2	30.8	83	72	SSW 2	SSW 3	9	7	------	58.72	57.84	24.4	29	83	67	Calm	NE 3	2	4	------
7	56.22	55.16	27.2	29.7	86	80	SSW 3	SW 4	7	6	------	59.08	58.73	25.8	29.4	81	68	NE 2	NE 3	6	5	14.5
8	55.06	53.70	27	29.1	87	86	W 4	W 4	8	9	.3	59.12	58.78	25	29.6	80	61	NE 1	NE 3	6	5	11.4
9	53.29	51.76	27.5	28.1	88	91	W 4	WNW 4	10	10	53.1	58.47	57.83	26.4	29.2	73	74	NE 2	NE 4	7	7	10.4
10	49.80	48.04	25.7	24.5	89	94	WNW 3	WNW 3	10	10	60.3	58.04	57.55	26	29	85	76	NNE 4	NNE 4	8	7	31.5
11	50.22	51.22	26.4	30.7	89	75	SE 3	SE 2	6	7	1.8	57.56	56.69	26.6	26.7	82	83	NNE 4	NNE 3	8	10	33.4
12	55.08	56.60	26.8	26.8	89	86	SE 3	SSE 1	9	10	38.9	55.97	55.75	26	27.4	85	82	NE 4	NNE 4	10	10	53.8
13	58.55	58.54	26.2	30.2	93	79	ENE 1	S 2	4	6	2.3	55.67	53.63	25.4	27.8	88	73	NE 4	NE 5	10	10	6.4
14	59.06	57.93	26.4	30.6	89	74	W 2	NNW 3	4	7	14.6	52.16	50.79	26	27.7	84	74	NE 4	NE 5	10	10	------
15	57.20	55.05	26.8	28.8	89	83	N 4	N 4	9	10	35	52.31	52.87	26	27.3	82	76	N 5	NE 4	8	4	------
16	50.32	49.26	27.4?	27.6	78?	84	EbyN 6	EbyS 6	9	10	6.3	57.26	57.59	24.1	26.5	64	68	NE 4	NE 5	6	8	------
17	54.40	55.27	27.1	29.2	89	83	SE 5	SSE 5	8	8	------	60.43	59.35	24	26.9	67	67	NE 8	NE 4	5	4	3
18	57.02	57.59	25.2	29.6	92	82	ESE 3	SE 2	7	9	------	60.79	60.16	23.8	26.2	77	75	NE 1	NEbyE 3	8	8	------
19	59.51	59.23	26.4	30.6	89	76	SE 2	ESE 2	6	4	------	61.41	60.57	22.6	29	77	63	Calm	ENE 2	4	4	------
20	58.96	58.55	24.8	31.2	92	71	Calm	E 3	0	4	------	61.51	60.97	24	29.6	85	66	ENE 1	ENE 2	6	5	------
21	58.31	56.82	26	29.3	92	80	ENE 1	ENE 1	3	5	------	61.49	60.60	24.8	27	88	75	NE 1	NE 3	8	8	19.1
22	58.45	57.50	25.7	30	88	77	ENE 2	SSE 2	4	6	------	61.06	60.11	24.5	27.3	82	73	N 5	NNE 5	8	7	------
23	59.75	59.17	24.8	29.9	90	75	Calm	NW 1	0	3	------	61.82	61.07	24.2	26.2	78	72	NNE 6	NNE 6	5	5	------
24	60.27	59.97	24	26.7	91	82	Calm	E 1	3	10	8.4	62.18	61.94	24	25.9	75	69	NNE 5	NNE 5	3	8	3.8
25	60.36	59.44	24.6	29.8	91	65	ENE 3	E 3	4	4	9.1	62.45	61.95	24.4	26.6	71	71	NE 4	NE 4	4	5	------
26	59.79	59.29	25.4	30	88	74	E 2	E 3	5	6	15	62.15	61.86	24.6	25.8	75	72	NNE 4	NNE 5	6	8	------
27	60.12	59.64	24.8	30.6	93	72	E 1	E 2	4	5	12.6	61.92	61.84	23.7	26.2	76	70	NNE 5	NNE 5	4	4	------
28	60.07	59.37	25	31.4	92	70	E 1	E 3	5	5	------	64.16	63.79	23.8	25	76	67	NNE 4	NE 5	3	9	1.6
29	59.57	58.09	25.4	30	87	74	NE 1	NE 3	3	4	14	64.19	63.92	23.8	25.4	80	74	NE 4	NE 4	7	7	6.8
30	58.50	57.88	26	29.3	90	74	NE 3	NE 3	5	6	16.9	64.26	63.90	23.8	24.5	78	80	NE 5	NE 5	10	10	15
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	63.75	63.33	23.6	26	85	81	ENE 4	E 3	5	3	27.1
Mean	55.99	55.43	26	29.2	88.9	78.6	2.4	3	6.1	7.1	------	59.77	59.23	24.7	27.4	80.5	72.1	3.1	3.8	6.1	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	497.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	268.8

Day.	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	62.46	61.60	24.2	27.1	81	76	E 3	E 4	10	9	28.4	62.18	60.77	22.7	25.1	82	76	NNE 5	NNE 5	10	7	16.5
2	62.24	61.57	25	28	82	81	EbyS 2	EbyS 3	7	4	20.3	61.79	60.78	23	25.2	81	72	NE 4	NE 4	10	7	42.7
3	62.32	61.29	23.6	28.7	88	76	E 1	E 3	8	6	9.4	62.80	62.84	22.1	22.7	85	87	NNE 5	NNE 5	10	10	46.8
4	62.26	61.79	24.8	26	85	85	E 3	ESE 4	10	8	60.6	65.15	65.40	21.3	22.1	78	73	N 5	NNE 6	10	10	3.2
5	62.45	61.76	22.9	28.7	90	74	Calm	E 2	3	4	------	66.96	66.27	20.8	21.6	66	65	NEbyN 5	NE 5	10	10	36.8
6	62.31	61.60	24	29	86	74	E 2	E 3	4	5	------	66.69	64.98	20.3	21.8	76	70	NEbyN 5	NE 4	8	10	9
7	62.71	61.92	24.7	29.6	84	81	EbyN 3	ENE 3	4	5	------	65.37	64.53	21.6	22.6	74	69	NE 3	NE 5	8	10	------
8	63.35	62.54	24.5	29.1	84	74	E 2	E 3	7	5	1	65.15	63.70	21.6	22.9	70	74	NNE 5	ENE 3	10	10	18.2
9	63	62.38	24.6	28.8	82	71	E 2	E 3	3	4	------	64.35	63.16	22.8	26.2	75	70	ENE 3	E 3	8	5	------
10	63.06	61.80	25.1	25.8	81	82	NE 3	NE 4	5	8	8.9	64.60	63.21	22.7	25.2	76	74	E 2	NE 4	3	4	------
11	62.61	61.83	24.3	26.2	78	73	NE 4	NE 4	9	9	.5	62.77	61.63	23.3	27	84	72	EbyS 4	E 3	6	4	.3
12	62.81	62.06	24.4	28.1	74	67	ENE 1	ENE 3	1	4	------	61.43	60.50	24.4	28.6	87	72	ESE 2	ESE 3	6	5	.8
13	63.10	62.50	24.2	28.2	82	69	ENE 2	ENE 2	8	4	------	62.07	61.38	24.4	27.7	82	76	E 2	ENE 3	4	7	53.1
14	63.47	63.23	24	22	90	82	NE 3	NNE 5	4	10	41.1	62.93	62.17	22.5	25.8	91	75	NNE 5	NE 3	10	10	8.5
15	63.57	63.24	22.5	23.8	79	75	N 5	N 5	10	10	6.8	61.64	60.41	23.7	27.1	87	73	E 3	E 3	6	5	2
16	64.50	63.60	22.8	23.7	89	73	NNE 5	ENE 5	10	10	.2	61.80	61.45	23	24.5	88	87	ENE 3	NNE 4	8	10	46.7
17	62.60	61.73	22.9	26.1	83	76	NNE 3	NNE 3	4	3	.3	64.98	64.41	20.7	21	79	77	N 6	N 6	10	9	3.6
18	63.12	62.25	22	25.8	81	70	Calm	NNE 3	2	10	2.3	65.50	65.35	20	21.2	76	72	NNE 4	NNE 5	10	8	2.6
19	64.79	63.77	23.5	25	77	76	NE 4	NE 4	8	8	------	65.66	65.02	20.1	22.1	77	73	ENE 2	ENE 2	8	10	4.8
20	64.67	63.89	23.7	25.6	77	75	NE 4	NE 4	7	8	1.1	65.18	63.40	21.4	25.9	87	72	E 3	E 3	8	4	------
21	63.97	63	24.3	25.9	86	83	NNE 4	NNE 5	8	8	------	62.57	62.02	22.6	27.3	91	76	ESE 3	SSE 3	7	7	.7
22	64.67	63.80	23.7	24.9	84	76	NNE 5	NNE 5	8	6	------	60.79	59.11	23.8	26.2	85	76	NW 1	N 3	7	5	7.6
23	65.27	64.46	23.5	26.3	85	71	NE 4	NE 3	8	2	------	61.88	61.87	22	22.6	86	84	NNE 4	NNE 5	10	8	13.4
24	65.79	64.92	24	24.8	79	77	NE 4	NE 4	7	7	7.9	64.17	62.65	21.5	22.6	81	76	NNE 5	NNE 5	9	9	25.9
25	65.31	64.59	23	23.4	68	72	NE 4	NE 3	8	10	3	63.03	61.69	21.8	25.1	86	78	NE 4	NE 4	10	8	3.1
26	63.60	62.02	23.1	25.1	71	73	ENE 2	ENE 3	6	5	7.1	60.70	59.12	23	24.4	91	88	E 3	W 3	6	10	11.1
27	60.87	59.75	24	26.2	82	82	ENE 3	E 2	9	10	13.2	60.85	61.79	21.7	23.1	80	89	NE 4	NNE 4	8	10	27.9
28	61.36	60.95	24	26.7	83	77	ENE 2	ENE 2	10	10	18.3	63.79	63.54	19	20.6	81	75	NE 5	NE 5	10	10	19.7
29	60.72	60.74	23	23	90	83	E 1	NNE 4	10	10	43.7	65.46	64.16	21	23.1	85	72	NE 5	E 4	10	10	6.2
30	61.74	60.56	23.2	25.6	81	73	N 6	N 6	7	6	5.9	66.35	66.57	22.2	20	77	89	E 3	NNE 5	4	10	21.6
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	69.73	68.95	17.8	18.7	76	71	NE 6	NE 6	10	10	6.4
Mean	63.16	62.37	23.8	26.2	82.1	75.9	2.9	3.6	6.8	6.9	------	63.82	62.99	21.9	23.9	81.3	75.9	3.8	4.1	8.2	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	280	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	439.2

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1913.

SURIGAO.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
												Number of winds from six daily observations.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.[a]	Average hourly velocity.[a]
	mm.	°C.	°C.		°C.		P.ct.	mm.	mm.		0–10										Km.	Km.	Km.
January	760.26	25.1	32.1	20	18.7	17	[b]85.4	[b]362.3	104.9	27	[b]5.9	[c]15	68	51	1	0	0	0	0	43	8,299	267.7	11.2
February	60.25	25.6	32.6	11	18.5	11	82.7	363.6	66.5	19	6.6	1	82	46	0	0	0	0	0	39	--------	298.4	12.4
March	59.10	25.9	33.4	14	20	5	84.5	161.4	28.2	16	5.9	3	96	43	0	0	0	0	0	44	--------	--------	--------
April[d]	58.63	26.1	31.5?	16	-----	-------	86.6	451.6	------	-----	7.1	4	42	40	2	0	0	0	9	59	--------	209.4	8.7
May[e]	58.60	27.3	-----	---------	-----	-------	79.3	144.9	------	-----	5.2	[f]1	17	43	0	0	0	0	0	62	--------	178.1	7.4
June[g]	58.55	26.9	-----	---------	-----	-------	81.1	131.9	66.3?	2?	5	0	6	65	1	0	2	2	6	80	--------	164.8	6.9
July	57.18	27.7	36	30	22.7	6	75.1	184.7	46.4	14	7.2	0	4	8	0	8	77	36	4	49	7,980.7	257.4	10.7
August	57.38	28	34.4	11	23.5	18	73.9	73.6	31.8	20	7.8	1	2	1	1	7	127	21	4	22	9,809.2	316.4	13.2
September	58.09	27.4	35.5	4	22.8	19	79.5	128.1	37.6	18	6.1	0	6	3	0	6	56	30	13	66	--------	212.4	8.8
October	58.40	27	33.9	14	22.8	29	80.8	200	53.8	20	7.3	1	1	6	2	4	66	38	7	61	--------	218.8	9.1
November	59.66	26	31.7	19	21.2	14	86.5	282.8	93.6	8	6.1	4	33	17	2	3	6	6	25	84	5,192.4	173.1	7.2
December	59.84	25.8	31.9	26	22.1	2	87.8	777.7	101.6	7	7.3	5	47	39	2	4	12	3	5	69	--------	219.8	9.2
Year	758.83	26.6	-----	---------	18.5	-------	81.9	------	------	-----	6.5	35	404	362	11	32	346	136	73	678	--------	228.8?	9.5?

CEBU.

January	760.51	26.5	31.5	17	22	29	74.2	67.8	17.3	29	4.8	104	71	0	0	2	0	0	0	9	10,815.7	348.9	14.5
February[h]	60.87	26	-----	---------	22.4	1	75.3	49.3	------	-----	4.5	70	55	2	0	0	0	1	0	4	--------	395.3	16.5
March[i]	59.10	27.1	31.1	12, 14	23	8, 27	70.5	3.7	2.1	8	2.6	89	56	4	0	1	0	0	6	12	--------	376.1	15.7
April	58.72	27.6	32.1	30	24	5, 9	72.4	13.7	2.8	15	4.5	78	75	6	2	6	0	0	3	10	10,323.1	344.1	14.3
May	58.19	28.3	33.5	16	23.9	6	73.6	83.6	26.4	18	4.6	40	53	13	0	20	19	7	6	28	9,532.8	307.5	12.8
June	58.72	28.3	33	30	22.5	16	75.2	235.5	64.5	30	4.7	25	41	13	7	21	6	7	15	45	7,375.6	345.9	10.2
July	57.25	27.6	32.9	12	23.6	9	76.2	142.2	30.2	9	6.3	6	8	4	0	25	100	12	9	22	--------	534.5	22.3
August	57.58	27.7	33	14	22.5	19, 30	73	83.2	26.4	18	6.1	2	1	1	0	32	119	16	1	14	16,349.7	527.4	22
September	58.15	27.6	32.9	28	23.4	3	75.7	47.3	12.2	21	5	6	8	2	4	26	75	8	10	41	11,609.4	387	16.1
October	58.57	26.9	32	1, 9, 28	22.2	4	77.9	318.1	79.7	9	5.8	23	18	1	2	22	50	9	13	48	11,606.2	374.4	15.6
November	59.77	27.1	32.1	29	22.8	16	74.3	28.3	12	8	[j]4.6	[k]74	57	4	3	4	4	1	10	19	--------	319.4	13.3
December	59.94	26.7	32	23	22.4	4	77.6	88.7	22.6	4	4.9	75	79	1	0	7	4	0	3	17	10,666.4	344.1	14.3
Year	758.95	27.3	33.5	---------	22	-------	74.7	1,161.4?	79.7	-----	4.9	592	522	51	18	166	377	61	76	269	--------	375.4	15.6

ILOILO.

January	760.22	26.2	30.4	17, 22	22.3	13, 16	74.9	40.9	18.8	10	4.5	89	92	3	0	0	0	0	1	1	13,855.7	447	18.6
February	60.12	26.2	31.9	21	21.5	18	72.8	15.3	14.5	28	4.6	84	84	0	0	0	0	0	0	0	13,999.5	500	20.8
March	58.68	26.9	33	9	21.2	22	71.1	23.9	17	1	4.4	82	96	6	0	1	0	0	0	1	--------	456.1	19
April	58.32	27.3	33	7	22.3	6	73.1	89.6	39.7	12	5.7	71	81	8	2	0	3	2	2	11	11,656	383.5	16.2
May	57.91	27.6	33.7	17	22.5	6	77.8	156.5	78.4	6	6.5	57	51	2	3	8	45	4	7	9	9,085.2	293.1	12.2
June	58.42	27.5	33.7	4	22.6	28	79.4	156.1	60	6	7.1	37	35	7	4	10	31	9	23	24	6,037.8	201.3	8.4
July	57.09	26.8	32.3	3	22	2	81.8	518	142.9	23	8.5	15	11	2	1	19	109	0	17	12	--------	378.5	15.8
August	57.57	26.5	31.5	18	22	27, 28	83.2	556.8	101.6	5	8.6	1	4	2	2	21	139	4	2	11	9,946.3	320.8	13.4
September	58.04	26.8	32.5	14	21.6	5	82.7	340.4	75.3	4	7.1	8	20	3	3	18	76	14	9	29	8,052.4	268.4	11.2
October	58.37	26.5	31	1, 2, 28	21.1	27	81.4	381.9	101.7	12	6.9	34	26	3	1	9	63	8	5	37	8,823.2	284.6	11.9
November	59.68	26.5	32	4	21.5	14	79.2	105.8	43.7	4	5.4	113	59	2	0	0	1	0	1	4	11,283.1	376.1	15.7
December	59.75	26.4	31	17, 18	22.6	2	78.9	64.2	23.9	30	6.4	86	87	1	1	2	3	0	1	5	13,656.2	440.5	18.4
Year	758.68	26.8	33.7	---------	21.1	-------	78	2,449.4	142.9	-----	6.3	677	646	39	17	88	470	41	68	144	--------	362.9	15.1

ORMOC.

January	760.67	25.8	33.1	25	18.8	21	78.3	142.7	61.3	29	6.1	54	34	11	11	18	18	13	23	4	4,582.2	147.8	6.2
February	60.60	25.6	32.2	7, 25	18.8	11	77.3	70.9	20.8	21	6.3	39	45	19	10	11	13	15	10	6	4,304.5	153.7	6.4
March	59.17	26.2	33	18, 30, 31	18.9	21	74.5	80.8	34.8	22	5.1	30	63	26	13	17	11	10	12	4	--------	170.6	7.1
April	58.80	26.7	34.1	22	19.8	9	76.9	62.3	39.9	11	6.4	35	38	26	17	25	12	4	17	6	--------	160.5	6.7
May	58.24	27.1	33.8	30	21.1	2	81.2	86.6	58.7	5	6.3	10	46	20	50	34	4	5	8	9	--------	206.5	8.6
June	58.80	27.1	34.9	2	21.2	25	81.3	82.5	30.9	25	6.2	23	29	22	35	20	13	11	24	3	4,720.6	157.4	6.6
July	57.37	27.4	32	4	22	2	84.6	596.4	318.6	14	7.9	22	12	13	37	58	10	10	20	4	8,927.2	288	12
August	57.75	27.1	31.6	9	21.9	29	82.3	386.4	72.1	20	7.9	24	8	13	40	38	6	15	28	14	6,249.9	201.6	8.4
September	58.31	26.6	32.8	13	21.3	26	85.1	482.9	135.9	1	7.3	26	20	11	47	28	8	4	19	17	--------	195.5	8.1
October	58.67	26.2	32.2	30	19.8	27	85.4	335.7	164.4	11	7.4	24	12	8	29	33	13	18	40	9	5,940.3	191.6	8
November	59.98	25.8	33.1	22	19	14	83.9	156.9	25.2	6	6.5	62	26	4	5	15	10	12	40	6	3,811.1	127	5.3
December	60.10	26	32.7	3	20.1	2	83.2	195.8	27.7	25	7.8	43	39	8	8	13	11	12	34	18	3,801.6	122.6	5.1
Year	759.04	26.5	34.9	---------	18.8	-------	81.2	2,679.9	318.6	-----	6.8	392	372	181	302	310	129	129	275	100	--------	176.9	7.4

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[a] Owing to some unavoidable defects in the recording instrument, the velocity of the wind had to be omitted occasionally for a few days in several months and in several of the stations included in these summaries.

[b] 30 days of observation.

[c] No observation was made of wind direction on January 3, and on the 4th, 2 a. m. and 6 a. m.

[d] 26 days of observation.

[e] 20 days of observation.

[f] No observation was made of wind direction on May 2 to 11, and on the 12th, 2 a. m., 6 a. m., and 10 a. m.

[g] 27 days of observation.

[h] 22 days of observation.

[i] 28 days of observation.

[j] 24 days of observation.

[k] No observation was made of wind direction on November 27, 2 p. m., 6 p. m., and 10 p. m., and on the 28th, 2 a. m.

CAPIZ.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°C.	°C.		°C.		P.ct.	mm.	mm.		0-10										Km.	Km.	Km.
January	760.89	25.7	31.8	18	20.5	17	84.1	130.1	23.2	8	6.1	4	98	19	1	2	2	0	0	60	--------	179.5	7.5
February	60.88	25.7	31.4	10, 11, 22	20.9	18	82.4	32	11.7	24	5.6	10	89	17	0	0	0	0	3	49	--------	188.4	7.8
March	59.22	26.6	33	24	20	22	80.5	5.6	5.3	28	4.3	3	73	44	0	0	0	0	0	66	5,791.1	186.8	7.8
April	58.90	26.9	33.3	30	22	9, 16	81.2	40	13.8	15	5.4	3	88	16	4	0	1	0	0	73	--------	180.3	7.5
May	58.16	27.2	35	8	22.8	6	84.2	183	49.5	6	6.3	13	40	13	6	7	2	1	11	93	--------	--------	--------
June	58.60	27	33.7	24	22.2	14	85.8	174.3	46.4	14	6.8	6	31	12	4	4	4	5	6	108	--------	103.3	4.3
July	56.84	26.5	34	20, 30	22.8	16, 17, 19	85	345.3	89.4	14	8	4	5	2	5	29	31	12	14	84	4,099.6	132.2	5.5
August	57.39	26.3	34.1	3	22.6	7, 17	86.1	141.9	44.7	7	7.8	9	2	0	3	20	23	18	14	97	3,380.6	109.1	4.5
September	57.98	26.8	34.5	8	22.3	13	84.4	115.8	28.2	28	6.8	9	9	1	4	26	6	11	10	104	--------	120	5
October	58.52	26.1	33.8	2	21.6	28	85.8	187.1	48	19	6.7	29	15	3	1	16	5	10	12	95	4,118.6	132.9	5.5
November	60.23	26.6	32	3, 6, 27	22.7	28	83.4	90.6	12.9	8	6.2	30	93	4	0	0	0	0	4	49	5,657.7	188.6	7.9
December	60.41	26.1	31.4	13	22	10, 11	85.5	162.3	32.5	19	6.6	13	108	4	0	0	0	6	6	49	5,933.6	191.4	8
Year	759	26.5	35	--------	20	--------	84	1,608	89.4	-----	6.4	133	646	135	28	104	74	63	80	927	--------	155.7?	6.5?

CALBAYOG.

January	760.78	25	33.1	25	19.6	14	87	190.5	29.5	8	4.9	64	28	2	4	13	7	0	2	66	--------	150.9	6.3
February	60.85	24.9	32.9	23, 26	18.7	13	86.9	156	40.4	12	5.7	42	54	2	0	7	5	0	0	58	4,422.6	158	6.6
March	59.37	25.9	35.6	25	19.3	21	83.1	63.4	19.1	7	3.2	54	40	9	5	11	18	0	2	47	4,919	158.7	6.6
April	58.97	26	34.6	23	20	9	85	117.1	44.7	11	5.2	30	17	14	18	10	10	4	0	77	4,293.5	143.1	6
May	58.09	26.7	35.5	31	22	2	84.8	207	94.3	5	4.4	38	6	14	11	18	10	1	6	82	4,852.8	156.5	6.5
June	58.68	26.8	33.4	2, 19	22.2	27	84.9	60.7	11.7	2	4.5	59	13	3	5	35	5	0	7	53	4,093	136.4	5.7
July	56.71	27.3	33.7	7	22.7	2	82.9	235.6	128.9	14	7.1	14	0	1	0	59	42	26	11	33	--------	395.1	16.5
August	57.21	27.5	33.6	12	22.8	18, 19	82.3	101	18	24	7.8	4	0	0	1	20	111	26	6	18	--------	332.2	13.8
September	57.83	26.8	34.4	13	21.9	30	85	134.1	27.9	30	6.5	35	0	0	0	36	37	15	17	40	--------	--------	--------
October	58.19	26.3	32.9	22, 23	19.7	26	85.7	220.1	45.7	17	6.4	62	1	1	0	32	27	16	26	21	--------	--------	--------
November	60.05	25.3	33.2	12	19.2	14	88.1	207.3	28.7	4	5.8	87	21	2	5	3	3	2	30	27	--------	--------	--------
December	60.25	25.3	32.7	12	20.3	4, 6	88.3	241.9	60.4	24	6.3	83	56	0	4	1	4	11	16	11	--------	--------	--------
Year	758.92	26.2	35.6	--------	18.7	--------	85.3	1,934.7	128.9	-----	5.6	572	236	48	53	245	279	101	123	533	--------	--------	--------

LEGASPI.

January	761.27	25.9	32	20, 22	18.4	19	81.3	226.3	41.2	9	4.6	49	41	1	0	0	0	0	0	95	--------	129.4	5.4
February	61.35	26	32	28	18.4	10	79.6	182.6	40.5	5	4.8	29	62	7	0	0	0	0	0	70	--------	165.6	6.9
March	59.75	26.9	32.8	22	17?	25	77.9	91.9	22.9	7	3.8	25	109	22	0	0	0	0	0	30	7,630.9	246.2	10.3
April	59.29	27.4	33.7	11	21	4	80.6	182.3	31.5	12	4.9	24	109	20	2	0	0	0	1	24	--------	245.9	10.2
May	58.35	28	35	17	21.7	17	80.1	314.6	97.7	5	4.9	31	74	12	3	14	10	0	0	42	6,632.1	213.9	8.9
June	58.76	28.4	35.6	23	21.4	27	79.1	56	31.7	27	3.7	16	71	6	1	3	3	1	0	79	4,467.7	148.9	6.2
July	56.11	27.2	34.4	1, 13	22.2	9	82.9	344.6	95.1	14	6.5	12	10	1	0	11	85	15	2	50	--------	295.4	12.3
August	56.73	26.9	33.9	18	22.6	14	83.4	195.1	34	1	6.6	4	1	0	0	0	98	54	0	29	8,003.1	258.2	10.8
September	57.46	27.5	34.5	28	21.9	21	81.2	119.4	22.4	2	5.2	7	20	10	0	7	62	10	1	63	--------	204	8.5
October	57.92	26.4	34.2	7, 8	18.4	26	83.6	495.4	227.1	11	5.5	26	25	1	0	6	29	2	0	97	--------	168.3	7
November	60.34	26.5	34.4	3	21.5	18	83.7	319.1	66	23	5.6	79	58	1	0	1	0	0	0	41	--------	224.5	9.4
December	60.56	26.2	32	3	22.5	28, 30	83.7	359.3	61.4	30	6	71	74	4	0	0	2	7	0	28	8,742.9	282	11.8
Year	758.99	26.9	35.6	--------	17?	--------	81.4	2,886.6	227.1	-----	5.2	373	654	85	6	42	289	89	4	648	--------	215.2	9

ATIMONAN.

January	761.65	25.1	30.8	16	20.9	13	86	268.8	73.8	24	7.6	31	96	3	0	0	13	3	24	16	--------	552.5	23
February	61.68	25.4	30	16	20.4	15	82.4	64.2	11.1	20	6.4	42	95	3	1	0	2	2	8	15	--------	494.7	20.6
March	59.74	26.3	32.1	26, 30	20.4	25	81.5	57.4	22.9	3	5.2	45	63	11	1	0	17	7	26	16	--------	364.6	15.2
April	59.15	27	32.4	24	19.6	6	80.8	100.4	37.9	18	5.5	21	77	12	1	2	25	2	11	29	--------	306	12.8
May	58.16	27.6	34.1	14	22.6	17	81.6	133.5	34.3	17	6.3	19	46	5	8	17	54	2	11	24	9,601.1	309.7	12.9
June	58.46	27.7	34.3	14, 24	22.6	20	82.2	171.2	31.2	25	6.7	5	18	15	6	9	87	3	12	25	6,485	216.2	9
July	55.84	27	33	9, 11	22.4	11	82.3	428.4	152.7	14	8.1	20	7	2	1	15	108	8	11	14	9,578.5	309	12.9
August	56.37	26.7	34	10	22.3	22, 31	82.6	201.3	63.5	31	7.8	4	7	1	2	17	98	19	6	32	--------	244.3	10.2
September	57.27	26.9	33.2	17	22.7	1	83.4	171.7	26.9	4	7.1	23	15	2	0	12	84	3	19	22	--------	272.9	11.4
October	58.32	26.2	32.2	15	20.3	26	83.5	364	69.9	11	7.1	58	44	1	1	5	29	11	23	14	--------	383.5	16
November	60.95	26.3	29.5	3, 6	22	28	83	444.2	107.2	27	7.8	54	113	2	1	0	1	4	3	2	--------	588.8	24.5
December	61.36	25.5	29.5	11	20.7	3	86.4	347.9	86.6	19	7.5	43	123	2	1	0	0	0	14	3	--------	514	21.4
Year	759.08	26.5	34.3	--------	19.6	--------	83	2,753	152.7	-----	6.9	365	704	59	23	77	518	64	168	212	--------	379.7	15.8

PARACALE.

Month.	Pressure (mean).	Temperature. Mean.	Temperature. Maximum.	Temperature. Date.	Temperature. Minimum.	Temperature. Date.	Relative humidity (mean).	Rainfall. Total.	Rainfall. Maximum in 24 hours.	Rainfall. Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	°C.	°C.		°C.		P. ct.	mm.	mm.		0–10										Km.	Km.	Km.
January	761.91	25.4	30.3	Various	20.5	19	86	333.1	62.5	11	7.2	0	109	27	1	0	0	1	0	48	--------	831.9	13.8
February	61.98	25.3	30.8	28	20.6	8, 15, 26	82.4	209.4	42.3	5	6.2	0	81	45	0	0	0	0	0	42	8,161.6	291.5	12.1
March	60.13	26.1	32	24	20.1	23	82.8	116.1	22.9	5	4.9	4	64	44	0	1	0	1	0	72	6,162.7	198.8	8.3
April	59.57	26.6	32.4	17	20.1	6	83.2	128.5	33.3	11	5.6	0	61	40	2	1	0	1	0	75	5,760.6	192	8
May	58.49	27.6	34.4	14	23	1	83.9	135.7	28.7	22	5.8	1	50	36	0	2	18	0	0	79	5,973.5	192.7	8
June	58.85	27.7	34.6	10	22.1	4	84.5	184.7	51.3	4	5.7	1	30	26	1	1	13	0	1	107	3,887.3	129.6	5.4
July	55.90	27.4	33.6	2	22.9	21	84.3	458.9	122.4	15	7.7	6	13	9	0	3	95	3	2	55	6,962.9	224.6	9.4
August	56.45	27.1	34	12	22.7	30	84.3	259	65.2	13	7.7	1	6	1	1	1	119	5	1	51	6,284.5	202.7	8.4
September	57.32	27.1	34	17	22.1	9	85.7	231.5	47.3	2	7	1	23	7	0	2	63	10	1	73	5,565.4	185.5	7.7
October	58.36	26.1	32	2, 7	19.5	26	85.8	782.9	177.3	12	7.7	42	26	9	0	5	22	1	11	70	--------	195.4	8.1
November	61.16	26.4	30.8	2, 6, 12	20.8	22	83.9	482	84.4	21	7.9	1	140	14	0	0	0	0	0	25	9,710.3	323.7	13.5
December	61.42	25.7	30.4	3	20.6	3	86.5	670.7	103.9	17	8.1	5	132	19	0	0	0	0	7	23	11,128.5	359	15
Year	759.30	26.5	34.6	--------	19.5	------	84.4	3,992.5	177.3	-----	6.8	62	735	277	5	16	330	22	23	720	--------	235.6	9.8

DAGUPAN.

January	761.16	25.7	35	23	17	29	77.5	8.6	6.6	6	3.9	12	4	12	55	16	6	10	55	16	--------	191.5	8
February	60.82	26.1	36.3	22	18.1	1	76	12.4	10.4	9	2.8	13	3	4	62	28	4	3	47	4	6,250.8	223.2	9.3
March	58.98	27.5	37.2	30	20.2	27	73.7	34.2	32.8	7	2.8	4	2	1	50	22	9	4	82	12	7,385	238.2	9.9
April	58.39	28.2	37.8	14, 17	20.5	2	72	149.4	81.3	17	3.5	8	3	9	66	23	4	1	58	8	7,258.7	242	10.1
May	57.62	28.2	37.3	2	21.6	27	77.5	329.3	80.5	27	5.3	9	4	10	70	22	6	5	47	13	--------	223.7	9.3
June	57.95	28.5	37.4	2	22.6	28	77.2	188.6	56.9	28	6.2	6	5	12	80	15	13	11	24	14	6,585.4	219.5	9.1
July	55.23	27	37.3	4	22?	29, 30	85	608.7	176.4	29	8.2	5	7	16	80	11	13	9	36	9	6,252.7	201.7	8.4
August	55.88	26.8	34.4	20	22	16	85.3	467.6	77.8	4	8.3	12	7	17	72	14	13	12	28	11	6,673.6	215.3	9
September	56.72	26.9	35.3	21, 28	21.5?	28	85.6	934.4	316.7	3	7.1	15	4	21	47	8	16	14	40	15	--------	186.6	7.8
October	57.76	27.2	35	2	20.2	27	79.2	112.1	67.2	13	5.4	21	10	11	53	10	11	5	51	14	6,028.7	194.5	8.1
November	60.30	26.8	36.1	8	19	15	74.4	2.8	2.8	5	3.4	21	3	9	57	34	3	3	26	24	5,468.9	182.3	7.6
December	60.64	26.2	34.5	11, 18	19.5	29	74.9	3.3	1.8	13	4.4	21	2	11	41	29	6	4	49	23	--------	209.2	8.7
Year	758.45	27.1	37.8	--------	17	-----	78.2	2,851.4	316.7	-----	5.1	147	54	133	733	232	104	81	543	163	--------	210.6	8.8

BAGUIO.[a]

January	638.29	16.8	24.5	3, 4	10.1	28	82.7	146.9	92	11	6.4	9	3	55	41	4	23	21	4	26	9,996.3	322.5	13.4
February	38.10	17	26.5	21	11	2	81.2	40.3	23.6	6	5.5	3	9	63	25	2	39	9	2	16	--------	324.3	13.5
March	37.05	18.2	26.6	16, 19	12.5	2	83.6	22.9	18.5	7	5.6	2	24	29	34	4	45	21	1	26	9,431.6	304.2	12.7
April	36.79	18.6	27	17	14.1	4	81.2	91	49.8	17	6.3	3	13	37	42	1	41	17	9	17	10,122.3	337.4	14.1
May	36.33	18.6	26	17, 31	15	27	86.4	354.4	86.9	9	7.5	1	19	34	36	4	25	45	4	18	11,906.7	384.1	16
June	36.72	18.9	26.3	1	14.8	29	86.7	406.5	80.2	6	7.6	4	15	33	52	5	16	31	7	17	9,271.9	309.1	12.9
July	34.05	18.1	26.4	6	15.4	24	92.7	1,620.3	807.3	29	8.7	8	14	19	17	3	68	31	2	24	--------	356.5	14.9
August	34.50	17.6	24.2	20	12.8	16	93.9	1,040.1	166.6	16	8.5	2	15	24	14	4	77	23	9	18	--------	407.9	17
September	35.26	17.7	25.5	19	14	4	92.6	2,108.1	628.8	3	8.2	7	8	18	6	6	72	37	7	19	--------	562.8	23.4
October	36.14	17.6	25.3	31	11.3	26	89.4	139.2	37	5	6.9	13	15	27	24	3	58	13	6	27	8,239.3	265.8	11.1
November	38.24	17.7	26.2	8	12	25	80.1	60.7	30	5	5.1	3	21	50	36	2	35	6	5	22	--------	333	13.9
December	38.29	17.3	25.5	21	12.4	28	80.5	11.9	4.8	23	5.1	7	29	55	38	4	27	9	1	16	10,901.1	351.6	14.6
Year	636.65	17.8	27	--------	10.1	-----	85.9	6,042.3	807.3	-----	6.8	62	185	444	365	42	526	263	57	246	--------	354.9	14.8

VIGAN.

January	761.38	25.4	32.1	2, 31	17.8	18	80.7	0	0	0	3.6	54	38	30	9	1	4	1	40	9	--------	------	------
February	61.06	26	32.6	22	18.8	3	74.1	0	0	0	2.5	50	16	24	7	5	7	7	24	28	--------	------	------
March	59.26	27.1	34.3	22	19.9	2	75.5	0	0	0	3	53	10	7	7	7	6	14	32	50	7,014.8	226.3	9.4
April	58.68	28.1	34.9	27	21.5	3	76.1	.5	.5	25	3.2	19	10	14	12	5	15	18	37	50	5,823.1	194.1	8.1
May	57.78	28.2	35.2	4	22.6	6, 9	76.1	363.1	237.7	9	4.6	11	8	15	32	17	18	14	14	57	6,149.3	198.4	8.3
June	58.24	27.7	33.7	1, 2	22.5	10	79.9	498.6	79.8	17	5.4	2	5	31	46	19	24	9	3	41	5,087.3	169.6	7.1
July	54.97	27	33.4	4	22.4	30	84.5	1,333.2	478.9	28	7	4	2	20	79	20	13	9	6	33	--------	217.1	9
August[b]	55.78	27	-----	--------	22.3?	16?	84.9	309.6	------	----	7.2	1	4	8	29	19	18	5	12	30	--------	------	------
September	56.51	26.8	32.8	23	22.5	16	87	1,491.1	393.3	3	6.8	3	2	8	7	44	38	18	26	34	--------	234.2	9.8
October	58.10	26.6	33.5	3	19.8	27	83.4	45.6	12.5	14	4.3	7	6	11	10	3	9	16	70	54	5,459	176.1	7.3
November	60.62	26.9	34.7	10	19.9	18	80.5	1.6	1.6	5	2.2	26	19	6	6	0	5	13	44	61	5,356.7	178.6	7.4
December	61.07	25.9	33.5	17	18.9	28	75.7	3.4	2.3	27	3.7	35	11	8	2	0	4	9	57	60	6,539.2	210.9	8.8
Year	758.62	26.9	35.2	--------	17.8	-----	79.9	--------	478.9?	----	4.5	265	131	182	246	140	161	133	365	507	--------	------	------

[a] The barometric readings of this station are not reduced to sea level.

[b] 21 days of observation.

APARRI.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	763.21	23	29.5	8	17.4	28	84.8	277.4	61.2	18	7	9	52	73	9	6	4	3	2	28	10,859.3	350.3	14.6
February	62.64	23.6	32.7	22	18	1,2	81.2	64.6	26	9	5.8	6	51	50	15	16	6	1	5	18	8,448.7	301.7	12.6
March	60.32	25.4	33	20	20.6	2	80.9	123.2	34.7	5	5	8	72	34	10	30	6	4	1	21	9,595.3	309.5	12.9
April	59.22	26.7	33.6	23	20.6	17	78.2	51.3	29.7	18	2.1	9	40	14	19	37	9	11	8	33	7,484.2	249.5	10.4
May	58.03	27.5	34.1	29	21.8	5	80.2	175.2	131.4	9	3.7	15	41	23	29	29	24	8	14	3	10,015.8	323.1	13.5
June	58.23	28	34.5	3	22.1	19	79.3	124.1	70.4	28	4.9	30	26	10	13	31	19	4	12	35	--------	338.7	14.1
July	54.64	28	34.5	7	22.6	26,30	80.4	218.4	89.7	28	6.5	9	30	16	12	51	87	7	12	12	10,445.2	336.9	14
August	55.49	27.6	33.6	11	22.6	16	81.5	97.7	42.7	15	5	9	39	7	29	46	16	14	17	9	9,945.1	320.8	13.4
September	55.92	[a]27.2	[a]33	6	[a]22.1	4,27	[a]83.7	[b]348.1	126	3	5.8	17	37	8	16	35	15	19	12	21	--------	344.9	14.4
October	59.16	25.6	32	3	20.6	17,25,26	81.6	521.7	130	14	6.2	14	78	17	2	12	23	9	15	16	9,640.8	311	13
November	62.62	25	31	9	20	18	82.4	94.9	16.8	27	6.1	3	94	20	10	9	17	3	2	22	--------	315.3	13.1
December	63.26	23.4	29.8	12,21	18.2	31	86.4	410.3	78.3	7	7.7	7	82	38	13	13	16	7	2	8	--------	370.7	15.4
Year	759.40	25.9	34.5	-----	17.4	--------	81.7	-------	131.4	-----	5.5	136	642	310	177	315	192	90	102	226	--------	322.7	13.4

TAGBILARAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.										
		Mean.	Maximun.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.										Velocity, monthly mean.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.		
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12*
January	760.42	25.5	33.9	5	19.4	17	80.4	30.2	18.8	7	4.5	8	22	46	33	0	0	0	0	77	1.4
February	60.31	25.4	34	18	18.2	8	82.4	38.2	12.7	3	4.3	11	44	61	2	0	0	0	0	50	1.3
March	59.03	26.1	34.9	29	19.2	30	81.9	46	26.2	10	4.1	15	34	61	11	0	0	0	0	65	1.2
April	58.63	26.5	33.8	22	20.5	2	84	35.3	8.6	23	4.7	1	9	44	46	0	0	0	0	80	1.1
May	58.23	27.3	33.7	4,12	22.7	1	83.7	15.6	9.9	30	4.7	4	9	14	57	14	2	1	6	79	1.3
June [c]	58.67	27	------	--------	------	--------	87	41.8	18 ?	30?	4.8	2	5	10	25	33	0	0	1	74	.9
July	57.54	27.1	33.4	21	22.5	31	87.5	208	53.1	5	6.6	0	1	7	17	72	20	3	0	66	1.5
August	57.80	27.4	33.5	15	21.9	19	82.4	139.2	93	18	6.8	1	2	0	1	59	53	7	0	63	1.4
September	58.29	26.5	32.3	8	21.5	14	86.8	119	54.9	20	6.4	1	1	0	10	49	20	8	3	88	1.2
October	58.62	26	33.3	30	21.5	6	88.9	383.3	166.2	12	6.8	1	2	3	21	49	18	7	1	84	1.2
November	59.69	25.6	32.9	24	19.3	14	90.2	130.8	42.4	8	4.6	27	17	9	27	4	2	1	3	90	.8
December	59.75	25.6	32.8	6,12	20.4	3,4	91.1	119.1	43.5	20	5.9	29	24	12	29	1	0	0	2	89	1
Year	758.92	26.3	34.9	--------	18.2	--------	85.5	1,306.5?	166.2	-------	5.4	100	170	267	279	281	115	27	16	905	1.2

TACLOBAN.

January	760.83	-----	-----	-------	-----	-------	78	334.8	130.8	29	5.9	46	21	12	20	6	0	15	15	51	0.7
February	60.98	25.5	32	18	21.7	11	82	317.2	104.9	13	6.3	43	21	9	20	4	0	14	13	44	.6
March	59.54	27	33.6	31	22	2,3	77.2	57.7	16.2	22	4.6	20	21	25	41	5	0	9	12	53	.7
April	59.09	26.7	33.8	1	22	8,9	82.4	211.2	72.9	11	6.6	7	15	36	35	8	0	18	18	43	.8
May	58.19	[d]27.5	[d]32.6	18	-----	-------	83.2	343.5	143.4	5	6.2	1	8	19	77	23	1	11	21	25	1.4
June	58.86	27.3	33	23	22.8	27	84	154.8	21.3	13	6	3	3	25	52	11	2	20	19	45	.9
July	56.83	27.4	34.4	20	22.7	9	78.9	355.9	244.3	14	7.2	5	1	16	0	43	19	37	21	44	1.1
August	57.18	27.1	34	4,11	22.3	31	81.3	158.6	36.8	31	7.5	1	0	18	5	11	4	75	15	57	1
September	57.87	27.2	35	11	23	14,24,30	81.9	122.6	31.5	22	6.6	3	1	21	14	25	8	43	26	39	1
October	58.26	26.7	33.6	8	21.4	27	82.7	252.8	62.3	11	6.5	4	2	10	6	22	10	33	58	41	1
November	60	26.1	32.6	12	21.6	14	84.9	247.6	59.2	26	6.3	11	2	26	11	4	3	34	59	30	1
December	60.21	25.9	31.7	18	22	10	86.4	338.8	38.9	2	7.2	5	4	36	9	3	0	38	54	37	.9
Year	758.99	26.8?	35	--------	-----	--------	81.9	2,895.5	244.3	-------	6.4	149	99	253	290	165	47	347	331	509	0.9

[a] 29 days of observation.

[b] Rainfall for the 15th and 16th is not included as the raingauge was submerged by the river in flood.

[c] 25 days of observation.

[d] 30 days of observation.

AMBULONG, TANAUAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Velocity, monthly mean.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°C.	°C.		°C.		P. ct.	mm.	mm.		0-10										0-12
January																					
February																					
March	759.20	27	36	13	19.5	21	71.2	7.9	4.6	13	5.5	1	85	68	6	3	5	3	1	14	1.8
April	58.63	27.4	35.5	8	18.7	6	71.7	74.1	46.4	18	6.2	10	94	41	4	4	2	8	0	17	1.7
May	57.82	27.7	36.5	18	21.9	22	77.4	184.6	108	26	6.7	8	81	21	9	8	23	3	4	29	1.4
June	58.25	27.6	35.5	16	22.4	20, 30	81	205.9	50.1	26	7	1	67	24	16	15	18	14	4	21	1.2
July	55.90	26.6	34	1	22.5	1	86.5	417.4	83.6	28	8.5	4	43	12	4	18	81	17	5	2	2.1
August	56.51	26.3	34	19	22.1	23	86.8	249.5	65	16	8.2	1	17	20	8	30	100	4	4	2	1.6
September	57.26	26.7	34.4	23	21.5	1	[a]84.9	435.2	224.2	10	[a]7.3	[b]6	58	15	1	26	58	9	4	0	[a]1.6
October	58.03	26.3	35.1	2	18.6	26	82.3	187.5	66.8	14	6.9	2	100	47	4	6	22	2	3	0	1.5
November	60.48	25.9	32	6	19	14	80.3	24.7	4.8	19	6.9	4	164	10	0	0	0	1	0	1	1.9
December	60.78	25.7	33	26	19.5	2, 3	81.1	52.9	22.7	19	6.9	6	160	17	0	0	0	1	0	2	1.8
Year																					

SAN ISIDRO.

January	761.84	24.7	32.9	21	16.7	27	82.1	26.9	23	1	5.3	73	63	37	0	0	0	2	10	1	2.2
February	61.60	25.3	34.9	25	17	20	75	.6	.3	8, 26	4.1	65	46	48	0	0	0	0	9	0	2.5
March	59.75	27.2	37.4	21	18.4	17	70.5	1.9	.8	4, 25	3.6	63	51	60	4	0	0	0	7	1	2.3
April	59.23	27.6	37.1	8	17.5	2	70.9	73	39.9	14	4.6	50	53	52	18	2	0	0	5	0	2.2
May	58.39	27.9	36.5	4	21.4	22	79.1	84.9	16.8	16	5.5	38	31	39	15	30	20	2	11	0	2.3
June	58.75	27.9	37.2	3	21.9	2	81.6	175.5	40.3	28	6	43	33	23	33	20	19	0	9	0	1.9
July	56.14	26.4	34.8	3	21.7	9	89.3	324.7	57.8	29	7.6	24	16	17	3	84	31	3	8	0	2.4
August	56.82	26.1	34.1	18	22.3	8	91	342.3	73.6	19	7.7	8	3	5	16	81	60	6	7	0	2
September	57.59	26.3	34	30	21.4	28	90	301.9	59.3	3	6.9	20	27	1	20	46	36	26	4	0	1.9
October	58.57	26.2	34	2	19.3	27	83.3	177.5	52.6	12	5.9	41	61	15	9	17	11	22	10	0	2
November	61.22	25.2	32.5	9	17.4	15	80.9	39.6	19.3	1	4.6	60	55	52	6	0	0	0	7	0	2.1
December	61.46	25.5	32.5	14	19	29	79.3	3.7	1	8	4.6	34	51	19	5	1	0	0	11	65	.9
Year	759.28	26.4	37.4		16.7		81.1	1,552.5	73.6		5.5	519	490	368	129	281	177	61	98	67	2.1

BOLINAO.

January	761.28	25.9	32.6	3	18.1	29, 31	79.2	46.4	29.7	11	7.9	81	6	15	53	16	0	5	10	0	3
February	60.96	26.4	33.8	21, 25	19.1	1, 12, 18	72.6	1.3	1.3	27	5.9	68	5	15	65	5	1	6	3	0	3.3
March	59.24	27.6	34.9	19	21	3	73.5	5.3	3	31	7.7	81	3	9	39	24	0	14	16	0	3.2
April	58.61	28.4	36.1	23	22.6	20	72.9	39.4	27.2	17	6.1	49	2	16	61	19	0	14	19	0	3.1
May	57.72	28.4	35.5	5	23.1	9	76.9	242.8	121.8	9	8.3	19	0	12	71	36	4	30	13	1	3
June	58.10	27.9	35.2	2	23	29	82.3	362.3	88.4	10	9.2	9	1	10	73	40	22	15	8	2	2.7
July	55.26	26.7	34.7	4	23	3	88.5	1,064.3	240	29	9.8	11	0	8	60	51	23	18	12	3	3.1
August	55.95	26.4	33	18	22.1	16	87.9	701.3	111.7	11	9.7	7	1	2	49	73	22	15	10	7	3.4
September	56.85	26.8	33.6	26	22.5	28	87	907.8	433.8	3	9.1	11	1	9	31	47	29	30	22	0	3.3
October	58.06	27.3	33.7	9	20.6	26	79	67.3	36.8	19	7.5	57	2	8	42	42	3	5	20	7	2.7
November	60.57	27.1	33.5	20	19.8	15	74.8	4.8	3	5	6.1	63	4	5	63	42	0	1	2	0	2.9
December	60.96	26.6	33.5	12	19.7	8	74.9	14	5.8	30	7.5	88	6	7	49	18	2	2	10	4	3.4
Year	758.63	27.1	36.1		18.1		79.1	3,457	433.8		7.9	544	31	116	656	413	106	155	145	24	3.1

TUGUEGARAO.

January	762.99	23.3	33	4	17.2	29	87.1	121.2	77.9	1	7.2	32	18	1	6	5	2	0	54	68	1
February	62.53	23.9	34.9	22	16.6	19	81.8	16	9.1	22	5.6	27	19	2	17	10	2	2	24	65	.9
March	60.18	26.2	37.4	20	17.4	2	77.5	32.5	13.5	4	5.2	26	12	4	16	14	10	1	39	64	.9
April	59.27	28.2	39.4	17	19.4	2	69.7	25.2	23.9	18	4.2	8	11	3	41	21	9	1	13	73	.8
May	58.19	28.3	38.5	1, 2	22	4	76.2	114.5	23.4	9	5.4	9	11	4	40	17	10	0	20	75	.8
June	58.43	28.5	40.3	3	22	19, 25	74.6	95.9	21.6	6	5.1	9	2	4	24	43	7	4	17	70	.8
July	54.96	27.8	38.6	3	22.4	3, 29	80.9	529.3	263.6	28	6.6	7	8	7	33	23	6	4	12	86	.8
August	55.85	27.2	36.2	11, 23	21.6	16	84.5	257.5	80.5	5	6.7	12	14	4	33	16	17	4	15	71	.8
September	56.32	26.9	35.6	6	21.5	27	85.5	703.9	274.6	3	6.6	12	10	1	31	19	9	1	34	63	1.1
October	59.03	25.1	35.1	1	19	25	86.3	301.7	114.4	13	7.3	18	21	2	3	3	6	3	57	73	1
November	62.51	24.6	34.1	9	17.3	14	85.5	40.7	17.2	27	6.5	20	22	2	12	5	3	4	28	84	1
December	63.04	23.5	33.4	22	18.7	31	88.6	50	13.7	17	7.4	14	20	1	11	6	2	1	51	80	1.2
Year	759.44	26.1	40.3		16.6		81.5	2,288.4	274.6		6.2	194	168	35	267	182	83	25	364	872	0.9

[a] 29 days of observation.

[b] No observation was made of wind direction on September 10, 2 p. m., 6 p. m. and 10 p. m.

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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

Philippine Islands

WEATHER BUREAU

REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1913

PART IV

HOURLY RESULTS OF THE OBSERVATIONS MADE AT THE MAGNETIC OBSERVATORY OF ANTIPOLO, NEAR MANILA, P. I. DURING THE CALENDAR YEAR 1913

MANILA
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TABLE OF CONTENTS.

Page.
Introduction 5

Diurnal Variation:

Diurnal variation of D 7
Diurnal variation of Y 7
Diurnal variation of H 8
Diurnal variation of X 8
Diurnal variation of Z 9
Diurnal variation of I 9
Diurnal variation of F 10
Summary of Monthly Means 11

Hourly Values of—

Declination 12–23
Horizontal intensity 24–35
Vertical intensity 36–47

INTRODUCTION.

The Antipolo Magnetic Observatory, which is a division or branch of the Weather Bureau, Manila Observatory, was located at Manila in the Observatory grounds until 1904. It was temporarily closed on account of the electric car system established in that city. The new location of the observatory lies due east of the old at a distance of 18.5 kilometers. The coördinates of the variation building are 121° 10′ E and 14° 36′ N, its elevation above the sea level about 215 meters.

A description of the buildings, instruments, and method both of observation and of reduction, will be found in the "Annual Report of the Weather Bureau for the year 1911, Part IV." The arrangement of the magnetic values in this publication is the same as that of 1911; we adopted the distribution given by the Coast and Geodetic Survey of the United States of America to similar publications of its magnetic observatories.

For all the observations the Insular standard time of the Philippine Archipelago, eight hours (8^h) or the 120th meridian east of Greenwich, is used.

Diurnal variation of D.

1913.

[Five international quiet days. Time 8^h E of Greenwich; 24^h or 0^h=midnight.]

Hour.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1..	+0.01	+0.10	−0.07	−0.05	+0.06	+0.07	−0.23	+0.11	−0.02	−0.01	−0.15	+0.02	0.00	−0.04	0.00	−0.01
2..	−0.02	+0.10	−0.07	+0.01	+0.20	+0.13	−0.12	+0.19	+0.13	+0.02	−0.10	+0.02	0.00	+0.02	+0.10	+0.04
3..	−0.13	+0.10	−0.04	+0.21	+0.26	+0.19	−0.03	+0.22	+0.21	+0.02	−0.10	+0.05	−0.02	+0.10	+0.16	+0.08
4..	−0.19	+0.01	−0.07	+0.33	+0.34	+0.16	+0.11	+0.36	+0.27	−0.01	−0.07	−0.09	−0.08	+0.13	+0.24	+0.10
5..	−0.30	−0.07	−0.21	+0.27	+0.60	+0.33	+0.25	+0.56	+0.35	−0.04	−0.10	−0.26	−0.18	+0.09	+0.44	+0.12
6..	−0.44	−0.30	−0.53	+0.47	+1.57	+1.26	+1.07	+1.36	+1.03	−0.04	−0.32	−0.40	−0.36	+0.23	+1.32	+0.39
7..	−0.78	−0.98	−0.64	+0.92	+2.02	+1.95	+1.79	+1.84	+1.55	+0.28	−0.81	−0.88	−0.86	+0.53	+1.90	+0.52
8..	−0.13	−0.95	−0.19	+0.95	+1.59	+2.15	+2.07	+1.64	+1.52	+0.30	−0.72	−0.97	−0.69	+0.64	+1.86	+0.60
9..	+0.61	−0.69	+0.24	+0.78	+0.74	+1.61	+1.59	+0.76	+0.67	−0.04	−0.66	−0.57	−0.33	+0.41	+1.18	+0.42
10..	+0.80	−0.53	+0.41	+0.16	−0.59	+0.56	+0.74	−0.40	−0.36	−0.49	−0.41	−0.26	−0.10	−0.07	+0.08	−0.03
11..	+0.37	−0.21	+0.53	−0.64	−1.41	−0.72	−0.29	−1.60	−1.27	−0.89	+0.10	−0.09	+0.04	−0.57	−1.00	−0.51
12..	−0.36	−0.04	+0.16	−1.27	−1.93	−1.43	−0.85	−1.91	−1.78	−1.08	+0.53	+0.22	+0.09	−0.99	−1.53	−0.81
13..	−0.56	−0.02	−0.53	−1.41	−1.67	−1.66	−1.00	−1.85	−1.78	−0.95	+0.56	+0.57	+0.14	−1.17	−1.54	−0.86
14..	−0.50	+0.41	−0.61	−1.01	−1.33	−1.52	−1.02	−1.31	−1.24	−0.32	+0.53	+0.71	+0.29	−0.80	−1.30	−0.60
15..	+0.01	+0.56	−0.02	−0.44	−0.76	−1.03	−0.80	−0.60	−0.42	+0.27	+0.59	+0.48	+0.41	−0.15	−0.80	−0.18
16..	+0.40	+0.56	+0.47	+0.35	−0.05	−0.49	−0.57	+0.11	+0.32	+0.73	+0.59	+0.37	+0.48	+0.47	−0.25	+0.23
17..	+0.55	+0.56	+0.55	+0.66	+0.37	+0.10	−0.29	+0.53	+0.64	+0.73	+0.44	+0.45	+0.50	+0.64	+0,18	+0.44
18..	+0.32	+0.44	+0.35	+0.35	+0.15	+0.02	−0.20	+0.31	+0.29	+0.45	+0.24	+0.34	+0.34	+0.36	+0.07	+0.26
19..	+0.26	+0.30	+0.21	+0.10	+0.06	−0.24	−0.35	+0.02	+0.13	+0.39	+0.16	+0.20	+0.23	+0.21	−0.13	+0.10
20..	+0.21	+0.21	+0.10	−0.10	+0.06	−0.35	−0.40	−0.03	+0.10	+0.25	+0.02	+0.11	+0.14	+0.09	−0.18	+0.02
21..	+0.15	+0.21	+0.07	−0.19	−0.08	−0.32	−0.43	−0.06	+0.04	+0.22	+0.02	+0.11	+0.12	+0.04	−0.22	−0.02
22..	+0.01	+0.10	+0.01	−0.19	−0.13	−0.30	−0.43	−0.15	−0.10	+0.13	−0.07	+0.05	+0.02	−0.04	−0.25	−0.09
23..	−0.07	+0.04	−0.04	−0.19	−0.08	−0.27	−0.37	−0.12	−0.13	+0.07	−0.10	−0.03	−0.04	−0.07	−0.21	−0.11
24..	−0.10	+0.04	−0.07	−0.10	+0.01	−0.24	−0.32	−0.09	−0.13	+0.10	−0.07	−0.06	−0.05	−0.05	−0.16	−0.09

Diurnal variation of Y.

1913.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1..	0	+1	−1	−1	+1	+1	−8	+1	+1	−1	−2	0	0	0	0	0
2..	0	+1	−1	0	+2	+2	−2	+2	+2	0	−2	0	0	0	+1	0
3..	−2	+1	−1	+2	+3	+2	−1	+2	+2	0	−2	+1	0	+1	+2	+1
4..	−2	0	−1	+4	+4	+2	+1	+3	+3	−1	−1	−1	−1	+1	+2	+1
5..	−3	−1	−2	+3	+7	+4	+2	+5	+4	−1	−2	−3	−2	+1	+4	+1
6..	−5	−4	−6	+5	+17	+14	+11	+15	+12	−1	−4	−5	−4	+2	+14	+4
7..	−9	−11	−7	+10	+22	+22	+19	+20	+17	+3	−9	−10	−10	+6	+21	+6
8..	−1	−10	−2	+11	+18	+24	+23	+18	+17	+3	−8	−11	−8	+7	+21	+7
9..	+7	−7	+3	+9	+8	+18	+17	+8	+8	−1	−8	−6	−4	+5	+13	+5
10..	+9	−6	+5	+2	−6	+7	+8	−5	−3	−5	−5	−3	−1	0	+1	0
11..	+5	−2	+7	−7	−15	−7	−3	−18	−13	−10	+1	−1	+1	−6	−11	−5
12..	−4	0	+3	−14	−21	−15	−9	−21	−19	−12	+6	+2	+1	−10	−16	−9
13..	−6	0	−5	−15	−18	−18	−11	−20	−19	−11	+6	+6	+2	−12	−17	−9
14..	−5	+5	−6	−11	−14	−16	−11	−15	−13	−4	+6	+8	+4	−8	−14	−6
15..	0	+6	0	−5	−8	−11	−9	−7	−4	+3	+6	+5	+4	−2	−9	−2
16..	+4	+6	+6	+4	0	−5	−7	+1	+4	+8	+6	+4	+5	+6	−3	+3
17..	+6	+6	+7	+7	+4	+1	−4	+5	+7	+8	+4	+5	+5	+7	+2	+5
18..	+4	+5	+5	+4	+2	+1	−3	+3	+3	+5	+2	+4	+4	+4	+1	+3
19..	+3	+3	+3	+1	+1	−2	−4	0	+2	+4	+1	+2	+2	+2	−1	+1
20..	+2	+2	+2	−1	+1	−4	−5	−1	+1	+2	0	+1	+1	+1	−2	0
21..	+2	+2	+1	−2	−1	−3	−5	−1	+1	+2	0	+1	+1	0	−2	0
22..	0	+1	0	−2	−1	−3	−5	−2	−1	+1	−1	+1	0	0	−3	−1
23..	−1	0	−1	−2	−1	−3	−5	−2	−1	0	−2	0	−1	−1	−3	−2
24..	−1	0	−1	−1	0	−2	−4	−1	−1	+1	−1	−1	−1	0	−2	−1

Diurnal variation of H.

1913.

[Five international quiet days. Time 8h E of Greenwich; 24h or 0h=midnight.]

Hour.	Jan.	Feb.	March.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−11	−14	−15	−17	− 9	−12	−10	−15	− 9	−12	− 9	+1	− 8	−13	−12	−11
2	−12	−15	−15	−19	−10	−11	−10	−14	− 9	−12	− 9	−3	−10	−14	−11	−12
3	− 9	−15	−14	−18	−11	−11	−10	−14	−11	−13	− 9	−3	− 9	−14	−12	−12
4	− 8	−14	−14	−18	−12	−12	−11	−14	−10	−12	− 9	−6	− 9	−14	−12	−12
5	− 8	−14	−13	−15	−11	−13	− 9	−11	−10	−13	−11	−7	−10	−13	−11	−11
6	− 7	−13	−12	−15	−10	−10	− 6	− 8	−10	−12	−10	−9	−10	−12	− 8	−10
7	− 2	−10	− 7	−11	− 5	− 3	− 1	− 2	− 6	− 9	− 8	−8	− 7	− 8	− 3	− 6
8	+ 4	− 5	+ 3	− 4	0	+ 6	+ 3	+ 6	− 1	− 5	− 5	−7	− 3	− 2	+ 4	0
9	+13	+ 8	+16	+13	+ 7	+19	+10	+14	+11	+ 8	+ 4	−3	+ 6	+12	+12	+10
10	+23	+22	+31	+28	+14	+26	+17	+23	+25	+24	+14	0	+15	+27	+20	+21
11	+29	+29	+40	+34	+20	+27	+24	+26	+33	+31	+21	+2	+20	+34	+24	+26
12	+22	+31	+40	+35	+20	+26	+21	+24	+31	+29	+21	+1	+19	+34	+23	+25
13	+13	+27	+32	+29	+19	+23	+16	+19	+24	+24	+17	+1	+14	+27	+19	+20
14	+ 5	+20	+21	+22	+15	+18	+12	+12	+16	+15	+11	+1	+ 9	+18	+14	+14
15	+ 1	+11	+11	+14	+11	+ 9	+ 7	+ 5	+ 5	+ 5	+ 6	+1	+ 5	+ 9	+ 8	+ 7
16	− 2	+ 4	+ 3	+ 5	+ 6	+ 3	+ 1	+ 1	− 2	0	+ 1	+2	+ 1	+ 2	+ 3	+ 2
17	− 2	+ 1	− 5	− 2	0	− 3	− 2	− 3	− 4	− 4	0	+3	0	− 4	− 2	− 2
18	− 2	− 2	− 8	− 6	− 4	− 8	− 4	− 7	− 8	− 6	0	+5	0	− 7	− 6	− 4
19	− 2	− 4	−10	− 7	− 6	− 9	− 6	− 9	− 9	− 5	− 1	+5	0	− 8	− 8	− 5
20	− 4	− 7	−14	− 8	− 7	−10	− 7	− 9	− 9	− 5	− 3	+4	− 2	− 9	− 8	− 7
21	− 6	− 7	−16	−10	− 7	−10	− 8	−10	−10	− 7	− 3	+4	− 3	−11	− 9	− 8
22	− 8	− 8	−17	−12	− 8	−11	− 8	−10	− 9	− 9	− 4	+2	− 4	−12	− 9	− 8
23	− 8	− 9	−17	−13	− 8	−12	−10	− 8	− 9	−10	− 5	+2	− 5	−12	−10	− 9
24	− 7	−10	−17	−12	− 9	−12	−10	− 7	− 7	−10	− 6	0	− 6	−12	−10	− 9

Diurnal variation of X.

1913.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−12	−15	−15	−17	− 9	−13	−10	−15	−10	−13	− 9	+1	− 9	−14	−12	−11
2	−13	−15	−15	−19	−10	−11	−10	−14	−10	−13	− 9	−3	−10	−14	−11	−12
3	−10	−15	−14	−18	−11	−11	−10	−14	−12	−14	− 9	−3	− 9	−14	−12	−12
4	− 9	−15	−14	−18	−12	−13	−12	−14	−11	−13	− 9	−5	−10	−14	−13	−12
5	− 9	−15	−13	−15	−11	−14	−10	−11	−11	−13	−11	−7	−10	−13	−12	−12
6	− 8	−13	−12	−15	−10	−11	− 7	− 8	−11	−13	− 9	−8	−10	−13	− 9	−10
7	− 3	−10	− 7	−11	− 5	− 4	− 2	− 2	− 7	−10	− 7	−7	− 7	− 9	− 3	− 6
8	+ 3	− 5	+ 8	− 4	0	+ 5	+ 2	+ 6	− 2	− 6	− 4	−6	− 3	− 2	+ 3	− 1
9	+12	+ 8	+15	+13	+ 7	+18	+ 9	+14	+10	+ 8	+ 5	−2	+ 6	+12	+12	+10
10	+22	+22	+30	+28	+14	+25	+16	+24	+25	+24	+15	0	+15	+27	+20	+20
11	+28	+29	+39	+34	+21	+27	+24	+27	+33	+31	+22	+2	+20	+34	+25	+26
12	+21	+31	+39	+36	+21	+26	+21	+25	+31	+29	+21	+1	+18	+34	+23	+25
13	+12	+25	+32	+30	+20	+23	+16	+20	+24	+24	+17	+1	+14	+28	+20	+20
14	+ 4	+20	+21	+23	+16	+18	+12	+13	+16	+15	+12	+1	+ 9	+19	+15	+14
15	0	+11	+11	+14	+12	+ 9	+ 7	+ 6	+ 5	+ 4	+ 6	+1	+ 4	+ 8	+ 8	+ 7
16	− 3	+ 4	+ 3	+ 5	+ 6	+ 8	+ 1	+ 1	− 3	− 1	+ 1	+2	+ 1	+ 1	+ 3	+ 2
17	− 3	+ 1	− 6	− 2	0	− 4	− 2	− 3	− 5	− 5	0	+3	0	− 4	− 2	− 2
18	− 3	− 2	− 8	− 6	− 4	− 9	− 5	− 7	− 9	− 7	0	+5	0	− 8	− 6	− 5
19	− 3	− 5	−10	− 7	− 6	− 9	− 6	− 9	−10	− 5	− 1	+5	− 1	− 8	− 8	− 6
20	− 5	− 7	−14	− 8	− 7	−10	− 7	− 9	−10	− 5	− 3	+5	− 2	− 9	− 8	− 7
21	− 7	− 7	−16	− 9	− 7	−10	− 8	− 9	−11	− 8	− 3	+5	− 3	−11	− 8	− 8
22	− 9	− 8	−17	−11	− 8	−11	− 8	− 9	−10	−10	− 3	+2	− 4	−12	− 9	− 8
23	− 9	− 9	−17	−12	− 8	−12	−10	− 7	−10	−11	− 5	+2	− 5	−12	− 9	− 9
24	− 8	−10	−17	−12	− 8	−12	−10	− 6	− 7	−11	− 6	0	− 6	−12	− 9	− 9

Diurnal variation of Z.

1913.

(Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h=midnight.)

Hour.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	+6	+4	+6	+6	+7	+7	+10	+4	+9	+7	+5	+5	+5	+7	+7	+6
2	+6	+3	+5	+6	+6	+7	+9	+4	+10	+8	+6	+5	+5	+7	+6	+6
3	+6	+2	+4	+5	+5	+6	+7	+5	+10	+8	+5	+5	+4	+7	+6	+6
4	+4	+1	+3	+4	+4	+6	+7	+4	+10	+7	+5	+5	+4	+6	+5	+5
5	+3	−1	+2	+1	+4	+5	+6	+5	+10	+7	+4	+4	+2	+5	+5	+4
6	+2	−3	0	0	+4	+5	+6	+5	+12	+6	+4	+3	+2	+4	+5	+4
7	0	−5	−1	−2	−1	+3	+3	+2	+7	+7	+2	+3	0	+3	+2	+2
8	+1	−6	−2	−7	−7	−3	−3	−3	−4	+1	+1	+1	−1	−3	−4	−3
9	−1	−10	−7	−12	−13	−11	−12	−10	−15	−11	−3	−2	−4	−11	−12	−9
10	−7	−13	−13	−16	−17	−17	−18	−17	−24	−18	−9	−6	−9	−18	−17	−15
11	−13	−15	−17	−19	−17	−19	−25	−20	−28	−21	−13	−7	−12	−21	−20	−18
12	−17	−15	−17	−18	−16	−16	−23	−17	−25	−16	−14	−6	−13	−19	−18	−17
13	−14	−13	−15	−12	−11	−13	−19	−15	−18	−11	−11	−4	−10	−14	−14	−13
14	−9	−8	−7	−6	−6	−8	−14	−8	−6	−3	−6	−3	−6	−6	−9	−7
15	−3	−4	−1	0	−2	+1	−8	0	+3	+3	−3	−2	−3	+1	−2	−1
16	+1	+1	+4	+4	+1	+5	−2	+2	+7	+3	0	−1	0	+4	+2	+2
17	+3	+6	+6	+6	+3	+6	+4	+4	+8	0	−1	0	+2	+5	+4	+4
18	+4	+7	+6	+5	+4	+5	+7	+4	+5	−1	0	−1	+2	+4	+5	+4
19	+4	+9	+7	+6	+6	+5	+9	+5	+6	−2	0	0	+3	+4	+6	+5
20	+5	+10	+8	+6	+7	+6	+9	+6	+6	−1	+2	+1	+4	+5	+7	+5
21	+5	+10	+9	+7	+8	+6	+10	+7	+6	+1	+3	+2	+5	+6	+8	+6
22	+4	+10	+9	+8	+8	+5	+11	+8	+7	+3	+4	+2	+5	+7	+8	+7
23	+4	+9	+9	+8	+9	+6	+11	+8	+8	+5	+6	+3	+6	+8	+8	+7
24	+3	+9	+8	+8	+9	+6	+10	+9	+8	+6	+6	+4	+6	+8	+8	+7

Diurnal variation of I.

1913.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+0.79	+0.70	+0.84	+0.95	+0.81	+0.87	+1.08	+0.71	+0.93	+0.93	+0.66	+0.39	+0.64	+0.91	+0.87	+0.80
2	+0.81	+0.64	+0.76	+1.00	+0.75	+0.85	+0.99	+0.69	+1.01	+1.01	+0.74	+0.48	+0.67	+0.94	+0.82	+0.81
3	+0.74	+0.56	+0.65	+0.89	+0.69	+0.76	+0.83	+0.77	+1.06	+1.03	+0.66	+0.48	+0.61	+0.91	+0.76	+0.76
4	+0.55	+0.45	+0.57	+0.80	+0.63	+0.79	+0.85	+0.69	+1.04	+0.93	+0.66	+0.56	+0.56	+0.84	+0.74	+0.71
5	+0.47	+0.28	+0.46	+0.48	+0.61	+0.73	+0.72	+0.70	+1.04	+0.95	+0.63	+0.50	+0.47	+0.73	+0.69	+0.63
6	+0.36	+0.09	+0.27	+0.40	+0.58	+0.65	+0.65	+0.62	+1.21	+0.85	+0.60	+0.47	+0.38	+0.68	+0.62	+0.56
7	+0.07	−0.15	+0.07	+0.13	+0.05	+0.32	+0.28	+0.23	+0.70	+0.86	+0.39	+0.44	+0.19	+0.44	+0.22	+0.28
8	+0.01	−0.35	−0.26	−0.45	−0.57	−0.40	−0.32	−0.38	−0.34	+0.26	+0.24	+0.25	+0.04	−0.20	−0.42	−0.19
9	−0.37	−1.00	−0.99	−1.27	−1.24	−1.38	−1.24	−1.16	−1.55	−1.05	−0.32	−0.10	−0.45	−1.22	−1.26	−0.97
10	−1.12	−1.59	−1.85	−1.97	−1.75	−2.05	−1.90	−1.96	−2.64	−2.02	−1.06	−0.51	−1.07	−2.12	−1.92	−1.70
11	−1.76	−1.92	−2.40	−2.37	−1.89	−2.24	−2.65	−2.28	−3.16	−2.44	−1.56	−0.63	−1.47	−2.59	−2.26	−2.11
12	−1.92	−1.97	−2.40	−2.31	−1.81	−1.97	−2.42	−1.98	−2.86	−1.98	−1.65	−0.53	−1.52	−2.39	−2.04	−1.98
13	−1.46	−1.68	−2.04	−1.67	−1.37	−1.64	−1.96	−1.69	−2.11	−1.44	−1.30	−0.37	−1.20	−1.82	−1.66	−1.56
14	−0.84	−1.12	−1.11	−1.00	−0.86	−1.10	−1.45	−0.94	−0.92	−0.55	−0.74	−0.29	−0.75	−0.90	−1.09	−0.91
15	−0.25	−0.57	−0.37	−0.30	−0.43	−0.14	−0.83	−0.11	+0.08	+0.18	−0.37	−0.21	−0.35	−0.10	−0.38	−0.28
16	+0.16	+0.01	+0.24	+0.25	−0.06	+0.34	−0.19	+0.16	+0.60	+0.31	0.00	−0.14	+0.01	+0.35	+0.06	+0.14
17	+0.32	+0.50	+0.60	+0.58	+0.26	+0.57	+0.38	+0.42	+0.73	+0.15	−0.05	−0.08	+0.17	+0.52	+0.41	+0.36
18	+0.40	+0.66	+0.67	+0.60	+0.44	+0.61	+0.68	+0.52	+0.58	+0.12	+0.03	−0.21	+0.22	+0.49	+0.56	+0.42
19	+0.41	+0.87	+0.81	+0.70	+0.65	+0.63	+0.90	+0.65	+0.69	+0.01	+0.05	−0.13	+0.30	+0.55	+0.71	+0.52
20	+0.54	+1.03	+0.99	+0.73	+0.76	+0.74	+0.92	+0.73	+0.69	+0.09	+0.27	−0.02	+0.46	+0.62	+0.79	+0.62
21	+0.59	+1.03	+1.12	+0.86	+0.84	+0.74	+1.03	+0.84	+0.71	+0.31	+0.35	+0.06	+0.51	+0.75	+0.86	+0.71
22	+0.55	+1.05	+1.14	+0.99	+0.87	+0.68	+1.11	+0.92	+0.77	+0.52	+0.45	+0.11	+0.54	+0.86	+0.90	+0.76
23	+0.55	+0.99	+1.14	+1.01	+0.95	+0.79	+1.16	+0.87	+0.85	+0.71	+0.64	+0.19	+0.59	+0.93	+0.94	+0.82
24	+0.45	+1.01	+1.06	+0.99	+0.97	+0.79	+1.08	+0.93	+0.80	+0.79	+0.66	+0.32	+0.61	+0.91	+0.94	+0.82

Diurnal variation of F.

1913.

(Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h=midnight.)

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−9	−12	−13	−14	−6	−10	−7	−13	−7	−10	−7	+2	−6	−11	−9	−9
2	−10	−14	−13	−16	−7	−9	−7	−12	−6	−9	−7	−2	−8	−11	−9	−9
3	−7	−14	−13	−15	−9	−9	−7	−12	−8	−10	−7	−2	−8	−12	−9	−9
4	−7	−13	−13	−15	−10	−10	−8	−12	−7	−10	−7	−4	−8	−11	−10	−10
5	−7	−14	−12	−14	−9	−12	−7	−9	−7	−10	−10	−6	−9	−11	−9	−10
6	−6	−13	−12	−14	−8	−9	−4	−6	−7	−10	−9	−8	−9	−11	−7	−9
7	−2	−11	−7	−11	−5	−3	0	−1	−4	−7	−7	−7	−7	−7	−2	−5
8	+4	−6	+2	−5	−1	+4	+2	+5	−2	−4	−5	−7	−4	−2	+2	−1
9	+12	+5	+13	+10	+4	+14	+6	+11	+6	+5	+3	−3	+4	+8	+9	+7
10	+20	+18	+26	+23	+9	+19	+11	+18	+17	+18	+11	−2	+12	+21	+14	+16
11	+24	+24	+33	+28	+15	+20	+16	+20	+24	+24	+16	0	+16	+27	+18	+20
12	+16	+26	+33	+29	+15	+20	+14	+19	+23	+23	+16	−1	+14	+27	+17	+19
13	+8	+21	+26	+25	+15	+18	+10	+15	+18	+20	+13	0	+10	+22	+14	+16
14	+2	+17	+18	+20	+13	+14	+8	+10	+13	+14	+9	0	+7	+16	+11	+12
15	0	+9	+10	+14	+11	+8	+5	+5	+5	+6	+5	0	+4	+9	+7	+6
16	−2	+4	+4	+6	+7	+4	+1	+2	0	+1	+1	+2	+1	+3	+4	+2
17	−1	+3	−3	0	+1	−2	−1	−1	−2	−4	0	+3	+1	−2	−1	−1
18	−1	0	−6	−4	−2	−7	−2	−5	−7	−6	0	+4	+1	−6	−4	−3
19	−1	−1	−8	−4	−3	−8	−3	−7	−7	−5	−1	+5	0	−6	−5	−4
20	−2	−4	−12	−5	−4	−9	−4	−7	−7	−5	−2	+4	−1	−7	−6	−5
21	−4	−4	−13	−7	−4	−9	−5	−7	−8	−6	−2	+4	−2	−8	−6	−5
22	−7	−5	−14	−9	−5	−10	−4	−7	−7	−8	−3	+2	−3	−10	−6	−6
23	−7	−6	−14	−10	−5	−10	−6	−5	−7	−8	−3	+3	−3	−10	−6	−6
24	−6	−7	−14	−9	−6	−10	−7	−4	−5	−8	−4	+1	−4	−9	−7	−7

Summary of monthly means, 1913.

Month.	D.	Y.	H.	X.	Z.	I.	F.
	° ′	γ	γ	γ	γ	° ′	γ
January	0 38.53	427	38101	38100	11118	16 16.02	39690
February	0 38.62	428	38105	38103	11133	16 17.17	39698
March	0 39.20	434	38097	38095	11127	16 16.91	39689
April	0 39.64	439	38087	38084	11118	16 16.35	39676
May	0 39.62	439	38093	38090	11108	16 15.40	39679
June	0 39.65	439	38095	38093	11104	16 15.03	39681
July	0 39.68	440	38089	38087	11092	16 14.17	39671
August	0 39.49	438	38095	38092	11069	16 12.10	39670
September	0 39.47	437	38090	38088	11076	16 12.85	39668
October	0 39.50	438	38098	38096	11082	16 13.07	39677
November	0 39.69	440	38078	38075	11082	16 13.58	39658
December	0 39.84	441	38050	38047	11071	16 13.37	39628
Year	0 39.41	437	38090	38088	11098	16 14.67	39674

HOURLY VALUES OF DECLINATION.

JANUARY, 1913.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	39.37	39.23	39.09	39.09	38.95	38.81	38.39	38.53	39.65	40.63	40.21	39.23	38.53	38.95	39.51
2	39.34	39.20	39.06	39.06	39.06	38.92	38.50	39.20	39.62	40.18	40.60	40.18	39.48	38.92	38.92
3	39.21	39.07	38.79	38.79	38.79	38.79	38.51	38.79	39.63	40.89	39.77	39.35	39.63	39.91	39.49
4	39.19	38.91	38.35	38.49	38.63	38.63	37.93	38.49	39.47	40.03	39.61	39.47	39.33	38.49	38.21
5	39.03	39.03	38.89	39.03	38.89	38.61	38.33	39.03	39.87	40.99	41.27	40.99	40.15	39.73	39.59
6	38.73	38.73	38.59	38.45	38.31	38.03	37.75	38.59	39.43	40.13	39.71	39.29	38.59	38.45	38.73
7 [a]	38.71	38.71	38.57	38.57	38.57	38.43	38.01	38.57	39.13	39.69	39.69	39.55	39.55	39.27	39.41
8	38.69	38.69	38.55	38.41	38.41	38.13	37.85	38.13	38.69	38.97	39.25	39.25	39.11	39.11	39.25
9	38.67	38.67	38.67	38.67	38.53	38.39	37.69	38.25	39.23	38.53	38.53	38.67	38.95	38.53	38.53
10	38.65	38.65	38.51	38.37	38.37	38.23	37.95	38.51	39.21	38.09	37.67	38.09	38.51	38.23	38.79
11	38.26	38.26	38.12	38.12	38.12	37.98	37.98	38.41	39.26	38.82	38.26	37.98	37.84	38.26	38.68
12 [a]	38.38	38.38	38.38	38.38	38.24	38.10	37.81	38.81	39.66	38.95	38.52	38.10	38.10	38.24	38.95
13	38.52	38.52	38.52	38.38	38.38	38.24	37.81	38.24	38.66	39.37	39.23	38.52	39.09	39.09	39.23
14	38.72	38.72	38.72	38.58	38.58	38.44	37.87	38.01	38.44	38.72	37.87	37.30	37.44	38.30	39.29
15	38.79	38.79	38.79	38.93	38.65	38.51	38.51	39.36	40.50	40.78	39.36	39.36	39.22	39.22	39.50
16 [a]	38.57	38.57	38.43	38.28	38.14	38.00	38.28	39.14	39.28	38.28	37.29	35.87	35.73	36.44	37.15
17	37.79	37.64	37.64	37.50	37.50	37.36	37.50	38.78	39.92	39.35	37.22	36.51	36.51	36.93	37.64
18	37.71	37.57	37.43	37.43	37.29	37.15	37.15	38.14	38.71	37.72	36.44	35.59	36.16	36.58	37.29
19	37.50	37.07	37.07	37.36	36.79	37.36	37.64	38.78	39.20	37.93	36.22	35.94	37.22	37.36	37.78
20	37.42	37.42	37.42	37.56	37.42	37.13	36.99	37.70	39.12	38.55	36.00	36.14	37.13	37.56	37.42
21	37.77	37.63	37.49	37.35	37.20	36.92	36.64	37.49	39.33	38.77	37.06	36.92	37.35	37.63	38.06
22	37.55	37.55	37.55	37.55	37.41	36.98	36.27	37.26	39.39	38.97	36.84	36.41	36.98	37.41	37.41
23	37.90	37.62	37.76	37.62	37.62	37.48	37.19	37.62	38.89	39.89	38.75	38.18	37.33	37.90	38.33
24 [a]	37.68	37.68	37.54	37.39	37.25	37.11	36.26	36.97	37.96	39.10	38.81	38.10	37.96	37.25	37.68
25	37.75	37.75	37.75	37.61	37.46	37.46	37.32	37.61	37.89	38.60	39.17	38.74	37.61	37.61	37.89
26	37.81	37.95	37.95	37.95	37.81	37.67	37.24	37.95	38.80	38.09	36.67	35.96	36.25	37.24	38.09
27	37.88	37.88	37.88	37.74	37.59	37.59	38.73	40.01	40.29	38.73	37.59	37.31	37.45	38.02	38.73
28	37.65	37.94	37.80	37.80	37.80	37.65	37.65	38.36	39.64	40.07	37.51	36.52	37.09	37.80	38.22
29	38.01	37.87	37.87	37.72	37.87	37.72	38.58	40.00	41.27	41.27	39.00	37.72	37.44	37.72	37.87
30	37.93	37.78	37.78	37.78	37.78	37.78	37.22	37.22	38.21	39.49	38.78	36.79	36.65	35.65	36.22
31	38.00	37.85	37.71	37.57	37.57	37.57	37.57	39.13	40.27	40.41	39.56	38.71	37.71	37.43	37.43
Mean	38.30	38.24	38.15	38.11	38.03	37.91	37.71	38.42	39.31	39.35	38.47	37.96	37.94	38.04	38.36
Mean [a]	38.54	38.51	38.40	38.34	38.23	38.09	37.75	38.40	39.14	39.33	38.90	38.17	37.97	38.03	38.54

FEBRUARY, 1913.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.20	38.20	38.06	38.20	37.91	37.49	37.06	37.20	37.49	37.91	38.48	37.91	36.49	36.63	36.92
2	38.13	38.27	38.13	37.98	37.84	37.70	37.56	38.27	39.12	39.83	39.69	38.98	39.12	39.26	38.98
3 [a]	38.19	38.19	38.04	38.04	37.90	37.76	37.19	37.19	37.76	38.04	38.61	38.19	37.90	38.47	38.90
4 [a]	38.26	38.26	38.26	38.11	38.11	37.97	37.69	37.55	37.69	37.83	37.69	38.11	38.68	39.82	39.68
5	38.61	38.75	38.75	38.75	38.47	38.18	37.76	37.33	37.47	37.76	38.04	38.47	39.04	39.46	39.32
6	38.53	38.67	38.53	38.53	38.39	37.96	36.82	36.97	37.68	38.53	39.24	39.38	39.52	39.52	39.66
7	38.16	38.16	38.16	38.16	38.02	37.88	37.31	37.59	38.30	39.01	39.44	39.30	39.30	39.44	39.44
8	38.22	38.22	38.08	38.08	37.94	37.80	37.23	37.51	37.80	38.08	38.65	38.79	38.94	38.94	38.79
9	38.57	38.85	38.57	38.42	38.42	38.28	38.00	37.57	37.57	37.71	38.00	38.14	38.28	38.71	39.00
10	38.91	38.91	38.77	38.77	38.63	38.20	37.63	37.63	37.77	38.06	39.34	39.20	39.34	39.06	38.91
11	38.26	38.40	38.54	38.54	38.54	38.40	38.12	38.12	38.26	38.26	38.69	39.26	38.97	38.12	37.98
12	38.60	38.60	38.60	38.46	38.46	38.32	38.18	38.32	38.60	38.89	39.17	39.32	39.32	38.60	38.89
13	38.66	38.52	38.38	38.52	38.38	38.52	37.53	37.67	37.95	38.52	38.66	38.24	37.81	37.67	38.10
14	38.72	38.72	38.72	39.01	38.87	38.72	38.16	38.58	39.01	39.01	39.29	39.01	38.58	38.44	38.01
15	38.78	38.93	38.93	38.78	38.64	38.36	37.65	37.65	38.07	37.93	37.93	38.22	39.07	39.78	39.21
16	38.99	38.84	38.84	38.56	38.42	38.28	37.71	38.13	38.42	38.70	39.13	39.27	38.70	38.42	38.28
17	38.62	38.62	38.62	38.48	38.34	38.19	38.05	38.48	38.76	39.19	39.33	39.19	38.76	38.48	38.34
18	39.19	39.19	39.05	39.05	38.76	38.62	38.05	38.05	38.48	38.90	39.61	39.47	38.34	38.48	38.48
19	39.19	39.19	39.05	39.05	38.91	38.63	38.48	38.77	39.05	39.34	39.48	39.76	39.05	38.06	38.06
20	38.91	38.91	38.91	38.91	39.05	38.63	38.20	38.48	38.91	39.34	39.62	40.05	39.62	39.48	39.34
21	39.34	39.34	39.34	39.19	38.91	38.34	37.92	37.92	38.34	39.19	39.62	39.48	39.34	39.19	38.91
22	39.19	39.05	39.05	39.05	38.91	38.34	36.92	36.78	37.21	38.06	38.91	39.34	39.62	39.90	39.62
23 [a]	39.19	39.34	39.34	39.19	39.05	38.77	37.49	37.63	37.92	38.20	38.63	39.05	39.19	39.48	39.48
24 [a]	39.05	39.05	39.19	39.19	39.05	38.77	38.20	38.34	38.77	38.77	38.91	38.91	38.77	38.77	39.05
25	39.05	38.91	38.91	38.91	38.91	38.77	38.06	38.34	38.77	38.91	39.19	39.62	39.48	38.77	38.48
26	39.62	39.76	39.90	39.90	39.48	39.05	37.92	37.77	37.92	38.34	38 77	39.34	39.19	38.91	39.05
27	39.05	38.91	38.77	38.63	38.20	38.06	37.63	37.77	38.77	39.05	39.34	39.62	39.34	39.05	39.62
28 [a]	38.91	38.77	38.77	38.63	38.63	38.34	37.63	37.63	37.49	37.63	38.20	38.63	38.48	38.63	38.77
Mean	38.75	38.77	38.72	38.68	38.54	38.30	37.72	37.83	38.19	38.54	38.92	39.01	38.87	38.84	38.83
Mean [a]	38.72	38.72	38.72	38.63	38.55	38.32	37.64	37.67	37.93	38.09	38.41	38.58	38.60	39.03	39.18

[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

JANUARY, 1913.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
40.07	40.35	39.93	39.79	39.65	39.65	39.51	39.37	39.37	39.41	10 20	40.74	7 00	38.39	2.35	1
39.48	39.76	39.48	39.48	39.62	39.34	39.48	39.34	39.20	39.39	11 00	40.60	7 00	38.50	2.10	2
39.63	40.05	39.63	39.77	39.77	39.77	39.63	39.91	39.49	39.46	10 00	40.89	7 00	38.51	2.38	3
38.91	39.33	39.47	39.61	39.61	39.33	39.19	39.19	39.05	39.04	10 00	40.03	7 00	37.93	2.10	4
39.31	39.31	39.17	39.17	39.03	38.89	38.89	38.75	38.75	39.36	11 00	41.27	6 25	38.19	3.08	5
39.29	39.15	39.15	39.15	39.15	39.01	38.87	38.73	38.73	38.86	10 00	40.13	7 00	37.75	2.38	6
39.55	39.41	39.27	39.13	39.13	39.13	38.85	38.71	38.71	39.01	10 05	39.83	7 00	38.01	1.82	7
39.25	39.11	39.11	39.25	39.25	39.11	38.97	38.69	38.69	38.83	10 50	39.39	7 00	37.85	1.54	8
39.23	39.23	39.09	39.09	38.95	38.81	38.81	38.81	38.81	38.72	9 10	39.37	7 00	37.69	1.68	9
39.07	39.21	38.93	38.79	38.93	38.79	38.65	38.51	38.37	38.54	9 05	39.35	11 00	37.67	1.68	10
39.12	38.84	38.68	38.68	38.54	38.54	38.40	38.40	38.40	38.41	9 00	39.26	13 00	37.84	1,42	11
39.52	39.38	39.23	39.09	38.95	38.81	38.67	38.67	38.52	38.66	9 00	39.66	7 00	37.81	1.85	12
39.37	39.37	39.23	39.23	39.09	39.09	38.95	38.80	38.66	38.82	16 30	39.51	7 00	37.81	1.70	13
39.86	39.72	39.29	39.15	39.01	38.86	38.72	38.72	38.58	38.62	16 00	39.86	12 00	37.30	2.56	14
39.93	40.07	39.50	39.08	39.08	38.79	38.79	38.51	38.51	39.19	10 00	40.78	6 35	38.37	2.41	15
37.57	38.00	37.86	37.86	37.86	37.86	37.86	37.72	37.72	37.82	9 00	39.28	13 15	35.59	3.69	16
38.07	37.93	37.79	37.64	37.50	37.50	37.50	37.50	37.64	37.70	9 50	40.06	12 25	36.37	3.69	17
37.86	38.00	37.71	37.71	37.57	37.57	37.43	37.57	37.43	37.38	9 00	38.71	12 00	35.59	3.12	18
38.07	38.35	38.07	37.93	37.78	37.64	37.50	37.36	37.36	37.55	9 30	39.34	12 00	35.94	3.40	19
37.56	37.70	37.70	37.84	37.84	37.84	37.84	37.70	37.70	37.53	9 50	39.26	11 00	36.00	3.26	20
38.48	38.06	37.77	37.77	37.77	37.77	37.63	37.63	37.49	37.67	9 15	39.47	7 00	36.64	2.83	21
37.41	37.55	37.83	37.83	37.83	37.83	37.83	37.97	37.69	37.55	9 00	39.39	7 00	36.27	3.12	22
38.75	38.47	37.62	37.76	37.76	37.76	37.76	37.62	37.62	37.97	10 05	40.03	7 00	37.19	2.84	23
37.96	38.25	37.96	38.10	38.10	37.96	37.82	37.82	37.82	37.77	10 00	39.10	7 00	36.26	2.84	24
38.17	38.46	38.17	38.03	38.03	38.03	37.89	38.03	37.75	37.95	11 00	39.17	7 00	37.32	1.85	25
38.66	38.80	38.52	38.38	38.23	37.95	37.81	37.81	37.81	37.81	9 30	38.94	12 00	35.96	2.98	26
39.16	38.73	38.45	38.30	38.16	37.88	37.88	37.88	37.88	38.24	9 00	40.29	12 00	37.31	2.98	27
38.36	38.79	38.51	38.36	38.36	38.22	38.08	37.94	38.08	38.09	10 00	40.07	12 00	36.52	3.55	28
38.29	38.43	38.15	38.15	38.15	38.15	38.01	38.01	38.01	38.39	9 50	41.41	13 00	37.44	3.97	29
37.78	38.49	38.35	38.78	38.64	38.49	38.35	38.21	38.07	37.84	10 25	39.63	14 00	35.65	3.98	30
37.85	38.28	38.28	38.28	38.14	38.28	38.14	38.00	38.14	38.24	9 45	40.55	14 05	37.29	3.26	31
38.76	38.86	38.64	38.62	38.56	38.47	38.38	38.32	38.26	38.38	----------	39.85	----------	37.19	2.66	--------
38.93	39.08	38.85	38.79	38.74	38.68	38.54	38.46	38.43	38.53	----------	39.72	----------	37.21	2.51	--------

FEBRUARY, 1913.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
37.63	38.62	38.62	38.48	38.34	38.34	38.20	38.20	38.20	37.87	17 24	38.76	13 00	36.49	2.27	1
38.27	38.41	38.55	38.55	38.41	38.27	38.27	38.13	38.13	38.49	10 00	39.83	7 00	37.56	2.27	2
39.04	39.18	38.75	38.61	38.47	38.33	38.33	38.19	38.19	38.23	16 39	39.32	7 29	37.05	2.27	3
39.25	38.97	38.82	38.68	38.68	38.68	38.54	38.54	38.54	38.43	14 00	39.82	8 00	37.55	2.27	4
38.89	38.61	38.61	38.47	38.47	38.47	38.47	38.47	38.61	38.47	14 00	39.46	8 00	37.33	2.13	5
39.66	38.81	38.67	38.67	38.53	38.39	38.24	38.24	38.24	38.56	15 24	39.80	7 00	36.82	2.98	6
39.01	38.73	38.73	38.59	38.45	38.30	38.30	38.16	38.16	38.50	11 28	39.58	7 00	37.31	2.27	7
38.94	38.79	38.79	38.79	38.65	38.65	38.65	38.65	38.65	38.40	13 33	39.08	6 44	37.09	1.99	8
39.00	39.14	39.00	39.00	38.85	38.85	38.57	38.57	38.57	38.48	17 00	39.14	8 47	37.43	1.71	9
38.91	38.91	39.06	38.77	38.77	38.77	38.63	38.34	38.20	38.65	11 16	39.48	6 51	37.49	1.99	10
38.12	38.83	38.83	38.69	38.69	38.69	38.54	38.54	38.69	38.50	12 00	39.26	15 00	37.98	1.28	11
39.46	39.60	39.32	38.89	39.03	38.89	39.17	38.75	38.60	38.84	17 00	39.60	7 00	38.18	1.42	12
38.81	39.23	39.09	38.95	38.81	38.81	38.95	38.81	38.66	38.47	17 00	39.23	7 00	37.53	1.70	13
38.58	39.29	39.01	38.44	39.15	38.16	38.16	38.72	38.72	38.71	17 08	39.43	21 39	37.88	1.55	14
38.93	39.07	39.07	39.07	39.07	39.07	39.07	38.78	39.07	38.71	14 00	39.78	7 10	37.51	2.27	15
38.70	38.99	38.99	38.99	39.13	39.13	39.13	38.99	38.84	38.73	12 00	39.27	7 00	37.71	1.56	16
38.76	39.19	39.19	39.19	39.19	39.19	39.05	39.05	39.05	38.80	11 00	39.33	6 21	37.91	1.42	17
38.63	38.77	39.05	39.19	39.19	39.05	39.19	39.19	39.19	38.88	11 28	39.89	7 11	37.91	1.98	18
38.63	38.91	39.48	39.19	39.05	38.91	38.77	38.77	38.91	38.95	12 00	39.76	13 51	37.92	1.84	19
39.05	38.77	38.91	39.05	39.05	39.05	39.05	39.05	39.19	39.06	12 00	40.05	7 00	38.20	1.85	20
39.48	39.34	38.91	38.77	39.05	39.05	38.91	39.05	39.19	39.00	11 00	39.62	7 20	37.78	1.84	21
39.48	39.34	39.05	39.05	39.19	39.19	39.05	39.05	39.05	38.85	14 14	40.04	7 17	36.64	3.40	22
39.34	39.34	39.34	39.19	39.19	39.19	39.05	39.05	39.05	38.95	14 13	39.62	7 00	37.49	2.13	23
39.34	39.05	39.19	39.19	39.05	39.19	39.05	39.05	39.05	38.96	16 00	39.34	7 00	38.20	1.14	24
38.91	39.05	39.05	39.48	39.05	38.91	38.91	39.05	39.34	38.95	12 22	39.76	7 00	38.06	1.70	25
39.19	39.34	39.34	39.05	38.91	39.05	38.77	39.19	39.05	39.03	3 36	40.04	8 00	37.77	2.27	26
39.90	39.48	38.91	39.19	39.05	39.05	39.05	38.91	38.91	38.93	16 00	39.90	7 00	37.63	2.27	27
38.91	39.34	39.19	38.91	38.77	38.77	38.63	38.48	38.48	38.53	17 00	39.34	9 00	37.49	1.85	28
38.96	39.04	38.98	38.90	38.87	38.80	38.74	38.71	38.73	38.68	----------	39.55	----------	37.57	1.98	--------
39.18	39.18	39.06	38.92	38.83	38.83	38.72	38.66	38.66	38.62	----------	39.49	----------	37.56	1.98	--------

HOURLY VALUES OF DECLINATION.

MARCH, 1913.

0° East plus tabular quantities.

DAY.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1[a]	38.63	38.63	38.77	38.77	38.77	38.48	38.06	38.20	38.77	38.77	38.63	38.77	38.77	39.05	39.76
2[a]	39.05	38.91	38.91	38.77	38.63	38.34	38.48	39.05	39.19	39.34	39.48	39.34	38.77	38.63	39.05
3	38.77	38.77	38.63	38.63	38.63	38.34	38.06	38.63	39.19	39.05	39.19	39.19	38.77	39.05	39.34
4	38.91	39.05	39.05	39.19	39.05	38.79	38.63	38.91	39.05	38.91	38.63	38.77	38.34	38.48	38.91
5	38.79	38.79	38.79	38.93	38.93	39.07	39.36	39.64	39.64	39.21	39.21	38.79	38.22	38.65	38.79
6	39.09	39.09	39.23	39.23	39.09	38.95	38.81	39.52	39.66	39.66	39.23	38.24	37.25	37.39	37.96
7	38.97	39.11	39.11	39.11	38.97	39.11	39.54	40.39	40.67	39.96	39.54	38.97	38.26	38.26	38.83
8	38.85	38.85	38.99	38.99	38.85	38.85	38.71	39.13	39.70	39.70	39.70	39.13	38.56	38.14	38.28
9	39.01	39.01	39.01	39.01	38.87	38.30	38.02	38.30	38.87	39.15	39.29	38.58	37.45	37.73	38.44
10[a]	38.89	39.03	39.03	38.03	38.89	38.46	38.32	38.60	39.17	39.60	40.31	39.60	37.89	37.75	38.60
11	39.19	39.19	39.19	39.19	39.19	39.05	38.62	38.62	38.48	38.34	38.91	39.05	38.48	38.20	38.48
12	39.07	39.21	39.35	39.35	39.21	39.07	39.07	39.64	40.35	40.63	40.35	39.78	39.35	38.93	39.07
13	38.95	38.95	38.95	38.95	38.95	38.81	39.37	40.08	40.79	40.65	40.23	39.52	39.09	39.52	40.08
14	38.97	39.11	39.11	39.11	38.97	38.83	38.68	39.11	39.54	39.54	39.39	39.25	39.11	38.97	39.68
15	39.41	39.41	39.41	39.27	38.99	38.85	38.56	38.42	38.14	37.57	37.57	37.85	37.85	37.71	38.42
16	39.29	39.29	39.15	39.29	39.15	38.87	38.87	39.29	39.43	39.86	40.29	39.86	39.29	39.29	39.43
17	39.31	39.60	39.45	39.31	39.03	39.17	39.03	39.03	39.03	39.31	38.46	38.18	38.03	38.03	38.46
18	39.45	39.31	38.89	39.03	39.31	39.17	39.03	39.03	39.17	39.31	39.45	38.74	38.18	38.46	39.03
19	39.32	39.46	39.46	39.32	39.18	39.04	39.04	40.03	40.46	40.74	40.60	39.46	38.47	38.19	38.47
20	39.33	39.33	39.33	39.33	39.33	39.19	39.76	40.61	41.32	41.32	40.75	39.90	39.33	39.05	39.76
21	39.77	39.77	39.77	39.77	39.63	39.34	39.77	40.19	40.90	41.33	40.62	39.77	38.49	38.63	39.06
22	39.49	39.35	39.21	39.35	39.21	39.35	39.92	40.63	41.34	41.62	41.20	40.06	39.35	39.07	39.07
23	39.50	39.50	39.50	39.50	39.22	38.94	39.22	39.50	40.07	40.64	40.07	39.08	38.94	39.08	39.36
24	39.80	39.51	39.66	39.37	39.23	39.09	39.23	39.80	39.94	39.94	39.66	38.66	38.09	37.95	38.38
25	39.24	39.38	39.38	39.38	39.24	38.81	39.10	39.38	39.81	40.38	39.24	38.53	37.96	38.39	39.10
26[a]	39.53	39.53	39.39	39.39	39.25	38.97	38.54	38.97	39.11	38.82	39.11	39.25	38.82	38.97	39.25
27[a]	39.54	39.54	39.69	39.69	39.40	39.12	39.40	40.25	40.96	41.53	41.11	39.83	39.12	38.55	39.25
28	39.27	39.41	39.70	39.55	39.41	39.13	39.41	39.70	39.98	39.98	39.70	39.13	38.56	38.28	38.99
29	39.42	39.56	39.56	39.42	39.28	39.14	39.42	39.71	39.99	39.99	39.85	39.85	39.42	39.00	39.14
30	39.43	39.57	39.86	39.57	39.72	39.43	39.86	40.00	40.00	40.00	40.14	39.72	38.72	38.72	39.29
31	39.58	39.58	39.73	39.58	39.44	39.30	39.58	40.01	40.15	39.87	39.16	38.59	38.16	38.02	38.16
Mean	39.22	39.25	39.27	39.24	39.13	38.95	39.02	39.43	39.77	39.83	39.65	39.14	38.55	38.52	38.96
Mean[a]	39.13	39.13	39.16	39.13	38.99	38.67	38.56	39.01	39.44	39.61	39.73	39.36	38.67	38.59	39.18

APRIL, 1913.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	40.02	39.88	40.02	39.74	39.45	39.74	40.02	40.59	40.16	40.30	39.74	39.17	38.17	38.60	39.45
2	40.16	40.16	40.30	40.16	40.02	39.88	39.74	40.02	40.30	40.45	40.02	39.59	39.03	38.60	39.17
3	39.46	39.60	39.60	39.60	39.46	39.46	39.75	40.17	40.03	39.75	39.46	38.04	37.33	37.76	38.61
4	39.61	39.76	39.90	39.90	39.61	39.76	40.61	41.32	41.60	41.60	40.89	39.47	38.48	38.48	39.19
5	39.63	39.63	39.92	39.78	39.49	39.49	39.35	40.06	39.92	39.49	38.50	37.08	36.37	36.65	37.79
6[a]	39.22	39.22	39.36	39.36	39.36	39.50	40.64	41.49	41.92	41.35	40.50	38.93	37.66	37.23	38.08
7	39.51	39.65	39.65	39.51	39.37	39.37	40.22	41.07	41.36	41.22	39.65	38.38	37.52	37.81	38.52
8	39.66	39.81	39.81	39.52	39.38	39.24	40.09	41.08	41.79	42.22	41.37	39.52	38.67	38.81	39.52
9	39.82	39.96	39.96	40.10	39.96	40.10	40.81	40.81	40.53	40.10	39.96	39.25	38.40	38.68	38.82
10	40.54	40.39	40.11	40.11	39.97	40.11	40.39	40.39	39.83	39.40	39.26	38.83	38.55	38.69	38.69
11	39.84	39.98	39.98	39.84	39.55	39.69	40.12	40.83	41.11	40.97	40.12	39.13	38.84	38.42	38.70
12	39.85	39.99	39.99	40.13	39.85	39.28	39.42	39.56	39.85	40.41	40.56	39.70	38.99	38.71	38.85
13	40.14	40.00	40.00	39.86	39.71	39.57	39.43	39.71	40.42	40.71	40.14	38.58	37.87	38.01	38.72
14	39.58	39.72	39.87	40.01	39.72	39.87	40.29	40.72	41.00	40.72	40.43	40.15	39.30	38.87	38.73
15	40.02	40.02	39.88	39.73	39.59	39.88	39.59	39.17	38.74	38.60	38.17	37.89	37.60	37.89	38.31
16	39.60	39.74	40.03	39.89	39.74	39.60	40.17	40.74	41.31	41.02	40.17	38.89	38.75	38.75	39.18
17	40.03	40.03	40.17	40.17	40.03	40.17	40.88	40.88	40.45	40.17	39.18	38.75	38.89	39.32	39.46
18	39.76	39.91	40.05	39.91	39.76	40.05	40.62	40.47	40.19	39.91	39.34	39.20	38.91	38.77	39.05
19	39.63	39.77	39.92	40.06	40.06	40.20	40.63	40.48	40.48	40.63	39.63	39.21	38.50	38.64	39.49
20[a]	39.65	39.79	40.08	40.22	40.08	40.36	40.50	40.22	39.65	39.23	38.37	37.95	38.37	38.80	39.37
21[a]	39.67	39.81	39.96	40.10	40.10	40.24	40.67	40.38	40.24	39.67	38.82	38.54	38.96	39.39	39.81
22[a]	39.68	39.68	39.97	40.11	40.11	40.25	40.25	39.97	39.40	38.69	38.26	37.98	37.84	38.83	39.40
23	39.70	39.84	39.84	39.99	40.13	40.41	40.41	39.99	39.42	38.85	38.28	37.29	36.58	37.43	38.42
24	39.71	40.00	40.14	40.14	40.28	40.42	40.99	40.71	40.42	39.43	38.72	38.15	38.29	39.00	40.14
25	39.87	39.87	40.02	40.16	40.16	40.30	40.41	40.16	39.73	38.88	38.03	37.74	38.03	38.60	38.88
26[a]	39.75	39.75	39.89	40.04	39.89	40.18	40.75	40.89	40.89	40.04	39.04	38.47	38.33	38.90	39.33
27	39.62	39.76	39.90	39.90	40.19	41.04	41.61	41.32	41.04	40.47	39.05	38.63	38.34	38.34	38.48
28	40.07	40.07	40.21	40.35	40.21	40.49	40.92	40.92	40.78	40.07	39.36	38.22	37.65	37.79	38.50
29	39.93	40.08	40.22	40.08	39.93	40.36	40.93	40.79	40.50	40.36	39.37	38.23	38.23	38.51	38.51
30	39.67	39.81	39.67	39.67	39.81	40.24	39.81	39.53	38.96	38.11	37.40	36.83	37.26	38.11	38.96
Mean	39.78	39.86	39.95	39.94	39.83	39.98	40.34	40.48	40.40	40.09	39.39	38.59	38.19	38.41	38.94
Mean[a]	39.59	39.65	39.85	39.97	39.91	40.11	40.56	40.59	40.42	39.80	39.00	38.37	38.23	38.63	39.20

[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

MARCH, 1913. 0° East plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.76	39.34	39.19	39.05	39.05	39.05	38.91	38.91	38.91	38.88	15 05	39.90	7 00	38.06	1.84	1
39.48	39.19	38.91	39.05	39.05	39.05	38.91	38.77	38.77	38.96	16 15	39.62	6 25	38.20	1.42	2
39.48	39.34	39.19	39.34	39.19	39.05	38.91	38.91	38.91	38.94	16 00	39.48	7 00	38.06	1.42	3
39.05	39.05	39.19	39.05	39.05	39.19	39.05	38.91	38.77	38.92	20 35	39.33	13 00	38.34	0.99	4
38.93	39.07	39.07	39.21	39.21	39.21	39.07	39.07	39.07	39.03	8 05	39.78	13 00	38.22	1.56	5
38.67	39.09	39.66	39.52	39.23	39.23	39.09	38.95	38.81	38.94	9 50	39.80	13 00	37.25	2.55	6
39.11	39.25	39.25	39.40	39.40	39.11	38.97	38.97	38.83	39.21	9 00	40.67	12 55	38.12	2.55	7
38.85	39.13	39.27	39.27	39.13	39.13	38.99	38.85	38.85	39.00	9 50	39.84	14 00	38.14	1.70	8
39.15	39.29	39.44	39.29	39.01	38.87	38.87	38.87	38.87	38.78	18 00	39.44	13 00	37.45	1.99	9
39.31	39.74	39.60	39.46	39.17	39.03	39.03	39.03	39.03	39.02	11 00	40.31	14 00	37.75	2.56	10
38.91	39.33	39.48	39.48	39.33	39.19	39.05	39.05	39.05	38.96	17 50	39.62	14 00	38.20	1.42	11
39.21	39.21	39.35	39.35	39.21	39.07	38.93	38.93	38.93	39.36	10 00	40.63	14 00	38.93	1.70	12
40.23	39.80	39.37	39.09	38.95	38.95	38.95	38.95	38.95	39.42	9 00	40.79	6 00	38.81	1.98	13
40.10	40.25	39.11	38.97	39.11	39.25	39.25	39.39	39.25	39.25	17 00	40.25	7 00	38.68	1.57	14
39.27	39.70	38.99	39.13	39.27	39.13	38.99	38.99	39.13	38.75	17 00	39.70	10 25	37.43	2.27	15
39.58	39.72	39.15	39.29	39.29	39.29	39.29	39.15	39.29	39.36	11 00	40.29	6 50	38.73	1.56	16
39.17	39.60	39.31	39.17	39.17	39.31	39.17	39.03	39.31	39.03	16 35	39.74	13 30	37.89	1.85	17
39.03	39.31	39.31	39.31	39.31	39.45	39.31	39.31	39.31	39.13	21 30	39.59	13 00	38.18	1.41	18
39.18	39.89	39.75	39.61	39.46	39.46	39.46	39.46	39.32	39.45	10 00	40.74	14 00	38.19	2.55	19
40.18	39.90	39.33	39.33	39.33	39.33	39.33	39.47	39.62	39.73	9 35	41.46	14 00	39.05	2.41	20
39.77	39.91	39.77	39.48	39.34	39.34	39.91	39.77	39.63	39.74	10 00	41.33	13 00	38.49	2.84	21
39.35	39.78	39.49	39.35	39.21	39.21	39.35	39.35	39.35	39.69	10 00	41.62	14 50	38.93	2.69	22
39.50	39.79	39.79	39.36	39.22	39.36	39.36	39.36	39.36	39.47	10 00	40.64	12 25	38.80	1.84	23
39.09	39.37	39.51	39.37	39.37	39.37	39.23	39.23	39.23	39.25	9 05	40.08	14 00	37.95	2.13	24
39.95	40.23	40.09	39.67	39.52	39.52	39.38	39.24	39.38	39.35	10 00	40.38	13 00	37.96	2.42	25
39.68	40.10	40.10	39.82	39.68	39.68	39.68	39.68	39.68	39.38	17 50	40.24	7 00	38.54	1.70	26
40.11	40.40	39.97	39.69	39.54	39.54	39.54	39.40	39.26	39.77	10 35	41.67	14 00	38.55	3.12	27
39.41	39.70	39.84	39.55	39.41	39.41	39.41	39.41	39.41	39.41	9 55	40.12	14 00	38.28	1.84	28
39.71	39.99	39.85	39.42	39.28	39.28	39.28	39.42	39.42	39.52	17 45	40.13	14 00	39.00	1.13	29
39.86	39.72	39.57	39.43	39.29	39.29	39.43	39.43	39.43	39.56	11 00	40.14	13 35	38.58	1.56	30
39.02	39.73	40.01	39.87	39.73	39.73	39.44	39.73	39.87	39.42	9 00	40.15	14 00	38.02	2.13	31
39.42	39.61	39.48	39.37	39.27	39.26	39.21	39.19	39.19	39.25	----------	40.24	----------	38.28	1.96	--------
39.67	39.75	39.55	39.41	39.30	39.27	39.21	39.16	39.13	39.20	----------	40.35	----------	38.22	2.13	--------

APRIL, 1913. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
40.02	40.30	40.16	40.02	40.02	39.88	39.88	40.02	40.02	39.81	8 00	40.59	13 00	38.17	2.42	1
39.45	39.74	39.59	39.45	39.31	39.31	39.31	39.45	39.45	39.69	10 00	40.45	14 00	38.60	1.85	2
39.60	39.75	39.60	39.46	39.32	39.18	39.32	39.32	39.46	39.30	8 00	40.17	13 00	37.33	2.84	3
39.76	39.90	39.76	39.47	39.61	39.47	39.47	39.61	39.76	39.87	10 10	41.74	13 35	38.34	3.40	4
39.07	39.78	39.78	39.63	39.49	39.49	39.49	39.35	39.21	39.10	8 00	40.06	13 00	36.37	3.69	5
39.36	40.07	40.07	39.79	39.64	39.64	39.64	39.50	39.50	39.63	9 00	41.92	14 00	37.23	4.69	6
39.23	39.94	39.80	39.65	39.65	39.51	39.51	39.51	39.51	39.55	9 00	41.36	13 00	37.52	3.84	7
39.95	40.66	40.23	39.95	39.66	39.52	39.52	39.52	39.66	39.96	10 00	42.22	13 00	38.67	3.55	8
39.25	39.53	39.39	39.53	39.11	38.96	39.25	38.68	39.11	39.59	7 55	40.95	13 00	38.40	2.55	9
38.83	39.40	39.26	39.54	39.54	39.40	39.40	39.54	39.97	39.59	1 00	40.54	13 00	38.55	1.99	10
38.84	39.13	39.27	39.41	39.55	39.27	39.55	39.69	39.69	39.65	9 00	41.11	14 00	38.42	2.69	11
39.56	40.13	39.99	39.70	39.56	39.56	39.56	39.85	40.13	39.72	11 00	40.56	13 50	38.57	1.99	12
39.43	39.86	39.71	39.57	39.71	39.57	39.57	39.57	39.57	39.56	10 00	40.71	13 00	37.87	2.84	13
39.30	39.44	39.58	39.72	39.58	39.44	39.58	39.72	39.87	39.80	9 00	41.00	15 00	38.73	2.27	14
39.02	39.73	39.59	39.81	39.31	39.31	39.31	39.45	39.59	39.15	1 35	40.16	12 40	37.46	2.70	15
39.89	40.17	39.89	39.74	39.60	39.60	39.60	39.46	39.74	39.80	9 00	41.31	13 30	38.61	2.70	16
40.03	40.45	40.17	39.74	39.60	39.46	39.60	39.46	39.74	39.87	7 15	41.02	12 00	38.75	2.27	17
39.76	40.05	39.91	39.76	39.62	39.48	39.48	39.48	39.62	39.71	6 55	40.76	14 00	38.77	1.99	18
40.06	40.48	40.20	39.77	39.49	39.49	39.35	39.49	39.63	39.80	7 00	40.63	13 00	38.50	2.13	19
40.22	40.22	39.94	39.65	39.51	39.37	39.37	39.37	39.51	39.58	7 00	40.50	12 00	37.95	2.55	20
40.10	40.38	39.81	39.81	39.53	39.39	39.39	39.39	39.53	39.74	7 00	40.67	12 00	38.54	2.13	21
40.11	40.39	40.11	39.82	39.54	39.54	39.54	39.54	39.68	39.53	17 00	40.39	13 00	37.84	2.55	22
39.42	39.84	39.70	39.56	39.42	39.42	39.56	39.56	39.70	39.28	6 40	40.55	13 00	36.58	3.97	23
40.42	40.28	40.00	39.85	39.57	39.57	39.43	39.43	39.57	39.78	7 00	40.99	12 00	38.15	2.84	24
39.45	39.73	40.02	39.87	39.73	39.59	39.45	39.31	39.45	39.48	7 00	40.44	12 00	37.74	2.70	25
40.18	40.46	40.04	39.61	39.47	39.33	39.33	39.47	39.47	39.73	8 30	41.03	13 00	38.83	2.20	26
39.05	39.76	39.62	39.34	39.48	39.62	39.48	39.76	39.90	39.74	7 00	41.61	13 05	38.20	3.41	27
39.50	39.78	39.64	39.78	39.64	39.78	39.64	39.78	39.78	39.71	7 10	41.06	13 00	37.65	3.41	28
39.37	39.65	39.79	39.65	39.51	39.65	39.65	39.65	39.65	39.69	7 00	40.93	12 10	38.09	2.84	29
40.10	40.38	40.10	39.95	39.95	39.95	39.95	39.95	40.10	39.34	17 00	40.38	12 00	36.83	3.55	30
39.61	39.98	39.82	39.67	39.56	39.49	39.51	39.53	39.65	39.62	----------	40.86	----------	38.04	2.82	--------
39.99	40.30	39.99	39.74	39.54	39.45	39.45	39.45	39.54	39.64	----------	40.90	----------	38.08	2.82	--------

HOURLY VALUES OF DECLINATION.

MAY, 1913.

0° East plus tabular quantities.

DAY.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.97	40.12	40.26	40.40	40.26	40.83	41.82	41.54	40.68	39.12	38.13	37.70	37.70	37.99	38.84
2	39.84	40.13	39.98	39.84	39.84	40.98	41.83	41.26	40.13	39.27	38.71	37.85	38.14	38.56	39.56
3	39.70	39.84	39.98	39.98	40.13	40.98	41.55	41.26	40.27	39.56	39.13	38.99	38.56	38.14	38.71
4	39.71	39.85	39.99	40.14	40.14	40.42	41.70	42.12	41.84	40.56	39.14	38.15	38.01	38.15	38.57
5	39.85	40.14	40.28	40.99	40.70	41.27	41.41	40.70	39.57	38.72	38.29	37.86	37.58	37.86	38.86
6	39.72	40.00	40.29	40.43	40.57	41.42	42.13	41.85	40.43	39.44	38.87	38.30	38.16	38.87	39.72
7	40.00	40.29	40.15	40.29	40.71	41.14	41.71	41.28	40.86	39.86	39.01	38.16	38.02	38.58	39.15
8	39.30	39.73	40.01	40.16	40.44	41.58	41.72	41.15	39.73	38.17	37.46	37.32	37.88	38.59	39.87
9	39.59	39.87	40.01	40.16	40.30	41.01	41.29	41.15	40.30	38.88	38.31	37.60	37.74	37.88	38.17
10	39.74	39.88	40.02	40.02	40.17	40.59	41.02	40.73	40.17	39.03	38.04	38.18	38.32	39.03	39.60
11	39.74	39.88	39.88	40.02	40.17	41.16	41.30	40.73	40.02	39.31	38.32	37.89	38.32	38.60	39.03
12	39.47	39.61	39.75	39.89	40.03	40.60	41.17	41.03	40.18	39.32	38.47	38.61	38.76	39.04	39.61
13	39.75	39.75	39.89	39.75	40.03	41.45	41.88	41.31	39.75	38.19	37.34	37.19	37.90	38.76	39.61
14 a	39.62	39.76	39.90	40.04	40.19	40.90	41.04	40.75	39.76	38.77	38.06	37.63	38.20	38.62	39.05
15	39.48	39.62	39.62	39.62	39.76	40.61	40.90	40.61	40.19	39.33	39.05	38.77	39.19	40.90	41.32
16	39.62	39.90	40.04	40.04	40.33	41.46	40.75	40.04	38.91	37.77	37.20	37.35	37.91	38.91	39.90
17	39.63	39.77	39.91	40.05	40.34	41.76	41.90	41.62	40.76	39.34	38.63	37.64	37.78	38.49	39.06
18	39.49	39.77	39.77	40.05	40.20	41.76	42.04	41.62	39.63	37.92	37.21	36.79	36.93	37.92	38.78
19	39.92	40.06	40.06	40.21	40.06	40.92	41.06	41.20	39.92	38.36	37.51	37.22	37.51	38.64	39.07
20 a	39.65	39.93	40.07	40.07	40.36	41.64	42.20	41.92	41.49	39.65	39.08	38.51	38.51	38.37	38.65
21 a	39.66	39.80	39.80	39.94	40.23	41.08	41.79	40.79	39.80	38.52	37.53	36.82	36.82	37.39	38.24
22 a	39.81	39.95	39.95	39.95	40.09	40.95	41.37	40.66	40.24	39.10	38.25	37.82	38.11	38.25	39.10
23 a	39.68	39.68	39.68	39.82	40.25	41.38	41.81	41.95	40.53	39.11	38.12	37.69	38.12	38.83	39.25
24	39.83	39.97	39.97	40.11	40.26	41.11	41.82	41.82	40.68	39.83	38.98	38.41	38.27	38.55	39.26
25	39.84	39.98	39.98	40.27	40.27	40.83	41.26	41.12	40.27	39.41	38.28	38.42	38.56	38.85	39.13
26	39.99	40.13	40.13	40.13	40.42	40.99	41.13	41.13	40.56	40.28	39.57	39.00	38.86	39.00	39.57
27	39.72	39.86	40.00	40.29	40.43	40.71	41.42	41.56	39.72	39.01	38.16	37.73	37.73	38.30	39.15
28	39.87	39.87	39.73	40.01	40.30	41.29	42.00	41.15	39.44	38.17	37.74	37.60	37.60	37.88	38.45
29	39.74	39.88	39.88	39.88	40.02	40.87	41.44	41.02	39.88	38.89	38.03	37.75	37.75	38.46	39.45
30	39.75	39.89	40.17	40.03	40.32	41.03	42.02	42.16	41.59	40.03	39.04	38.47	38.47	38.90	39.75
31	39.62	39.76	39.90	39.90	40.04	41.18	42.03	42.03	41.18	40.18	39.19	38.62	38.62	39.05	39.76
Mean	39.72	39.89	39.97	40.08	40.24	41.09	41.56	41.27	40.27	39.13	38.35	37.94	38.07	38.56	39.23
Mean a	39.68	39.82	39.88	39.96	40.22	41.19	41.64	41.21	40.36	39.03	38.21	37.69	37.95	38.29	38.86

JUNE, 1913.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.77	39.91	39.91	40.05	40.48	41.47	41.05	40.05	39.34	38.35	38.06	38.21	38.35	38.49	39.06
2	40.35	40.49	40.63	41.06	41.48	42.48	42.19	42.05	41.20	39.49	38.22	37.36	37.65	38.36	38.78
3	39.92	40.06	40.06	40.20	40.49	41.62	41.77	40.91	39.78	38.64	37.65	36.94	36.94	37.65	39.20
4	39.77	39.91	39.77	39.91	40.19	41.61	41.61	41.05	39.48	38.06	37.21	36.93	37.21	37.78	38.63
5	39.47	39.76	40.04	40.33	40.47	42.03	42.31	41.46	39.76	38.62	38.48	37.77	37.06	37.20	38.05
6	39.75	39.89	39.89	40.03	40.32	41.59	42.59	42.59	41.03	39.18	38.04	37.48	37.05	37.62	38.61
7 a	40.02	40.02	40.16	40.02	40.31	41.30	42.29	42.15	41.30	40.31	39.17	38.32	37.89	38.18	38.60
8 a	39.73	39.73	39.87	39.73	39.73	40.58	41.43	41.72	41.15	39.73	38.45	37.74	37.88	37.88	38.31
9	39.43	39.58	39.72	39.86	40.29	41.42	41.99	41.85	40.71	39.43	38.58	38.16	37.30	37.30	38.30
10	39.42	39.57	39.57	39.71	39.85	40.56	41.70	41.98	41.55	39.99	39.14	38.86	39.00	39.14	39.57
11 a	39.85	39.99	39.85	39.85	40.13	41.41	41.84	41.98	41.13	39.71	38.71	38.29	37.86	37.86	38.86
12 a	39.70	39.70	39.70	39.84	39.98	40.83	41.26	41.40	41.12	40.83	39.84	38.99	38.56	38.85	39.13
13	39.69	39.83	39.97	40.11	40.40	41.25	41.96	41.68	40.82	39.83	39.12	38.41	37.84	38.27	38.27
14	39.68	39.96	40.10	40.25	40.25	41.10	41.67	41.95	41.24	40.39	39.11	38.54	38.54	38.83	39.11
15	39.67	39.95	40.24	40.38	40.52	41.09	41.80	42.08	41.80	41.09	40.09	39.53	39.10	39.10	39.24
16	39.52	39.66	39.66	39.80	39.94	41.22	42.07	41.93	41.08	39.94	39.52	38.81	38.66	38.95	39.09
17	39.09	39.23	39.37	39.52	40.08	41.36	41.65	41.22	40.37	39.66	38.52	37.24	37.39	37.81	38.52
18	39.10	39.10	39.10	39.24	39.53	41.09	41.94	41.51	40.52	38.67	37.68	36.40	36.69	37.54	38.53
19	39.11	39.25	39.39	39.54	39.68	40.67	41.81	41.95	41.24	39.25	37.69	37.12	37.55	38.26	39.11
20	38.98	38.98	39.12	39.55	39.97	40.97	41.39	41.25	39.69	38.27	36.99	35.43	36.56	37.56	38.84
21	39.26	39.40	39.55	39.69	40.11	41.39	42.24	42.24	41.11	40.40	39.12	38.27	38.13	38.27	38.41
22	38.99	39.13	39.13	39.56	39.70	40.83	41.97	42.40	41.32	39.13	37.84	37.28	37.43	37.57	38.14
23	39.14	39.14	39.28	39.57	39.71	40.70	41.41	41.70	41.13	40.13	39.14	38.29	38.29	38.15	38.29
24	38.72	39.01	39.01	39.15	39.43	40.57	41.71	41.56	41.14	40.14	39.01	38.58	38.44	39.15	39.01
25	39.15	39.15	39.29	39.29	39.43	40.57	41.71	42.13	41.71	40.29	39.15	38.30	37.30	37.73	38.01
26	39.16	39.30	39.30	39.16	39.16	39.87	41.15	41.29	41.15	40.15	39.44	38.59	38.31	39.02	39.16
27 a	39.31	39.45	39.60	39.60	39.74	40.45	41.16	41.73	41.58	40.45	38.46	37.75	37.75	37.89	38.18
28	39.04	39.18	39.32	39.32	39.46	40.46	41.17	41.45	41.17	40.03	39.04	38.61	37.90	38.04	38.33
29	39.61	39.61	39.75	40.03	40.03	40.74	41.88	42.16	41.88	40.74	40.03	39.61	39.18	39.18	39.32
30	39.33	39.47	39.62	39.76	39.90	40.89	41.75	41.89	41.18	40.04	39.19	38.62	38.48	38.91	38.34
Mean	39.46	39.58	39.67	39.80	40.03	41.07	41.75	41.71	40.92	39.70	38.69	38.01	37.88	38.22	38.70
Mean a	39.72	39.78	39.84	39.81	39.98	40.91	41.60	41.80	41.26	40.21	38.93	38.22	37.99	38.13	38.62

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[a] Five international, quiet days.

HOURLY VALUES OF DECLINATION.

MAY, 1913.

0° East plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.55	39.97	39.55	39.41	39.41	39.26	39.41	39.41	39.55	39.62	7 00	41.82	12 25	37.56	4.26	1
39.98	40.27	40.13	39.98	39.84	39.56	39.56	39.70	39.70	39.78	7 00	41.83	12 00	37.85	3.98	2
39.13	39.84	39.84	39.98	39.70	39.42	39.42	39.56	39.56	39.72	7 00	41.55	14 00	38.14	3.41	3
39.85	40.28	39.71	39.57	39.43	39.28	39.57	39.71	39.85	39.82	8 00	42.12	13 00	38.01	4.11	4
40.28	40.28	39.71	39.85	39.43	39.28	39.43	39.57	39.71	39.65	7 20	41.55	13 00	37.58	3.97	5
40.29	40.43	39.72	39.44	39.44	39.58	39.44	39.58	39.86	39.92	7 00	42.13	13 00	38.16	3.97	6
39.72	40.15	40.00	39.86	39.72	39.44	39.29	39.15	39.15	39.82	7 30	41.85	13 00	38.02	3.83	7
40.44	41.01	40.30	39.87	39.73	39.59	39.45	39.45	39.45	39.68	7 00	41.72	12 00	37.32	4.40	8
38.74	39.45	39.73	39.59	39.59	39.73	39.59	39.73	39.59	39.50	7 00	41.29	12 00	37.60	3.69	9
39.74	39.88	39.74	39.60	39.60	39.46	39.46	39.60	39.60	39.63	7 00	41.02	11 00	38.04	2.98	10
39.60	39.74	39.60	39.74	39.60	39.46	39.31	39.17	39.31	39.58	6 35	41.44	12 00	37.89	3.55	11
40.18	40.32	39.61	39.61	39.32	39.47	39.47	39.61	39.75	39.70	7 00	41.17	11 00	38.47	2.70	12
40.03	40.32	39.61	39.32	39.18	39.18	39.32	39.32	39.47	39.51	7 00	41.88	12 00	37.19	4.69	13
39.48	39.48	39.62	39.48	39.19	39.19	39.05	39.33	39.48	39.44	7 00	41.04	12 00	37.63	3.41	14
41.04	40.33	39.76	39.33	39.19	39.05	39.19	39.33	39.48	39.82	15 30	41.46	12 00	38.77	2.69	15
40.61	40.47	39.76	39.62	39.48	39.33	39.48	39.62	39.62	39.50	6 00	41.46	11 00	37.20	4.26	16
40.20	40.48	39.77	39.49	39.34	39.49	39.49	39.34	39.49	39.74	7 00	41.90	12 00	37.64	4.26	17
39.63	40.05	39.77	39.63	39.49	39.06	39.06	39.49	39.77	39.41	7 00	42.04	12 00	36.79	5.25	18
39.92	40.35	40.21	40.06	39.78	39.64	39.64	39.64	39.64	39.61	8 00	41.20	12 00	37.22	3.98	19
39.22	39.93	39.79	39.79	39.65	39.51	39.51	39.51	39.65	39.86	7 00	42.20	14 00	38.37	3.83	20
39.09	39.80	39.80	39.80	39.66	39.66	39.66	39.66	39.66	39.38	7 00	41.79	12 10	36.68	5.11	21
40.38	40.66	39.95	39.67	39.67	39.67	39.67	39.67	39.67	39.69	7 00	41.37	12 00	37.82	3.55	22
39.68	40.10	39.68	39.68	40.25	39.68	39.54	39.54	39.68	39.74	8 00	41.95	12 00	37.69	4.26	23
39.97	40.11	39.69	39.69	39.69	39.69	39.69	39.69	39.69	39.87	7 50	41.96	13 00	38.27	3.69	24
39.70	39.84	39.56	39.84	39.98	39.84	39.70	39.70	39.84	39.77	7 00	41.26	11 20	38.14	3.12	25
39.99	39.99	39.57	39.71	39.71	39.71	39.71	39.57	39.71	39.94	7 40	41.27	13 00	38.86	2.41	26
39.43	39.86	39.72	39.58	39.72	39.58	39.72	39.43	39.72	39.61	8 00	41.56	12 55	37.59	3.97	27
39.16	39.87	39.87	39.87	39.73	39.73	39.59	39.59	39.73	39.51	6 50	42.14	12 50	37.46	4.68	28
40.02	40.02	39.88	39.74	39.74	39.74	39.74	39.60	39.60	39.63	7 10	41.58	12 25	37.61	3.97	29
39.75	39.89	39.32	39.61	39.75	39.75	39.61	39.46	39.61	39.93	8 00	42.16	12 20	38.33	3.83	30
40.47	40.61	40.18	39.90	39.90	39.76	39.76	39.62	39.62	40.04	7 50	42.17	10 10	38.48	3.69	31
39.85	40.12	39.78	39.69	39.61	39.51	39.50	39.53	39.62	39.69	----------	41.67	----------	37.82	3.85	--------
39.57	39.99	39.77	39.68	39.68	39.54	39.49	39.54	39.63	39.62	----------	41.67	----------	37.64	4.03	--------

JUNE, 1913.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
40.05	40.05	39.48	39.34	39.19	39.19	39.19	39.63	40.05	39.53	6 00	41.47	11 55	37.92	3.55	1
39.64	39.64	39.49	39.49	39.49	39.35	39.35	39.49	39.78	39.90	6 13	42.76	12 23	37.22	5.54	2
39.92	40.06	39.49	39.20	39.20	39.35	39.35	39.49	39.64	39.48	6 32	42.05	12 27	36.80	5.25	3
39.48	39.77	39.34	39.63	39.48	39.34	39.19	39.19	39.34	39.33	6 31	41.75	11 47	36.79	4.96	4
39.18	40.47	40.33	39.76	39.62	39.62	39.76	39.76	39.76	39.63	7 00	42.31	13 14	36.78	5.53	5
39.46	40.17	39.75	39.46	39.46	39.46	39.61	39.75	39.89	39.69	6 56	42.78	13 00	37.05	5.68	6
39.03	39.60	39.88	39.45	39.31	39.45	39.45	39.60	39.60	39.81	7 00	42.29	13 00	37.89	4.40	7
39.02	39.73	39.87	39.59	39.59	39.59	39.44	39.30	39.30	39.55	7 37	41.86	12 12	37.60	4.26	8
39.15	39.43	39.43	39.58	39.43	39.43	39.29	39.15	39.29	39.50	7 00	41.99	13 09	37.16	4.83	9
39.85	39.85	39.71	39.57	39.28	39.42	39.57	39.57	39.71	39.84	8 00	41.98	12 00	38.86	3.12	10
39.57	40.28	39.71	39.42	39.42	39.57	39.71	39.71	39.71	39.77	8 00	41.98	13 23	37.72	4.26	11
39.56	39.98	39.84	39.56	39.27	39.13	39.27	39.41	39.56	39.80	8 00	41.40	13 00	38.56	2.84	12
38.27	38.69	39.12	39.26	39.12	39.12	39.26	39.40	39.55	39.55	7 00	41.96	13 00	37.84	4.12	13
39.25	39.39	39.25	39.25	39.25	39.11	39.11	39.25	39.54	39.76	8 00	41.95	12 26	38.40	3.55	14
39.53	39.81	39.53	39.24	39.10	39.10	39.10	39.10	39.38	39.98	8 00	42.08	13 27	38.96	3.12	15
39.52	39.37	39.23	39.09	39.09	39.09	39.09	39.09	39.09	39.69	7 00	42.07	13 00	38.66	3.41	16
39.66	39.80	39.37	39.09	39.09	39.09	39.09	39.09	39.09	39.35	7 00	41.65	12 34	37.10	4.55	17
39.10	39.24	39.10	39.10	39.10	39.10	39.10	39.10	39.10	39.11	7 00	41.94	12 00	36.40	5.54	18
39.96	40.10	39.54	39.25	39.11	38.97	38.97	38.97	38.97	39.39	7 27	42.23	12 09	36.98	5.25	19
39.69	39.97	39.40	39.12	39.12	39.12	39.12	39.12	39.12	39.06	7 00	41.39	12 00	35.43	5.96	20
39.12	39.12	39.12	39.12	38.98	38.84	38.98	39.12	39.12	39.55	7 32	42.38	13 00	38.13	4.25	21
38.99	39.27	39.13	38.99	39.13	39.13	39.13	39.13	39.13	39.26	8 00	42.40	12 00	37.28	5.12	22
38.86	39.00	39.00	39.14	39.14	39.00	39.00	38.86	38.57	39.36	7 12	41.84	14 21	37.87	3.97	23
39.01	39.15	38.87	38.87	38.87	38.87	39.01	39.15	39.15	39.40	7 11	41.85	13 00	38.44	3.41	24
38.44	39.01	38.87	38.87	38.87	38.87	38.87	39.01	39.15	39.30	8 00	42.13	13 00	37.30	4.83	25
39.02	39.02	38.88	39.02	39.02	39.02	39.16	39.16	39.30	39.41	8 00	41.29	12 44	38.17	3.12	26
38.60	39.17	39.03	39.03	38.89	38.89	38.89	38.89	38.89	39.31	8 00	41.73	12 10	37.61	4.12	27
38.90	39.18	39.18	39.18	39.18	39.18	39.18	39.32	39.46	39.39	8 00	41.45	13 12	37.76	3.69	28
39.46	39.18	39.04	38.90	38.61	38.61	38.75	39.04	39.18	39.77	8 28	42.44	19 43	38.47	3.97	29
38.76	39.19	39.05	39.19	39.05	39.05	39.05	39.05	39.19	39.54	8 00	41.89	15 00	38.34	3.55	30
39.27	39.56	39.37	39.26	39.18	39.17	39.20	39.26	39.35	39.53	----------	41.97	----------	37.65	4.32	--------
39.16	39.75	39.67	39.41	39.30	39.33	39.35	39.38	39.41	39.65	----------	41.85	----------	37.87	3.98	--------

HOURLY VALUES OF DECLINATION.

JULY, 1913.

0° East plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.20	39.48	39.63	39.63	39.77	40.05	40.48	40.90	40.62	40.05	39.20	38.92	38.77	38.92	39.20
2	39.35	39.49	39.64	39.35	39.35	40.20	41.20	40.91	40.06	38.64	37.79	37.51	37.51	37.65	38.22
3	39.64	39.78	39.78	39.78	39.92	40.49	41.77	42.05	41.34	40.35	39.07	38.78	38.64	38.78	39.21
4[a]	39.49	39.64	39.78	39.92	40.06	40.91	41.77	42.05	41.62	40.35	39.49	38.93	38.64	38.50	38.36
5	39.63	39.77	39.77	39.91	40.05	40.62	41.76	42.18	41.61	40.48	39.48	38.35	38.35	38.49	38.77
6	39.77	39.91	40.05	40.19	40.34	41.33	42.04	42.04	41.47	40.48	39.06	37.92	37.64	37.92	38.77
7	39.63	39.77	39.91	40.05	40.34	40.90	41.90	42.18	42.04	40.19	39.20	38.49	37.92	37.64	37.92
8	39.48	39.63	39.77	39.77	39.91	40.62	41.47	41.90	41.33	40.48	39.48	37.92	37.50	37.64	38.06
9[a]	39.63	39.63	39.48	39.48	39.48	40.19	41.05	42.04	41.90	41.47	40.48	39.06	38.35	37.64	38.21
10	(39.34)	(39.48)	(39.62)	(39.76)	(40.04)	(40.46)	(40.89)	41.19	41.19	41.19	40.05	38.77	38.21	38.21	38.35
11	39.62	39.76	39.90	39.76	39.47	40.18	40.75	40.89	40.33	39.47	38.91	38.20	37.77	38.20	38.91
12	39.33	39.47	39.62	39.47	39.47	40.33	41.04	41.18	40.89	39.76	39.05	37.77	38.05	38.05	38.20
13	39.47	39.76	39.76	40.04	39.90	41.04	41.46	41.60	40.61	39.90	38.48	37.77	38.05	38.34	38.62
14	39.47	39.47	39.62	39.76	40.33	41.18	42.03	42.17	41.18	39.62	38.05	37.63	38.05	38.34	39.19
15	39.62	39.62	39.76	39.76	39.90	40.75	41.89	41.75	41.46	40.47	39.76	39.33	38.34	38.48	38.76
16	39.47	39.62	39.62	39.76	39.90	41.18	41.60	41.18	40.18	39.62	39.33	38.62	38.91	39.19	39.33
17[a]	39.33	39.47	39.62	39.90	40.18	41.46	41.89	41.46	40.18	39.19	38.48	38.34	38.76	39.05	38.91
18	39.34	39.48	39.48	39.63	39.77	40.62	41.19	40.90	40.48	39.63	39.06	38.06	37.92	37.64	37.92
19[a]	39.35	39.49	39.64	39.78	39.92	40.49	41.34	41.77	41.34	40.49	39.07	38.64	38.78	38.93	39.35
20	39.22	39.36	39.50	39.65	39.79	40.36	41.21	41.63	41.49	40.92	40.36	39.36	38.94	38.79	39.08
21	39.66	39.66	39.51	39.66	39.80	40.93	41.79	41.93	41.22	40.65	39.66	38.52	38.24	37.67	38.09
22	39.10	39.24	39.24	39.38	39.67	40.52	41.51	41.65	41.23	40.66	40.23	39.81	39.24	39.38	39.52
23	39.11	39.25	39.39	39.53	39.82	40.95	41.81	41.24	40.67	39.39	38.97	38.40	38.26	38.82	39.11
24	39.26	39.26	39.40	39.54	39.83	40.96	41.96	41.96	40.54	38.41	37.98	38.27	38.41	38.55	38.98
25	39.27	39.41	39.55	39.70	39.84	40.69	41.54	40.97	39.84	38.99	38.84	38.99	38.42	37.85	38.13
26	39.99	39.99	39.99	40.13	40.27	41.27	41.98	41.69	41.27	39.71	38.43	38.00	38.29	38.43	38.71
27	39.72	39.86	39.86	40.00	40.14	40.99	41.70	41.85	40.71	39.29	39.01	38.44	37.87	38.01	38.44
28[a]	39.44	39.58	39.73	39.87	40.01	40.72	41.29	41.43	41.29	40.58	39.44	39.16	38.87	39.16	39.58
29	39.59	39.74	39.88	40.02	40.30	41.01	41.72	41.44	40.73	39.31	39.17	39.03	38.03	38.17	38.74
30	39.75	39.75	39.89	40.03	40.17	41.02	41.31	40.88	40.03	39.04	38.18	38.33	38.75	38.75	38.89
31	39.61	39.76	39.90	40.04	40.18	40.47	40.61	39.76	38.76	37.91	37.63	38.05	38.90	39.19	39.61
Mean	39.48	39.60	39.69	39.78	39.93	40.74	41.48	41.51	40.89	39.89	39.08	38.50	38.33	38.40	38.75
Mean[a]	39.45	39.56	39.65	39.79	39.93	40.75	41.47	41.75	41.27	40.42	39.39	38.83	38.68	38.66	38.88

AUGUST, 1913.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1[a]	39.91	40.05	40.05	40.19	40.48	41.47	41.90	41.33	40.19	39.34	38.20	37.78	38.06	38.63	39.20
2	39.48	39.62	39.77	39.91	40.05	41.33	41.33	40.48	39.34	38.91	37.78	37.07	37.21	37.92	39.06
3	39.37	39.51	39.65	39.80	40.08	41.50	42.21	41.07	40.22	38.94	38.23	37.52	37.81	38.38	39.37
4	39.54	39.54	39.68	39.68	39.83	41.39	42.38	42.24	41.39	39.68	38.41	37.55	37.41	37.84	38.41
5[a]	39.58	39.58	39.58	39.72	40.01	40.72	41.14	40.86	40.01	39.30	38.59	38.30	37.74	38.16	38.87
6	39.33	39.47	39.47	39.61	39.90	41.17	41.74	41.46	40.89	39.33	38.76	37.91	37.48	38.05	38.76
7	39.50	39.64	39.50	39.64	39.93	40.21	40.21	39.64	38.36	37.37	37.09	37.37	37.80	37.94	38.08
8	38.97	39.11	39.11	39.26	39.40	40.96	41.81	42.24	41.39	40.39	39.68	38.69	38.40	37.98	37.98
9	39.43	39.57	39.85	40.00	40.14	40.42	40.85	40.71	40.00	38.86	38.15	37.72	37.87	38.29	38.86
10	39.17	39.32	39.32	39.46	39.60	41.02	41.45	41.30	40.17	39.03	38.61	39.03	39.46	39.60	39.60
11	39.36	39.36	39.36	39.50	39.50	40.21	40.35	39.64	38.93	38.22	37.51	37.23	37.37	37.94	38.79
12	39.39	39.53	39.53	39.67	39.95	40.95	41.37	40.95	39.95	39.39	38.82	38.53	37.97	38.11	38.53
13	39.13	39.27	39.42	39.56	39.70	40.98	41.55	41.12	39.56	37.71	36.86	37.14	37.57	38.42	38.85
14	39.03	39.31	39.46	39.60	39.74	40.73	41.16	41.30	40.31	39.03	38.04	37.89	37.75	37.89	39.17
15	39.20	39.34	39.49	39.63	39.77	40.91	41.05	40.20	39.06	37.64	37.21	37.50	37.78	37.92	38.63
16	39.59	39.73	40.02	40.30	40.59	41.44	42.43	41.72	40.73	39.31	37.89	37.46	37.75	37.89	38.46
17	39.62	39.91	40.05	40.19	40.33	41.18	41.47	40.47	39.34	38.06	37.35	37.21	36.92	37.35	38.34
18	39.65	39.94	40.08	40.22	40.22	41.64	42.78	42.21	40.79	39.23	37.95	36.39	35.96	36.82	37.95
19	39.40	39.54	39.40	39.40	39.82	41.10	41.53	40.39	39.11	37.84	36.70	36.42	36.98	37.27	37.98
20[a]	39.42	39.42	39.42	39.56	39.70	40.55	41.83	42.26	41.55	39.70	37.57	36.58	36.44	36.87	37.71
21	39.59	39.73	39.73	39.87	40.02	41.01	41.86	42.29	41.44	39.45	37.74	36.61	36.04	36.75	38.03
22	39.34	39.48	39.62	39.76	40.05	40.33	42.03	42.60	41.75	40.33	38.63	37.35	36.92	37.35	38.20
23	39.51	39.65	39.79	39.79	39.79	40.36	41.64	41.92	41.50	40.50	38.94	37.66	36.10	35.96	37.24
24	39.39	39.53	39.53	39.39	39.53	39.81	41.23	41.66	40.66	39.24	37.97	37.54	37.40	37.26	37.82
25	39.70	39.84	39.84	39.98	40.13	40.69	41.69	41.83	40.98	39.56	38.99	38.56	38.14	37.57	37.71
26	39.30	39.16	39.45	39.59	39.87	40.44	40.44	39.59	38.45	37.60	37.32	37.46	38.17	38.45	38.88
27	39.48	39.62	39.90	40.04	40.19	40.61	40.75	40.33	39.33	38.34	37.77	37.63	38.06	38.62	39.33
28	39.50	39.64	39.78	39.78	39.92	40.35	39.92	39.50	39.07	38.50	37.51	37.22	37.37	38.08	39.07
29[a]	39.53	39.67	39.81	39.95	40.09	40.95	41.09	40.38	39.67	38.53	37.54	37.96	38.39	38.67	39.24
30[a]	39.56	39.70	39.70	39.84	39.98	40.55	40.69	40.83	39.84	38.56	37.57	37.28	37.57	38.56	39.41
31	39.59	39.73	39.87	39.87	40.01	41.29	41.01	40.15	38.59	37.74	36.46	36.18	36.46	37.46	38.73
Mean	39.44	39.56	39.65	39.77	39.95	40.85	41.38	41.05	40.08	38.89	37.93	37.51	37.50	37.87	38.59
Mean[a]	39.60	39.68	39.71	39.85	40.05	40.85	41.33	41.13	40.25	39.09	37.89	37.58	37.64	38.18	38.89

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[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

JULY, 1913.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.48	39.34	39.20	38.92	38.77	38.77	38.92	39.20	39.34	39.45	8 00	40.90	12 23	38.63	2.27	1
38.93	39.35	39.35	39.21	39.21	39.21	39.21	39.35	39.49	39.17	7 34	41.34	12 31	37.37	3.97	2
39.92	39.49	39.07	39.21	39.21	39.21	39.21	39.35	39.49	39.73	8 00	42.05	12 28	38.50	3.55	3
38.36	38.50	38.93	39.21	39.35	39.35	39.35	39.49	39.64	39.65	8 00	42.05	15 13	38.22	3.83	4
39.77	39.63	39.48	39.34	39.34	39.34	39.34	39.48	39.63	39.77	8 00	42.18	12 12	38.21	3.97	5
39.20	39.48	39.48	39.20	39.34	39.34	39.34	39.48	39.63	39.73	7 38	42.18	13 00	37.64	4.54	6
38.77	39.48	39.48	39.06	39.06	39.06	39.20	39.20	39.34	39.61	8 00	42.18	14 00	37.64	4.54	7
38.35	38.63	39.06	39.20	39.20	39.20	39.34	39.34	39.48	39.45	8 00	41.90	13 00	37.50	4.40	8
38.35	38.92	(39.48)	(39.48)	(39.34)	(39.20)	(39.34)	(39.34)	(39.34)	39.62	8 00	42.04	14 00	37.64	4.40	9
38.63	38.92	39.06	39.20	39.06	39.06	39.20	39.20	39.34	39.52	9 35	41.47	13 46	38.07	3.40	10
39.19	39.47	39.33	39.19	39.33	39.19	39.19	39.19	39.19	39.39	8 00	40.89	13 00	37.77	3.12	11
38.48	39.05	38.91	38.76	39.05	39.47	39.62	39.47	39.33	39.33	8 25	41.32	12 00	37.77	3.55	12
39.05	39.33	39.33	39.19	39.19	39.33	39.33	39.19	39.19	39.50	8 00	41.60	12 00	37.77	3.83	13
39.47	39.76	39.62	39.62	39.33	39.33	39.33	39.33	39.47	39.64	7 32	42.31	11 37	37.35	4.96	14
38.62	39.05	39.62	39.47	39.19	39.05	39.05	39.19	39.19	39.67	7 00	41.89	13 00	38.34	3.55	15
39.62	40.04	40.04	39.33	39.19	39.19	39.19	39.19	39.19	39.69	7 00	41.60	12 18	38.48	3.12	16
39.33	39.76	39.62	39.47	39.33	39.33	39.19	39.19	39.19	39.61	7 00	41.89	12 00	38.34	3.55	17
38.77	39.34	39.63	39.48	39.34	39.20	39.20	39.06	39.20	39.35	7 00	41.19	14 00	37.64	3.55	18
39.92	40.06	39.78	39.35	39.21	39.21	39.21	39.21	39.21	39.73	8 00	41.77	12 00	38.64	3.13	19
39.22	39.50	39.65	39.79	39.79	39.50	39.50	39.50	39.50	39.82	8 00	41.63	13 18	38.65	2.98	20
38.66	39.23	39.23	39.23	39.23	39.23	39.09	39.09	39.09	39.54	8 00	41.93	14 00	37.67	4.26	21
39.52	39.38	39.38	39.38	39.24	39.10	39.10	38.96	38.96	39.72	8 00	41.65	23 25	38.82	2.83	22
39.53	39.82	39.53	39.39	39.25	39.25	39.25	39.25	39.25	39.55	7 00	41.81	12 38	38.12	3.69	23
39.12	39.69	39.54	39.40	39.26	39.26	39.26	39.26	39.26	39.47	7 33	42.10	11 00	37.98	4.12	24
38.99	39.55	39.27	39.13	39.27	39.27	39.41	39.55	39.70	39.42	7 00	41.54	14 00	37.85	3.69	25
39.14	39.42	39.42	39.28	39.28	39.28	39.28	39.42	39.56	39.68	7 00	41.98	12 00	38.00	3.98	26
39.15	39.57	39.57	39.29	39.29	39.29	39.29	39.43	39.43	39.59	8 00	41.85	13 00	37.87	3.98	27
39.58	39.73	39.58	39.16	39.16	39.16	39.16	39.30	39.44	39.77	8 34	41.57	13 00	38.87	2.70	28
39.17	39.88	39.74	39.45	39.59	39.59	39.45	39.45	39.59	39.70	7 00	41.72	13 00	38.03	3.69	29
39.32	39.60	39.60	39.46	39.32	39.32	39.32	39.46	39.60	39.57	7 03	41.45	11 00	38.18	3.27	30
39.90	39.76	39.61	39.47	39.61	39.61	39.61	39.76	39.90	39.48	7 00	40.61	11 00	37.63	2.98	31
39.15	39.44	39.44	39.30	39.27	39.25	39.27	39.32	39.39	39.58	----------	41.70	----------	38.04	3.66	--------
39.11	39.39	39.48	39.33	39.28	39.25	39.25	39.31	39.36	39.68	----------	41.86	----------	38.34	3.52	--------

AUGUST, 1913.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.48	39.62	39.34	39.06	39.20	39.34	39.20	39.20	39.34	39.61	7 00	41.90	12 00	37.78	4.12	1
39.62	39.48	39.06	38.77	38.77	38.91	38.91	39.06	39.20	39.21	6 30	41.47	12 00	37.07	4.40	2
39.65	39.51	39.23	39.23	39.23	39.23	39.23	39.23	39.37	39.48	7 00	42.21	12 00	37.52	4.69	3
38.97	39.40	39.12	38.97	39.12	39.26	39.26	39.40	39.54	39.50	7 00	42.38	13 00	37.41	4.97	4
40.15	40.58	40.15	39.58	39.44	39.44	39.30	39.30	39.16	39.55	7 00	41.14	13 00	37.74	3.40	5
39.33	39.47	39.33	39.19	39.33	39.33	39.19	39.19	39.33	39.46	7 00	41.74	13 00	37.48	4.26	6
39.07	39.50	39.22	39.22	39.36	39.22	39.07	38.93	38.93	38.95	6 45	40.35	11 00	37.09	3.26	7
38.40	38.97	39.40	39.40	39.26	39.11	39.11	39.26	39.40	39.49	8 00	42.24	14 30	37.84	4.40	8
39.43	39.71	39.71	39.57	39.43	39.29	39.14	39.00	39.00	39.38	7 00	40.85	12 00	37.72	3.13	9
39.46	39.46	39.46	39.17	39.17	39.03	39.03	39.17	39.03	39.55	7 00	41.45	11 00	38.61	2.84	10
39.21	39.50	39.50	39.21	39.36	39.36	39.07	39.21	39.21	39.04	7 00	40.35	12 00	37.23	3.12	11
38.96	39.39	39.53	39.39	39.10	38.96	38.82	38.82	38.96	39.36	7 00	41.37	13 00	37.97	3.40	12
39.42	39.70	39.42	39.13	39.13	39.13	38.99	38.99	38.99	39.16	7 00	41.55	11 00	36.86	4.69	13
39.74	39.88	39.31	39.17	39.03	38.89	39.03	39.17	39.17	39.32	8 00	41.30	13 00	37.75	3.55	14
39.34	39.91	39.63	39.49	39.34	39.20	39.34	39.34	39.49	39.18	7 00	41.05	11 00	37.21	3.84	15
39.31	40.16	39.88	39.59	39.59	39.45	39.31	39.45	39.45	39.65	7 00	42.43	12 00	37.46	4.97	16
39.05	39.62	39.76	39.48	39.62	39.62	39.48	39.48	39.48	39.31	7 00	41.47	13 00	36.92	4.55	17
39.37	40.08	40.22	39.65	39.51	39.51	39.51	39.37	39.37	39.52	7 00	42.78	13 00	35.96	6.82	18
38.82	39.54	39.82	39.68	39.68	39.54	39.54	39.40	39.40	39.10	6 45	41.67	12 00	36.42	5.25	19
38.71	39.70	39.70	39.56	39.56	39.42	39.42	39.42	39.42	39.31	8 00	42.26	13 00	36.44	5.82	20
39.31	40.16	40.16	39.45	39.31	39.31	39.31	39.16	39.16	39.40	8 00	42.29	13 00	36.04	6.25	21
39.19	39.48	39.19	39.34	39.34	39.34	39.19	39.34	39.34	39.48	8 00	42.60	13 00	36.92	5.68	22
38.37	38.94	39.08	38.94	38.94	39.08	39.08	39.22	39.37	39.22	8 00	41.92	14 00	35.96	5.96	23
38.53	39.24	39.53	39.39	39.24	39.39	39.53	39.53	39.67	39.25	8 00	41.66	13 00	37.40	4.26	24
38.42	38.85	39.13	39.27	39.42	39.42	39.42	39.27	39.27	39.49	8 00	41.83	14 00	37.57	4.26	25
39.30	40.01	39.87	39.45	39.30	39.30	39.16	39.16	39.30	39.13	6 40	40.58	11 00	37.32	3.26	26
39.90	40.04	39.62	39.48	39.33	39.83	39.19	39.19	39.33	39.39	7 00	40.75	12 00	37.63	3.12	27
40.35	40.49	39.78	39.64	39.50	39.35	39.21	39.21	39.35	39.25	17 00	40.49	12 00	37.22	3.27	28
39.67	39.95	39.95	39.67	39.53	39.53	39.38	39.38	39.53	39.50	7 00	41.09	11 00	37.54	3.55	29
39.98	40.27	39.84	39.70	39.56	39.41	39.41	39.56	39.56	39.46	8 00	40.83	12 00	37.28	3.55	30
39.73	40.15	39.73	39.44	39.30	39.30	39.30	39.44	39.59	39.13	6 00	41.29	12 00	36.18	5.11	31
39.30	39.70	39.57	39.36	39.32	39.29	39.23	39.25	39.31	39.35	----------	41.52	----------	37.21	4.31	--------
39.60	40.02	39.80	39.51	39.46	39.43	39.34	39.37	39.40	39.49	----------	41.44	----------	37.35	4.09	--------

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1913.

0° East plus tabular quantities.

DAY.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.75	39.75	39.89	39.89	40.03	41.45	41.17	39.61	38.33	37.62	36.77	36.34	36.91	37.76	39.18
2	39.75	39.89	39.89	40.03	40.17	41.17	42.02	41.03	38.90	36.91	36.91	36.62	36.91	37.62	38.90
3	39.33	39.47	39.62	39.76	39.90	41.32	42.03	41.32	39.19	37.91	36.49	35.50	35.92	37.20	38.48
4 [a]	39.34	39.48	39.63	39.78	40.05	41.19	41.90	41.76	40.62	38.92	37.21	36.50	35.93	36.93	38.06
5	39.21	39.21	39.35	39.49	39.78	41.06	42.05	42.05	40.77	38.78	36.94	35.66	35.23	36.23	37.65
6	39.36	39.50	39.65	39.79	39.93	40.92	42.06	41.92	40.64	39.79	38.51	37.66	36.95	37.37	38.23
7	39.51	39.51	39.51	39.66	39.80	39.94	40.51	40.79	40.65	39.80	38.80	38.38	38.24	38.52	39.09
8	39.38	39.52	39.52	39.38	39.67	40.52	41.37	40.94	40.09	38.67	38.10	37.11	36.68	37.25	38.81
9	39.53	39.53	39.39	39.39	39.53	40.24	40.95	41.10	40.10	38.54	37.69	37.12	37.55	37.69	38.68
10	39.27	39.27	39.27	39.55	39.70	40.69	41.54	41.97	41.68	39.84	37.99	37.00	37.28	38.56	39.70
11	39.28	39.42	39.28	39.28	39.85	40.56	40.84	40.13	39.28	36.87	35.73	36.30	37.43	38.57	39.71
12	39.29	39.57	39.72	39.86	40.00	41.28	42.41	42.27	41.14	38.86	37.02	36.02	36.02	37.02	38.44
13	39.30	39.44	39.44	39.87	40.15	40.86	41.29	41.00	39.98	38.99	38.14	37.71	37.71	38.14	38.70
14 [a]	39.28	39.28	39.28	39.42	39.57	40.13	40.70	40.84	39.85	39.00	38.15	37.58	37.86	38.27	39.00
15	39.43	39.58	39.58	39.72	40.14	40.71	41.42	41.14	40.00	39.29	38.44	37.87	37.73	38.30	38.87
16	39.30	39.44	39.44	39.87	40.15	40.86	41.29	41.00	40.30	38.73	37.31	36.32	36.46	37.31	39.16
17	39.60	39.74	39.88	39.88	40.02	40.45	41.02	40.59	39.60	38.89	38.46	38.03	38.03	38.31	38.89
18	39.46	39.46	39.61	39.75	39.75	40.32	41.31	41.17	40.32	39.32	38.75	38.04	37.62	38.19	39.04
19	39.33	39.47	39.62	39.62	39.47	40.18	40.47	40.47	40.47	39.76	38.91	37.34	37.06	37.63	38.91
20 [a]	39.49	39.64	39.78	39.92	40.06	40.49	40.49	40.06	39.07	38.36	37.79	37.22	37.36	38.07	38.78
21	39.22	39.36	39.50	39.50	39.65	39.65	40.07	40.36	40.07	39.22	38.37	37.52	37.66	37.94	38.37
22	39.80	39.80	39.66	39.51	39.37	39.23	40.22	41.36	41.64	41.22	40.08	38.80	38.38	39.23	40.08
23	39.10	39.38	39.81	39.81	39.24	39.52	40.52	40.80	40.66	40.23	39.10	38.39	38.39	38.81	39.24
24	39.39	39.53	39.53	39.53	39.39	39.82	40.53	41.66	41.81	40.81	39.25	38.54	38.40	39.11	39.82
25	39.69	39.69	39.69	39.69	39.54	39.97	40.96	41.25	40.68	39.54	37.98	38.12	38.83	39.69	40.40
26	39.55	39.70	39.70	39.84	39.84	39.98	40.12	39.84	39.27	38.84	38.70	38.56	38.42	38.70	39.27
27 [a]	39.71	39.85	39.99	39.85	39.85	40.13	40.56	40.27	39.71	39.42	39.00	38.71	38.29	38.43	39.28
28	39.72	39.86	40.00	40.00	39.86	40.14	40.85	41.70	41.99	40.85	39.43	38.86	38.86	38.86	39.86
29 [a]	39.44	39.73	39.73	39.73	39.58	40.58	41.43	42.00	41.43	39.87	38.87	38.45	39.02	39.44	40.15
30	39.32	39.46	39.60	39.75	39.75	40.17	40.60	40.31	39.89	39.18	37.90	36.76	37.19	38.47	39.75
Mean	39.44	39.55	39.62	39.70	39.79	40.45	41.09	41.02	40.27	39.13	38.09	37.43	37.48	38.12	39.08
Mean [a]	39.45	39.60	39.68	39.74	39.82	40.50	41.02	40.99	40.14	39.11	38.20	37.69	37.69	38.23	39.05

OCTOBER, 1913.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.76	39.76	39.90	39.90	39.76	40.18	41.32	42.03	41.32	39.33	38.19	37.63	37.91	38.48	39.19
2 [a]	39.33	39.33	39.33	39.47	39.47	39.90	40.61	40.75	40.18	39.76	39.47	39.05	38.90	39.05	39.61
3 [a]	39.34	39.34	39.34	39.48	39.62	40.05	40.62	40.19	39.48	38.77	38.06	37.64	37.92	38.63	39.48
4	39.49	39.63	39.78	39.78	39.92	39.92	40.63	40.77	40.63	39.92	39.07	37.93	37.79	38.92	39.78
5	39.79	39.64	39.64	39.79	39.79	40.07	40.64	40.35	39.79	39.36	39.36	39.36	39.22	39.36	40.21
6	39.65	39.65	39.65	39.80	39.65	39.65	39.80	39.80	39.23	38.52	38.09	37.52	39.09	40.22	41.36
7	39.37	39.51	39.37	39.51	39.51	39.94	40.22	40.08	39.80	38.80	38.38	37.81	38.52	39.80	40.36
8	39.66	39.66	39.10	39.52	39.24	39.24	39.66	39.95	39.10	37.95	37.39	37.82	38.67	39.38	40.23
9	39.53	39.67	39.39	39.53	39.53	39.96	40.53	41.09	40.67	39.25	38.40	38.25	38.54	39.11	39.67
10	39.26	39.68	39.54	39.40	39.40	39.54	40.25	40.11	39.40	38.55	37.98	38.41	39.26	39.97	40.39
11	39.84	39.98	39.69	39.55	39.55	40.40	40.55	40.12	39.41	38.98	38.56	38.70	38.98	39.27	39.69
12	39.69	39.55	39.69	39.98	40.12	40.40	40.97	40.83	39.41	38.56	38.42	38.27	38.98	39.41	39.84
13	39.85	39.99	39.85	39.99	39.85	39.99	39.99	39.42	39.14	38.57	38.28	38.43	38.99	39.56	40.13
14	39.86	39.86	40.14	40.00	39.86	39.86	40.14	40.28	40.57	39.71	38.58	38.29	38.86	39.57	40.42
15	39.87	39.87	40.01	40.01	40.01	40.15	40.58	40.72	40.72	40.15	38.59	38.73	39.01	39.44	40.29
16	39.44	39.44	39.58	39.72	39.87	40.01	40.29	40.72	40.86	40.01	38.87	38.30	38.59	39.44	39.87
17	39.43	39.57	39.71	39.71	39.71	39.86	40.00	40.00	40.00	39.57	38.86	38.29	38.72	39.15	39.43
18	39.43	39.57	39.71	39.71	39.57	39.71	40.00	40.14	40.28	40.14	39.57	39.29	39.15	39.71	40.57
19	39.86	39,86	39.71	39.71	39.86	39.43	39.43	39.29	39.43	39.29	39.15	39.15	39.15	39.43	40.42
20	39.56	39.56	39.56	39.56	39.56	39.42	39.28	39.28	39.42	39.28	39.28	39.56	38.99	39.14	39.99
21	39.42	39.42	39.70	39.56	39.42	39.42	39.56	40.13	40.56	40.56	40.13	39.56	38.85	38.85	39.14
22	39.85	39.99	39.85	39.56	39.42	38.99	39.42	39.85	40.41	40.56	40.13	39.42	38.99	39.42	39.99
23 [a]	39.55	39.55	39.55	39.41	39.41	39.13	39.41	39.69	39.84	39.41	38.70	38.42	38.70	39.41	40.12
24 [a]	39.69	39.69	39.69	39.55	39.41	39.27	39.13	39.13	38.56	37.99	37.56	37.71	37.85	38.84	39.55
25	39.69	39.69	39.55	39.41	39.41	39.27	39.27	39.41	39.27	39.41	38.84	38.56	39.13	39.55	39.84
26	39.68	39.54	39.54	39.40	39.40	39.26	38.97	38.83	38.26	37.98	38.26	38.69	39.26	38.97	39.26
27	39.68	39.83	39.83	39.83	39.68	39.40	39.68	39.97	40.39	40.25	40.25	39.97	39.97	39.97	40.54
28 [a]	39.54	39.68	39.68	39.54	39.40	38.97	39.12	39.26	39.26	39.12	39.26	39.26	39.40	39.97	40.11
29	39.82	39.82	39.96	39.82	39.67	39.39	39.96	40.38	40.53	39.96	39.96	39.96	40.24	40.24	40.24
30	39.67	39.67	39.67	39.67	39.53	39.53	39.96	40.10	39.96	39.67	39.39	39.25	39.53	39.39	39.53
31	39.82	39.82	39.96	39.96	39.67	39.39	39.39	39.39	39.67	39.53	38.96	38.54	39.11	39.39	39.67
Mean	39.63	39.67	39.67	39.67	39.62	39.67	39.98	40.07	39.86	39.32	38.84	38.64	38.91	39.39	39.97
Mean [a]	39.49	39.52	39.52	39.49	39.46	39.46	39.78	39.80	39.46	39.01	38.61	38.42	38.55	39.18	39.77

[a] Five international quite days.

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1913.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
39.75	40.17	39.75	39.32	39.46	39.46	39.46	39.61	39.46	39.20	6	25	41.59	12	00	36.34	5.25	1
39.75	40.32	39.89	39.46	39.46	39.46	39.32	39.18	39.32	39.29	7	00	42.02	12	00	36.62	5.40	2
39.47	40.18	39.62	39.47	39.62	39.47	39.33	39.19	39.19	39.12	7	00	42.03	12	00	35.50	6.53	3
39.48	40.05	39.91	39.63	39.63	39.48	39.34	39.34	39.20	39.31	7	00	41.90	13	00	35.93	5.97	4
38.78	39.49	39.78	39.49	39.21	39.21	39.21	39.21	39.35	39.05	7	50	42.19	13	00	35.23	6.96	5
39.08	39.50	39.50	39.22	39.08	39.22	39.36	39.22	39.36	39.41	7	00	42.06	13	00	36.95	5.11	6
39.80	40.22	39.66	39.23	39.37	39.37	39.37	39.23	39.37	39.51	8	00	40.79	13	00	38.24	2.55	7
39,52	40.52	39.52	39.81	39.81	39.81	39.81	39.67	39.52	39.38	7	00	41.37	13	00	36.68	4.69	8
39.53	39.68	39.82	39.39	39.39	39.39	39.25	39.25	39.25	39.25	8	00	41.10	12	00	37.12	3.98	9
40.41	40.26	39.84	39.70	39.55	39.55	39.27	39.27	39.27	39.60	8	00	41.97	12	00	37.00	4.97	10
40.42	40.56	40.27	39.85	39.42	39.28	39.28	39.28	39.28	39.17	7	00	40.84	11	00	35.73	5.11	11
39.15	39.72	39.57	39.43	39.29	39.29	39.15	39.15	39.01	39.28	7	00	42.41	12	30	35.88	6.53	12
39.55	40.12	39.55	39.27	39.27	39.41	39.41	39.27	39.27	39.41	7	00	41.29	12	30	37.57	3.72	13
39.71	40.28	39.99	39.85	39.71	39.57	39.42	39.42	39.42	39.40	8	00	40.84	12	00	37.58	3.26	14
39.72	40.14	39.58	39.29	39.43	39.15	39.15	39.15	39.29	39.46	7	00	41.42	13	00	37.73	3.69	15
40.30	40.15	39.73	39.59	39.44	39.44	39.44	39.59	39.59	39.34	7	00	41.29	12	00	36.32	4.97	16
40.02	40.73	40.02	39.74	39.60	39.45	39.31	39.17	39.31	39.53	7	00	41.02	12	30	37.89	3.13	17
39.75	39.89	39.75	39.46	39.18	39.18	39.18	39.32	39.32	39.46	7	00	41.31	13	00	37.62	3.69	18
40.04	40.04	39.62	39.19	39.19	39.19	39.33	39.33	39.47	39.34	7	55	40.61	13	00	37.06	3.55	19
39.49	39.92	39.49	39.35	39.35	39.49	39.35	39.21	39.21	39.23	6	30	40.63	12	00	37.22	3.41	20
39.08	39.65	39.65	39.50	39.36	39.50	39.50	39.50	39.65	39.24	8	00	40.36	12	00	37.52	2.84	21
40.37	40.08	39.80	39.66	39.37	39.23	39.37	39.23	39.23	39.78	9	00	41.64	13	00	38.38	3.26	22
39.67	39.81	39.67	39.24	39.24	39.38	39.38	39.38	39.24	39.50	8	00	40.80	12	50	38.25	2.55	23
40.24	40.10	39.39	39.25	39.25	39.25	39.25	39.39	39.53	39.70	9	00	41.81	13	00	38.40	3.41	24
40.54	40.11	39,69	39.54	39.40	39.40	39.40	39.40	39 54	39.70	8	00	41.25	11	00	37.98	3.27	25
39.84	40.12	39.84	39.55	39.55	39.41	39.41	39.41	39.55	39.46	17	05	40.26	13	00	38.42	1.84	26
39.99	40.13	39.56	39.42	39.56	39.56	39.42	39.42	39.56	39.57	7	00	40.56	13	00	38.29	2.27	27
40.28	39.86	39.57	39.43	39.43	39.29	39.29	39.29	39.29	39.86	9	00	41.99	13	50	38.72	3.27	28
40.29	40.15	39.87	39.73	39.58	39.44	39.30	39.30	39.30	39.85	8	00	42.00	12	00	38.45	3.55	29
40.46	40.03	39.89	39.75	39.89	39.75	39.60	39.46	39.60	39.44	7	00	40.60	12	00	36.76	3.84	30
39.82	40.07	39.73	39.49	39.44	39.40	39.36	39.33	39.36	39.43	--------		41.33	--------		37.25	4.08	-------
39.79	40.11	39.76	39.60	39.57	39.51	39.37	39.34	39.34	39.47	--------		41.18	--------		37.49	3.69	-------

OCTOBER, 1913.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
40.04	40.47	39.90	39.76	39.61	39.47	39.33	39.33	39.33	39.66	8	00	42.03	12	00	37.63	4.40	1
39.90	39.90	39.90	39.61	39.33	39.33	39.33	39.33	39.33	39.59	8	00	40.75	13	00	38.90	1.85	2
40.19	40.48	39.91	39.91	39.77	39.91	39.62	39.48	39.48	39.45	7	00	40.62	12	00	37.64	2.98	3
40.34	40.20	39.92	39.63	39.49	39.63	39.63	39.78	39.78	39.68	8	00	40.77	13	00	37.79	2.98	4
40.64	40.35	39.93	39.50	39.64	39.64	39.64	39.79	39.50	39.79	7	55	40.78	12	50	39.08	1.70	5
41.64	40.51	39.80	39.37	39.94	39.65	39.51	39.37	39.37	39.62	16	00	41.64	12	00	37.52	4.12	6
41.07	40.79	39.94	40.22	39.65	39.80	39.65	39.51	39.65	39.64	16	00	41.07	12	00	37.81	3.26	7
40.52	39.95	39.81	39.66	39.66	39.52	39.66	39.66	39.66	39.36	15	50	40.66	11	00	37.39	3.27	8
39.96	39.82	39.96	39.96	39.96	39.82	39.67	39.53	39.53	39.64	8	00	41.09	12	00	38.25	2.84	9
40.82	40.82	40.11	39.97	40.11	39.68	39.54	39.40	39.68	39.64	16	50	40.96	11	00	37.98	2.98	10
40.12	39.98	39.41	39.55	39.69	39.69	39.55	39.55	39.69	39.60	7	00	40.55	11	00	38.56	1.99	11
40.40	40.26	39.98	39.98	40.12	39.98	39.84	39.84	39.84	39.76	7	00	40.97	12	00	38.27	2.70	12
40.41	40.27	40.13	40.27	40.13	40.13	39.99	39.85	39.85	39,71	16	00	40.41	11	00	38.28	2.13	13
40.71	40.57	40.00	39.86	39.86	40.00	39.86	39.71	39.86	39.85	16	00	40.71	12	00	38.29	2.42	14
40.43	40.01	39.58	39.44	39.44	39.44	39.44	39.44	39.44	39.78	8	30	40.86	11	00	38.59	2.27	15
40.15	39.87	39.58	39.72	39.72	39.58	39.58	39.44	39.44	39.67	9	00	40.86	12	00	38.30	2.56	16
39.86	40.00	40.00	39.86	39.71	39.57	39.43	39.43	39.43	39.55	16	20	40.14	12	00	38.29	1.85	17
40.71	40.42	40.00	39.86	39.71	39.57	39.43	39.43	39.57	39.80	16	00	40.71	13	00	39.15	1.56	18
40.71	40.71	40.00	39.71	39.57	39.86	39.71	39.57	39.57	39.69	16	25	40.85	12	30	39.01	1.84	19
40.13	40.56	39.85	39.70	39.70	39.56	39.56	39.42	39.42	39.56	17	00	40.56	13	00	38.99	1.57	20
39.28	39.56	39.70	39.56	39.56	39.56	39.56	39.70	39.85	39.61	9	30	40.70	13	50	38.71	1.99	21
40.56	40.41	40.13	39.99	39.85	39.85	39.70	39.70	39.56	39.82	16	15	40.70	13	10	38.85	1.85	22
40.69	40.55	39.98	39.98	39.84	39.84	39.69	39.69	39.69	39.59	16	00	40.69	12	00	38.42	2.27	23
39.98	39.98	39.98	39.98	39.98	39.84	39.84	39.69	39.69	39.27	16	20	40.12	11	00	37.56	2.56	24
40.12	39.98	39.84	39.84	39.84	39.84	39.84	39.84	39.84	39.55	16	00	40.12	12	00	38.56	1.56	25
39.40	39.68	39.97	39.83	39.68	39.68	39.68	39.68	39.68	39.27	18	00	39.97	10	00	37.98	1.99	26
40.68	40.25	39.83	39.97	39.97	39.68	39.68	39.68	39.68	39.94	16	00	40.68	6	00	39.40	1.28	27
40.39	40.25	39.97	39 97	39.83	39.68	39.68	39.68	39.83	39.62	16	00	40.39	6	00	38.97	1.42	28
40.53	39.96	39.67	39.82	39.82	39.67	39.53	39.53	39.67	39.92	16	05	40.67	6	00	39.39	1.28	29
39.82	40.10	39.96	39.96	39.82	39.67	39.53	39.53	39.67	39.69	17	00	40.10	12	00	39.25	0.85	30
39.96	40.10	39.96	39.96	39.67	39.53	39.39	39.39	39.39	39.57	17	00	40.10	12	00	38.54	1.56	31
40.33	40.22	39.89	39.82	39.76	39.70	39.62	39.58	39.61	39.64	--------		40.68	--------		38.43	2.25	-------
40.23	40.23	39.95	39.89	39.75	39.72	39.63	39.57	39.60	39.50	--------		40.51	--------		38.30	2.21	-------

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1913.

0° East plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.53	39.53	39.67	39.67	39.39	39.25	39.39	39.67	39.53	39.82	39.25	38.68	39.25	39.39	39.39
2	39.66	39.66	39.52	39.38	39.24	38.95	38.81	39.37	40.09	40.52	40.66	40.37	40.23	40.37	40.23
3	39.52	39.38	39.66	39,66	39.10	38.39	38.67	38.81	38.95	39.10	38.67	38.81	38.95	39.38	39.66
4[a]	39.38	39.38	39.38	39.38	39.38	39.24	39.24	39.52	39.66	39.66	39.81	40.23	40.23	39.95	39.95
5	39.53	39.67	39.67	39.53	39.39	38.96	38.54	38.96	39.39	39.67	39.96	40.10	40.24	40.24	40.10
6	39.40	39.54	39.54	39.40	39.40	39.26	39.26	39.68	39.97	39.83	39.40	39.12	39.26	39.54	39.68
7	39.41	39.55	39.69	39.55	39.55	39.41	39.27	39.41	39.41	39.55	39.69	39.84	40.12	39.98	39.69
8	39.56	39.56	39.42	39.56	39.70	39.70	39.42	39.42	39.56	39.56	39.14	38.99	38.99	39.14	39.14
9	39.57	39.57	39.43	39.43	39.29	39.29	39.43	39.43	(39.29)	(39.00)	(39.29)	(39.57)	(39.71)	(39.86)	(40.00)
10	39.43	39.43	39.57	39.57	39.43	39.29	39.15	39.29	39.15	38.86	38.58	38.86	40.00	40.28	40.14
11	39.44	39.44	39.44	39.30	39.30	39.16	39.01	39.30	39.44	39.30	39.01	38.73	39.30	39.72	40.01
12	39.45	39.45	39.45	39.45	39.31	39.17	39.59	40.16	(40.30)	(40.02)	(39.59)	(39.02)	(39.31)	(39.73)	(40.02)
13	39.74	39.74	39.89	39.89	39.60	39.32	39.03	39.32	39.89	40.31	39.60	40.03	40.88	40.31	40.17
14[a]	39.47	39.47	39.47	39.61	39.75	39.33	38.76	38.76	38.76	39.19	39.61	39.75	39.75	40.32	40.75
15[a]	39.62	39.76	39.76	39.91	39.91	39.76	39.05	38.77	38.49	38.49	39.05	39.62	39.48	39.34	39.62
16[a]	39.63	39.63	39.63	39.63	39.49	39.49	39.35	39.35	39.49	39.63	40.34	40.63	40.34	40.20	40.20
17	39.78	39.78	39.78	39.64	39.50	39.50	39.36	39.50	39.93	40.35	39.78	39.36	39.64	39.78	40.21
18	39.64	39.64	39.50	39.50	39.36	39.22	39.22	39.50	39.78	40.07	39.78	39.64	39.22	39.22	40.07
19	39.49	39.35	39.35	39.35	39.21	38.92	38.78	39.21	39.63	39.92	40.34	40.06	39.63	39.35	39.77
20	39.48	39.48	39.48	39.34	39.34	39.05	39.20	39.34	40.05	40.20	40.05	39.48	39.48	39.76	39.91
21	39.47	39.47	39.47	39.47	39.33	39.04	38.62	38.90	39.33	39.33	39.19	39.47	39.47	39.04	39.19
22	39.46	39.46	39.32	39.32	39.32	39.18	39.03	39.32	40.03	40.31	40.17	40.03	39.89	39.46	39.74
23	39.45	39.59	39.59	39.45	39.31	39.02	38.74	39.02	39.45	39.59	39.88	40.02	40.02	40.30	40.02
24	39.45	39.45	39.45	39.45	39.31	38.74	37.89	38.03	38.60	38.88	39.31	39.73	40.59	40.44	39.73
25[a]	39.58	39.72	39.72	39.58	39.44	39.01	38.02	38.45	38.73	39.44	40.15	40.86	41.43	41.29	40.86
26	39.71	39.71	39.57	39.43	39.15	38.86	37.87	37.58	38.01	38.72	39.29	39.15	39.43	39.86	40.14
27	39.70	39.56	39.56	39.42	39.28	38.85	38.43	38.43	38.57	38.71	39.28	39.56	39.70	39.85	40.27
28	39.69	39.69	39.69	39.41	39.27	38.98	37.99	38.13	38.42	38.42	39.41	39.98	40.69	40.69	40.83
29	39.40	38.97	39.54	39.26	39.12	38.69	37.98	37.84	37.98	38.12	37.98	38.26	39.12	39.40	39.83
30	39.25	39.39	39.39	39.39	39.25	39.11	38.54	38.40	38.68	39.25	39.96	40.38	40.53	39.96	39.96
Mean	39.53	39.53	39.55	39.50	39.38	39.14	38.85	39.03	39.29	39.46	39.54	39.61	39.83	39.87	39.98
Mean[a]	39.54	39.59	39.59	39.62	39.59	39.37	38.88	38.97	39.03	39.28	39.79	40.22	40.25	40.22	40.28

DECEMBER, 1913.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.24	39.24	39.38	39.10	39.10	38.81	38.10	37.96	38.53	39.10	39.38	39.52	39.66	40.23	39.81
2	39.38	39.38	39.38	39.38	39.38	39.24	38.67	38.81	39.10	39.66	39.81	40.09	40.52	40.66	40.23
3	39.82	39.67	39.82	38.53	39.39	39.39	38.68	38.82	39.11	39.25	39.39	39.39	39.96	39.82	39.39
4	39.41	39.41	39.27	39.27	39.27	38.98	38.27	38.42	38.84	39.41	40.12	40.12	39.84	39.69	39.55
5	39.70	39.56	39.14	39.28	39.28	38.85	38.14	38.43	39.85	40.13	40.70	41.12	41.12	40.56	40.27
6	39.58	39.44	39.44	39.30	39.30	39.16	38.16	38.16	39.01	39.44	39.44	39.44	40.15	39.87	39.72
7	39.45	39.45	39.45	39.31	39.31	39.17	38.88	39.02	39.45	40.30	40.44	40.16	40.59	39.88	40.02
8	39.75	39.61	39.47	39.61	39.61	39.19	38.62	38.62	39.33	40.04	40.04	39.47	39.47	39.04	39.04
9	39.91	39.76	39.62	39.48	39.48	39.20	39.20	39.62	40.47	41.04	41.47	40.90	41.04	40.76	39.91
10[a]	39.78	39.93	39.78	39.78	39.50	39.22	38.65	38.51	38.93	39.78	40.49	40.64	40.92	41.06	40.64
11[a]	39.65	39.65	39.79	39.65	39.51	39.37	38.66	38.23	38.37	38.80	39.37	40.36	40.79	40.93	40.79
12	39.80	39.66	39.66	39.66	39.52	39.24	38.53	38.67	39.24	40.37	40.66	40.09	39.80	40.09	40.37
13[a]	39.96	39.81	39.96	39.67	39.53	39.39	38.68	38.54	39.10	39.53	39.67	39.67	40.24	40.52	40.38
14	39.68	39.82	39.97	40.11	40.11	39.68	39.11	38.69	38.97	39.97	40.25	40.39	40.82	40.82	40.68
15	39.84	39.99	39.84	39.70	39.56	39.28	38.71	38.85	38.99	39.13	39.42	40.13	40.41	40.70	40.84
16	39.58	39.72	39.86	39.72	39.72	39.44	39.15	39.01	38.87	39.72	40.15	39.86	40.43	40.86	41.14
17[a]	40.01	40.01	39.86	39.86	39.72	39.58	39.44	39.58	40.01	40.15	39.58	39.86	40.01	40.15	39.86
18	39.87	39.87	39.73	39.73	39.59	39.59	39.16	39.02	39.73	40.02	39.87	40.02	40.87	40.73	40.30
19	39.74	39.60	39.60	39.46	39.32	39.17	38.46	38.32	38.75	39.32	39.32	39.46	39.74	39.88	40.03
20	39.89	39.89	39.89	39.75	39.61	39.47	38.62	38.47	38.47	38.90	39.04	39.61	40.18	40.18	40.32
21	39.76	39.76	39.76	39.62	39.48	39.19	38.91	39.19	39.76	40.19	39.90	39.76	40.33	40.47	40.61
22	39.77	39.77	39.77	39.63	39.63	39.49	38.78	39.06	39.49	39.63	39.63	39.77	40.06	39.63	39.77
23[a]	39.92	39.92	40.07	39.78	39.64	39.64	39.36	39.50	39.92	39.64	39.64	39.78	40.07	40.07	39.92
24	39.79	39.79	39.65	39.65	39.51	39.37	38.80	39.22	40.36	40.93	40.79	40.93	41.21	40.50	40.22
25	39.95	39.81	39.67	39.53	39.53	39.39	38.96	39.10	39.39	39.67	39.81	40.38	40.81	40.66	40.38
26	39.68	39.68	39.68	39.54	39.25	38.83	38.40	38.26	38.69	39.25	39.40	39.68	40.11	40.96	40.82
27	39.69	39.83	39.69	39.55	39.41	39.26	39.12	39.41	40.12	40.26	40.12	40.26	40.26	40.40	39.97
28	39.98	39.84	39.84	39.84	39.70	39.56	38.99	38.85	39.27	39.70	40.41	40.98	40.84	40.55	40.69
29	39.85	39.71	39.71	39.71	39.57	39.14	38.86	38.57	38.43	38.86	39.71	40.14	40.85	40.99	41.13
30	39.72	39.72	39.72	39.72	39.72	39.72	39.15	39.29	39.44	39.44	39.44	39.58	39.58	39.72	39.86
31	39.87	39.87	39.87	39.73	39.59	39.59	39.30	39.45	39.45	39.87	40.58	40.44	39.87	40.30	40.58
Mean	39.74	39.72	39.69	39.60	39.51	39.31	38.79	38.83	39.27	39.73	39.94	40.06	40.34	40.34	40.23
Mean[a]	39.86	39.86	39.89	39.75	39.58	39.44	38.96	38.87	39.27	39,58	39.75	40.06	40.41	40.55	40.32

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[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1913.

0° East plus tabular quantities.

16^h	17^h	18^h	19^h	20^h	21^h	22^h	23^h	24^h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.82	39.96	39.82	39.82	39.67	39.67	39.67	39.53	39.53	39.54	17 00	39.96	12 00	38.68	1.28	1
39.95	39.95	39.81	39.66	39.52	39.66	39.66	39.38	39.66	39.76	11 00	40.66	7 00	38.81	1.85	2
39.95	39.95	40.23	39.66	39.52	39.66	39.38	39.38	39.38	39.33	18 00	40.23	6 00	38.39	1.84	8
39.81	39.81	39.66	39.66	39.52	39.52	39.38	39.38	39.52	39.61	12 10	40.37	6 50	39.10	1.27	4
39.96	39.96	39.96	39.82	39.67	39.53	39.39	39.39	39.39	39.63	13 30	40.38	7 00	38.54	1.84	5
39.97	40.11	39.97	39.83	39.83	39.68	39.54	39.40	39.40	39.58	17 00	40.11	6 25	39.12	0.99	6
39.69	39.55	39.84	39.98	39.98	39.69	39.55	39.41	39.41	39.63	13 00	40.12	7 00	39.27	0.85	7
39.42	39.56	39.56	39.70	39.85	39.70	39.56	39.42	39.56	39.47	20 00	39.85	12 30	38.85	1.00	8
(39.71)	39.43	39.71	39.86	39.57	39.57	39.57	39.57	39.57	39.53	15 00	(40.00)	10 00	(39.00)	1.00	9
40.14	40.00	39.86	39.86	40.00	40.00	39.86	39.71	39.57	39.58	14 00	40.28	11 00	38.58	1.70	10
39.87	39.87	39.72	39.72	39.58	39.58	39.58	39.44	39.44	39.45	15 00	40.01	12 00	38.73	1.28	11
(40.16)	40.02	39.88	39.88	39.73	39.59	39.45	39.45	39.59	39.66	9 00	(40.30)	12 00	(39.02)	1.28	12
40.60	40.45	40.17	40.03	39.60	39.60	39.46	39.46	39.46	39.86	16 00	40.60	7 00	39.03	1.57	13
40.61	40.46	40.18	40.04	39.90	39.90	39.75	39.61	39.61	39.70	15 00	40.75	7 15	38.62	2.13	11
39.91	40.05	40.05	39.91	39.76	39.62	39.62	39.62	39.62	39.53	17 50	40.19	9 50	38.35	1.84	15
40.34	40.20	40.06	40.06	39.92	39.92	39.77	39.77	39.63	39.86	12 00	40.63	7 30	39.21	1.42	16
40.35	40.21	39.93	39.93	39.78	39.78	39.64	39.64	39.64	39.78	15 30	40.49	11 55	39.22	1.27	17
40.21	40.07	39.93	39.64	39.64	39.64	39.50	39.50	39.36	39.62	16 00	40.21	13 20	39.08	1.13	18
40.20	40.20	39.92	39.77	39.77	39.63	39.63	39.49	39.49	39.60	11 00	40.34	7 00	38.78	1.56	19
40.20	40.20	39.91	39.76	39.76	39.62	39.48	39.48	39.48	38.65	16 20	40.34	6 00	39.05	1.29	20
39.47	39.90	39.75	39.75	39.61	39.61	39.47	39.47	39.33	39.38	17 00	39.90	7 00	38.62	1.28	21
40.03	40.17	40.03	39.74	39.60	39.60	39.60	39.46	39.46	39.66	10 00	40.31	7 00	39.03	1.28	22
39.88	39.88	39.73	39.59	39.59	39.59	39.59	39.45	39.45	39.59	14 00	40.30	7 00	38.74	1.56	23
39.88	40.02	39.88	39.73	39.59	39.59	39.59	39.45	39.45	39.43	13 00	40.59	7 00	37.89	2.70	24
40.72	40.15	39.72	39.58	39.44	39.58	39.58	39.58	39.72	39.76	13 00	41.43	7 00	38.02	8.41	25
40.00	39.86	39.86	39.71	39.57	39.57	39.43	39.43	39.57	39.31	15 00	40.14	8 00	37.58	2.56	26
40.13	39.99	39.85	39.70	39.70	39.56	39.56	39.42	39.42	39.44	15 00	40.27	6 35	38.29	1.98	27
40.40	40.40	39.98	39.69	39.55	39.41	39.27	39.41	39.41	39.53	15 00	40.83	7 00	37.99	2.84	28
40.25	40.54	39.97	39.97	39.97	39.40	39.40	39.26	39.26	39.15	17 00	40.54	8 00	37.84	2.70	29
40.24	40.24	39.96	39.82	39.67	39.53	39.39	39.25	39.25	39.53	13 00	40.53	8 00	38.40	2.13	30
40.06	40.04	39.90	39.80	39.70	39.63	39.54	39.47	39.49	39.57	----------	40.35	----------	38.66	1.69	--------
40.28	40.13	39.93	39.85	39.71	39.71	39.62	39.59	39.62	39.69	----------	40.67	----------	38.66	2.01	--------

DECEMBER, 1913.

0° East plus tabular quantities.

16^h	17^h	18^h	19^h	20^h	21^h	22^h	23^h	24^h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.81	40.09	39.95	39.66	39.52	39.52	39.38	39.38	39.38	39.33	14 00	40.23	8 00	37.96	2.27	1
40.23	40.37	40.09	39.95	39.66	39.52	39.52	39.52	39.66	39.68	13 42	40.80	7 00	38.67	2.13	2
39.96	40.10	39.67	39.53	39.53	39.39	39.39	39.39	39.39	39.49	17 00	40.10	7 00	38.68	1.42	3
39.84	39.98	39.84	39.84	39.84	39.69	39.55	39.41	39.55	39.48	11 25	40.26	7 00	38.27	1.99	4
40.70	40.27	39.99	39.99	40.13	39.99	39.85	39.70	39.56	39.85	12 23	41.26	6 43	38.00	3.26	5
39.87	40.29	40.01	40.01	39.87	39.87	40.01	39.72	39.58	39.54	17 00	40.29	7 43	38.02	2.27	6
40.87	40.73	40.73	40.16	40.02	40.02	39.88	39.88	39.73	39.87	16 35	41.15	7 00	38.88	2.27	7
39.47	40.04	39.90	40.04	40.04	40.04	39.90	39.90	39.90	39.59	10 27	40.18	7 15	38.48	1.70	8
40.05	40.05	40.19	40.05	39.91	39.91	39.76	39.62	39.62	40.04	11 00	41.47	6 12	39.06	2.41	9
40.35	40.07	40.07	39.93	39.93	40.07	40.07	39.93	39.78	39.91	14 00	41.06	8 00	38.51	2.55	10
40.50	40.22	40.22	40.08	39.94	39.94	39.79	39.79	39.79	39.76	14 00	40.93	8 00	38.23	2.70	11
40.37	40.51	40.37	40.09	39.95	39.95	39.80	39.95	40.09	39.85	11 00	40.66	7 00	38.53	2.13	12
40.10	40.38	40.10	39.96	39.81	39.81	39.67	39.67	39.67	39.74	14 00	40.52	8 00	38.54	1.98	13
40.11	40.11	40.25	40.11	39.97	39.82	39.54	39.68	39.82	39.94	13 36	40.96	8 00	38.69	2.27	14
40.70	40.27	40.13	40.27	40.27	39.99	39.84	39.84	39.70	39.85	15 00	40.84	7 00	38.71	2.13	15
40.72	40.57	40.15	40.01	40.01	39.86	39.72	39.86	40.01	39.92	15 00	41.14	9 00	38.87	2.27	16
40.01	40.43	40.29	40.15	40.01	40.01	40.01	39.86	39.86	39.93	17 00	40.43	7 00	39.44	0.99	17
40.44	40.58	40.30	40.16	40.02	40.02	39.87	39.73	39.73	39.96	13 00	40.87	8 00	39.02	1.85	18
40.31	40.45	40.31	40.17	40.17	39.88	39.74	40.03	39.88	39.63	17 00	40.45	8 00	38.32	2.13	19
40.04	40.18	40.18	39.89	39.89	39.75	39.75	39.61	39.75	39.64	15 00	40.32	7 20	38.19	2.13	20
40.76	40.61	40.47	40.19	40.05	40.05	39.90	39.76	39.76	39.93	16 00	40.76	7 00	38.91	1.85	21
40.20	40.48	40.34	40.20	40.06	40.06	39.91	39.77	39.77	39.74	17 00	40.48	7 00	38.78	1.70	22
40.07	40.35	40.21	40.07	40.07	39.92	39.92	39.78	39.78	39.88	17 00	40.35	6 47	39.22	1.13	23
40.22	40.22	40.08	39.93	39.93	39.93	39.93	39.93	39.93	40.03	13 00	41.21	7 00	38.80	2.41	24
40.24	40.52	40.66	40.52	40.24	40.10	39.95	39.81	39.67	39.95	13 00	40.81	7 00	38.96	1.85	25
40.11	40.25	40.25	40.25	39.96	39.82	39.82	39.82	39.68	39.67	14 08	41.10	8 00	38.26	2.84	26
40.26	40.12	40.40	40.26	40.12	39.97	39.83	39.69	39.83	39.91	13 49	40.54	7 00	39.12	1.42	27
40.27	40.27	40.13	40.13	40.13	40.13	39.98	39.84	39.84	39.99	12 00	40.98	8 00	38.85	2.13	28
40.85	40.56	40.42	40.28	40.28	40.14	39.85	39.71	39.71	39.88	15 00	41.13	9 00	38.43	2.70	29
40.15	40.57	40.43	40.29	40.29	40.15	40.00	39.86	39.72	39.80	17 00	40.57	7 00	39.15	1.42	30
40.72	40.58	40.44	40.30	40.30	40.16	40.01	39.87	39.87	40.02	16 00	40.72	6 37	39.16	1.56	31
40.27	40.33	40.21	40.08	40.00	39.92	39.81	39.75	39.74	39.80	----------	40.73	----------	38.67	2.06	--------
40.21	40.29	40.18	40.04	39.95	39.95	39.89	39.81	39.78	39.84	----------	40.66	----------	38.79	1.87	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1913.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 a	8095	8094	8102	8101	8101	8101	8100	8101	8104	8118	8130	8128	8122	8114	8110
2	8094	8098	8099	8102	8103	8105	8109	8107	8115	8125	8129	8125	8119	8114	8109
3	8097	8093	8101	8098	8098	8107	8109	8110	8117	8127	8150	8129	8123	8081	8075
4	8068	8065	8067	8069	8074	8081	8090	8096	8107	8107	8108	8112	8100	8098	8090
5	8072	8072	8087	8080	8081	8081	8090	8089	8094	8101	8106	8105	8106	8102	8098
6	8082	8083	8083	8086	8087	8090	8095	8100	8107	8115	8118	8116	8112	8112	8111
7 a	8085	8086	8085	8088	8087	8091	8098	8101	8111	8117	8123	8120	8119	8112	8105
8	8089	8089	8090	8091	8091	8095	8100	8100	8115	8122	8128	8123	8122	8117	8111
9	8099	8100	8097	8098	8098	8102	8107	8118	8126	8130	8135	8130	8127	8123	8122
10	8094	8097	8095	8094	8094	8095	8098	8107	8117	8107	8111	8113	8109	8103	8098
11	8084	8084	8080	8081	8084	8080	8085	8093	8098	8106	8115	8112	8093	8084	8076
12 a	8074	8073	8077	8078	8078	8082	8083	8095	8100	8112	8122	8115	8107	8093	8088
13	8089	8091	8091	8096	8092	8099	8100	8110	8122	8134	8136	8130	8121	8115	8109
14	8092	8093	8093	8095	8101	8106	8109	8116	8131	8141	8149	8138	8133	8126	8124
15	8093	8083	8091	8093	8092	8093	8103	8105	8125	8133	8138	8138	8137	8131	8122
16 a	8097	8094	8093	8098	8099	8098	8102	8107	8121	8129	8128	8114	8108	8107	8106
17	8101	8103	8103	8105	8105	8106	8113	8119	8130	8135	8143	8139	8135	8122	8111
18	8108	8108	8109	8113	8111	8109	8124	8129	8134	8142	8141	8117	8111	8112	8115
19	8107	8108	8109	8094	8101	8106	8098	8092	8095	8094	8101	8110	8113	8115	8109
20	8089	8088	8086	8085	8087	8091	8094	8103	8115	8112	8098	8096	8099	8101	8104
21	8084	8086	8089	8094	8096	8098	8100	8110	8125	8130	8128	8119	8111	8105	8101
22	8095	8096	8094	8095	8094	8096	8105	8115	8127	8130	8122	8117	8109	8105	8100
23	8098	8100	8102	8101	8101	8103	8107	8111	8129	8136	8136	8127	8119	8106	8098
24 a	8099	8097	8101	8100	8100	8100	8111	8122	8135	8145	8147	8138	8116	8102	8099
25	8097	8096	8097	8098	8096	8099	8101	8117	8140	8161	8165	8159	8137	8117	8107
26	8101	8099	8098	8095	8101	8100	8108	8115	8126	8137	8142	8136	8132	8112	8104
27	8103	8101	8100	8099	8097	8096	8100	8107	8115	8130	8140	8160	8146	8132	8115
28	8090	8093	8092	8094	8095	8098	8103	8107	8116	8117	8126	8134	8131	8121	8111
29	8098	8103	8098	8103	8105	8107	8105	8112	8113	8127	8137	8142	8130	8115	8110
30	8098	8098	8101	8100	8100	8101	8101	8110	8120	8126	8132	8129	8130	8145	8136
31	8094	8095	8096	8093	8092	8090	8097	8105	8116	8126	8127	8120	8119	8111	8103
Mean	8092	8092	8094	8094	8095	8097	8101	8107	8118	8125	8129	8126	8119	8111	8106
Mean a	8090	8089	8092	8093	8093	8094	8099	8105	8114	8124	8130	8123	8114	8106	8102

FEBRUARY, 1913.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	ʎ	ʎ
1	8091	8095	8098	8098	8100	8101	8103	8107	8116	8127	8134	8131	8123	8118	8111
2	8090	8093	8095	8094	8093	8095	8100	8103	8109	8118	8127	8121	8117	8115	8112
3 a	8094	8094	8097	8098	8099	8099	8105	8113	8125	8135	8138	8137	8133	8131	8125
4 a	8105	8105	8108	8108	8108	8108	8111	8116	8132	8148	8154	8148	8139	8126	8116
5	8110	8108	8106	8105	8106	8105	8107	8110	8123	8138	8147	8146	8138	8130	8122
6	8089	8089	8093	8095	8099	8101	8107	8115	8129	8143	8159	8151	8138	8127	8118
7	8106	8104	8103	8106	8101	8098	8098	8105	8116	8127	8141	8142	8128	8123	8114
8	8089	8086	8094	8099	8102	8098	8103	8112	8121	8130	8135	8135	8144	8133	8125
9	8088	8087	8086	8089	8091	8093	8097	8103	8110	8125	8136	8139	8139	8120	8113
10	8087	8088	8092	8093	8091	8091	8095	8097	8108	8116	8133	8132	8124	8112	8104
11	8086	8086	8086	8084	8087	8086	8086	8098	8109	8123	8134	8133	8127	8122	8116
12	8092	8095	8096	8096	8097	8099	8098	8102	8112	8134	8155	8140	8125	8106	8099
13	8093	8094	8095	8096	8096	8096	8091	8090	8096	8103	8109	8123	8120	8119	8108
14	8079	8078	8096	8091	8089	8093	8093	8095	8105	8113	8122	8118	8127	8129	8128
15	8063	8069	8070	8071	8075	8074	8079	8082	8090	8095	8096	8095	8093	8083	8079
16	8074	8073	8076	8079	8079	8082	8082	8083	8088	8097	8102	8111	8106	8103	8094
17	8071	8075	8071	8073	8077	8072	8071	8073	8084	8089	8097	8102	8107	8100	8095
18	8091	8077	8081	8080	8083	8081	8081	8080	8095	8105	8112	8107	8095	8084	8079
19	8078	8078	8081	8082	8084	8088	8088	8092	8102	8111	8119	8127	8122	8114	8106
20	8079	8082	8084	8086	8084	8084	8085	8091	8100	8106	8116	8116	8112	8106	8093
21	8081	8079	8077	8080	8083	8089	8096	8101	8118	8128	8136	8133	8120	8109	8097
22	8080	8079	8080	8083	8084	8088	8096	8099	8116	8130	8137	8144	8134	8119	8104
23 a	8091	8087	8083	8085	8085	8087	8088	8096	8110	8123	8131	8137	8136	8130	8120
24 a	8084	8083	8082	8082	8083	8087	8087	8091	8100	8112	8124	8130	8130	8126	8114
25	8085	8084	8085	8082	8084	8086	8088	8092	8105	8130	8141	8149	8129	8123	8122
26	8065	8064	8068	8073	8076	8076	8076	8086	8104	8122	8128	8158	8156	8132	8117
27	8084	8078	8083	8078	8084	8084	8087	8090	8099	8115	8116	8111	8101	8099	8094
28 a	8080	8081	8082	8080	8078	8080	8083	8086	8097	8116	8124	8128	8122	8113	8105
Mean	8086	8085	8087	8088	8089	8090	8092	8097	8108	8120	8129	8130	8124	8116	8108
Mean a	8091	8090	8090	8091	8091	8092	8095	8100	8113	8127	8134	8136	8132	8125	8116

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[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1913.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8106	8105	8102	8093	8100	8094	8096	8096	8097	8105	11 35	8131	0 05	8093	38	1
8109	8109	8106	8104	8108	8101	8109	8098	8092	8108	11 25	8130	23 50	8091	39	2
8074	8078	8078	8070	8053	8043	8065	8080	8065	8093	11 45	8151	21 00	8043	108	3
8082	8081	8076	8074	8074	8072	8071	8069	8071	8083	12 00	8112	0 05	8064	48	4
8090	8081	8080	8078	8079	8085	8085	8077	8089	8088	12 35	8107	0 05	8071	36	5
8103	8094	8094	8090	8087	8083	8081	8087	8086	8096	11 00	8118	22 00	8081	37	6
8099	8095	8092	8094	8088	8086	8084	8084	8082	8097	11 00	8123	22 10	8081	42	7
8106	8104	8102	8101	8101	8092	8089	8086	8094	8102	11 00	8128	22 35	8085	43	8
8117	8112	8107	8103	8105	8101	8104	8093	8096	8110	11 35	8136	23 00	8093	43	9
8095	8092	8097	8093	8085	8086	8066	8063	8068	8095	9 00	8117	23 00	8063	54	10
8070	8068	8066	8067	8067	8070	8068	8072	8073	8082	11 00	8115	18 00	8066	49	11
8087	8089	8096	8093	8093	8092	8090	8089	8086	8091	11 00	8122	0 05	8072	50	12
8105	8106	8109	8105	8102	8097	8096	8093	8093	8106	11 00	8136	0 05	8088	48	13
8110	8104	8105	8095	8093	8088	8089	8088	8095	8109	11 00	8149	21 05	8087	62	14
8113	8100	8092	8087	8092	8089	8092	8098	8100	8106	11 30	8139	2 00	8083	56	15
8106	8107	8103	8104	8100	8100	8101	8098	8102	8105	10 00	8129	2 50	8092	37	16
8109	8105	8103	8105	8107	8109	8108	8108	8109	8114	11 00	8143	0 05	8100	43	17
8111	8107	8098	8088	8072	8074	8089	8090	8106	8109	9 40	8143	20 00	8072	71	18
8105	8100	8101	8090	8086	8086	8078	8079	8088	8099	12 35	8116	21 40	8077	39	19
8104	8105	8105	8101	8098	8099	8096	8091	8087	8097	9 45	8116	0 10	8084	32	20
8102	8102	8097	8097	8092	8089	8090	8092	8091	8101	10 40	8131	1 00	8084	47	21
8100	8100	8102	8104	8108	8104	8101	8106	8104	8105	10 00	8130	0 10	8093	37	22
8093	8095	8096	8095	8096	8098	8101	8099	8098	8106	10 55	8137	16 00	8093	44	23
8098	8100	8104	8104	8104	8101	8093	8097	8102	8109	10 55	8148	22 00	8093	55	24
8097	8099	8105	8107	8105	8101	8098	8099	8092	8112	11 00	8165	24 00	8092	73	25
8095	8097	8101	8101	8098	8099	8103	8102	8101	8108	11 00	8143	16 50	8094	48	26
8112	8101	8102	8101	8098	8095	8092	8093	8089	8109	11 20	8162	16 50	8088	74	27
8106	8106	8109	8111	8110	8102	8099	8107	8097	8107	12 00	8134	0 10	8089	45	28
8102	8099	8098	8093	8098	8097	8096	8098	8099	8108	12 00	8142	22 00	8096	46	29
8080	8061	8067	8074	8068	8078	8076	8081	8092	8100	14 35	8148	16 40	8060	83	30
8092	8090	8086	8082	8091	8083	8087	8097	8092	8099	11 00	8127	19 00	8082	45	31
8099	8097	8096	8094	8092	8090	8090	8091	8091	8102	----------	8133	----------	8082	51	--------
8099	8099	8099	8099	8097	8095	8093	8093	8094	8101	----------	8131	----------	8086	45	--------

FEBRUARY, 1913.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8103	8093	8094	8093	8094	8096	8096	8095	8093	8105	11 00	8134	1 00	8091	43	1
8112	8105	8100	8093	8096	8098	8097	8094	8091	8103	11 00	8127	1 00	8090	37	2
8117	8109	8109	8107	8104	8106	8105	8106	8104	8112	11 00	8138	0 13	8089	49	3
8109	8113	8114	8113	8114	8112	8112	8111	8112	8118	11 00	8154	0 08	8104	50	4
8113	8111	8114	8108	8104	8100	8098	8095	8092	8114	11 00	8147	24 00	8092	55	5
8111	8107	8106	8104	8106	8108	8107	8108	8108	8113	11 00	8159	0 16	8088	71	6
8111	8107	8104	8102	8096	8096	8097	8095	8095	8109	12 00	8142	20 15	8094	48	7
8120	8116	8109	8101	8100	8098	8096	8091	8088	8109	13 00	8144	1 35	8085	59	8
8105	8103	8101	8091	8093	8093	8091	8084	8089	8103	11 28	8141	23 09	8082	59	9
8098	8093	8089	8088	8087	8088	8088	8089	8089	8099	11 25	8135	1 17	8083	52	10
8109	8106	8102	8099	8094	8095	8089	8095	8094	8102	11 00	8134	0 38	8081	53	11
8085	8079	8085	8086	8084	8073	8082	8084	8091	8100	11 00	8155	21 00	8073	82	12
8094	8097	8100	8100	8097	8090	8088	8090	8089	8099	12 00	8123	22 00	8088	35	13
8107	8099	8080	8032	8008	8014	8071	8051	8059	8087	13 26	8130	21 37	8002	128	14
8077	8082	8079	8081	8070	8069	8079	8076	8066	8079	11 00	8096	0 01	8058	38	15
8087	8084	8084	8078	8080	8068	8063	8059	8065	8083	11 39	8112	23 16	8057	55	16
8095	8084	8083	8083	8085	8084	8083	8077	8074	8084	12 14	8108	0 01	8065	43	17
8076	8078	8077	8071	8068	8069	8077	8077	8079	8083	11 00	8112	20 00	8068	44	18
8096	8085	8088	8087	8084	8075	8068	8074	8077	8092	12 00	8127	21 49	8067	60	19
8087	8088	8087	8089	8089	8090	8086	8086	8087	8092	11 32	8120	0 01	8076	44	20
8092	8091	8087	8088	8088	8087	8084	8084	8083	8096	11 00	8136	3 00	8077	59	21
8097	8096	8095	8094	8094	8092	8091	8089	8090	8101	12 00	8144	2 00	8079	65	22
8111	8104	8101	8094	8091	8091	8089	8090	8089	8102	12 00	8137	3 00	8083	54	23
8109	8109	8103	8100	8096	8094	8089	8084	8085	8099	12 13	8133	2 15	8081	52	24
8125	8128	8096	8065	8056	8048	8055	8059	8066	8095	12 00	8149	20 46	8044	105	25
8119	8098	8070	8092	8094	8087	8080	8089	8083	8096	11 45	8170	2 00	8064	106	26
8088	8087	8084	8082	8085	8083	8082	8082	8081	8090	11 20	8118	1 21	8075	43	27
8097	8094	8088	8089	8086	8087	8089	8088	8087	8094	12 14	8130	5 00	8078	52	28
8102	8098	8094	8090	8087	8085	8087	8086	8086	8099	----------	8134	----------	8075	59	--------
8109	8106	8103	8101	8098	8098	8097	8096	8095	8105	----------	8138	----------	8087	51	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1913. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8087	8088	8087	8090	8090	8089	8090	8094	8102	8111	8117	8115	8112	8110	8102
2 [a]	8086	8084	8086	8083	8086	8087	8091	8101	8109	8118	8127	8134	8133	8122	8115
3	8089	8089	8088	8088	8088	8091	8094	8095	8106	8114	8124	8125	8118	8110	8098
4	8082	8078	8080	8083	8079	8085	8085	8094	8106	8113	8121	8119	8109	8100	8099
5	8084	8083	8084	8080	8081	8082	8081	8086	8101	8107	8108	8100	8089	8086	8089
6	8081	8081	8084	8083	8084	8086	8089	8100	8113	8131	8136	8132	8123	8109	8103
7	8082	8082	8080	8082	8083	8088	8092	8101	8113	8118	8116	8109	8093	8079	8068
8	8077	8079	8081	8086	8089	8091	8095	8100	8117	8138	8153	8162	8148	8137	8126
9	8087	8091	8091	8091	8084	8081	8085	8102	8110	8120	8132	8138	8128	8118	8108
10 [a]	8087	8084	8088	8087	8089	8090	8096	8110	8125	8150	8158	8156	8148	8131	8122
11	8084	8083	8085	8085	8085	8085	8087	8094	8112	8128	8140	8139	8131	8120	8112
12	8092	8096	8095	8095	8093	8085	8081	8088	8098	8116	8127	8128	8135	8112	8108
13	8090	8087	8087	8091	8094	8097	8102	8109	8129	8143	8155	8150	8135	8122	8108
14	8093	8090	8090	8090	8096	8102	8105	8114	8143	8152	8165	8163	8181	8162	8111
15	8065	8073	8065	8068	8070	8070	8069	8073	8078	8097	8108	8109	8107	8096	8073
16	8072	8067	8077	8070	8068	8067	8073	8071	8087	8100	8117	8116	8106	8102	8090
17	8092	8061	8061	8066	8067	8065	8065	8064	8078	8095	8106	8111	8115	8112	8098
18	8056	8059	8071	8067	8062	8065	8065	8071	8086	8104	8118	8113	8109	8096	8088
19	8070	8070	8068	8066	8066	8066	8068	8073	8091	8110	8115	8121	8118	8102	8092
20	8063	8066	8072	8070	8072	8071	8071	8079	8094	8112	8125	8121	8111	8098	8092
21	8063	8066	8063	8067	8067	8068	8074	8090	8109	8129	8144	8146	8118	8098	8091
22	8065	8065	8074	8069	8063	8064	8065	8073	8091	8097	8112	8102	8101	8092	8085
23	8073	8072	8067	8066	8066	8069	8077	8083	8101	8122	8137	8135	8134	8127	8119
24	8061	8066	8079	8072	8070	8072	8080	8089	8104	8119	8134	8133	8121	8114	8106
25	8073	8077	8074	8073	8071	8072	8082	8098	8114	8135	8139	8134	8118	8112	8099
26 [a]	8078	8074	8075	8076	8075	8078	8085	8097	8116	8133	8141	8141	8133	8118	8108
27 [a]	8072	8078	8078	8078	8078	8080	8087	8098	8115	8129	8141	8138	8121	8108	8093
28	8081	8082	8084	8086	8085	8091	8092	8099	8123	8144	8153	8147	8132	8118	8108
29	8073	8069	8075	8076	8077	8079	8083	8092	8112	8126	8135	8130	8123	8112	8101
30	8068	8061	8056	8060	8060	8070	8080	8086	8097	8107	8111	8090	8091	8087	8081
31	8067	8068	8068	8066	8064	8069	8071	8073	8090	8109	8123	8125	8118	8106	8091
Mean	8077	8076	8078	8078	8077	8079	8083	8090	8105	8120	8130	8128	8121	8110	8099
Mean [a]	8082	8082	8083	8083	8084	8085	8090	8100	8113	8128	8137	8137	8129	8118	8108

APRIL, 1913. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8057	8057	8056	8062	8065	8062	8070	8075	8092	8100	8115	8104	8096	8096	8094
2	8070	8071	8066	8071	8063	8064	8063	8069	8082	8101	8117	8117	8110	8104	8092
3	8069	8065	8064	8061	8065	8067	8074	8086	8099	8114	8118	8114	8109	8107	8107
4	8073	8072	8072	8073	8071	8071	8080	8090	8110	8129	8139	8133	8121	8115	8105
5	8074	8067	8063	8068	8071	8070	8075	8080	8100	8117	8136	8131	8129	8120	8105
6 [a]	8067	8065	8066	8065	8066	8067	8076	8086	8112	8132	8141	8139	8129	8118	8109
7	8081	8082	8082	8081	8078	8083	8081	8088	8104	8131	8140	8135	8124	8113	8106
8	8077	8077	8077	8078	8080	8080	8082	8091	8110	8127	8138	8134	8128	8122	8113
9	8074	8074	8076	8104	8104	8099	8092	8098	8110	8133	8124	8120	8108	8085	8076
10	8016	8024	8044	8036	8035	8022	8025	8035	8026	8047	8066	8075	8071	8061	8057
11	8048	8044	8048	8049	8049	8050	8047	8049	8056	8076	8084	8089	8083	8082	8079
12	8049	8053	8050	8046	8046	8048	8052	8060	8078	8097	8115	8114	8100	8090	8078
13	8064	8057	8080	8069	8066	8055	8050	8051	8076	8096	8114	8109	8097	8085	8064
14	8063	8062	8064	8064	8063	8063	8065	8067	8082	8099	8114	8111	8098	8095	8087
15	8063	8059	8061	8062	8065	8068	8079	8092	8114	8125	8125	8108	8087	8080	8065
16	8073	8077	8063	8070	8065	8062	8071	8060	8073	8081	8091	8097	8098	8089	8075
17	8059	8075	8061	8058	8054	8057	8061	8076	8088	8104	8117	8114	8106	8086	8074
18	8061	8060	8066	8060	8060	8059	8056	8059	8083	8093	8101	8099	8095	8088	8084
19	8065	8065	8061	8060	8064	8060	8056	8062	8073	8090	8098	8100	8097	8095	8082
20 [a]	8065	8064	8064	8062	8069	8067	8072	8081	8097	8111	8119	8123	8112	8105	8096
21 [a]	8072	8070	8071	8070	8071	8073	8076	8081	8097	8115	8124	8126	8120	8114	8099
22 [a]	8078	8074	8078	8077	8076	8075	8076	8083	8098	8109	8113	8114	8113	8109	8102
23	8068	8067	8066	8068	8070	8076	8080	8080	8097	8111	8116	8115	8107	8090	8088
24	8070	8071	8072	8071	8071	8073	8079	8092	8104	8115	8120	8117	8116	8108	8098
25	8074	8074	8072	8070	8073	8080	8088	8097	8111	8126	8133	8132	8124	8113	8097
26 [a]	8068	8068	8066	8073	8076	8078	8079	8083	8098	8110	8110	8109	8105	8099	8097
27	8072	8073	8070	8070	8069	8075	8073	8080	8093	8107	8113	8113	8109	8108	8099
28	8075	8077	8077	8078	8080	8079	8082	8084	8095	8101	8096	8090	8097	8082	8073
29	8068	8066	8065	8066	8069	8068	8074	8084	8101	8118	8124	8120	8114	8106	8097
30	8072	8073	8072	8071	8070	8075	8089	8095	8102	8110	8114	8112	8108	8101	8094
Mean	8066	8066	8066	8067	8067	8068	8071	8077	8092	8108	8116	8114	8107	8099	8090
Mean [a]	8070	8068	8069	8069	8072	8072	8076	8083	8100	8115	8121	8122	8116	8109	8101

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1913.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8103	8098	8098	8096	8092	8089	8087	8085	8085	8097	11 00	8117	20 15	8084	33	1
8105	8097	8096	8097	8091	8088	8088	8090	8089	8100	12 00	8134	4 00	8083	51	2
8098	8094	8093	8093	8094	8091	8087	8081	8079	8097	11 25	8126	24 00	8079	47	3
8089	8082	8084	8070	8066	8078	8078	8081	8081	8089	11 20	8122	20 00	8066	56	4
8084	8082	8087	8091	8089	8084	8082	8081	8080	8088	10 35	8109	16 50	8079	30	5
8097	8095	8093	8089	8080	8080	8082	8082	8082	8096	10 35	8137	19 50	8079	58	6
8069	8074	8075	8076	8072	8070	8071	8067	8072	8085	10 15	8119	23 00	8067	52	7
8120	8109	8108	8108	8104	8088	8089	8090	8090	8108	12 00	8162	0 05	8076	86	8
8102	8092	8090	8090	8084	8086	8079	8081	8083	8098	10 45	8139	22 00	8079	60	9
8112	8105	8093	8087	8086	8084	8082	8080	8079	8105	11 00	8158	24 00	8079	79	10
8105	8103	8101	8101	8099	8092	8093	8090	8090	8102	11 00	8140	0 05	8082	58	11
8102	8101	8098	8096	8092	8090	8092	8089	8088	8100	13 00	8135	22 40	8087	48	12
8104	8099	8097	8094	8094	8094	8091	8089	8086	8106	11 00	8155	24 00	8086	69	13
8090	8100	8099	8091	8081	8062	8082	8059	8066	8108	12 35	8184	22 20	8057	127	14
8066	8069	8061	8049	8053	8059	8064	8065	8069	8074	12 25	8110	19 20	8048	62	15
8078	8070	8075	8079	8075	8072	8068	8066	8065	8080	11 20	8118	16 55	8064	54	16
8075	8068	8071	8068	8068	8061	8056	8067	8058	8077	10 40	8116	22 25	8055	61	17
8084	8081	8079	8077	8075	8075	8070	8072	8074	8080	11 00	8118	18 20	8054	64	18
8083	8076	8067	8070	8067	8065	8071	8065	8066	8080	12 00	8121	19 40	8064	57	19
8085	8079	8072	8073	8069	8068	8067	8062	8064	8082	11 00	8125	23 00	8062	63	20
8085	8090	8097	8088	8081	8070	8068	8064	8065	8088	12 10	8147	0 05	8062	85	21
8076	8073	8072	8076	8077	8080	8075	8077	8074	8079	11 00	8112	0 05	8062	50	22
8105	8099	8106	8101	8101	8091	8087	8072	8071	8095	11 20	8138	0 05	8065	73	23
8095	8089	8085	8083	8082	8084	8084	8080	8077	8091	11 00	8134	0 25	8060	74	24
8093	8088	8088	8085	8088	8087	8084	8080	8082	8094	11 00	8139	5 00	8071	68	25
8094	8086	8083	8078	8078	8076	8074	8075	8075	8094	11 05	8142	0 35	8073	69	26
8085	8076	8074	8076	8070	8067	8068	8070	8074	8090	11 00	8141	21 00	8067	74	27
8093	8086	8083	8077	8075	8080	8078	8077	8077	8098	11 10	8154	19 40	8074	80	28
8090	8087	8084	8087	8086	8079	8069	8065	8066	8091	11 00	8135	23 40	8063	72	29
8075	8073	8069	8066	8066	8070	8063	8061	8064	8076	10 20	8114	2 35	8055	59	30
8074	8079	8083	8089	8088	8083	8072	8066	8065	8084	12 00	8125	5 00	8064	61	31
8091	8087	8086	8084	8081	8079	8077	8075	8075	8091	---------	8133	---------	8069	64	--------
8100	8092	8089	8087	8083	8081	8080	8080	8080	8097	---------	8138	---------	8077	61	--------

APRIL, 1913.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8092	8083	8076	8076	8078	8079	8077	8081	8079	8080	11 00	8115	0 05	8055	60	1
8083	8076	8071	8070	8071	8074	8071	8072	8068	8080	11 10	8118	5 20	8062	56	2
8101	8098	8090	8090	8085	8088	8080	8075	8075	8088	11 20	8119	4 00	8061	58	3
8098	8091	8087	8089	8084	8082	8078	8077	8074	8092	11 25	8140	5 05	8070	70	4
8092	8084	8081	8082	8081	8079	8077	8072	8070	8088	11 00	8136	3 00	8063	73	5
8099	8090	8090	8091	8090	8088	8086	8083	8080	8093	11 00	8141	0 05	8064	77	6
8106	8090	8093	8088	8085	8079	8081	8079	8078	8095	11 00	8140	23 15	8077	63	7
8101	8095	8093	8091	8088	8082	8077	8074	8075	8095	11 00	8138	23 00	8074	64	8
8074	8073	8077	8072	8076	8074	8051	8041	8032	8085	10 30	8135	24 00	8032	103	9
8048	8033	8047	8052	8050	8048	8052	8051	8044	8044	12 05	8076	1 05	8015	61	10
8071	8069	8059	8055	8053	8059	8054	8053	8055	8061	11 50	8091	0 10	8043	48	11
8066	8060	8060	8065	8069	8066	8065	8057	8070	8069	11 00	8115	4 05	8045	70	12
8057	8059	8059	8059	8059	8061	8061	8059	8064	8070	11 50	8115	7 00	8050	65	13
8076	8063	8054	8056	8058	8060	8061	8062	8061	8073	11 45	8116	18 00	8054	62	14
8062	8063	8068	8068	8069	8073	8070	8067	8068	8078	10 55	8126	1 35	8058	68	15
8073	8070	8067	8070	8059	8056	8044	8059	8058	8071	13 10	8099	22 00	8044	55	16
8071	8068	8064	8064	8062	8066	8077	8064	8061	8074	10 40	8118	5 10	8053	65	17
8075	8071	8068	8065	8065	8063	8060	8058	8063	8071	10 55	8102	7 00	8056	46	18
8074	8071	8066	8065	8064	8067	8065	8062	8064	8072	11 35	8101	7 00	8056	45	19
8086	8078	8073	8072	8073	8074	8074	8073	8073	8083	11 10	8124	4 00	8062	62	20
8088	8080	8081	8085	8084	8083	8081	8082	8082	8089	10 50	8127	0 05	8069	58	21
8097	8089	8078	8076	8074	8067	8063	8063	8068	8085	10 25	8115	21 55	8062	53	22
8085	8081	8078	8077	8077	8074	8073	8071	8070	8083	11 00	8116	0 05	8065	51	23
8091	8086	8082	8079	8074	8075	8074	8076	8074	8087	11 00	8120	0 05	8069	51	24
8090	8081	8077	8074	8073	8073	8072	8072	8070	8089	11 00	8133	4 00	8070	63	25
8091	8086	8081	8078	8073	8074	8072	8070	8072	8084	10 40	8111	3 00	8066	45	26
8089	8086	8091	8097	8088	8078	8071	8061	8065	8085	11 05	8114	22 40	8060	54	27
8074	8074	8069	8063	8066	8066	8068	8067	8070	8078	9 40	8103	19 00	8063	40	28
8078	8073	8066	8069	8069	8071	8070	8072	8070	8082	10 45	8126	3 00	8065	61	29
8089	8086	8084	8081	8081	8076	8072	8071	8073	8086	10 05	8115	5 00	8070	45	30
8083	8077	8074	8074	8073	8072	8069	8067	8068	8080	---------	8118	---------	8058	60	--------
8092	8085	8081	8080	8079	8077	8075	8074	8075	8087	---------	8124	---------	8065	59	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1913.

30000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8075	8074	8073	8072	8069	8065	8064	8071	8094	8116	8129	8129	8124	8119	8107
2	8077	8074	8073	8072	8072	8075	8087	8096	8111	8124	8127	8129	8121	8118	8106
3	8082	8081	8081	8082	8080	8082	8085	8099	8116	8134	8137	8130	8120	8105	8099
4	8075	8074	8077	8073	8075	8075	8079	8084	8103	8120	8127	8136	8135	8127	8125
5	8073	8090	8081	8081	8086	8078	8076	8082	8098	8107	8080	8060	8055	8048	8044
6	8066	8065	8064	8069	8074	8073	8069	8064	8087	8087	8096	8087	8091	8088	8080
7	8062	8056	8057	8065	8068	8062	8055	8053	8067	8058	8070	8072	8072	8068	8063
8	8063	8063	8061	8065	8070	8073	8061	8065	8081	8095	8099	8096	8082	8077	8071
9	8061	8062	8064	8067	8066	8068	8070	8077	8087	8097	8097	8092	8093	8090	8085
10	8067	8069	8070	8065	8068	8072	8077	8088	8098	8099	8091	8098	8093	8087	8084
11	8066	8069	8064	8068	8070	8074	8082	8089	8104	8109	8110	8105	8100	8091	8087
12	8073	8073	8074	8072	8075	8077	8079	8082	8094	8104	8112	8117	8111	8109	8104
13	8083	8082	8077	8081	8077	8080	8080	8084	8094	8111	8109	8101	8097	8091	8087
14[a]	8086	8081	8078	8078	8081	8082	8083	8086	8093	8108	8115	8116	8113	8109	8107
15	8086	8085	8086	8085	8084	8090	8097	8100	8106	8110	8112	8114	8111	8110	8103
16	8087	8075	8071	8080	8080	8087	8089	8092	8093	8095	8097	8099	8100	8090	8091
17	8082	8082	8084	8084	8083	8085	8094	8109	8123	8130	8134	8132	8123	8120	8104
18	8081	8081	8083	8084	8085	8091	8092	8091	8100	8110	8114	8113	8112	8106	8106
19	8087	8082	8085	8084	8083	8088	8098	8102	8109	8118	8125	8127	8122	8118	8109
20[a]	8086	8084	8083	8081	8081	8080	8086	8095	8094	8093	8110	8110	8114	8108	8102
21[a]	8080	8081	8082	8081	8083	8084	8087	8093	8098	8103	8102	8106	8106	8108	8105
22[a]	8086	8089	8086	8085	8082	8083	8086	8092	8098	8107	8112	8110	8107	8102	8101
23[a]	8082	8082	8083	8082	8084	8087	8096	8101	8117	8124	8124	8121	8118	8114	8107
24	8091	8090	8091	8091	8092	8094	8101	8113	8123	8136	8139	8140	8130	8126	8119
25	8088	8088	8086	8089	8091	8092	8100	8105	8115	8115	8115	8122	8114	8110	8102
26	8078	8079	8080	8081	8082	8088	8096	8100	8107	8118	8125	8124	8118	8106	8092
27	8082	8083	8088	8088	8090	8090	8095	8103	8113	8123	8125	8124	8119	8114	8109
28	8086	8086	8089	8089	8090	8090	8091	8101	8116	8121	8126	8127	8126	8124	8114
29	8083	8086	8083	8086	8084	8092	8096	8101	8110	8120	8121	8122	8125	8118	8112
30	8079	8081	8084	8086	8088	8081	8079	8079	8089	8108	8115	8120	8118	8117	8103
31	8090	8084	8085	8085	8086	8090	8099	8104	8113	8121	8124	8118	8112	8108	8103
Mean	8079	8078	8078	8079	8080	8082	8085	8090	8102	8110	8114	8113	8109	8104	8098
Mean[a]	8084	8083	8082	8081	8082	8083	8088	8093	8100	8107	8113	8118	8112	8108	8104

JUNE, 1913.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8090	8088	8093	8091	8094	8101	8104	8107	8115	8124	8133	8144	8144	8144	8105
2	8087	8083	8094	8091	8075	8091	8100	8107	8097	8082	8079	8081	8080	8083	8087
3	8068	8066	8070	8071	8869	8080	8093	8104	8110	8109	8114	8113	8104	8104	8090
4	8071	8071	8074	8075	8075	8084	8090	8096	8102	8109	8099	8093	8100	8099	8093
5	8079	8080	8081	8076	8078	8085	8090	8092	8100	8103	8105	8104	8106	8097	8093
6	8082	8081	8083	8082	8083	8091	8098	8103	8111	8120	8123	8112	8107	8101	8095
7[a]	8083	8082	8082	8083	8081	8084	8091	8103	8118	8133	8134	8132	8126	8117	8102
8[a]	8080	8083	8084	8083	8079	8079	8084	8090	8103	8108	8112	8116	8121	8121	8111
9	8086	8086	8086	8086	8092	8097	8107	8118	8127	8141	8147	8140	8132	8124	8121
10	8090	8088	8086	8086	8085	8092	8095	8100	8109	8117	8113	8112	8108	8111	8108
11[a]	8080	8080	8079	8080	8080	8082	8091	8101	8115	8123	8121	8114	8105	8095	8093
12[a]	8081	8082	8082	8081	8082	8088	8097	8107	8117	8127	8128	8126	8119	8116	8110
13	8086	8085	8086	8085	8085	8086	8089	8093	8098	8108	8115	8113	8112	8114	8113
14	8091	8091	8089	8092	8086	8089	8094	8100	8111	8115	8112	8119	8118	8119	8107
15	8109	8104	8109	8105	8104	8108	8113	8115	8124	8134	8133	8119	8104	8098	8093
16	8081	8080	8081	8081	8084	8091	8098	8101	8105	8113	8119	8114	8116	8112	8104
17	8085	8085	8087	8090	8086	8094	8101	8108	8116	8125	8128	8121	8116	8110	8104
18	8085	8088	8088	8087	8087	8092	8099	8103	8109	8119	8122	8111	8101	8101	8100
19	8092	8091	8092	8091	8089	8096	8107	8115	8128	8133	8138	8133	8129	8123	8107
20	8100	8104	8091	8083	8080	8089	8099	8112	8127	8132	8132	8120	8117	8115	8112
21	8085	8086	8090	8090	8082	8085	8093	8100	8111	8114	8118	8118	8111	8104	8106
22	8085	8084	8092	8096	8102	8108	8115	8118	8122	8127	8121	8117	8106	8108	8106
23	8088	8094	8094	8092	8093	8096	8107	8109	8116	8121	8126	8122	8120	8111	8101
24	8087	8090	8092	8091	8088	8093	8113	8109	8111	8125	8135	8136	8126	8122	8115
25	8100	8102	8100	8099	8101	8103	8104	8108	8120	8126	8130	8136	8130	8124	8120
26	8087	8090	8091	8090	8093	8092	8099	8106	8111	8119	8122	8126	8131	8130	8129
27[a]	8090	8091	8091	8090	8090	8093	8097	8103	8115	8116	8116	8118	8118	8118	8105
28	8086	8085	8085	8086	8087	8093	8099	8099	8106	8116	8125	8122	8121	8115	8112
29	8093	8093	8093	8089	8090	8094	8094	8089	8091	8104	8123	8102	8078	8085	8085
30	8080	8075	8075	8079	8077	8080	8085	8095	8102	8107	8098	8100	8100	8091	8089
Mean	8086	8086	8087	8087	8086	8091	8098	8104	8112	8118	8121	8118	8114	8110	8104
Mean[a]	8083	8084	8084	8083	8082	8085	8092	8101	8114	8121	8122	8121	8118	8113	8104

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1913. 30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8095	8088	8079	8069	8078	8084	8081	8082	8078	8088	11 20	8130	18 55	8062	68	1
8099	8089	8084	8079	8071	8073	8076	8079	8080	8091	11 30	8130	20 00	8071	59	2
8091	8080	8066	8069	8068	8074	8075	8076	8076	8091	11 00	8137	18 50	8063	74	3
8104	8078	8067	8077	8073	8072	8074	8073	8064	8090	12 15	8138	24 00	8064	74	4
8059	8059	8059	8066	8068	8064	8061	8070	8066	8071	9 50	8109	15 30	8042	67	5
8071	8055	8065	8070	8071	8077	8069	8061	8066	8074	11 25	8098	17 00	8055	43	6
8056	8046	8051	8051	8058	8070	8065	8058	8062	8061	11 55	8073	17 00	8046	27	7
8073	8068	8064	8066	8067	8063	8066	8065	8062	8072	10 45	8100	0 20	8060	40	8
8078	8065	8056	8060	8065	8063	8065	8067	8067	8073	11 10	8098	18 00	8056	42	9
8081	8073	8070	8065	8062	8064	8066	8062	8067	8076	10 40	8100	20 05	8061	39	10
8082	8077	8071	8067	8066	8068	8070	8072	8072	8081	11 00	8110	0 05	8065	45	11
8095	8086	8083	8082	8081	8081	8081	8082	8081	8088	11 45	8113	4 00	8072	41	12
8088	8083	8080	8082	8084	8082	8084	8085	8084	8087	10 00	8111	3 05	8076	35	13
8098	8090	8087	8087	8087	8087	8084	8085	8083	8092	12 00	8116	2 55	8077	39	14
8092	8087	8096	8101	8097	8095	8091	8085	8087	8096	12 00	8114	5 00	8084	30	15
8084	8078	8078	8078	8079	8080	8079	8079	8079	8085	12 50	8101	3 00	8071	30	16
8084	8075	8079	8078	8076	8073	8068	8074	8076	8094	11 20	8136	21 45	8067	69	17
8102	8105	8106	8102	8101	8100	8097	8092	8085	8097	11 25	8115	0 05	8080	35	18
8102	8090	8083	8076	8081	8082	8082	8082	8081	8096	11 20	8128	19 20	8075	53	19
8098	8094	8086	8082	8083	8082	8083	8084	8080	8091	11 05	8115	23 55	8079	36	20
8103	8097	8091	8085	8082	8082	8083	8085	8085	8091	10 25	8109	0 05	8079	30	21
8095	8089	8088	8089	8087	8086	8084	8083	8082	8092	11 20	8113	17 35	8081	32	22
8102	8095	8093	8091	8090	8091	8090	8090	8088	8098	10 20	8125	0 05	8081	44	23
8107	8099	8089	8085	8085	8086	8082	8086	8086	8103	11 30	8141	22 00	8082	59	24
8091	8082	8082	8085	8086	8083	8084	8082	8080	8095	12 00	8122	24 00	8080	42	25
8087	8086	8084	8085	8085	8087	8083	8082	8081	8093	11 00	8125	1 00	8078	47	26
8100	8099	8092	8084	8083	8087	8080	8081	8087	8097	11 00	8125	22 00	8080	45	27
8106	8096	8089	8082	8085	8088	8089	8088	8086	8099	10 45	8128	19 20	8081	47	28
8098	8090	8082	8081	8080	8077	8077	8079	8080	8095	10 25	8128	21 20	8076	52	29
8099	8093	8093	8091	8090	8090	8087	8086	8085	8093	10 20	8121	0 05	8078	43	30
8096	8093	8093	8094	8095	8096	8093	8091	8090	8098	10 55	8125	2 00	8084	41	31
8091	8083	8080	8079	8079	8080	8079	8079	8078	8089	---------	8117	---------	8071	46	--------
8099	8093	8089	8087	8086	8086	8085	8085	8084	8093	---------	8115	---------	8079	36	--------

JUNE, 1913. 30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8086	8085	8089	8090	8090	8086	8076	8074	8074	8101	13 10	8150	22 35	8072	78	1
8081	8069	8071	8073	8070	8069	8075	8071	8070	8082	8 00	8107	17 14	8065	42	2
8073	8059	8072	8070	8076	8077	8073	8071	8066	8083	10 45	8116	17 00	8059	57	3
8083	8080	8079	8078	8073	8073	8076	8075	8076	8084	10 08	8111	0 07	8065	46	4
8086	8083	8085	8083	8084	8082	8082	8081	8080	8088	12 10	8108	4 07	8074	34	5
8083	8083	8078	8080	8078	8078	8079	8081	8081	8091	11 00	8123	18 09	8076	47	6
8091	8085	8080	8082	8083	8084	8082	8079	8078	8096	10 32	8136	24 00	8078	58	7
8104	8094	8088	8085	8085	8087	8086	8084	8087	8094	12 50	8122	5 08	8078	44	8
8111	8101	8087	8087	8086	8087	8088	8091	8092	8105	10 34	8149	19 26	8085	64	9
8095	8093	8088	8085	8084	8082	8081	8083	8083	8095	10 00	8117	22 00	8081	36	10
8094	8088	8084	8083	8080	8079	8078	8078	8079	8091	10 00	8123	21 14	8077	46	11
8104	8100	8093	8091	8087	8086	8084	8083	8083	8098	10 54	8130	0 01	8079	51	12
8105	8099	8100	8097	8095	8092	8091	8090	8090	8097	10 56	8116	4 52	8082	34	13
8101	8096	8098	8102	8099	8099	8103	8105	8106	8102	12 06	8120	5 41	8082	38	14
8091	8091	8091	8090	8089	8083	8082	8085	8076	8102	10 20	8140	23 47	8074	66	15
8093	8092	8087	8086	8086	8086	8084	8084	8085	8094	11 00	8119	0 09	8075	44	16
8093	8089	8084	8083	8084	8084	8082	8083	8085	8097	10 22	8131	22 00	8082	49	17
8098	8095	8091	8091	8091	8092	8091	8093	8092	8097	11 00	8122	1 00	8085	37	18
8100	8094	8089	8089	8092	8091	8096	8100	8097	8105	11 00	8138	17 52	8088	50	19
8104	8095	8089	8090	8091	8090	8090	8088	8087	8102	10 22	8134	4 46	8078	56	20
8101	8098	8092	8090	8089	8091	8089	8092	8088	8093	11 44	8119	5 08	8081	38	21
8107	8101	8096	8092	8093	8092	8093	8093	8090	8103	9 49	8129	1 55	8082	47	22
8095	8094	8095	8094	8086	8081	8085	8089	8089	8100	11 00	8126	21 09	8080	46	23
8112	8102	8090	8094	8099	8097	8093	8091	8094	8104	12 00	8136	0 41	8085	51	24
8112	8101	8095	8092	8089	8088	8088	8087	8088	8106	12 00	8136	23 00	8087	49	25
8118	8103	8101	8099	8096	8093	8088	8089	8095	8104	13 56	8133	1 00	8087	46	26
8096	8091	8088	8087	8088	8089	8089	8089	8087	8098	12 25	8119	19 09	8085	34	27
8101	8090	8094	8094	8098	8097	8094	8092	8090	8099	11 00	8125	1 51	8084	41	28
8086	8088	8083	8083	8086	8086	8084	8087	8084	8090	11 00	8123	18 51	8081	42	29
8084	8084	8081	8082	8085	8083	8080	8082	8079	8086	9 49	8109	2 21	8073	36	30
8096	8091	8088	8087	8087	8086	8085	8086	8085	8096	---------	8126	---------	8079	47	--------
8098	8092	8087	8086	8085	8085	8084	8083	8083	8095	---------	8126	---------	8079	47	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1913.

30000 γ plus tabular quantities.

Day	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8080	8079	8080	8078	8078	8080	8086	8090	8099	8105	8113	8121	8117	8112	8104
2	8080	8082	8083	8088	8083	8084	8088	8089	8102	8107	8109	8105	8102	8097	8096
3	8079	8080	8080	8083	8081	8082	8090	8101	8112	8115	8116	8114	8110	8107	8105
4[a]	8079	8077	8078	8078	8080	8082	8089	8095	8103	8111	8116	8104	8099	8097	8094
5	8083	8083	8084	8082	8084	8089	8094	8101	8116	8124	8128	8125	8122	8118	8112
6	8084	8088	8084	8085	8085	8086	8095	8100	8106	8109	8113	8118	8111	8120	8111
7	8089	8089	8087	8087	8082	8089	8103	8111	8119	8128	8140	8138	8130	8123	8116
8	8083	8080	8084	8089	8090	8090	8091	8092	8106	8121	8123	8122	8121	8123	8106
9[a]	8087	8088	8092	8087	8088	8090	8095	8099	8104	8117	8124	8125	8118	8115	8107
10	(8086)	(8087)	(8089)	(8091)	(8093)	(8995)	(8098)	8105	8111	8124	8132	8133	8130	8116	8104
11	8087	8087	8087	8086	8088	8090	8099	8104	8112	8119	8123	8126	8121	8118	8104
12	8086	8086	8087	8087	8085	8090	8094	8104	8110	8120	8123	8124	8129	8125	8116
13	8083	8077	8082	8080	8083	8081	8084	8082	8089	8101	8114	8103	8099	8094	8085
14	8071	8079	8081	8082	8083	8095	8097	8098	8101	8116	8115	8113	8100	8089	8075
15	8074	8074	8079	8079	8082	8083	8086	8088	8091	8104	8105	8114	8107	8101	8076
16	8075	8082	8077	8078	8074	8079	8082	8084	8086	8085	8092	8094	8096	8091	8087
17[a]	8076	8078	8076	8076	8078	8082	8085	8089	8098	8102	8112	8109	8104	8097	8092
18	8073	8075	8078	8074	8075	8080	8086	8091	8096	8105	8113	8110	8106	8097	8090
19[a]	8077	8078	8074	8075	8076	8078	8078	8079	8084	8088	8099	8096	8097	8096	8092
20	8071	8067	8069	8070	8070	8078	8082	8090	8094	8101	8110	8112	8106	8099	8093
21	8054	8053	8061	8063	8065	8072	8074	8075	8080	8089	8090	8091	8081	8074	8072
22	8071	8069	8069	8068	8068	8075	8082	8090	8089	8094	8100	8101	8099	8091	8088
23	8067	8071	8075	8079	8083	8085	8089	8089	8090	8089	8092	8085	8081	8080	8075
24	8074	8075	8076	8074	8075	8082	8089	8096	8103	8105	8109	8109	8101	8089	8085
25	8077	8077	8081	8079	8084	8090	8088	8092	8112	8119	8119	8125	8129	8118	8117
26	8076	8076	8072	8075	8074	8077	8089	8089	8095	8106	8112	8111	8104	8092	8087
27	8073	8073	8075	8075	8075	8080	8091	8100	8105	8111	8109	8102	8099	8095	8085
28[a]	8076	8074	8077	8075	8079	8083	8091	8098	8108	8114	8115	8115	8107	8101	8095
29	8078	8080	8078	8081	8076	8084	8094	8098	8111	8116	8115	8111	8098	8093	8086
30	8076	8078	8078	8075	8076	8079	8089	8092	8096	8106	8108	8104	8100	8090	8087
31	8073	8075	8075	8076	8078	8084	8088	8087	8090	8096	8105	8107	8110	8115	8110
Mean	8077	8078	8079	8079	8080	8084	8089	8093	8101	8108	8113	8112	8108	8102	8095
Mean[a]	8079	8079	8079	8078	8080	8083	8088	8092	8099	8106	8113	8110	8105	8101	8096

AUGUST, 1913.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	8079	8077	8077	8078	8081	8089	8100	8108	8118	8126	8128	8121	8116	8107	8100
2	8087	8085	8084	8083	8086	8092	8097	8103	8111	8118	8119	8119	8116	8117	8107
3	8081	8088	8090	8094	8097	8102	8106	8100	8107	8109	8111	8109	8104	8098	8091
4	8084	8078	8079	8081	8079	8087	8093	8094	8102	8106	8109	8110	8100	8097	8092
5[a]	8082	8080	8080	8087	8098	8095	8099	8109	8111	8114	8119	8117	8110	8098	8087
6	8088	8091	8090	8090	8091	8099	8103	8110	8125	8122	8121	8120	8106	8100	8091
7	8083	8084	8083	8085	8086	8093	8100	8106	8117	8123	8119	8113	8110	8104	8102
8	8078	8076	8079	8078	8079	8081	8084	8089	8097	8100	8102	8101	8102	8096	8093
9	8071	8079	8081	8080	8080	8084	8090	8094	8102	8109	8115	8117	8110	8104	8098
10	8080	8081	8079	8082	8085	8089	8086	8081	8087	8097	8104	8108	8109	8094	8090
11	8077	8078	8078	8081	8080	8085	8083	8088	8100	8104	8118	8117	8108	8104	8092
12	8074	8077	8079	8081	8078	8087	8088	8091	8103	8111	8117	8121	8110	8106	8093
13	8074	8075	8079	8081	8078	8088	8097	8105	8115	8117	8111	8104	8089	8089	8078
14	8076	8081	8078	8078	8076	8082	8086	8088	8096	8102	8105	8100	8093	8091	8085
15	8078	8079	8081	8079	8076	8080	8090	8098	8106	8116	8113	8105	8095	8087	8085
16	8079	8086	8079	8079	8078	8082	8087	8090	8097	8104	8101	8104	8105	8088	8078
17	8069	8071	8074	8077	8072	8076	8090	8103	8107	8112	8116	8116	8111	8106	8099
18	8075	8080	8079	8080	8078	8087	8097	8107	8123	8133	8124	8117	8110	8110	8100
19	8071	8073	8074	8075	8073	8083	8091	8097	8104	8110	8111	8109	8111	8106	8103
20[a]	8076	8076	8078	8077	8078	8078	8086	8096	8114	8126	8132	8127	8118	8105	8097
21	8087	8085	8086	8090	8091	8091	8093	8092	8090	8099	8106	8111	8113	8113	8106
22	8085	8088	8089	8088	8085	8087	8082	8085	8099	8113	8116	8118	8125	8121	8111
23	8088	8088	8085	8087	8084	8091	8097	8106	8124	8137	8143	8134	8125	8120	8113
24	8081	8086	8081	8094	8088	8088	8090	8098	8103	8118	8127	8125	8118	8117	8106
25	8082	8082	8082	8081	8082	8084	8087	8090	8102	8112	8120	8123	8122	8114	8108
26	8085	8088	8087	8088	8091	8089	8092	8099	8111	8116	8123	8123	8118	8113	8104
27	8092	8091	8092	8094	8092	8094	8093	8095	8104	8106	8095	8091	8097	8099	8095
28	8089	8091	8097	8094	8086	8085	8085	8086	8092	8099	8102	8106	8105	8108	8104
29[a]	8082	8088	8085	8078	8080	8085	8086	8090	8098	8113	8111	8112	8112	8109	8104
30[a]	8083	8082	8083	8085	8085	8088	8094	8101	8105	8110	8117	8117	8114	8115	8114
31	8095	8096	8097	8094	8092	8094	8098	8104	8116	8124	8120	8113	8108	8108	8104
Mean	8081	8083	8083	8084	8083	8088	8092	8097	8106	8113	8115	8114	8109	8105	8098
Mean[a]	8080	8081	8081	8081	8084	8087	8093	8101	8109	8118	8121	8119	8114	8107	8100

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1913.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8097	8094	8090	8089	8088	8089	8085	8082	8081	8092	12 00	8121	5 16	8076	45	1
8095	8088	8081	8078	8078	8077	8078	8079	8080	8089	11 24	8110	21 00	8077	33	2
8103	8096	8097	8095	8095	8094	8092	8091	8079	8096	11 19	8120	0 26	8074	46	3
8090	8087	8086	8085	8085	8084	8085	8084	8083	8090	10 50	8121	2 00	8077	44	4
8104	8097	8097	8098	8094	8092	8092	8092	8088	8100	11 00	8128	4 00	8082	46	5
8105	8101	8096	8097	8094	8094	8094	8091	8088	8098	14 00	8120	3 06	8083	37	6
8107	8097	8094	8092	8096	8088	8086	8084	8084	8102	11 00	8140	5 00	8082	58	7
8099	8095	8093	8092	8090	8088	8085	8086	8085	8097	11 22	8125	2 00	8080	45	8
8102	8103	(8099)	(8096)	(8095)	(8094)	(8090)	(8088)	(8086)	8100	12 00	8125	24 00	8086	39	9
8104	8102	8091	8089	8087	8089	8088	8081	8079	8100	12 00	8133	23 31	8074	59	10
8094	8087	8082	8082	8083	8083	8085	8085	8083	8096	12 00	8126	19 27	8081	45	11
8115	8112	8112	8111	8090	8078	8069	8090	8088	8101	13 00	8129	21 40	8065	64	12
8080	8074	8071	8077	8075	8078	8074	8073	8072	8084	11 00	8114	17 55	8070	44	13
8072	8065	8068	8071	8073	8074	8074	8077	8075	8085	11 16	8118	17 00	8065	53	14
8072	8073	8074	8077	8082	8076	8082	8083	8082	8085	11 44	8116	15 45	8071	45	15
8086	8075	8075	8076	8076	8071	8073	8074	8072	8081	13 00	8096	0 47	8070	26	16
8086	8077	8076	8075	8071	8072	8073	8074	8075	8085	11 00	8112	20 17	8068	44	17
8085	8079	8072	8073	8074	8074	8072	8071	8078	8084	11 00	8113	23 00	8071	42	18
8083	8079	8076	8072	8074	8075	8076	8074	8073	8081	11 00	8099	19 00	8072	27	19
8081	8084	8078	8058	8048	8049	8042	8045	8044	8077	12 00	8112	22 00	8042	70	20
8065	8064	8062	8065	8067	8069	8068	8069	8069	8070	12 00	8091	0 09	8042	49	21
8081	8077	8076	8074	8071	8072	8072	8068	8065	8080	12 00	8101	23 34	8062	39	22
8077	8073	8073	8073	8074	8075	8074	8074	8075	8079	11 00	8092	0 01	8065	27	23
8079	8073	8069	8067	8069	8072	8073	8069	8074	8083	11 17	8111	19 00	8067	44	24
8092	8077	8059	8065	8064	8067	8066	8064	8067	8089	13 00	8129	18 32	8053	76	25
8088	8084	8080	8082	8082	8079	8082	8078	8075	8086	11 00	8112	0 01	8068	44	26
8082	8074	8072	8075	8075	8074	8077	8076	8077	8085	10 25	8113	18 00	8072	41	27
8090	8089	8086	8086	8083	8080	8079	8076	8080	8090	10 35	8118	2 00	8074	44	28
8082	8079	8078	8077	8078	8078	8077	8076	8077	8088	10 20	8120	22 35	8075	45	29
8088	8086	8082	8079	8077	8077	8076	8075	8073	8085	11 00	8108	24 00	8073	35	30
8100	8091	8078	8077	8078	8081	8080	8076	8076	8088	14 00	8115	0 22	8071	44	31
8090	8085	8081	8081	8080	8079	8078	8078	8077	8089	----------	8116	----------	8071	45	------
8090	8087	8085	8083	8082	8081	8081	8079	8079	8089	----------	8115	----------	8075	40	--------

AUGUST, 1913.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8093	8091	8086	8084	8085	8083	8082	8085	8087	8095	11 00	8128	1 45	8076	52	1
8100	8095	8085	8082	8081	8081	8080	8077	8079	8095	11 05	8120	23 00	8077	43	2
8090	8088	8083	8083	8085	8081	8086	8083	8083	8094	11 00	8111	0 05	8080	31	3
8091	8094	8093	8096	8098	8094	8092	8088	8083	8092	12 00	8110	2 00	8078	32	4
8091	8087	8083	8081	8082	8083	8084	8089	8092	8094	11 20	8120	3 45	8079	41	5
8088	8092	8089	8086	8087	8086	8085	8081	8084	8097	9 00	8125	23 00	8081	44	6
8096	8090	8085	8088	8086	8079	8078	8079	8079	8094	10 20	8124	22 15	8076	48	7
8095	8095	8091	8087	8084	8082	8074	8070	8074	8087	10 30	8103	23 00	8070	33	8
8093	8083	8061	8050	8059	8065	8064	8070	8082	8085	12 00	8117	19 00	8050	67	9
8086	8081	8078	8077	8061	8065	8077	8077	8081	8085	11 55	8110	20 00	8061	49	10
8087	8085	8081	8085	8064	8076	8078	8079	8078	8088	11 15	8120	20 00	8064	56	11
8088	8084	8078	8081	8080	8077	8075	8076	8074	8089	12 15	8122	21 15	8073	49	12
8074	8073	8073	8071	8072	8072	8074	8074	8076	8085	10 00	8117	19 00	8071	46	13
8079	8079	8082	8081	8083	8081	8080	8077	8082	8085	11 00	8105	0 50	8075	30	14
8087	8092	8082	8079	8071	8078	8084	8087	8083	8088	10 00	8116	20 00	8071	45	15
8077	8076	8078	8080	8073	8070	8067	8067	8067	8083	11 45	8107	23 05	8066	41	16
8093	8084	8076	8076	8074	8071	8074	8074	8075	8087	11 40	8117	0 40	8068	49	17
8090	8076	8073	8070	8069	8071	8070	8071	8070	8090	10 00	8133	20 00	8069	64	18
8089	8085	8080	8079	8077	8077	8074	8076	8075	8088	10 20	8112	0 05	8070	42	19
8089	8089	8086	8082	8082	8079	8080	8081	8084	8092	11 00	8132	0 05	8075	57	20
8100	8097	8088	8089	8089	8089	8089	8086	8088	8094	12 20	8114	0 05	8084	30	21
8107	8104	8098	8097	8097	8098	8094	8092	8088	8099	13 00	8125	7 00	8082	43	22
8114	8106	8098	8090	8083	8088	8087	8085	8079	8102	11 00	8143	22 25	8078	65	23
8098	8095	8086	8086	8084	8083	8081	8084	8082	8096	11 15	8128	22 00	8081	47	24
8101	8097	8097	8092	8097	8095	8096	8094	8094	8097	12 40	8124	4 20	8080	44	25
8101	8096	8097	8092	8090	8095	8093	8094	8095	8099	11 20	8124	1 00	8085	39	26
8090	8090	8087	8090	8086	8088	8086	8087	8088	8093	10 00	8106	20 05	8085	21	27
8095	8093	8093	8090	8090	8086	8085	8089	8086	8093	14 00	8108	21 55	8084	24	28
8101	8093	8085	8082	8082	8083	8081	8081	8081	8092	10 45	8114	4 00	8078	36	29
8106	8101	8100	8099	8101	8099	8098	8099	8097	8100	11 05	8118	2 00	8082	36	30
8097	8093	8089	8091	8086	8086	8087	8087	8089	8099	10 30	8125	6 35	8085	40	31
8093	8090	8085	8084	8082	8082	8082	8082	8082	8092	----------	8118	----------	8075	43	--------
8096	8092	8088	8086	8086	8085	8085	8087	8088	8095	----------	8122	----------	8078	44	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1913.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8089	8089	8090	8090	8090	8095	8101	8110	8120	8119	8118	8108	8106	8102	8104
2	8083	8082	8087	8087	8086	8090	8099	8105	8110	8107	8106	8099	8096	8097	8098
3	8077	8080	8082	8086	8081	8091	8088	8093	8095	8092	8085	8080	8073	8079	8085
4[a]	8077	8075	8074	8078	8078	8081	8086	8088	8103	8120	8122	8114	8101	8093	8086
5	8078	8079	8082	8082	8085	8085	8081	8082	8091	8094	8095	8095	8092	8091	8092
6	8088	8084	8084	8088	8090	8090	8093	8103	8107	8118	8115	8124	8125	8119	8107
7	8071	8084	8081	8078	8077	8082	8095	8097	8102	8109	8108	8111	8110	8102	8093
8	8072	8071	8069	8072	8075	8076	8076	8081	8091	8095	8091	8078	8081	8078	8059
9	8066	8066	8066	8061	8068	8066	8062	8065	8065	8078	8091	8084	8045	8057	8063
10	8061	8062	8058	8056	8055	8057	8063	8062	8069	8081	8093	8088	8081	8081	8064
11	8058	8055	8066	8069	8059	8060	8066	8074	8091	8104	8101	8090	8078	8059	8050
12	8053	8055	8053	8056	8055	8059	8063	8069	8083	8085	8094	8091	8090	8082	8084
13	8060	8058	8068	8062	8066	8068	8072	8081	8096	8103	8103	8095	8089	8083	8076
14[a]	8061	8063	8060	8058	8059	8059	8061	8065	8072	8077	8082	8088	8087	8083	8072
15	8066	8067	8070	8069	8068	8068	8074	8075	8097	8105	8101	8097	8082	8077	8074
16	8067	8066	8071	8072	8072	8076	8085	8096	8113	8124	8130	8121	8102	8091	8079
17	8073	8070	8072	8069	8071	8075	8082	8097	8111	8126	8129	8125	8117	8103	8093
18	8077	8079	8078	8073	8078	8080	8085	8089	8102	8121	8123	8128	8121	8110	8118
19	8081	8080	8075	8072	8076	8079	8079	8093	8109	8118	8126	8123	8115	8101	8095
20[a]	8083	8084	8083	8086	8089	8088	8097	8103	8122	8136	8140	8136	8128	8116	8101
21	8081	8081	8080	8085	8088	8084	8094	8105	8124	8144	8147	8137	8124	8109	8105
22	8082	8081	8084	8082	8081	8079	8078	8080	8086	8100	8110	8118	8122	8112	8104
23	8089	8080	8072	8074	8079	8075	8071	8070	8073	8089	8097	8097	8090	8088	8086
24	8069	8070	8068	8070	8071	8074	8076	8077	8087	8105	8115	8116	8111	8106	8096
25	8088	8090	8088	8091	8092	8090	8089	8105	8121	8121	8129	8128	8117	8114	8108
26	8081	8081	8082	8081	8084	8085	8083	8090	8111	8131	8144	8146	8140	8132	8123
27[a]	8093	8091	8090	8091	8089	8087	8089	8092	8103	8120	8136	8133	8128	8115	8107
28	8094	8093	8095	8096	8097	8099	8102	8102	8114	8122	8130	8130	8123	8110	8095
29[a]	8093	8092	8089	8085	8085	8083	8088	8095	8107	8120	8133	8132	8125	8121	8107
30	8096	8096	8095	8098	8097	8096	8097	8111	8127	8141	8146	8140	8131	8123	8115
Mean	8077	8077	8077	8077	8078	8079	8082	8088	8100	8110	8115	8112	8104	8098	8091
Mean[a]	8081	8081	8079	8080	8080	8080	8084	8089	8101	8115	8123	8121	8114	8106	8095

OCTOBER, 1913.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8084	8079	8091	8087	8085	8088	8085	8089	8097	8117	8122	8111	8105	8099	8097
2[a]	8080	8090	8091	8091	8090	8087	8086	8088	8097	8113	8124	8129	8128	8121	8109
3[a]	8093	8093	8093	8092	8093	8091	8090	8097	8111	8133	8137	8133	8125	8115	8108
4	8091	8091	8092	8094	8093	8098	8099	8104	8113	8127	8142	8143	8134	8126	8119
5	8092	8090	8092	8093	8094	8111	8114	8122	8137	8137	8133	8111	8087	8083	8084
6	8072	8071	8072	8074	8076	8078	8085	8091	8101	8123	8109	8115	8095	8060	8018
7	8055	8062	8064	8064	8065	8066	8070	8079	8097	8096	8115	8107	8099	8086	8068
8	8060	8062	8069	8073	8071	8064	8064	8068	8088	8092	8104	8088	8069	8061	8057
9	8070	8068	8072	8071	8072	8068	8064	8074	8088	8108	8117	8117	8109	8098	8085
10	8080	8081	8080	8080	8079	8075	8068	8076	8085	8099	8112	8103	8085	8081	8081
11	8076	8075	8070	8069	8071	8071	8075	8081	8090	8093	8105	8101	8090	8078	8079
12	8072	8070	8071	8072	8072	8071	8073	8082	8098	8110	8111	8108	8096	8085	8081
13	8071	8070	8076	8073	8080	8081	8079	8082	8089	8104	8107	8102	8096	8082	8069
14	8065	8071	8066	8067	8071	8072	8075	8084	8097	8108	8113	8108	8097	8086	8079
15	8074	8077	8077	8078	8078	8079	8081	8088	8103	8110	8115	8110	8105	8093	8089
16	8077	8074	8076	8074	8075	8074	8078	8085	8097	8106	8116	8110	8101	8095	8094
17	8080	8079	8080	8079	8081	8076	8076	8082	8086	8096	8105	8104	8098	8092	8091
18	8081	8080	8078	8077	8078	8078	8083	8088	8099	8111	8116	8113	8108	8101	8098
19	8079	8080	8078	8067	8065	8063	8059	8048	8060	8069	8076	8083	8073	8065	8060
20	8053	8058	8060	8064	8065	8071	8074	8078	8084	8093	8102	8104	8096	8082	8071
21	8062	8069	8072	8070	8072	8070	8073	8077	8086	8093	8098	8095	8089	8088	8084
22	8083	8082	8080	8080	8079	8080	8085	8093	8108	8116	8131	8130	8121	8113	8096
23[a]	8081	8081	8081	8083	8080	8084	8086	8088	8102	8114	8122	8119	8113	8108	8098
24[a]	8080	8079	8077	8079	8079	8079	8084	8090	8105	8119	8126	8125	8121	8110	8099
25	8081	8081	8083	8082	8079	8080	8084	8094	8106	8121	8129	8125	8113	8098	8088
26	8083	8082	8077	8073	8072	8075	8080	8086	8091	8099	8105	8106	8101	8091	8084
27	8076	8074	8074	8075	8076	8078	8084	8090	8102	8110	8117	8118	8115	8112	8106
28[a]	8088	8087	8081	8085	8085	8089	8098	8104	8117	8131	8135	8130	8124	8113	8103
29	8084	8084	8084	8083	8085	8088	8092	8101	8111	8119	8124	8124	8118	8115	8104
30	8088	8088	8086	8086	8086	8085	8087	8094	8106	8115	8120	8125	8114	8105	8101
31	8082	8082	8082	8080	8079	8079	8081	8085	8090	8105	8112	8106	8097	8090	8082
Mean	8078	8078	8078	8078	8078	8079	8081	8087	8098	8109	8116	8113	8104	8095	8087
Mean[a]	8086	8086	8085	8086	8085	8086	8089	8093	8106	8122	8129	8127	8122	8113	8103

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[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1913.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8104	8108	8109	8107	8103	8101	8097	8089	8097	8102	9 00	8120	22 55	8086	34	1
8099	8092	8088	8082	8082	8077	8078	8079	8078	8091	9 00	8110	21 00	8077	33	2
8082	8081	8081	8082	8084	8082	8084	8080	8082	8084	9 05	8096	13 05	8072	24	3
8081	8081	8077	8075	8075	8074	8072	8076	8080	8086	10 45	8123	22 00	8072	51	4
8094	8090	8091	8085	8089	8088	8088	8086	8083	8087	11 05	8096	1 00	8078	18	5
8096	8085	8063	8056	8064	8071	8080	8071	8070	8091	9 55	8126	19 00	8056	70	6
8065	8064	8076	8076	8074	8073	8065	8081	8074	8085	10 20	8112	16 50	8063	49	7
8058	8063	8068	8044	8043	8029	8060	8058	8061	8069	10 25	8097	20 55	8028	69	8
8067	8057	8034	8046	8043	8056	8058	8061	8063	8062	11 00	8091	17 45	8033	58	9
8062	8056	8056	8047	8054	8055	8056	8057	8057	8064	11 15	8095	19 00	8047	48	10
8053	8055	8052	8051	8058	8054	8052	8051	8048	8065	10 50	8106	24 00	8048	58	11
8087	8081	8064	8061	8058	8062	8061	8055	8059	8069	11 00	8094	0 05	8052	42	12
8069	8066	8065	8054	8059	8061	8058	8064	8059	8072	10 05	8104	19 00	8054	50	13
8065	8065	8059	8059	8059	8056	8062	8061	8065	8067	12 00	8088	21 00	8056	32	14
8074	8072	8068	8072	8068	8070	8066	8060	8062	8075	10 00	8105	22 35	8059	46	15
8072	8074	8073	8073	8072	8073	8074	8072	8077	8084	11 00	8130	2 00	8066	64	16
8091	8084	8076	8069	8067	8072	8067	8081	8076	8087	11 00	8129	19 25	8066	63	17
8117	8110	8108	8100	8093	8086	8083	8080	8083	8097	12 00	8128	4 00	8073	55	18
8086	8092	8088	8088	8086	8086	8083	8080	8079	8091	10 45	8128	4 00	8072	56	19
8092	8089	8085	8081	8080	8080	8079	8078	8081	8097	11 25	8141	23 00	8078	63	20
8098	8092	8089	8092	8090	8088	8086	8084	8080	8099	10 25	8148	23 35	8078	70	21
8101	8089	8064	8039	8026	8052	8048	8048	8057	8080	13 00	8122	20 00	8026	96	22
8076	8072	8057	8062	8063	8069	8068	8069	8070	8076	10 55	8098	18 00	8057	41	23
8094	8090	8089	8088	8084	8086	8083	8080	8086	8087	12 00	8116	3 00	8068	48	24
8101	8099	8092	8091	8084	8080	8081	8078	8078	8098	11 00	8129	22 55	8077	52	25
8114	8102	8102	8108	8107	8105	8107	8100	8096	8106	12 00	8146	0 05	8080	66	26
8100	8095	8092	8089	8092	8093	8094	8094	8094	8100	11 00	8136	6 00	8087	49	27
8093	8098	8098	8099	8099	8095	8091	8090	8091	8102	10 50	8132	23 00	8090	42	28
8102	8101	8098	8099	8099	8099	8097	8096	8094	8102	11 00	8133	6 00	8083	50	29
8107	8104	8105	8103	8101	8098	8096	8095	8090	8109	11 00	8146	24 00	8090	56	30
8087	8084	8079	8076	8075	8076	8076	8075	8075	8086	----------	8118	----------	8066	52	--------
8088	8086	8082	8081	8081	8080	8081	8081	8083	8090	----------	8124	----------	8075	49	--------

OCTOBER, 1913.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8099	8095	8090	8092	8090	8085	8087	8088	8089	8094	10 35	8123	2 00	8079	44	1
8099	8096	8094	8099	8101	8099	8096	8094	8093	8100	12 00	8129	7 00	8086	43	2
8105	8099	8096	8095	8091	8091	8091	8091	8094	8102	11 00	8137	7 00	8090	47	3
8112	8106	8101	8099	8102	8096	8092	8092	8091	8107	11 05	8144	21 50	8090	54	4
8085	8084	8072	8079	8077	8081	8073	8064	8067	8094	9 35	8138	23 00	8064	74	5
8016	8009	8010	8028	8045	8041	8046	8053	8054	8064	10 00	8123	17 00	8009	114	6
8068	8053	8059	8056	8059	8055	8049	8070	8067	8072	11 00	8115	22 00	8049	66	7
8049	8052	8062	8074	8075	8073	8075	8078	8071	8071	11 00	8104	16 00	8049	55	8
8083	8084	8081	8081	8073	8077	8076	8081	8080	8083	11 30	8118	7 00	8064	54	9
8080	8069	8059	8059	8068	8069	8070	8075	8074	8079	11 00	8112	6 35	8056	56	10
8075	8075	8074	8074	8074	8073	8074	8072	8073	8079	11 25	8108	4 00	8069	39	11
8078	8075	8073	8069	8065	8066	8069	8067	8070	8079	11 40	8112	19 40	8064	48	12
8067	8068	8070	8069	8070	8071	8071	8068	8067	8078	10 55	8108	23 55	8066	42	13
8079	8073	8073	8072	8074	8074	8073	8076	8075	8080	11 00	8113	1 00	8065	48	14
8086	8088	8090	8086	8082	8079	8078	8075	8076	8087	11 00	8115	1 00	8074	41	15
8087	8085	8085	8085	8084	8085	8083	8085	8082	8087	11 00	8116	0 05	8073	43	16
8080	8089	8086	8085	8085	8085	8083	8081	8080	8086	11 00	8105	3 50	8078	27	17
8104	8110	8112	8104	8100	8097	8092	8087	8088	8095	11 00	8116	4 00	8077	39	18
8059	8055	8048	8053	8048	8051	8040	8046	8051	8062	11 45	8085	22 00	8040	45	19
8062	8050	8043	8053	8053	8051	8051	8057	8056	8068	11 45	8106	17 40	8041	65	20
8085	8085	8084	8083	8083	8082	8080	8080	8084	8081	11 00	8098	0 05	8060	38	21
8089	8086	8087	8086	8078	8073	8071	8074	8078	8092	11 00	8131	22 00	8071	60	22
8091	8090	8090	8090	8088	8085	8082	8082	8080	8092	11 00	8122	5 00	8080	42	23
8093	8093	8090	8089	8089	8087	8085	8084	8083	8094	11 00	8126	3 00	8077	49	24
8083	8081	8081	8081	8082	8080	8082	8082	8082	8091	11 00	8129	5 00	8079	50	25
8083	8084	8085	8083	8082	8079	8075	8076	8074	8084	12 00	8106	5 00	8072	34	26
8098	8093	8090	8089	8089	8088	8089	8091	8091	8093	12 00	8118	1 05	8073	45	27
8101	8093	8091	8094	8094	8093	8089	8090	8088	8100	11 00	8135	3 00	8081	54	28
8100	8097	8093	8092	8092	8089	8087	8086	8086	8097	11 15	8125	4 00	8083	42	29
8096	8093	8091	8087	8089	8088	8089	8085	8087	8095	12 00	8125	6 00	8085	40	30
8076	8070	8064	8060	8069	8075	8073	8076	8076	8082	10 55	8113	19 00	8060	53	31
8083	8080	8078	8079	8079	8078	8076	8078	8078	8086	----------	8118	----------	8068	50	--------
8098	8094	8092	8093	8093	8091	8089	8088	8088	8098	----------	8130	----------	8083	47	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1913.

30000 γ plus tabular quantities.

DAY.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	19 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8072	8072	8073	8072	8077	8076	8082	8087	8104	8111	8116	8113	8105	8096	8089
2	8080	8076	8078	8077	8079	8081	8084	8091	8101	8104	8110	8105	8105	8092	8071
3	8063	8066	8069	8067	8067	8064	8064	8072	8079	8082	8088	8088	8082	8089	8089
4[a]	8066	8065	8066	8065	8063	8065	8069	8074	8080	8090	8094	8092	8086	8076	8071
5	8073	8072	8072	8073	8074	8073	8076	8078	8088	8097	8107	8110	8100	8091	8085
6	8077	8077	8079	8078	8076	8073	8074	8075	8084	8093	8105	8106	8106	8095	8084
7	8068	8071	8065	8072	8072	8069	8073	8080	8083	8090	8089	8081	8083	8077	8076
8	8066	8063	8069	8069	8071	8072	8075	8082	8088	8100	8101	8097	8090	8078	8074
9	8070	8068	8069	8069	8069	8070	8070	8075	(8087)	(8100)	(8110)	(8106)	(8096)	(8087)	(8078)
10	8070	8073	8071	8069	8071	8074	8076	8083	8092	8104	8109	8107	8102	8092	8085
11	8082	8081	8078	8079	8077	8079	8083	8088	8090	8105	8108	8110	8106	8103	8097
12	8082	8083	8082	8075	8075	8078	8080	8086	(8096)	(8106)	(8115)	(8116)	(8109)	(8098)	(8093)
13	8077	8073	8071	8069	8070	8070	8076	8087	8103	8117	8131	8134	8121	8104	8097
14[a]	8075	8074	8074	8073	8071	8071	8071	8074	8086	8101	8115	8116	8108	8099	8086
15[a]	8072	8072	8071	8072	8072	8070	8070	8070	8076	8085	8095	8096	8095	8091	8088
16[a]	8069	8071	8072	8074	8072	8074	8077	8082	8091	8098	8104	8103	8096	8091	8093
17	8081	8079	8077	8076	8078	8078	8078	8082	8091	8101	8109	8112	8111	8106	8101
18	8087	8085	8082	8082	8080	8078	8077	8080	8085	8099	8112	8117	8109	8102	8095
19	8081	8081	8078	8081	8083	8086	8088	8096	8104	8112	8117	8115	8105	8101	8099
20	8087	8086	8085	8089	8088	8086	8086	8091	8099	8109	8112	8116	8116	8109	8101
21	8085	8086	8085	8087	8087	8091	8091	8096	8108	8115	8118	8114	8107	8102	8097
22	8081	8077	8076	8074	8075	8074	8079	8081	8085	8090	8092	8090	8086	8082	8081
23	8061	8061	8057	8058	8057	8058	8059	8064	8072	8085	8090	8090	8092	8087	8078
24	8066	8067	8069	8067	8069	8068	8071	8074	8080	8087	8090	8087	8088	8084	8077
25[a]	8061	8061	8060	8059	8059	8058	8061	8066	8075	8084	8088	8089	8090	8086	8080
26	8061	8059	8060	8057	8059	8058	8059	8060	8061	8071	8075	8073	8076	8077	8073
27	8062	8061	8058	8059	8057	8058	8062	8064	8071	8077	8075	8071	8067	8064	8062
28	8040	8045	8046	8045	8043	8046	8048	8052	8057	8061	8070	8072	8072	8073	8066
29	8063	8062	8056	8055	8054	8059	8059	8059	8063	8063	8064	8062	8061	8066	8068
30	8059	8060	8061	8062	8060	8061	8062	8063	8066	8070	8076	8079	8078	8077	8074
Mean	8071	8071	8070	8070	8070	8071	8073	8077	8085	8094	8100	8099	8095	8089	8084
Mean[a]	8069	8069	8069	8069	8067	8068	8070	8073	8082	8092	8099	8099	8095	8089	8084

DECEMBER, 1913.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8062	8060	8058	8059	8059	8061	8061	8062	8067	8074	8078	8078	8079	8074	8073
2	8065	8063	8060	8059	8058	8059	8058	8060	8064	8067	8070	8071	8071	8067	8069
3	8061	8058	8057	8054	8052	8050	8055	8058	8060	8067	8071	8072	8069	8069	8069
4	8061	8058	8058	8056	8052	8051	8052	8055	8058	8061	8062	8061	8058	8058	8060
5	8055	8051	8050	8049	8048	8048	8050	8053	8058	8060	8060	8054	8051	8048	8045
6	8037	8035	8035	8033	8031	8033	8034	8034	8037	8040	8041	8040	8037	8041	8038
7	8039	8040	8036	8037	8036	8038	8039	8041	8045	8046	8045	8047	8049	8051	8053
8	8050	8044	8047	8043	8043	8042	8044	8044	8047	8051	8050	8048	8046	8045	8047
9	8051	8048	8049	8046	8045	8045	8046	8049	8052	8055	8053	8054	8054	8054	8054
10[a]	8043	8038	8044	8040	8039	8037	8040	8041	8043	8046	8047	8046	8046	8046	8045
11[a]	8042	8039	8037	8034	8031	8029	8031	8033	8037	8038	8038	8036	8039	8043	8046
12	8047	8045	8042	8043	8043	8042	8042	8047	8051	8056	8058	8060	8058	8057	8057
13[a]	8056	8056	8054	8050	8048	8046	8046	8047	8050	8054	8060	8060	8060	8060	8060
14	8051	8049	8046	8041	8037	8036	8037	8040	8044	8045	8049	8048	8050	8053	8052
15	8044	8041	8039	8039	8039	8038	8040	8041	8046	8051	8053	8052	8054	8054	8054
16	8055	8052	8050	8050	8048	8048	8048	8048	8052	8056	8058	8063	8062	8067	8068
17[a]	8055	8050	8046	8044	8043	8042	8043	8044	8049	8053	8055	8056	8053	8049	8048
18	8050	8046	8046	8044	8045	8045	8044	8044	8047	8050	8052	8050	8049	8046	8043
19	8035	8035	8036	8034	8034	8031	8031	8035	8039	8041	8044	8045	8044	8045	8047
20	8035	8036	8035	8035	8033	8035	8035	8036	8039	8041	8040	8040	8039	8043	8041
21	8040	8041	8039	8037	8038	8037	8037	8037	8042	8046	8049	8048	8042	8045	8047
22	8049	8047	8047	8045	8046	8047	8045	8042	8042	8042	8047	8050	8050	8052	8055
23[a]	8057	8054	8052	8051	8053	8050	8051	8051	8055	8057	8058	8059	8057	8056	8056
24	8057	8054	8054	8053	8054	8052	8053	8054	8057	8058	8059	8058	8055	8055	8055
25	8058	8057	8054	8056	8055	8056	8058	8058	8062	8066	8067	8064	8058	8052	8051
26	8054	8054	8053	8053	8051	8056	8054	8058	8060	8060	8061	8057	8056	8052	8053
27	8059	8056	8058	8052	8052	8051	8052	8054	8056	8060	8062	8059	8051	8051	8053
28	8058	8057	8052	8052	8053	8051	8053	8056	8059	8064	8066	8063	8059	8056	8053
29	8050	8049	8047	8047	8048	8048	8050	8051	8053	8056	8060	8058	8054	8055	8056
30	8056	8056	8057	8055	8056	8058	8062	8061	8063	8067	8072	8072	8062	8056	8051
31	8046	8045	8043	8041	8038	8037	8039	8041	8046	8051	8051	8053	8047	8046	8048
Mean	8051	8049	8048	8046	8045	8045	8046	8048	8051	8054	8056	8056	8054	8053	8053
Mean[a]	8051	8047	8047	8044	8043	8041	8042	8043	8047	8050	8052	8051	8051	8051	8051

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1913.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8083	8076	8076	8076	8073	8073	8077	8075	8069	8084	11	00	8116	24	00	8069	47	**1**
8057	8059	8067	8072	8077	8070	8066	8069	8058	8080	11	00	8110	16	35	8055	55	**2**
8084	8078	8072	8072	8067	8059	8063	8069	8067	8073	11	20	8091	21	05	8058	33	**3**
8071	8071	8070	8069	8067	8068	8067	8070	8072	8073	11	00	8094	5	00	8063	31	**4**
8083	8074	8069	8072	8073	8074	8075	8073	8075	8081	12	00	8110	18	00	8069	41	**5**
8079	8071	8073	8077	8078	8079	8078	8076	8076	8082	12	40	8107	17	30	8070	37	**6**
8075	8074	8075	8072	8076	8074	8073	8072	8073	8076	10	20	8092	3	00	8065	27	**7**
8074	8074	8074	8069	8073	8066	8068	8070	8072	8076	11	00	8101	2	00	8063	38	**8**
(8076)	8075	8074	8073	8072	8073	8075	8070	8072	8078	11	00	(8110)	2	00	8068	42	**9**
8084	8083	8082	8081	8081	8082	8080	8080	8081	8084	11	00	8109	4	00	8069	40	**10**
8091	8090	8087	8086	8083	8079	8080	8081	8078	8088	12	00	8110	5	00	8077	33	**11**
(8090)	8088	8088	8086	8084	8085	8084	8083	8080	8089	12	00	(8116)	3	55	8074	42	**12**
8091	8088	8083	8078	8077	8079	8074	8076	8077	8088	12	00	8134	4	00	8069	65	**13**
8083	8082	8080	8076	8077	8075	8077	8076	8074	8083	12	00	8116	5	25	8070	46	**14**
8079	8078	8079	8081	8077	8075	8072	8073	8071	8078	12	00	8096	5	55	8069	27	**15**
8091	8089	8089	8087	8086	8083	8084	8081	8080	8085	11	00	8104	0	15	8068	36	**16**
8100	8097	8095	8094	8090	8094	8093	8091	8089	8092	12	00	8112	4	00	8076	36	**17**
8090	8088	8086	8086	8086	8086	8082	8081	8077	8089	12	00	8117	7	00	8077	40	**18**
8094	8092	8091	8089	8090	8089	8094	8089	8088	8093	11	00	8117	3	00	8078	39	**19**
8092	8091	8088	8089	8087	8086	8083	8084	8083	8093	11	55	8118	23	20	8082	36	**20**
8096	8097	8093	8096	8094	8092	8091	8088	8085	8096	11	00	8118	0	05	8084	34	**21**
8080	8076	8072	8068	8068	8066	8065	8065	8061	8077	11	00	8092	24	00	8061	31	**22**
8068	8067	8066	8065	8064	8068	8066	8067	8063	8069	12	20	8093	2	25	8056	37	**23**
8073	8070	8068	8068	8067	8066	8065	8063	8062	8073	11	00	8090	24	00	8062	28	**24**
8073	8071	8071	8070	8069	8070	8068	8064	8061	8071	13	00	8090	6	00	8058	32	**25**
8073	8074	8075	8072	8069	8067	8062	8063	8064	8067	14	00	8077	4	00	8057	20	**26**
8061	8060	8060	8060	8059	8057	8053	8046	8043	8061	10	00	8077	24	00	8043	34	**27**
8063	8064	8064	8063	8061	8062	8071	8068	8065	8059	14	00	8073	1	00	8040	33	**28**
8067	8065	8065	8065	8070	8068	8065	8065	8062	8063	20	00	8070	5	00	8054	16	**29**
8072	8073	8074	8073	8073	8069	8066	8068	8066	8068	12	00	8079	0	05	8058	21	**30**
8080	8078	8077	8076	8076	8075	8074	8073	8071	8079	----------		8101	----------		8065	36	--------
8079	8078	8078	8077	8075	8075	8074	8073	8072	8078	----------		8100	----------		8066	34	--------

DECEMBER, 1913.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8075	8076	8076	8076	8074	8071	8070	8068	8067	8069	13	00	8079	3	00	8058	21	**1**
8068	8074	8076	8080	8076	8074	8070	8066	8065	8067	19	00	8080	3	18	8057	23	**2**
8069	8071	8073	8074	8071	8070	8067	8067	8065	8065	19	00	8074	6	00	8050	24	**3**
8063	8065	8065	8066	8064	8066	8065	8062	8059	8060	18	34	8071	6	00	8051	20	**4**
8042	8044	8042	8039	8037	8037	8036	8035	8037	8047	9	47	8064	23	00	8035	29	**5**
8040	8040	8042	8043	8044	8042	8042	8040	8041	8038	20	00	8044	5	00	8031	13	**6**
8053	8058	8063	8062	8063	8059	8055	8053	8054	8048	19	33	8064	2	35	8035	29	**7**
8049	8053	8056	8056	8057	8053	8053	8052	8051	8049	20	00	8057	6	00	8042	15	**8**
8050	8049	8050	8051	8051	8051	8047	8046	8044	8050	10	00	8055	24	00	8044	11	**9**
8045	8046	8052	8052	8050	8049	8045	8046	8044	8045	18	39	8053	6	00	8037	16	**10**
8048	8051	8052	8051	8052	8050	8051	8048	8048	8042	18	28	8053	6	00	8029	24	**11**
8056	8057	8059	8059	8059	8059	8059	8056	8056	8053	12	00	8060	6	13	8041	19	**12**
8060	8059	8060	8060	8057	8058	8055	8055	8054	8055	11	24	8061	6	30	8045	16	**13**
8052	8053	8053	8054	8052	8051	8045	8042	8039	8047	19	00	8054	6	00	8036	18	**14**
8057	8059	8058	8056	8057	8058	8056	8055	8055	8050	17	00	8059	6	00	8038	21	**15**
8067	8068	8068	8068	8064	8064	8061	8059	8057	8058	15	32	8070	5	25	8047	23	**16**
8047	8048	8049	8049	8050	8050	8050	8049	8048	8049	12	00	8056	6	00	8042	14	**17**
8042	8042	8039	8039	8039	8040	8035	8037	8036	8044	11	00	8052	22	10	8034	18	**18**
8045	8047	8048	8048	8047	8039	8035	8029	8033	8039	19	32	8049	23	00	8029	20	**19**
8042	8044	8043	8046	8047	8044	8044	8041	8042	8040	20	00	8047	5	00	8033	14	**20**
8049	8051	8054	8056	8056	8055	8052	8050	8049	8046	18	50	8057	4	07	8036	21	**21**
8061	8067	8070	8071	8068	8067	8065	8062	8060	8054	19	00	8071	8	48	8041	30	**22**
8058	8060	8062	8063	8061	8061	8061	8061	8058	8057	19	00	8063	6	00	8050	13	**23**
8058	8062	8064	8062	8061	8063	8060	8061	8058	8057	18	00	8064	6	00	8052	12	**24**
8050	8049	8047	8043	8050	8051	8055	8054	8055	8055	11	00	8067	19	00	8043	24	**25**
8056	8056	8059	8057	8063	8063	8062	8061	8065	8057	9	41	8068	4	20	8048	20	**26**
8055	8060	8059	8059	8059	8058	8054	8054	8053	8056	11	00	8062	13	43	8050	12	**27**
8053	8057	8057	8058	8057	8057	8055	8053	8051	8056	11	00	8066	5	18	8050	16	**28**
8058	8062	8063	8064	8064	8065	8061	8059	8060	8056	21	00	8065	4	28	8046	19	**29**
8054	8058	8055	8058	8059	8059	8056	8053	8049	8059	11	30	8073	24	00	8049	24	**30**
8047	8043	8048	8049	8050	8050	8046	8042	8040	8046	12	00	8053	6	00	8037	16	**31**
8054	8056	8057	8057	8057	8056	8054	8052	8051	8052	----------		8061	----------		8042	19	--------
8052	8053	8055	8055	8054	8054	8052	8052	8050	8050	----------		8057	----------		8040	17	--------

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1913.

10000 γ plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1131	1130	1129	1126	1123	1121	1117	1120	1126	1124	1112	1103	1103	1109	1113
2	1105	1104	1102	1099	1095	1092	1090	1088	1092	1090	1088	1081	1081	1092	1099
3	1109	1107	1107	1105	1103	1100	1096	1096	1096	1090	1076	1071	1086	1095	1105
4	1120	1115	1114	1113	1111	1109	1106	1106	1106	1104	1100	1098	1098	1102	1109
5	1119	1117	1114	1110	1110	1107	1105	1105	1103	1098	1090	1080	1079	1091	1103
6	1107	1107	1105	1104	1101	1095	1091	1091	1091	1083	1076	1073	1074	1083	1091
7 [a]	1093	1093	1090	1088	1085	1084	1081	1081	1080	1073	1069	1069	1069	1073	1085
8	1107	1105	1105	1103	1100	1098	1095	1095	1093	1088	1081	1079	1081	1093	1105
9	1122	1119	1117	1112	1108	1107	1104	1105	1103	1091	1087	1090	1094	1100	1114
10	1136	1138	1136	1136	1135	1135	1134	1134	1125	1118	1117	1115	1118	1122	1128
11	1135	1132	1132	1132	1131	1129	1129	1128	1124	1118	1112	1115	1120	1125	1129
12 [a]	1135	1136	1137	1137	1137	1136	1136	1135	1128	1122	1117	1114	1116	1118	1122
13	1126	1126	1126	1125	1124	1124	1124	1124	1117	1115	1106	1109	1112	1114	1122
14	1132	1132	1130	1130	1128	1126	1124	1122	1117	1108	1098	1097	1106	1115	1121
15	1132	1131	1131	1129	1129	1129	1129	1129	1124	1114	1103	1102	1107	1107	1116
16 [a]	1131	1130	1130	1129	1128	1128	1129	1130	1121	1114	1108	1105	1112	1120	1124
17	1136	1135	1135	1134	1134	1131	1133	1133	1126	1110	1103	1106	1112	1117	1123
18	1138	1137	1136	1136	1135	1134	1134	1133	1126	1117	1111	1115	1122	1125	1128
19	1135	1132	1133	1131	1130	1129	1128	1126	1119	1105	1103	1106	1109	1116	1122
20	1130	1130	1129	1128	1127	1125	1124	1123	1119	1108	1104	1112	1117	1118	1119
21	1128	1129	1129	1128	1125	1124	1124	1125	1120	1106	1104	1105	1111	1116	1121
22	1134	1134	1132	1132	1132	1131	1129	1130	1128	1116	1114	1116	1124	1130	1130
23	1130	1132	1129	1128	1128	1128	1125	1125	1123	1116	1110	1113	1114	1121	1131
24 [a]	1132	1132	1132	1131	1130	1130	1128	1129	1128	1124	1118	1116	1120	1124	1129
25	1129	1128	1128	1127	1125	1125	1124	1123	1120	1114	1113	1111	1112	1119	1125
26	1125	1125	1125	1124	1123	1121	1120	1120	1114	1100	1089	1090	1097	1109	1118
27	1122	1122	1122	1121	1119	1119	1120	1116	1103	1086	1078	1085	1094	1100	1110
28	1119	1117	1116	1115	1114	1114	1115	1114	1109	1091	1075	1077	1086	1097	1110
29	1115	1114	1113	1114	1110	1110	1112	1110	1105	1091	1072	1072	1081	1093	1103
30	1120	1118	1116	1115	1115	1114	1113	1116	1116	1111	1096	1086	1084	1084	1096
31	1126	1125	1124	1124	1122	1122	1121	1119	1111	1095	1085	1085	1087	1096	1103
Mean	1124	1124	1123	1121	1120	1119	1117	1117	1113	1105	1097	1097	1101	1107	1115
Mean [a]	1124	1124	1124	1122	1121	1120	1118	1119	1117	1111	1105	1101	1104	1109	1115

FEBRUARY, 1913.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1120	1119	1118	1117	1115	1115	1116	1117	1115	1114	1108	1100	1099	1108	1114
2	1124	1124	1122	1120	1120	1118	1118	1118	1116	1112	1105	1099	1098	1103	1107
3 [a]	1125	1124	1123	1123	1123	1122	1120	1119	1117	1116	1114	1111	1113	1119	1125
4 [a]	1132	1131	1130	1130	1129	1128	1125	1123	1120	1117	1114	1112	1115	1122	1126
5	1142	1141	1140	1139	1137	1136	1134	1132	1130	1128	1125	1125	1128	1129	1132
6	1148	1147	1145	1144	1142	1141	1141	1140	1138	1135	1132	1128	1131	1136	1139
7	1147	1147	1146	1146	1144	1143	1142	1142	1141	1140	1137	1131	1131	1137	1141
8	1149	1148	1147	1146	1144	1142	1141	1142	1140	1137	1135	1132	1131	1133	1137
9	1146	1145	1144	1143	1141	1139	1138	1136	1133	1131	1127	1127	1129	1134	1137
10	1144	1143	1142	1140	1138	1135	1132	1130	1128	1124	1118	1113	1117	1120	1127
11	1143	1142	1141	1140	1138	1138	1137	1134	1129	1123	1117	1112	1111	1117	1127
12	1140	1139	1137	1136	1135	1133	1132	1129	1127	1123	1120	1120	1118	1119	1129
13	1138	1137	1136	1135	1134	1133	1132	1130	1130	1129	1123	1114	1115	1121	1129
14	1142	1141	1140	1139	1136	1133	1133	1129	1124	1116	1114	1111	1112	1117	1124
15	1137	1135	1134	1133	1130	1129	1128	1125	1121	1118	1113	1114	1118	1121	1126
16	1143	1141	1140	1139	1138	1136	1136	1137	1138	1137	1135	1130	1123	1126	1132
17	1149	1147	1145	1144	1140	1137	1135	1132	1123	1115	1112	1109	1110	1115	1127
18	1141	1140	1139	1137	1135	1133	1132	1133	1131	1122	1116	1112	1110	1120	1126
19	1140	1138	1136	1134	1131	1129	1126	1123	1117	1111	1105	1104	1101	1107	1119
20	1140	1138	1136	1134	1132	1129	1127	1125	1121	1116	1113	1116	1122	1127	1130
21	1139	1139	1138	1137	1136	1133	1131	1130	1127	1123	1119	1121	1123	1127	1133
22	1138	1137	1136	1135	1133	1130	1129	1128	1127	1121	1116	1118	1123	1128	1134
23 [a]	1146	1144	1144	1143	1140	1138	1135	1134	1130	1122	1118	1121	1127	1131	1133
24 [a]	1149	1147	1145	1143	1140	1138	1137	1135	1130	1129	1127	1127	1128	1131	1134
25	1150	1149	1146	1144	1140	1137	1132	1130	1125	1118	1116	1114	1116	1121	1129
26	1151	1150	1147	1144	1140	1137	1135	1135	1134	1130	1130	1130	1126	1129	1134
27	1147	1146	1145	1144	1142	1139	1137	1135	1129	1124	1120	1121	1123	1126	1130
28 [a]	1135	1134	1132	1130	1128	1126	1124	1123	1120	1118	1117	1118	1117	1122	1127
Mean	1141	1140	1138	1137	1135	1133	1132	1130	1127	1123	1120	1118	1118	1123	1129
Mean [a]	1137	1136	1135	1134	1132	1130	1128	1127	1123	1120	1118	1118	1120	1125	1129

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[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1913.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1114	1113	1113	1110	1109	1107	1106	1105	1106	1115	0 05	1132	12 55	1102	30	1
1107	1110	1114	1116	1117	1115	1114	1113	1112	1101	20 00	1117	12 05	1080	37	2
1114	1121	1124	1126	1126	1127	1129	1120	1121	1106	22 00	1129	12 00	1071	58	3
1118	1123	1123	1125	1125	1123	1123	1122	1120	1113	20 05	1126	12 35	1097	29	4
1108	1110	1111	1111	1112	1111	1111	1110	1108	1105	1 00	1119	13 00	1079	40	5
1094	1101	1105	1104	1103	1103	1101	1097	1095	1095	0 05	1108	12 00	1073	35	6
1094	1104	1108	1110	1111	1110	1108	1108	1107	1091	20 00	1111	12 50	1068	43	7
1111	1115	1121	1127	1127	1125	1125	1125	1125	1105	19 05	1128	12 40	1078	50	8
1127	1129	1132	1132	1134	1134	1135	1132	1132	1115	22 00	1135	11 00	1087	48	9
1134	1135	1135	1135	1135	1136	1136	1136	1135	1131	2 00	1138	12 00	1115	23	10
1134	1136	1137	1137	1136	1136	1136	1135	1135	1130	18 30	1138	11 00	1112	26	11
1126	1125	1125	1126	1127	1128	1127	1127	1127	1128	3 30	1138	12 00	1114	24	12
1124	1129	1129	1129	1130	1131	1131	1131	1131	1123	21 30	1132	11 40	1105	27	13
1124	1127	1129	1130	1132	1133	1134	1134	1135	1124	21 50	1136	11 40	1096	40	14
1124	1128	1129	1131	1132	1132	1132	1133	1131	1124	23 00	1133	12 00	1102	31	15
1129	1129	1133	1134	1136	1137	1138	1138	1137	1127	22 10	1139	12 00	1105	34	16
1131	1134	1135	1137	1138	1137	1138	1139	1139	1129	23 30	1140	10 45	1102	38	17
1130	1133	1134	1136	1138	1137	1136	1136	1136	1131	20 20	1139	11 00	1111	28	18
1123	1125	1127	1129	1131	1131	1131	1130	1131	1124	0 05	1136	11 00	1103	33	19
1120	1123	1125	1127	1128	1128	1129	1130	1128	1123	0 05	1131	11 00	1104	27	20
1121	1123	1127	1130	1132	1133	1134	1134	1134	1123	22 10	1135	11 00	1104	31	21
1130	1130	1131	1132	1132	1132	1133	1132	1130	1129	22 35	1135	10 50	1113	22	22
1132	1131	1130	1132	1132	1132	1132	1132	1132	1127	20 10	1133	11 00	1110	23	23
1132	1132	1131	1132	1131	1132	1132	1131	1130	1129	0 05	1133	12 00	1116	17	24
1129	1128	1126	1125	1125	1125	1128	1128	1127	1124	0 50	1130	12 00	1111	19	25
1123	1123	1122	1121	1122	1122	1123	1122	1122	1117	0 30	1126	11 45	1088	38	26
1117	1119	1120	1120	1121	1121	1122	1122	1120	1112	0 05	1123	11 00	1078	45	27
1117	1119	1119	1118	1118	1118	1117	1117	1112	1109	17 15	1120	11 00	1075	45	28
1112	1117	1120	1121	1122	1123	1123	1122	1122	1108	21 30	1124	11 05	1071	53	29
1112	1127	1128	1130	1127	1129	1130	1129	1129	1114	16 50	1131	13 15	1083	48	30
1112	1114	1117	1119	1120	1121	1122	1122	1121	1113	0 05	1127	11 25	1084	43	31
1120	1123	1125	1126	1126	1126	1126	1126	1125	1118	----------	1130	----------	1095	35	--------
1119	1121	1122	1122	1123	1123	1122	1122	1121	1118	----------	1131	----------	1101	30	--------

FEBRUARY, 1913.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1121	1127	1126	1126	1126	1125	1125	1124	1124	1117	17 00	1127	12 50	1098	29	1
1113	1120	1123	1126	1127	1127	1128	1127	1126	1118	22 00	1128	13 00	1098	30	2
1128	1133	1133	1133	1134	1134	1134	1133	1133	1125	20 19	1135	12 00	1111	24	3
1131	1136	1139	1141	1142	1142	1142	1143	1143	1130	23 08	1144	12 00	1112	32	4
1136	1140	1145	1147	1148	1149	1149	1150	1150	1138	23 30	1151	11 27	1123	28	5
1144	1144	1146	1148	1148	1148	1149	1149	1149	1142	22 20	1150	12 00	1128	22	6
1144	1149	1152	1153	1155	1156	1156	1155	1153	1145	23 42	1158	12 27	1128	30	7
1141	1143	1145	1146	1146	1147	1147	1147	1148	1142	0 13	1150	13 27	1130	20	8
1139	1142	1144	1145	1145	1146	1146	1147	1147	1140	23 17	1149	10 48	1126	23	9
1136	1142	1144	1145	1145	1146	1146	1147	1147	1135	22 46	1148	12 00	1113	35	10
1136	1142	1143	1143	1143	1143	1143	1143	1142	1134	20 10	1144	12 47	1110	34	11
1136	1141	1141	1143	1143	1143	1142	1142	1142	1134	21 11	1145	11 19	1116	29	12
1138	1145	1144	1145	1145	1145	1146	1146	1145	1135	21 35	1147	12 15	1113	34	13
1133	1140	1139	1138	1148	1145	1142	1142	1141	1132	21 38	1152	12 00	1111	41	14
1131	1136	1139	1141	1144	1144	1145	1144	1144	1131	22 08	1147	11 24	1112	35	15
1141	1145	1147	1150	1150	1150	1150	1151	1150	1140	23 00	1151	13 00	1123	28	16
1134	1139	1142	1143	1144	1144	1144	1144	1143	1134	1 00	1149	12 00	1109	40	17
1134	1137	1139	1140	1142	1143	1143	1142	1140	1133	20 49	1144	12 44	1109	35	18
1129	1134	1139	1140	1141	1141	1142	1142	1141	1128	22 13	1143	13 24	1099	44	19
1133	1135	1137	1138	1139	1140	1140	1141	1140	1131	23 00	1141	11 00	1113	28	20
1139	1142	1141	1141	1139	1139	1139	1138	1138	1134	17 00	1142	11 00	1119	23	21
1141	1147	1149	1150	1151	1150	1149	1148	1147	1136	20 00	1151	11 00	1116	35	22
1139	1146	1147	1149	1149	1150	1150	1149	1149	1139	21 20	1151	11 00	1118	33	23
1139	1145	1147	1150	1151	1151	1152	1151	1151	1141	22 00	1152	10 25	1126	26	24
1137	1142	1145	1148	1150	1151	1151	1152	1152	1137	21 10	1153	12 00	1114	39	25
1136	1141	1145	1146	1146	1146	1147	1148	1147	1140	0 42	1152	11 46	1125	27	26
1134	1135	1136	1138	1139	1138	1137	1136	1135	1135	1 00	1147	11 00	1120	27	27
1131	1134	1135	1136	1137	1136	1135	1136	1136	1129	20 00	1137	12 32	1115	22	28
1135	1139	1141	1142	1143	1144	1144	1143	1143	1134	----------	1146	----------	1116	30	--------
1134	1139	1140	1142	1143	1143	1143	1142	1142	1133	----------	1144	----------	1116	28	--------

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1913.

10000 γ plus tabular quantities.

DAY.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 a	1132	1131	1131	1129	1128	1126	1125	1124	1118	1113	1114	1116	1118	1126	1129
2 a	1135	1134	1132	1131	1128	1127	1126	1126	1123	1119	1114	1114	1116	1123	1129
3	1134	1133	1130	1129	1126	1124	1123	1123	1120	1113	1110	1111	1116	1121	1127
4	1138	1139	1138	1136	1136	1134	1132	1128	1122	1118	1114	1117	1121	1128	1133
5	1138	1138	1137	1136	1135	1134	1132	1129	1123	1116	1112	1107	1114	1123	1127
6	1136	1135	1134	1133	1131	1130	1129	1125	1122	1118	1116	1114	1115	1121	1126
7	1136	1135	1134	1133	1131	1128	1127	1125	1119	1113	1108	1107	1111	1121	1130
8	1129	1128	1127	1124	1122	1119	1117	1115	1110	1103	1098	1100	1102	1108	1116
9	1130	1130	1129	1127	1125	1123	1122	1121	1117	1111	1108	1102	1104	1113	1121
10 a	1133	1132	1131	1130	1129	1126	1124	1121	1117	1112	1107	1104	1106	1114	1123
11	1132	1132	1131	1130	1129	1127	1125	1121	1115	1111	1108	1109	1112	1119	1128
12	1134	1134	1131	1131	1129	1127	1124	1123	1115	1109	1103	1103	1107	1114	1119
13	1134	1134	1134	1132	1131	1128	1127	1127	1121	1109	1106	1105	1113	1124	1131
14	1132	1132	1132	1131	1130	1126	1126	1124	1120	1117	1114	1114	1115	1120	1126
15	1130	1128	1128	1128	1128	1125	1124	1123	1118	1114	1114	1117	1120	1125	1130
16	1131	1130	1129	1129	1128	1127	1126	1125	1122	1119	1115	1113	1118	1122	1126
17	1130	1130	1129	1127	1124	1121	1120	1117	1113	1107	1101	1098	1103	1111	1120
18	1137	1136	1135	1133	1132	1131	1130	1128	1124	1120	1116	1113	1114	1120	1127
19	1138	1137	1136	1136	1135	1133	1132	1131	1126	1121	1115	1115	1116	1122	1129
20	1137	1135	1134	1133	1131	1130	1130	1130	1124	1118	1113	1115	1119	1128	1133
21	1137	1136	1136	1134	1133	1132	1131	1128	1122	1116	1107	1108	1112	1126	1132
22	1139	1139	1139	1137	1137	1136	1136	1135	1128	1121	1114	1113	1113	1121	1127
23	1136	1136	1136	1135	1135	1133	1129	1127	1125	1120	1113	1111	1116	1124	1128
24	1135	1134	1134	1134	1133	1131	1129	1125	1117	1111	1105	1103	1106	1116	1122
25	1136	1135	1135	1134	1133	1131	1132	1129	1123	1117	1111	1114	1118	1126	1132
26 a	1134	1134	1133	1132	1132	1130	1130	1130	1127	1121	1117	1117	1119	1124	1130
27 a	1129	1128	1127	1126	1126	1125	1125	1124	1116	1107	1100	1098	1102	1112	1121
28	1130	1130	1129	1127	1126	1124	1121	1119	1115	1107	1102	1103	1108	1116	1123
29	1132	1133	1132	1130	1129	1128	1128	1125	1120	1114	1110	1111	1115	1121	1127
30	1134	1133	1133	1132	1131	1128	1127	1126	1124	1122	1119	1119	1120	1122	1126
31	1134	1134	1133	1131	1130	1130	1129	1127	1124	1119	1117	1117	1119	1122	1126
Mean	1134	1133	1133	1131	1130	1128	1127	1125	1120	1115	1110	1110	1113	1120	1127
Mean a	1133	1132	1131	1130	1129	1127	1126	1125	1120	1114	1110	1110	1112	1120	1126

APRIL, 1913.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1129	1129	1129	1128	1126	1126	1124	1118	1112	1112	1109	1108	1116	1119	1125
2	1133	1132	1132	1132	1128	1128	1127	1123	1118	1114	1111	1112	1114	1122	1127
3	1137	1137	1136	1136	1134	1133	1130	1126	1122	1118	1115	1116	1123	1130	1124
4	1139	1139	1139	1138	1136	1136	1134	1130	1125	1120	1114	1111	1115	1124	1131
5	1140	1139	1139	1138	1136	1134	1132	1128	1119	1117	1113	1113	1117	1125	1133
6 a	1143	1143	1142	1141	1139	1139	1139	1134	1127	1119	1111	1109	1113	1121	1130
7	1138	1139	1138	1137	1137	1137	1136	1133	1124	1115	1107	1105	1115	1124	1130
8	1141	1141	1141	1140	1138	1138	1140	1137	1131	1123	1115	1112	1118	1126	1134
9	1141	1140	1140	1141	1137	1138	1135	1128	1123	1117	1113	1118	1122	1128	1135
10	1143	1145	1143	1137	1137	1133	1131	1122	1122	1126	1122	1120	1126	1128	1131
11	1144	1145	1145	1142	1142	1142	1141	1137	1132	1126	1120	1119	1125	1132	1136
12	1144	1146	1144	1143	1141	1141	1143	1143	1138	1131	1123	1120	1124	1132	1138
13	1143	1143	1143	1140	1139	1139	1139	1135	1134	1127	1117	1116	1122	1129	1137
14	1137	1136	1134	1134	1134	1136	1132	1131	1128	1120	1115	1108	1112	1118	1124
15	1138	1138	1137	1136	1134	1133	1129	1123	1122	1122	1122	1127	1132	1138	1139
16	1131	1129	1129	1128	1127	1128	1131	1127	1124	1120	1116	1112	1113	1115	1118
17	1128	1126	1126	1126	1125	1123	1121	1117	1115	1112	1110	1112	1119	1121	1126
18	1130	1128	1126	1126	1125	1125	1120	1120	1119	1117	1114	1111	1111	1115	1120
19	1122	1121	1120	1119	1117	1117	1116	1115	1111	1109	1107	1109	1110	1112	1117
20 a	1112	1111	1111	1110	1106	1105	1099	1092	1089	1086	1084	1090	1096	1099	1106
21 a	1118	1118	1116	1114	1113	1111	1110	1106	1104	1099	1095	1096	1106	1110	1118
22 a	1121	1121	1120	1120	1118	1116	1111	1109	1104	1102	1102	1101	1115	1114	1116
23	1124	1124	1121	1120	1119	1116	1110	1105	1100	1095	1090	1093	1100	1110	1121
24	1122	1121	1120	1120	1119	1119	1114	1108	1100	1098	1098	1101	1106	1114	1116
25	1124	1124	1123	1121	1119	1117	1115	1112	1107	1100	1100	1101	1107	1114	1121
26 a	1126	1125	1124	1123	1120	1119	1119	1114	1108	1105	1103	1105	1109	1115	1121
27	1128	1126	1125	1124	1124	1124	1115	1110	1103	1098	1098	1099	1107	1113	1117
28	1124	1123	1120	1119	1118	1117	1115	1109	1107	1099	1100	1105	1110	1114	1123
29	1130	1129	1126	1125	1124	1124	1123	1119	1113	1110	1107	1109	1109	1112	1120
30	1127	1127	1125	1125	1125	1123	1118	1113	1114	1109	1109	1113	1119	1124	1129
Mean	1132	1132	1130	1129	1128	1127	1125	1121	1116	1112	1109	1109	1114	1120	1126
Mean a	1124	1124	1123	1122	1119	1118	1116	1111	1106	1102	1099	1100	1106	1112	1118

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a Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1913.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1133	1133	1134	1136	1138	1139	1139	1139	1139	1129	20 30	1140	10 00	1113	27	1
1132	1135	1137	1138	1139	1139	1139	1138	1137	1130	20 20	1140	10 55	1113	27	2
1130	1133	1136	1139	1139	1139	1139	1140	1141	1128	24 00	1141	11 00	1110	31	3
1134	1135	1137	1139	1140	1140	1140	1140	1140	1132	20 20	1141	11 00	1114	27	4
1131	1134	1135	1135	1135	1136	1137	1139	1138	1130	19 20	1139	12 00	1107	32	5
1132	1134	1134	1135	1135	1136	1136	1137	1137	1129	20 20	1138	12 00	1114	24	6
1131	1132	1131	1131	1132	1132	1132	1132	1132	1127	0 05	1137	12 00	1107	30	7
1123	1127	1128	1129	1130	1129	1131	1132	1132	1120	22 50	1133	11 00	1098	35	8
1129	1132	1132	1133	1133	1133	1135	1135	1135	1124	21 55	1136	12 20	1101	35	9
1129	1132	1132	1133	1133	1134	1134	1135	1135	1125	22 55	1136	12 00	1104	32	10
1133	1136	1136	1134	1133	1134	1135	1137	1134	1127	23 00	1137	11 00	1108	29	11
1125	1128	1131	1133	1135	1135	1135	1135	1136	1125	22 35	1137	11 50	1102	35	12
1133	1133	1132	1133	1134	1134	1134	1134	1135	1127	24 00	1135	11 20	1103	32	13
1133	1131	1129	1131	1130	1131	1133	1132	1132	1127	21 50	1134	11 30	1113	21	14
1133	1132	1131	1132	1132	1132	1132	1133	1133	1127	20 10	1134	10 35	1113	21	15
1130	1130	1130	1130	1132	1133	1134	1134	1135	1127	24 00	1135	12 00	1113	22	16
1127	1131	1133	1134	1136	1136	1137	1140	1138	1123	23 00	1140	12 00	1098	42	17
1131	1133	1134	1136	1137	1138	1138	1140	1140	1130	23 55	1141	12 00	1113	28	18
1133	1134	1134	1133	1135	1136	1137	1139	1139	1131	21 45	1140	10 55	1114	26	19
1135	1135	1135	1137	1138	1138	1138	1139	1138	1131	23 00	1139	11 00	1113	26	20
1135	1136	1133	1134	1135	1136	1138	1139	1140	1130	24 00	1140	11 15	1106	34	21
1131	1132	1133	1134	1135	1135	1136	1136	1137	1131	0 05	1140	12 10	1112	28	22
1131	1133	1132	1133	1134	1134	1133	1134	1135	1129	0 05	1137	12 00	1111	26	23
1127	1130	1132	1134	1135	1134	1136	1137	1138	1127	24 00	1138	12 00	1103	35	24
1135	1135	1134	1134	1134	1134	1134	1135	1135	1130	0 05	1137	11 00	1111	26	25
1134	1134	1132	1132	1133	1132	1131	1131	1130	1129	0 05	1135	11 20	1116	19	26
1126	1129	1130	1132	1133	1134	1135	1135	1134	1123	22 20	1136	12 00	1098	38	27
1128	1129	1129	1130	1132	1132	1133	1133	1133	1123	20 35	1134	11 00	1102	32	28
1131	1132	1132	1132	1131	1132	1134	1135	1137	1127	24 00	1137	11 00	1110	27	29
1138	1129	1131	1132	1134	1134	1135	1136	1136	1129	23 25	1137	11 15	1118	19	30
1131	1131	1130	1129	1129	1128	1129	1130	1131	1128	0 30	1135	10 55	1116	19	31
1131	1132	1133	1133	1134	1134	1135	1136	1136	1128	----------	1137	----------	1109	28	--------
1131	1133	1133	1134	1135	1136	1136	1136	1135	1127	----------	1137	----------	1109	28	--------

APRIL, 1913.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1126	1127	1128	1129	1129	1129	1131	1132	1133	1124	24 00	1133	12 00	1108	25	1
1131	1133	1133	1133	1135	1135	1136	1137	1137	1128	23 10	1138	11 00	1111	27	2
1136	1135	1135	1137	1137	1139	1139	1140	1140	1132	20 55	1141	11 00	1115	26	3
1133	1134	1134	1135	1136	1138	1139	1139	1140	1132	24 00	1140	12 00	1111	29	4
1137	1138	1137	1138	1139	1140	1141	1142	1143	1132	24 00	1143	11 50	1112	31	5
1138	1139	1137	1137	1138	1138	1139	1139	1139	1133	0 05	1144	11 25	1108	36	6
1135	1138	1138	1138	1139	1139	1139	1140	1141	1132	24 00	1141	12 00	1105	36	7
1139	1138	1136	1137	1138	1139	1139	1141	1141	1134	22 15	1142	12 00	1112	30	8
1138	1138	1138	1138	1136	1145	1142	1145	1141	1134	21 05	1146	11 00	1113	33	9
1137	1141	1143	1140	1138	1142	1145	1146	1145	1135	18 05	1147	12 00	1120	27	10
1137	1139	1137	1137	1136	1140	1142	1144	1144	1137	0 10	1146	12 00	1119	27	11
1143	1144	1141	1140	1139	1140	1141	1141	1141	1138	23 20	1147	12 00	1120	27	12
1142	1140	1138	1138	1138	1139	1138	1138	1137	1135	0 05	1144	12 00	1116	28	13
1131	1133	1136	1138	1138	1139	1139	1139	1139	1130	20 50	1140	12 00	1108	32	14
1139	1137	1134	1133	1132	1133	1133	1132	1132	1132	15 50	1140	10 25	1120	20	15
1124	1126	1128	1128	1127	1128	1128	1129	1129	1125	0 55	1132	12 00	1112	20	16
1128	1130	1128	1128	1127	1127	1126	1130	1128	1123	21 25	1132	11 00	1110	22	17
1122	1122	1122	1123	1122	1123	1123	1123	1122	1121	0 05	1131	12 50	1110	21	18
1120	1119	1117	1117	1116	1115	1115	1115	1114	1115	0 05	1123	11 00	1107	16	19
1110	1112	1114	1115	1116	1116	1117	1117	1119	1106	24 00	1119	11 00	1084	35	20
1119	1118	1118	1119	1119	1119	1120	1122	1121	1113	23 00	1122	11 35	1094	28	21
1120	1122	1122	1122	1122	1124	1125	1125	1125	1116	21 55	1126	12 00	1101	25	22
1122	1122	1124	1122	1122	1124	1124	1125	1122	1115	23 00	1125	11 00	1090	35	23
1121	1124	1125	1124	1125	1126	1127	1126	1125	1117	22 00	1127	10 10	1097	30	24
1126	1128	1128	1126	1125	1126	1125	1126	1126	1118	17 05	1129	11 20	1099	30	25
1125	1128	1126	1128	1126	1129	1130	1129	1128	1120	22 00	1130	11 00	1103	27	26
1120	1121	1121	1125	1125	1126	1126	1126	1126	1118	1 00	1128	10 20	1097	31	27
1126	1128	1128	1129	1129	1129	1129	1130	1130	1119	22 55	1131	10 25	1098	33	28
1124	1126	1129	1131	1131	1130	1130	1130	1129	1122	18 45	1132	11 30	1106	26	29
1132	1130	1127	1129	1128	1129	1129	1130	1129	1124	16 00	1132	10 55	1108	24	30
1129	1130	1130	1130	1130	1132	1132	1133	1132	1125	----------	1135	----------	1107	28	--------
1122	1124	1123	1124	1124	1125	1126	1126	1126	1118	----------	1128	----------	1098	30	--------

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1913.

10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1130	1129	1129	1129	1129	1133	1127	1120	1111	1107	1111	1116	1119	1124	1129
2	1137	1135	1134	1133	1133	1133	1126	1116	1107	1103	1106	1109	1114	1122	1128
3	1133	1132	1132	1132	1132	1130	1127	1122	1112	1112	1113	1114	1118	1124	1128
4	1132	1132	1132	1130	1130	1129	1129	1124	1113	1103	1101	1107	1112	1118	1128
5	1135	1130	1130	1130	1128	1127	1123	1120	1116	1109	1113	1120	1130	1133	1142
6	1135	1134	1134	1133	1133	1133	1129	1124	1119	1114	1114	1112	1122	1130	1132
7	1128	1125	1124	1123	1124	1123	1120	1116	1109	1104	1099	1101	1104	1111	1116
8	1114	1114	1113	1113	1112	1111	1107	1102	1089	1086	1083	1089	1097	1106	1114
9	1113	1112	1111	1109	1107	1108	1103	1098	1092	1088	1087	1086	1087	1091	1097
10	1106	1106	1104	1104	1103	1102	1097	1093	1083	1077	1080	1087	1091	1096	1102
11	1108	1107	1107	1106	1104	1104	1101	1097	1091	1089	1087	1091	1095	1099	1104
12	1108	1108	1106	1106	1104	1103	1101	1097	1088	1087	1085	1087	1092	1101	1106
13	1113	1112	1112	1111	1111	1109	1101	1096	1083	1078	1080	1081	1092	1099	1107
14[a]	1114	1114	1114	1114	1112	1111	1106	1102	1098	1088	1087	1093	1101	1104	1102
15	1116	1114	1113	1112	1111	1109	1109	1104	1102	1096	1096	1098	1103	1108	1112
16	1117	1117	1118	1117	1116	1112	1103	1099	1098	1097	1097	1102	1106	1111	1116
17	1117	1116	1114	1114	1114	1114	1108	1104	1098	1085	1083	1090	1099	1109	1117
18	1113	1113	1113	1113	1112	1110	1099	1092	1083	1079	1081	1083	1095	1107	1112
19	1112	1111	1111	1107	1106	1106	1101	1096	1090	1085	1079	1077	1087	1097	1101
20[a]	1116	1115	1113	1110	1110	1112	1108	1098	1094	1088	1085	1085	1087	1090	1097
21[a]	1114	1114	1113	1112	1110	1110	1105	1100	1091	1088	1085	1083	1091	1098	1103
22[a]	1115	1113	1113	1112	1112	1111	1108	1104	1097	1096	1099	1100	1105	1111	1118
23[a]	1115	1115	1114	1114	1114	1114	1106	1100	1094	1094	1097	1097	1100	1105	1110
24	1114	1114	1113	1113	1113	1113	1113	1107	1101	1097	1096	1096	1102	1105	1111
25	1112	1111	1111	1112	1111	1110	1106	1104	1103	1095	1091	1096	1098	1104	1105
26	1113	1113	1110	1110	1108	1108	1102	1101	1096	1090	1082	1087	1090	1093	1101
27	1105	1103	1102	1100	1099	1099	1094	1085	1077	1077	1079	1083	1088	1096	1099
28	1098	1098	1095	1094	1094	1094	1084	1075	1064	1054	1058	1063	1070	1078	1089
29	1102	1102	1101	1098	1098	1098	1092	1087	1081	1078	1082	1084	1093	1098	1102
30	1106	1106	1106	1103	1101	1100	1095	1092	1083	1074	1074	1080	1089	1092	1095
31	1108	1108	1108	1107	1107	1105	1098	1093	1087	1082	1084	1088	1090	1098	1105
Mean	1116	1115	1115	1114	1113	1112	1107	1102	1095	1090	1090	1093	1099	1105	1111
Mean[a]	1115	1114	1113	1112	1112	1112	1107	1101	1095	1091	1091	1092	1097	1102	1106

JUNE, 1913.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1112	1112	1109	1109	1107	1104	1097	1097	1097	1097	1090	1090	1097	1101	1106
2	1113	1114	1111	1113	1111	1113	1106	1100	1089	1085	1088	1089	1097	1097	1097
3	1109	1111	1113	1114	1117	1116	1106	1102	1094	1089	1088	1092	1091	1096	1102
4	1106	1108	1106	1108	1111	1111	1105	1100	1091	1091	1091	1096	1102	1103	1103
5	1106	1109	1107	1109	1112	1110	1103	1093	1090	1083	1086	1084	1081	1086	1089
6	1105	1108	1108	1108	1110	1113	1107	1099	1084	1082	1084	1082	1087	1091	1102
7[a]	1108	1108	1109	1108	1108	1109	1106	1100	1092	1091	1089	1089	1094	1100	1106
8[a]	1110	1110	1109	1109	1110	1110	1107	1104	1093	1087	1087	1086	1087	1093	1104
9	1110	1110	1111	1111	1113	1113	1110	1105	1094	1091	1093	1093	1094	1099	1099
10	1113	1113	1115	1115	1116	1118	1118	1113	1103	1096	1092	1090	1093	1096	1098
11[a]	1110	1111	1111	1110	1110	1110	1107	1102	1094	1088	1091	1096	1099	1104	1108
12[a]	1114	1114	1114	1114	1112	1111	1108	1101	1095	1091	1084	1092	1094	1095	1105
13	1113	1115	1113	1113	1115	1115	1109	1102	1096	1093	1087	1087	1089	1091	1093
14	1116	1116	1116	1116	1114	1116	1114	1105	1096	1085	1085	1091	1094	1093	1096
15	1113	1115	1112	1110	1110	1109	1107	1104	1099	1098	1090	1092	1093	1098	1099
16	1115	1115	1114	1114	1111	1111	1106	1100	1092	1091	1089	1089	1091	1095	1095
17	1115	1114	1112	1112	1112	1111	1103	1094	1088	1083	1077	1077	1086	1091	1098
18	1105	1102	1099	1099	1099	1100	1090	1079	1068	1068	1066	1069	1076	1086	1090
19	1104	1104	1102	1099	1101	1099	1096	1088	1079	1073	1067	1068	1078	1085	1093
20	1094	1090	1090	1090	1089	1086	1083	1075	1067	1064	1060	1066	1077	1084	1092
21	1096	1097	1094	1094	1094	1094	1088	1080	1074	1066	1060	1060	1066	1076	1080
22	1104	1105	1104	1102	1101	1099	1098	1090	1080	1071	1074	1078	1087	1091	1094
23	1107	1106	1106	1106	1104	1104	1101	1095	1086	1081	1078	1080	1083	1086	1090
24	1109	1108	1106	1106	1107	1107	1104	1093	1084	1087	1082	1087	1094	1096	1103
25	1107	1104	1103	1101	1101	1101	1101	1092	1083	1080	1077	1077	1083	1084	1089
26	1107	1107	1106	1101	1098	1101	1101	1095	1085	1084	1084	1081	1084	1084	1084
27[a]	1113	1111	1108	1107	1106	1105	1105	1100	1091	1078	1073	1078	1081	1090	1100
28	1103	1099	1098	1096	1095	1094	1090	1082	1070	1065	1060	1058	1063	1071	1075
29	1098	1095	1093	1090	1089	1087	1088	1088	1080	1077	1071	1066	1080	1089	1092
30	1110	1109	1109	1106	1106	1106	1104	1098	1092	1088	1089	1094	1097	1099	1100
Mean	1108	1108	1107	1106	1106	1106	1102	1096	1088	1083	1081	1083	1087	1092	1096
Mean[a]	1111	1111	1110	1110	1109	1109	1107	1101	1093	1087	1085	1088	1091	1096	1105

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1913.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1133	1132	1130	1132	1130	1132	1133	1133	1135	1126	24	00	1135	10	35	1106	29	1
1132	1134	1133	1133	1133	1135	1137	1137	1137	1127	17	05	1138	10	00	1103	35	2
1133	1136	1134	1137	1133	1133	1132	1133	1133	1128	19	00	1137	9	55	1111	26	3
1132	1130	1130	1132	1132	1133	1132	1132	1133	1125	21	10	1134	11	00	1101	33	4
1144	1139	1137	1135	1135	1137	1137	1137	1137	1130	15	40	1145	10	35	1107	38	5
1133	1130	1128	1129	1129	1128	1128	1129	1129	1128	0	05	1136	12	00	1112	24	6
1117	1118	1117	1117	1118	1116	1116	1116	1116	1116	0	05	1129	11	00	1099	30	7
1117	1114	1112	1112	1112	1112	1111	1112	1112	1107	16	00	1117	10	45	1082	35	8
1101	1103	1107	1107	1106	1106	1107	1107	1106	1102	0	05	1114	12	00	1086	28	9
1104	1106	1106	1107	1107	1108	1108	1109	1109	1100	22	55	1110	10	00	1077	33	10
1107	1107	1108	1109	1109	1109	1109	1109	1109	1103	20	10	1110	11	00	1087	23	11
1109	1109	1109	1112	1112	1113	1114	1114	1114	1104	21	50	1115	11	00	1085	30	12
1111	1112	1111	1111	1112	1113	1114	1116	1116	1104	23	30	1117	10	00	1078	39	13
1103	1109	1112	1114	1116	1116	1116	1116	1117	1107	24	00	1117	11	00	1087	30	14
1109	1111	1111	1112	1112	1113	1114	1116	1117	1109	24	00	1117	11	05	1095	22	15
1120	1114	1113	1113	1113	1114	1114	1116	1116	1111	3	00	1118	11	05	1096	22	16
1123	1129	1123	1118	1118	1116	1114	1114	1114	1110	17	00	1129	11	00	1083	46	17
1113	1114	1112	1113	1113	1114	1117	1117	1116	1106	21	55	1118	10	00	1079	39	18
1108	1115	1115	1116	1116	1116	1117	1116	1116	1104	22	00	1117	12	00	1077	40	19
1104	1109	1113	1114	1115	1116	1116	1116	1116	1105	20	15	1117	11	25	1084	33	20
1105	1107	1110	1113	1116	1116	1117	1117	1117	1106	19	20	1118	12	00	1083	35	21
1117	1115	1113	1115	1116	1117	1118	1118	1117	1111	15	05	1119	11	00	1099	20	22
1114	1113	1111	1114	1114	1114	1115	1116	1116	1109	22	55	1117	9	25	1093	24	23
1113	1114	1114	1117	1118	1117	1118	1117	1116	1110	20	55	1119	11	10	1095	24	24
1106	1109	1112	1114	1112	1114	1112	1114	1115	1107	24	00	1115	11	00	1091	24	25
1104	1105	1105	1105	1107	1107	1107	1105	1107	1102	0	05	1114	11	00	1082	32	26
1103	1106	1103	1102	1105	1103	1103	1102	1100	1096	17	00	1106	10	25	1076	30	27
1098	1103	1104	1104	1104	1104	1106	1106	1104	1089	22	50	1107	10	00	1054	53	28
1104	1107	1105	1107	1107	1107	1107	1108	1107	1098	22	35	1109	10	30	1077	32	29
1095	1098	1101	1104	1106	1109	1110	1110	1110	1097	23	50	1111	10	50	1073	38	30
1110	1110	1108	1110	1110	1110	1110	1111	1111	1102	23	30	1112	10	00	1082	30	31
1114	1115	1114	1115	1116	1116	1116	1117	1117	1109	----------		1120	----------		1088	32	--------
1109	1111	1112	1114	1115	1116	1116	1117	1117	1108	----------		1117	----------		1089	28	--------

JUNE, 1913.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1110	1109	1107	1107	1107	1107	1110	1114	1114	1105	23	28	1115	11	40	1089	26	1
1096	1097	1099	1100	1100	1102	1105	1106	1106	1101	2	05	1116	10	00	1085	31	2
1102	1105	1102	1100	1100	1100	1102	1102	1105	1102	5	28	1120	11	00	1088	32	3
1102	1100	1097	1097	1094	1097	1096	1100	1103	1101	5	51	1112	10	42	1088	24	4
1098	1098	1097	1097	1097	1100	1101	1101	1103	1098	5	20	1113	13	16	1079	34	5
1105	1105	1101	1104	1105	1105	1105	1107	1107	1101	6	00	1113	9	47	1081	32	6
1109	1111	1109	1109	1109	1111	1109	1111	1111	1104	17	12	1112	11	52	1088	24	7
1107	1109	1106	1106	1106	1106	1107	1109	1109	1103	5	15	1111	12	00	1086	25	8
1097	1101	1102	1104	1105	1105	1107	1109	1111	1104	4	38	1114	10	00	1091	23	9
1104	1107	1110	1110	1110	1110	1110	1112	1110	1107	5	55	1120	12	14	1089	31	10
1111	1111	1113	1114	1114	1114	1114	1114	1114	1107	18	43	1116	10	00	1088	28	11
1108	1111	1112	1112	1114	1114	1114	1114	1114	1106	0	51	1115	11	00	1084	31	12
1096	1101	1106	1107	1109	1112	1113	1115	1115	1104	5	28	1116	11	35	1086	30	13
1102	1104	1107	1108	1114	1117	1115	1114	1114	1106	6	06	1118	10	32	1084	34	14
1102	1106	1107	1110	1113	1113	1115	1115	1115	1106	22	48	1116	11	37	1087	29	15
1104	1111	1114	1115	1114	1114	1115	1117	1115	1106	23	00	1117	11	18	1088	29	16
1101	1104	1104	1106	1106	1106	1106	1104	1104	1101	1	00	1115	11	28	1075	40	17
1091	1096	1100	1102	1102	1103	1103	1103	1103	1092	1	00	1105	11	00	1066	39	18
1102	1102	1101	1101	1098	1099	1098	1095	1093	1093	1	36	1105	11	00	1067	38	19
1097	1095	1094	1095	1095	1095	1095	1097	1096	1086	16	12	1098	11	15	1058	40	20
1088	1094	1099	1100	1100	1102	1102	1102	1103	1088	24	00	1103	11	11	1059	44	21
1099	1104	1102	1105	1107	1107	1107	1105	1107	1097	21	23	1108	10	00	1071	37	22
1096	1101	1104	1106	1106	1107	1107	1106	1106	1098	21	35	1108	11	31	1077	31	23
1108	1108	1109	1111	1110	1109	1107	1107	1107	1102	19	00	1111	11	19	1080	31	24
1097	1099	1101	1102	1104	1108	1108	1109	1109	1097	23	20	1110	12	24	1076	34	25
1090	1099	1105	1109	1111	1112	1114	1114	1112	1099	22	42	1115	12	00	1081	34	26
1108	1110	1107	1105	1105	1105	1103	1103	1103	1100	1	00	1113	11	00	1073	40	27
1085	1093	1096	1096	1096	1097	1099	1099	1098	1087	1	00	1103	12	00	1058	45	28
1095	1096	1099	1104	1105	1105	1107	1107	1108	1092	24	00	1108	11	44	1064	44	29
1103	1107	1110	1110	1107	1108	1108	1107	1106	1103	18	26	1111	10	16	1087	24	30
1100	1103	1104	1105	1105	1106	1107	1107	1107	1100	----------		1112	----------		1079	33	--------
1109	1110	1109	1109	1110	1110	1109	1110	1110	1104	----------		1113	----------		1084	29	--------

JULY, 1913.

HOURLY VALUES OF VERTICAL INTENSITY.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1107	1107	1107	1104	1103	1100	1095	1092	1084	1083	1081	1083	1089	1095	1098
2	1114	1114	1109	1108	1106	1106	1102	1094	1078	1076	1073	1075	1084	1095	1098
3	1113	1110	1107	1104	1104	1104	1098	1092	1080	1071	1070	1071	1080	1093	1102
4[a]	1112	1112	1109	1108	1108	1106	1101	1091	1078	1069	1058	1061	1069	1075	1080
5	1109	1107	1105	1104	1103	1102	1102	1096	1083	1078	1077	1074	1084	1091	1099
6	1122	1122	1119	1118	1117	1117	1111	1105	1096	1087	1085	1087	1094	1098	1109
7	1128	1126	1123	1121	1123	1121	1119	1113	1101	1095	1092	1092	1093	1108	1119
8	1135	1135	1133	1133	1130	1128	1125	1116	1110	1106	1103	1100	1107	1115	1118
9[a]	1140	1139	1136	1137	1137	1137	1138	1134	1127	1119	1113	1110	1113	1117	1128
10	(1151)	(1152)	(1151)	(1151)	(1150)	(1147)	(1140)	1135	1132	1125	1119	1115	1117	1122	1126
11	1144	1144	1141	1140	1137	1135	1133	1129	1121	1114	1114	1117	1120	1126	1138
12	1143	1142	1140	1138	1137	1135	1133	1127	1119	1112	1110	1112	1123	1124	1131
13	1140	1140	1139	1138	1133	1134	1129	1126	1118	1114	1110	1114	1120	1126	1140
14	1138	1135	1132	1130	1128	1125	1120	1111	1104	1094	1099	1102	1112	1120	1131
15	1143	1142	1139	1137	1135	1137	1138	1128	1122	1116	1107	1099	1099	1098	1103
16	1112	1110	1108	1106	1106	1107	1100	1093	1085	1085	1077	1074	1075	1075	1077
17[a]	1085	1083	1084	1083	1082	1085	1082	1078	1070	1067	1064	1068	1071	1072	1073
18	1084	1082	1082	1082	1082	1083	1078	1073	1067	1060	1057	1060	1064	1036	1078
19[a]	1091	1089	1089	1088	1087	1085	1083	1080	1075	1069	1062	1069	1071	1075	1084
20	1110	1110	1109	1107	1108	1107	1108	1106	1103	1100	1093	1085	1080	1082	1087
21	1095	1093	1092	1091	1093	1093	1085	1081	1074	1071	1061	1055	1056	1063	1070
22	1074	1073	1072	1073	1072	1075	1069	1060	1050	1050	1049	1050	1055	1060	1069
23	1085	1084	1082	1079	1078	1077	1077	1065	1059	1054	1056	1052	1063	1064	1070
24	1078	1077	1075	1075	1074	1074	1067	1052	1041	1036	1041	1043	1047	1053	1065
25	1077	1077	1075	1072	1071	1071	1069	1061	1063	1061	1055	1054	1049	1049	1061
26	1086	1083	1081	1079	1073	1075	1067	1059	1052	1046	1044	1052	1059	1036	1075
27	1102	1099	1093	1093	1093	1093	1090	1084	1075	1070	1064	1064	1067	1073	1082
28[a]	1082	1080	1077	1077	1074	1077	1073	1063	1048	1045	1039	1037	1042	1030	1053
29	1057	1054	1052	1052	1052	1050	1043	1036	1023	1021	1017	1010	1013	1018	1025
30	1041	1041	1041	1039	1039	1038	1031	1024	1018	1014	1014	1018	1016	1019	1028
31	1048	1046	1046	1045	1046	1044	1040	1035	1032	1028	1034	1038	1041	1045	1049
Mean	1105	1103	1102	1100	1099	1099	1095	1088	1080	1075	1072	1072	1077	1082	1089
Mean[a]	1102	1101	1099	1099	1098	1098	1095	1089	1080	1074	1067	1069	1073	1078	1084

AUGUST, 1913.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	1057	1056	1056	1054	1053	1053	1047	1040	1031	1027	1030	1034	1044	1048	1056
2	1079	1080	1080	1082	1082	1085	1079	1070	1067	1067	1059	1062	1068	1074	1080
3	1088	1088	1086	1086	1086	1085	1074	1061	1058	1057	1057	1061	1066	1072	1082
4	1084	1086	1086	1086	1089	1090	1084	1067	1050	1039	1036	1038	1044	1053	1061
5[a]	1076	1077	1077	1079	1079	1079	1077	1074	1063	1056	1051	1050	1045	1056	1068
6	1072	1072	1074	1074	1077	1078	1063	1060	1051	1038	1038	1035	1040	1052	1057
7	1073	1073	1073	1075	1076	1079	1075	1070	1061	1058	1056	1064	1065	1065	1069
8	1074	1076	1076	1077	1079	1083	1074	1066	1054	1043	1030	1028	1030	1034	1045
9	1074	1072	1072	1071	1071	1071	1069	1067	1058	1057	1060	1055	1055	1052	1055
10	1070	1070	1070	1070	1073	1077	1070	1065	1057	1053	1051	1056	1056	1056	1057
11	1075	1077	1077	1077	1071	1075	1068	1055	1049	1045	1041	1041	1051	1057	1060
12	1076	1078	1076	1076	1078	1081	1076	1066	1058	1049	1039	1044	1046	1046	1052
13	1074	1074	1074	1074	1076	1079	1074	1062	1050	1045	1047	1051	1059	1059	1062
14	1075	1075	1075	1074	1075	1078	1075	1068	1055	1051	1048	1052	1054	1074	1064
15	1075	1075	1075	1076	1079	1081	1067	1056	1049	1052	1050	1058	1059	1064	1067
16	1076	1075	1075	1073	1075	1079	1070	1062	1049	1039	1036	1038	1045	1055	1067
17	1078	1078	1078	1076	1079	1079	1072	1061	1050	1044	1042	1045	1047	1053	1059
18	1069	1069	1069	1067	1069	1072	1062	1053	1041	1032	1025	1024	1029	1038	1052
19	1072	1072	1070	1069	1072	1073	1062	1047	1041	1041	1035	1039	1041	1045	1049
20[a]	1069	1067	1067	1067	1069	1070	1069	1065	1058	1044	1041	1042	1052	1059	1073
21	1086	1086	1086	1086	1087	1090	1089	1086	1069	1052	1042	1042	1045	1061	1072
22	1082	1081	1081	1081	1084	1089	1093	1082	1067	1056	1053	1050	1050	1050	1059
23	1080	1082	1083	1083	1085	1088	1087	1079	1068	1053	1047	1040	1039	1048	1062
24	1085	1083	1083	1083	1083	1087	1090	1077	1067	1059	1056	1050	1051	1054	1062
25	1083	1085	1083	1085	1087	1091	1090	1080	1071	1063	1059	1057	1059	1062	1068
26	1088	1087	1088	1088	1087	1087	1087	1083	1080	1079	1076	1077	1082	1079	1080
27	1091	1093	1093	1091	1091	1091	1091	1087	1079	1074	1076	1077	1082	1083	1082
28	1085	1088	1088	1090	1087	1090	1083	1082	1077	1071	1067	1070	1073	1073	1074
29[a]	1083	1083	1085	1083	1085	1087	1079	1074	1071	1065	1062	1065	1062	1068	1073
30[a]	1082	1083	1083	1083	1082	1083	1082	1077	1070	1067	1063	1067	1068	1073	1073
81	1077	1077	1079	1076	1077	1080	1068	1062	1056	1051	1047	1059	1067	1076	1080
Mean	1078	1078	1078	1078	1079	1081	1076	1068	1059	1052	1049	1051	1054	1059	1065
Mean[a]	1073	1073	1074	1073	1074	1074	1071	1066	1059	1052	1049	1052	1054	1061	1069

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1913.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1107	1113	1113	1115	1116	1116	1116	1116	1114	1102	22	17	1117	11	00	1081	36	1
1101	1105	1110	1111	1110	1110	1111	1112	1112	1101	0	48	1115	11	00	1073	42	2
1106	1104	1109	1114	1112	1114	1114	1112	1112	1100	0	49	1115	11	00	1070	45	3
1087	1092	1098	1101	1104	1104	1106	1108	1108	1094	0	32	1113	11	20	1056	57	4
1105	1108	1113	1115	1117	1120	1121	1120	1121	1102	22	43	1122	11	44	1072	50	5
1112	1118	1120	1121	1123	1125	1127	1127	1128	1112	24	00	1128	11	00	1085	43	6
1130	1134	1133	1133	1134	1135	1135	1136	1136	1120	23	14	1138	12	23	1091	47	7
1121	1129	1134	1137	1137	1140	1140	1141	1141	1126	23	23	1142	11	42	1099	43	8
1137	1145	(1148)	(1150)	(1151)	(1152)	(1151)	(1151)	(1151)	1136	21	00	1152	12	00	1110	42	9
1131	1138	1141	1143	1145	1143	1146	1144	1146	1138	2	00	1152	11	34	1114	38	10
1144	1143	1144	1146	1145	1146	1146	1146	1144	1136	21	10	1147	10	36	1113	34	11
1134	1139	1138	1138	1140	1140	1141	1141	1141	1132	1	00	1143	11	18	1108	35	12
1144	1144	1141	1141	1141	1140	1141	1139	1138	1133	17	06	1145	11	00	1110	35	13
1138	1139	1141	1142	1140	1142	1143	1142	1143	1127	20	35	1144	10	00	1094	50	14
1112	1115	1116	1116	1114	1114	1114	1112	1111	1119	1	00	1143	14	19	1097	46	15
1079	1084	1083	1082	1081	1083	1084	1084	1085	1089	1	00	1112	12	24	1073	39	16
1076	1080	1084	1085	1085	1086	1086	1085	1084	1079	22	10	1087	11	00	1064	23	17
1087	1091	1092	1093	1092	1093	1091	1092	1091	1080	18	24	1094	11	39	1055	39	18
1094	1103	1107	1110	1110	1111	1111	1110	1110	1090	21	09	1112	11	00	1062	50	19
1090	1096	1094	1092	1094	1095	1095	1096	1094	1098	0	25	1111	13	00	1080	31	20
1074	1077	1078	1076	1076	1074	1077	1077	1075	1077	0	33	1097	12	00	1055	42	21
1081	1083	1084	1084	1084	1084	1084	1086	1084	1071	23	00	1086	11	00	1049	37	22
1079	1081	1082	1084	1084	1083	1082	1080	1078	1074	1	00	1085	12	00	1052	33	23
1073	1077	1077	1078	1080	1078	1077	1078	1077	1066	20	00	1030	10	00	1036	44	24
1069	1078	1080	1088	1088	1088	1086	1085	1085	1071	18	38	1090	13	06	1048	42	25
1083	1092	1099	1102	1104	1106	1104	1104	1102	1079	21	00	1106	11	09	1043	63	26
1090	1090	1089	1086	1084	1086	1086	1086	1083	1084	1	00	1102	11	28	1063	39	27
1057	1060	1059	1059	1057	1059	1059	1059	1057	1060	0	01	1083	12	00	1037	46	28
1034	1036	1034	1035	1035	1037	1038	1039	1041	1036	1	00	1057	12	17	1008	49	29
1038	1041	1041	1042	1042	1044	1044	1044	1045	1033	24	00	1045	10	24	1013	32	30
1051	1056	1057	1057	1058	1058	1056	1058	1058	1047	19	12	1059	10	00	1028	31	31
1096	1100	1101	1102	1103	1103	1104	1104	1103	1094	----------		1110	----------		1069	41	--------
1090	1096	1099	1101	1101	1102	1103	1103	1102	1092	----------		1109	----------		1066	43	--------

AUGUST, 1913.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1059	1062	1067	1070	1074	1077	1077	1079	1079	1055	23	50	1080	10	00	1027	53	1
1084	1084	1082	1082	1084	1084	1084	1085	1087	1078	24	00	1087	11	10	1058	29	2
1078	1075	1077	1080	1078	1082	1082	1082	1083	1076	1	05	1089	10	55	1056	33	3
1067	1069	1069	1070	1070	1070	1072	1072	1075	1068	6	00	1090	11	00	1036	54	4
1071	1071	1068	1068	1068	1068	1068	1068	1068	1068	3	30	1080	13	00	1045	35	5
1061	1064	1063	1064	1068	1068	1071	1072	1072	1062	6	00	1078	12	40	1034	44	6
1072	1072	1072	1070	1070	1070	1070	1072	1073	1070	6	00	1079	11	00	1056	23	7
1056	1064	1066	1065	1066	1068	1070	1071	1073	1061	6	00	1083	12	00	1028	55	8
1063	1069	1070	1070	1070	1072	1070	1072	1069	1066	1	00	1074	14	00	1052	22	9
1064	1067	1067	1067	1068	1071	1071	1073	1073	1066	6	00	1077	11	00	1051	26	10
1068	1074	1072	1069	1072	1074	1072	1072	1072	1065	3	40	1078	11	55	1040	38	11
1059	1066	1067	1067	1067	1070	1072	1072	1072	1065	6	00	1081	11	00	1039	42	12
1067	1068	1065	1067	1070	1070	1070	1070	1071	1066	6	00	1079	10	20	1044	35	13
1068	1064	1061	1063	1064	1068	1068	1071	1072	1066	6	00	1078	10	30	1047	31	14
1065	1065	1065	1065	1069	1072	1072	1070	1073	1067	6	00	1081	11	10	1049	32	15
1070	1069	1069	1069	1070	1072	1075	1076	1076	1065	5	40	1080	11	00	1036	44	16
1067	1070	1065	1065	1065	1067	1067	1070	1069	1064	5	40	1080	11	00	1042	38	17
1064	1070	1070	1067	1069	1069	1069	1069	1070	1058	5	40	1073	12	00	1024	49	18
1058	1064	1064	1064	1065	1065	1067	1067	1069	1059	6	00	1073	11	25	1034	39	19
1078	1082	1081	1081	1082	1082	1084	1086	1086	1069	23	30	1087	11	00	1041	46	20
1079	1079	1076	1076	1076	1076	1078	1079	1081	1074	6	00	1090	11	20	1041	49	21
1065	1072	1073	1074	1074	1074	1076	1077	1077	1072	7	00	1093	12	50	1049	44	22
1068	1073	1073	1074	1077	1079	1079	1080	1082	1071	6	00	1088	13	00	1039	49	23
1070	1074	1074	1076	1076	1077	1082	1082	1083	1074	6	35	1091	12	00	1050	41	24
1073	1077	1079	1079	1080	1082	1082	1083	1085	1077	6	00	1091	11	50	1056	35	25
1083	1085	1083	1083	1085	1085	1087	1088	1090	1084	24	00	1090	11	00	1076	14	26
1082	1079	1079	1080	1080	1080	1082	1083	1085	1084	2	55	1094	10	35	1073	21	27
1076	1076	1077	1079	1079	1079	1080	1082	1083	1080	3	55	1091	11	00	1067	24	28
1073	1076	1077	1079	1079	1079	1080	1080	1082	1076	6	00	1087	10	55	1061	26	29
1076	1074	1071	1073	1073	1073	1074	1074	1076	1075	1	15	1084	11	00	1063	21	30
1079	1073	1070	1071	1073	1074	1077	1077	1079	1071	3	05	1081	10	55	1046	35	31
1070	1072	1071	1072	1073	1074	1075	1076	1077	1069	----------		1083	----------		1047	36	--------
1071	1073	1073	1074	1075	1076	1077	1077	1078	1069	----------		1083	----------		1047	36	--------

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1913.

10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1080	1082	1080	1082	1083	1085	1067	1060	1051	1043	1050	1056	1062	1067	1070
2	1079	1079	1079	1080	1082	1083	1076	1063	1048	1043	1048	1053	1056	1063	1071
3	1079	1079	1080	1080	1080	1083	1077	1067	1054	1048	1040	1045	1051	1064	1067
4[a]	1082	1084	1085	1087	1088	1090	1082	1065	1048	1034	1030	1031	1042	1057	1070
5	1082	1082	1082	1082	1084	1085	1084	1071	1059	1047	1037	1036	1042	1053	1059
6	1077	1077	1077	1079	1077	1082	1082	1071	1054	1050	1044	1044	1048	1061	1073
7	1093	1090	1093	1093	1095	1095	1087	1087	1081	1068	1062	1059	1062	1070	1076
8	1090	1090	1091	1091	1093	1095	1087	1078	1068	1059	1048	1054	1062	1068	1079
9	1088	1090	1090	1091	1093	1095	1091	1082	1081	1071	1064	1061	1071	1085	1087
10	1098	1098	1099	1098	1098	1104	1101	1090	1076	1051	1042	1039	1054	1073	1034
11	1093	1095	1096	1095	1098	1099	1091	1082	1073	1056	1054	1064	1073	1081	1090
12	1096	1098	1096	1096	1098	1102	1095	1085	1068	1053	1053	1054	1059	1074	1085
13	1090	1090	1091	1091	1091	1095	1087	1082	1070	1056	1048	1054	1068	1079	1087
14[a]	1091	1091	1091	1091	1091	1095	1091	1079	1068	1054	1042	1039	1048	1062	1079
15	1087	1088	1088	1088	1090	1088	1085	1081	1071	1059	1053	1056	1067	1078	1079
16	1087	1088	1088	1090	1091	1093	1087	1079	1061	1039	1033	1041	1059	1076	1088
17	1085	1085	1085	1088	1087	1090	1081	1073	1068	1064	1053	1050	1059	1073	1084
18	1085	1084	1084	1084	1084	1088	1085	1078	1065	1058	1053	1051	1059	1070	1081
19	1087	1085	1087	1088	1087	1085	1081	1076	1064	1053	1044	1041	1045	1059	1074
20[a]	1084	1084	1084	1082	1081	1079	1074	1068	1059	1056	1058	1059	1062	1073	1079
21	1081	1081	1082	1081	1081	1081	1082	1073	1062	1045	1039	1041	1050	1061	1068
22	1081	1079	1081	1081	1081	1084	1090	1087	1078	1061	1047	1051	1059	1067	1074
23	1085	1083	1085	1083	1082	1086	1088	1083	1072	1055	1046	1048	1060	1069	1079
24	1084	1083	1084	1084	1084	1084	1089	1083	1075	1049	1038	1038	1046	1058	1070
25	1084	1084	1084	1084	1083	1086	1089	1073	1060	1038	1036	1041	1053	1067	1072
26	1084	1083	1081	1083	1081	1081	1083	1080	1069	1063	1061	1063	1069	1076	1083
27[a]	1083	1084	1084	1084	1084	1086	1081	1075	1067	1066	1061	1066	1070	1083	1087
28	1087	1085	1085	1085	1085	1085	1090	1084	1070	1053	1039	1045	1057	1067	1076
29[a]	1085	1085	1087	1088	1087	1091	1085	1074	1062	1051	1051	1059	1068	1074	1080
30	1090	1091	1093	1093	1094	1096	1091	1088	1080	1070	1065	1067	1079	1090	1091
Mean	1086	1086	1086	1087	1087	1089	1085	1077	1066	1054	1048	1050	1059	1070	1078
Mean[a]	1085	1086	1086	1086	1086	1088	1083	1072	1061	1052	1048	1051	1058	1070	1079

OCTOBER, 1913.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1086	1089	1091	1091	1092	1094	1094	1088	1068	1054	1054	1060	1071	1081	1089
2[a]	1088	1088	1088	1088	1089	1092	1088	1085	1072	1066	1063	1066	1063	1074	1077
3[a]	1086	1089	1091	1091	1091	1091	1089	1077	1061	1052	1051	1052	1060	1075	1081
4	1086	1086	1089	1088	1088	1089	1091	1085	1077	1064	1057	1051	1058	1068	1077
5	1088	1089	1089	1089	1089	1092	1094	1085	1078	1072	1075	1075	1078	1091	1094
6	1089	1089	1089	1089	1091	1091	1089	1089	1083	1075	1072	1078	1081	1088	1095
7	1093	1093	1093	1090	1093	1093	1090	1080	1066	1055	1050	1055	1072	1082	1090
8	1095	1095	1095	1092	1095	1095	1098	1090	1080	1072	1070	1075	1080	1095	1098
9	1096	1099	1099	1099	1099	1099	1099	1089	1073	1051	1049	1056	1071	1086	1089
10	1096	1093	1096	1096	1096	1096	1093	1079	1059	1056	1056	1056	1069	1086	1069
11	1096	1096	1096	1096	1099	1099	1091	1079	1063	1061	1066	1063	1081	1101	1106
12	1102	1104	1102	1102	1102	1100	1092	1080	1054	1047	1052	1062	1080	1092	1104
13	1092	1094	1094	1092	1094	1092	1087	1082	1077	1072	1067	1072	1080	1087	1097
14	1094	1094	1097	1097	1094	1092	1090	1087	1077	1062	1057	1064	1074	1087	1097
15	1094	1094	1094	1092	1092	1092	1084	1077	1059	1044	1037	1049	1067	1084	1100
16	1100	1100	1102	1102	1100	1097	1097	1084	1064	1040	1027	1040	1054	1074	1090
17	1091	1091	1091	1093	1093	1091	1086	1081	1066	1051	1043	1049	1063	1079	1083
18	1088	1090	1090	1090	1088	1090	1088	1082	1075	1065	1060	1065	1075	1082	1090
19	1091	1097	1091	1097	1097	1091	1094	1094	1087	1071	1064	1059	1069	1079	1094
20	1093	1090	1093	1093	1093	1090	1090	1088	1078	1068	1070	1068	1070	1078	1083
21	1095	1099	1092	1089	1089	1089	1089	1089	1082	1077	1067	1062	1059	1065	1069
22	1088	1088	1088	1088	1088	1088	1091	1088	1084	1074	1058	1054	1056	1068	1079
23[a]	1088	1088	1088	1088	1088	1088	1092	1090	1080	1065	1055	1058	1065	1072	1085
24[a]	1089	1089	1089	1089	1087	1084	1084	1077	1067	1064	1071	1077	1081	1087	1087
25	1090	1093	1093	1093	1093	1090	1086	1078	1068	1060	1056	1066	1078	1090	1096
26	1089	1089	1089	1089	1089	1087	1085	1079	1067	1062	1055	1057	1062	1069	1075
27	1091	1094	1091	1088	1088	1086	1086	1081	1076	1071	1066	1061	1074	1086	1091
28[a]	1093	1095	1095	1090	1090	1087	1090	1087	1075	1073	1067	1077	1083	1087	1093
29	1089	1092	1089	1089	1086	1086	1092	1086	1074	1064	1056	1059	1066	1072	1082
30	1088	1091	1088	1091	1091	1088	1085	1078	1065	1055	1048	1051	1058	1061	1063
31	1082	1084	1084	1084	1084	1082	1084	1080	1074	1067	1057	1067	1077	1082	1084
Mean	1091	1092	1092	1092	1092	1091	1090	1084	1072	1062	1058	1061	1070	1081	1087
Mean[a]	1089	1090	1090	1089	1089	1088	1089	1083	1071	1064	1061	1036	1071	1079	1085

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1913.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1070	1068	1068	1071	1073	1073	1073	1076	1077	1069	3 50	1086	10 35	1042	44	1
1073	1071	1070	1073	1073	1073	1074	1076	1079	1069	6 00	1083	10 00	1043	40	2
1070	1071	1071	1074	1074	1077	1077	1081	1082	1070	6 00	1083	11 00	1040	43	3
1077	1081	1079	1081	1082	1082	1082	1082	1082	1071	6 00	1090	11 40	1029	61	4
1067	1073	1073	1073	1074	1076	1076	1076	1076	1069	5 50	1087	11 35	1034	53	5
1082	1084	1084	1088	1090	1088	1088	1090	1093	1074	24 00	1093	11 30	1043	50	6
1081	1087	1084	1087	1087	1088	1090	1091	1090	1083	5 50	1096	12 00	1059	37	7
1088	1088	1085	1087	1085	1091	1096	1090	1090	1081	22 00	1096	11 00	1048	48	8
1090	1090	1093	1095	1098	1093	1093	1093	1096	1087	24 00	1096	12 00	1061	35	9
1090	1090	1087	1088	1091	1090	1090	1091	1091	1084	6 00	1104	12 00	1039	65	10
1081	1095	1091	1090	1090	1093	1095	1098	1096	1086	6 00	1099	11 00	1054	45	11
1090	1087	1084	1084	1085	1087	1088	1087	1088	1083	6 00	1102	11 30	1052	50	12
1091	1090	1084	1084	1084	1085	1087	1088	1090	1082	6 00	1095	11 00	1048	47	13
1085	1088	1084	1084	1084	1084	1085	1087	1087	1078	6 00	1095	12 00	1039	56	14
1081	1082	1082	1082	1082	1084	1082	1084	1085	1079	5 00	1090	11 00	1053	37	15
1093	1088	1084	1082	1082	1082	1082	1084	1085	1078	5 55	1094	11 00	1033	61	16
1091	1087	1081	1081	1081	1079	1079	1084	1084	1078	16 00	1091	12 20	1049	42	17
1085	1084	1082	1081	1082	1084	1085	1085	1085	1078	6 00	1088	12 00	1051	37	18
1081	1079	1078	1078	1079	1079	1081	1081	1084	1074	4 00	1088	12 00	1041	47	19
1085	1087	1084	1082	1081	1081	1081	1081	1081	1076	17 00	1087	10 00	1056	31	20
1076	1079	1079	1076	1076	1078	1079	1081	1082	1071	22 05	1083	11 00	1039	44	21
1076	1073	1074	1076	1081	1084	1082	1084	1084	1076	7 00	1090	11 00	1047	43	22
1082	1080	1080	1085	1082	1083	1082	1082	1082	1077	7 00	1088	11 00	1046	42	23
1073	1075	1075	1076	1078	1080	1081	1084	1084	1073	7 00	1089	11 40	1037	52	24
1075	1073	1073	1076	1078	1081	1081	1083	1084	1072	6 50	1090	11 00	1036	54	25
1084	1081	1080	1078	1080	1078	1081	1081	1081	1078	0 05	1085	11 00	1061	24	26
1086	1083	1080	1081	1081	1081	1081	1083	1084	1079	15 00	1087	11 00	1061	26	27
1079	1076	1077	1077	1077	1079	1082	1084	1084	1075	7 00	1090	11 00	1039	51	28
1082	1080	1079	1080	1080	1082	1085	1085	1088	1078	6 00	1091	11 10	1050	41	29
1087	1082	1077	1076	1076	1079	1080	1082	1085	1083	6 00	1096	11 00	1065	31	30
1082	1082	1080	1081	1082	1082	1083	1084	1085	1077	----------	1091	----------	1046	45	--------
1083	1084	1081	1082	1082	1082	1083	1084	1084	1076	----------	1090	----------	1047	43	--------

OCTOBER, 1913.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1086	1083	1080	1078	1078	1081	1081	1085	1088	1081	5 55	1095	10 50	1053	42	1
1078	1077	1078	1078	1080	1081	1083	1086	1086	1080	6 00	1092	11 00	1063	29	2
1083	1081	1080	1080	1081	1081	1083	1083	1085	1078	5 45	1092	11 00	1051	41	3
1078	1078	1080	1080	1081	1083	1085	1086	1088	1079	5 25	1092	12 00	1051	41	4
1089	1085	1081	1086	1085	1085	1085	1088	1086	1085	6 55	1095	10 00	1072	23	5
1094	1089	1089	1091	1091	1088	1089	1092	1094	1088	15 20	1096	11 10	1071	25	6
1092	1085	1088	1082	1082	1088	1085	1088	1092	1082	0 30	1094	11 10	1049	45	7
1095	1095	1092	1085	1088	1090	1090	1095	1095	1090	15 10	1099	11 00	1070	29	8
1086	1081	1083	1086	1086	1089	1089	1096	1091	1085	0 10	1100	11 00	1049	51	9
1069	1066	1089	1091	1099	1091	1093	1093	1099	1083	19 55	1100	11 10	1054	46	10
1109	1103	1101	1101	1099	1101	1101	1103	1103	1092	16 00	1109	10 00	1061	48	11
1102	1094	1092	1092	1094	1094	1094	1100	1094	1089	15 55	1106	10 00	1047	59	12
1094	1092	1090	1087	1087	1087	1090	1092	1092	1087	15 00	1097	11 00	1067	30	13
1097	1092	1087	1090	1090	1087	1090	1092	1092	1087	15 55	1099	11 00	1057	42	14
1094	1090	1090	1092	1092	1092	1094	1100	1100	1083	23 05	1102	11 00	1037	65	15
1092	1084	1084	1082	1082	1082	1087	1087	1090	1081	3 45	1104	11 00	1027	77	16
1089	1083	1083	1083	1083	1083	1083	1089	1089	1080	4 15	1095	11 00	1043	52	17
1090	1088	1082	1082	1082	1085	1088	1092	1095	1083	24 00	1095	11 00	1060	35	18
1094	1089	1087	1089	1089	1089	1094	1094	1094	1087	2 05	1099	12 00	1059	40	19
1086	1088	1086	1088	1086	1086	1090	1096	1096	1085	23 45	1098	10 55	1036	82	20
1077	1079	1082	1082	1082	1085	1087	1089	1089	1082	2 00	1099	13 00	1059	40	21
1083	1083	1081	1083	1083	1086	1086	1089	1089	1081	7 00	1091	12 00	1054	37	22
1088	1085	1082	1082	1082	1085	1085	1090	1090	1082	7 00	1092	11 00	1055	37	23
1081	1079	1079	1077	1079	1084	1087	1087	1091	1082	24 00	1091	10 10	1062	29	24
1093	1090	1088	1088	1088	1088	1090	1090	1090	1085	15 00	1096	11 00	1056	40	25
1079	1082	1079	1079	1082	1087	1089	1092	1092	1079	22 20	1094	11 00	1055	39	26
1094	1088	1088	1088	1086	1088	1091	1094	1096	1085	24 00	1096	12 00	1061	35	27
1095	1087	1085	1083	1083	1085	1085	1087	1090	1086	15 15	1097	11 00	1067	30	28
1086	1084	1082	1082	1082	1084	1086	1089	1089	1081	1 05	1094	11 00	1056	38	29
1073	1075	1075	1075	1075	1078	1078	1083	1083	1075	1 05	1093	11 00	1048	45	30
1082	1080	1080	1082	1082	1082	1087	1087	1087	1080	22 30	1089	11 00	1057	32	31
1088	1085	1085	1085	1085	1086	1088	1091	1091	1083	----------	1096	----------	1056	40	--------
1085	1082	1081	1080	1081	1083	1085	1087	1088	1082	----------	1093	----------	1060	33	--------

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1913.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1086	1088	1086	1086	1086	1084	1081	1076	1061	1056	1051	1056	1063	1078	1081
2	1088	1088	1088	1088	1088	1085	1088	1085	1082	1072	1065	1060	1062	1065	1072
3	1084	1084	1087	1084	1084	1087	1087	1081	1069	1064	1064	1074	1077	1077	1077
4 [a]	1083	1086	1086	1088	1088	1088	1083	1080	1076	1068	1063	1066	1073	1080	1083
5	1085	1085	1085	1085	1085	1085	1089	1087	1077	1067	1067	1069	1072	1077	1079
6	1084	1084	1081	1081	1078	1081	1084	1081	1076	1066	1051	1051	1054	1056	1064
7	1082	1080	1080	1078	1080	1078	1080	1078	1072	1065	1065	1065	1070	1072	1075
8	1079	1082	1079	1076	1076	1074	1074	1074	1074	1069	1064	1064	1066	1072	1079
9	1080	1080	1080	1080	1080	1080	1080	1078	(1070)	(1060)	(1054)	(1056)	(1059)	(1064)	(1068)
10	1080	1082	1080	1082	1080	1077	1074	1074	1070	1057	1057	1067	1077	1077	1080
11	1079	1081	1076	1076	1079	1076	1081	1079	1073	1069	1059	1059	1066	1078	1079
12	1085	1083	1083	1083	1085	1085	1083	1083	(1076)	(1066)	(1055)	(1054)	(1058)	(1064)	(1067)
13	1077	1079	1079	1079	1079	1079	1087	1089	1089	1084	1064	1064	1067	1071	1079
14 [a]	1083	1086	1083	1086	1083	1083	1083	1083	1080	1076	1073	1068	1073	1083	1088
15 [a]	1087	1087	1087	1087	1087	1085	1082	1079	1074	1070	1062	1057	1060	1062	1064
16 [a]	1088	1088	1086	1086	1084	1084	1084	1081	1076	1066	1068	1068	1071	1076	1081
17	1083	1083	1083	1083	1083	1083	1083	1083	1080	1073	1063	1065	1067	1073	1077
18	1090	1087	1085	1087	1087	1090	1090	1090	1087	1077	1065	1057	1060	1067	1083
19	1089	1086	1086	1084	1084	1084	1086	1086	1082	1072	1056	1046	1056	1062	1069
20	1085	1088	1085	1085	1085	1083	1085	1088	1085	1078	1068	1063	1068	1075	1078
21	1087	1084	1084	1082	1082	1082	1082	1082	1080	1074	1070	1072	1067	1064	1074
22	1089	1089	1091	1089	1086	1083	1081	1083	1081	1081	1079	1073	1068	1073	1076
23	1085	1085	1085	1085	1085	1085	1088	1090	1088	1085	1080	1078	1075	1075	1075
24	1091	1091	1089	1089	1087	1084	1087	1091	1089	1087	1087	1087	1087	1084	1084
25 [a]	1093	1093	1093	1090	1090	1088	1088	1093	1090	1086	1078	1080	1080	1078	1080
26	1092	1095	1092	1092	1089	1089	1087	1089	1089	1085	1072	1069	1075	1077	1079
27	1091	1088	1088	1088	1088	1086	1084	1084	1084	1081	1081	1081	1084	1084	1086
28	1093	1090	1090	1087	1087	1085	1085	1085	1085	1085	1087	1085	1083	1077	1080
29	1086	1089	1086	1089	1089	1086	1084	1082	1082	1079	1079	1086	1092	1092	1092
30	1085	1088	1088	1088	1085	1085	1083	1085	1083	1083	1081	1078	1078	1071	1073
Mean	1086	1086	1085	1085	1084	1083	1084	1083	1079	1073	1068	1067	1070	1073	1077
Mean [a]	1087	1088	1087	1087	1086	1086	1084	1083	1079	1073	1069	1068	1071	1076	1079

DECEMBER, 1913.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1082	1083	1085	1087	1085	1083	1081	1084	1084	1080	1074	1067	1070	1074	1075
2	1082	1083	1084	1085	1087	1086	1084	1085	1084	1083	1078	1076	1074	1070	1067
3	1081	1081	1080	1082	1083	1082	1081	1081	1080	1079	1075	1070	1069	1070	1074
4	1081	1082	1083	1085	1085	1084	1083	1083	1083	1084	1082	1076	1072	1073	1078
5	1079	1081	1085	1082	1085	1084	1082	1080	1075	1069	1065	1061	1070	1076	1084
6	1082	1084	1085	1088	1085	1081	1080	1081	1081	1079	1077	1076	1076	1078	1082
7	1086	1086	1087	1086	1085	1083	1082	1080	1078	1077	1075	1072	1077	1082	1085
8	1086	1087	1089	1089	1086	1083	1082	1080	1077	1073	1071	1068	1068	1074	1078
9	1085	1087	1088	1086	1087	1085	1082	1080	1078	1076	1073	1071	1069	1065	1073
10 [a]	1088	1088	1088	1086	1085	1083	1082	1080	1078	1080	1082	1086	1090	1090	1088
11 [a]	1087	1088	1090	1089	1088	1086	1084	1082	1079	1074	1077	1083	1082	1080	1079
12	1079	1081	1081	1080	1080	1079	1079	1078	1076	1073	1066	1061	1069	1068	1069
13 [a]	1078	1078	1077	1077	1076	1076	1075	1073	1068	1062	1060	1052	1057	1060	1063
14	1072	1073	1074	1075	1076	1074	1072	1069	1064	1061	1056	1061	1064	1066	1066
15	1074	1073	1073	1074	1075	1073	1071	1070	1063	1053	1056	1057	1059	1062	1065
16	1069	1069	1069	1068	1068	1067	1067	1066	1065	1062	1059	1054	1056	1055	1057
17 [a]	1066	1067	1068	1069	1070	1069	1068	1067	1062	1055	1045	1042	1047	1050	1055
18	1072	1073	1071	1069	1068	1068	1067	1066	1066	1063	1058	1054	1055	1056	1061
19	1068	1068	1069	1070	1069	1068	1067	1067	1065	1062	1055	1050	1053	1057	1058
20	1069	1069	1067	1067	1066	1066	1065	1064	1062	1057	1054	1056	1057	1058	1059
21	1065	1064	1063	1064	1063	1063	1063	1062	1060	1056	1053	1050	1055	1057	1060
22	1067	1065	1064	1063	1063	1064	1063	1064	1062	1060	1057	1059	1053	1047	1050
23 [a]	1061	1060	1059	1059	1058	1058	1059	1060	1060	1056	1057	1061	1060	1059	1058
24	1063	1062	1061	1062	1061	1060	1058	1058	1057	1053	1048	1045	1051	1050	1052
25	1057	1058	1056	1055	1054	1053	1052	1053	1053	1053	1051	1047	1050	1049	1052
26	1060	1059	1058	1056	1055	1053	1054	1054	1055	1051	1051	1051	1050	1046	1043
27	1055	1054	1054	1053	1054	1054	1053	1052	1050	1045	1035	1035	1038	1049	1052
28	1058	1056	1055	1053	1052	1051	1049	1050	1049	1046	1043	1041	1034	1043	1044
29	1051	1051	1051	1051	1052	1050	1048	1045	1040	1035	1028	1028	1030	1036	1038
30	1052	1052	1051	1051	1050	1049	1047	1046	1041	1030	1026	1020	1027	1039	1046
31	1045	1046	1047	1046	1047	1048	1047	1045	1043	1037	1028	1023	1023	1032	1035
Mean	1071	1071	1071	1071	1071	1070	1069	1068	1066	1062	1059	1057	1058	1060	1063
Mean [a]	1076	1076	1076	1076	1075	1074	1074	1072	1069	1065	1064	1065	1067	1068	1069

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1913.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1084	1086	1086	1084	1084	1084	1084	1086	1088	1079	21 25	1090	11 00	1051	39	1
1075	1080	1080	1080	1078	1080	1080	1080	1085	1079	2 15	1090	12 00	1060	30	2
1079	1077	1077	1077	1079	1079	1079	1084	1084	1079	2 15	1089	10 50	1062	27	3
1083	1083	1083	1083	1083	1083	1083	1086	1086	1081	4 05	1090	11 00	1063	27	4
1079	1082	1082	1082	1082	1082	1085	1085	1085	1081	7 00	1089	10 20	1065	24	5
1071	1078	1081	1081	1078	1078	1081	1081	1081	1074	0 05	1085	11 20	1049	36	6
1072	1072	1075	1078	1075	1075	1078	1080	1080	1075	1 00	1082	10 50	1063	19	7
1079	1076	1074	1076	1076	1079	1082	1084	1082	1075	23 00	1084	11 30	1062	22	8
(1071)	1070	1073	1073	1076	1076	1076	1078	1078	1072	0 05	1082	11 00	(1054)	28	9
1080	1074	1074	1077	1077	1077	1077	1080	1080	1075	2 05	1084	10 55	1055	29	10
1070	1076	1076	1076	1076	1076	1081	1081	1086	1076	24 00	1086	11 35	1057	29	11
(1070)	1067	1067	1070	1073	1073	1073	1075	1077	1073	5 10	1087	11 00	(1054)	33	12
1083	1083	1081	1081	1081	1084	1084	1084	1084	1080	8 30	1091	11 50	1062	29	13
1090	1086	1083	1086	1086	1086	1088	1090	1088	1083	16 15	1092	12 00	1068	24	14
1072	1074	1079	1082	1082	1085	1085	1087	1089	1078	24 00	1089	12 00	1057	32	15
1081	1081	1081	1081	1084	1084	1084	1084	1084	1080	0 05	1089	10 00	1066	23	16
1080	1083	1083	1083	1085	1085	1085	1087	1087	1080	22 50	1089	11 00	1063	26	17
1085	1087	1085	1085	1083	1083	1087	1087	1087	1082	6 30	1092	12 00	1057	35	18
1082	1084	1082	1082	1079	1082	1084	1086	1086	1078	1 00	1089	12 00	1046	43	19
1083	1088	1085	1083	1083	1083	1088	1088	1088	1082	23 15	1090	12 00	1063	27	20
1077	1082	1082	1080	1080	1080	1084	1084	1087	1079	0 05	1088	14 00	1064	24	21
1081	1083	1081	1081	1081	1083	1086	1086	1086	1082	3 00	1091	13 00	1068	23	22
1080	1085	1085	1088	1038	1088	1088	1090	1092	1084	24 00	1092	12 30	1073	19	23
1087	1089	1084	1087	1089	1091	1091	1091	1094	1088	24 00	1094	10 30	1082	12	24
1086	1083	1083	1080	1086	1088	1088	1093	1093	1087	23 20	1095	10 50	1076	19	25
1082	1085	1082	1082	1085	1082	1085	1089	1089	1085	2 00	1095	12 00	1069	26	26
1088	1091	1091	1091	1091	1088	1088	1091	1094	1087	24 00	1094	11 50	1079	15	27
1087	1087	1083	1083	1085	1083	1087	1087	1087	1086	1 00	1093	14 00	1077	16	28
1092	1086	1079	1079	1082	1079	1084	1084	1084	1085	13 30	1094	10 25	1077	17	29
1081	1078	1078	1078	1075	1075	1081	1081	1081	1081	1 55	1090	14 00	1071	19	30
1081	1081	1080	1081	1081	1082	1084	1085	1086	1080	----------	1090	----------	1064	26	--------
1082	1081	1082	1082	1084	1085	1086	1088	1088	1082	----------	1091	----------	1066	25	--------

DECEMBER, 1913.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1076	1077	1077	1076	1076	1078	1080	1081	1082	1079	4 00	1087	12 11	1066	21	1
1070	1077	1074	1072	1070	1073	1076	1078	1080	1078	5 00	1087	15 00	1067	20	2
1078	1079	1078	1077	1076	1077	1079	1080	1081	1078	5 00	1083	12 12	1068	15	3
1080	1082	1081	1079	1078	1078	1079	1080	1080	1080	23 46	1087	12 29	1071	16	4
1083	1081	1079	1080	1080	1081	1081	1081	1081	1079	2 51	1086	12 00	1061	25	5
1083	1084	1083	1083	1083	1084	1086	1088	1088	1082	3 21	1089	12 39	1075	14	6
1090	1086	1083	1080	1078	1080	1083	1086	1087	1082	15 39	1091	11 43	1070	21	7
1083	1085	1083	1081	1079	1081	1083	1084	1086	1081	2 40	1090	11 31	1067	23	8
1080	1081	1083	1080	1082	1084	1086	1088	1090	1081	24 00	1090	14 00	1065	25	9
1085	1082	1082	1083	1086	1085	1085	1087	1088	1085	14 12	1091	9 00	1078	13	10
1078	1077	1077	1077	1077	1078	1079	1080	1080	1081	3 00	1090	10 00	1074	16	11
1073	1071	1073	1074	1074	1075	1075	1076	1076	1074	1 23	1082	12 00	1061	21	12
1067	1069	1068	1070	1070	1071	1072	1072	1072	1069	4 24	1079	12 00	1052	27	13
1065	1065	1067	1069	1070	1071	1069	1072	1074	1069	5 00	1076	11 00	1056	20	14
1064	1066	1067	1068	1068	1068	1067	1066	1066	1067	5 00	1075	10 00	1053	22	15
1059	1060	1061	1062	1062	1062	1063	1064	1064	1063	2 12	1070	12 30	1053	17	16
1060	1066	1065	1065	1065	1066	1067	1070	1072	1062	24 00	1072	12 00	1042	30	17
1066	1070	1071	1069	1069	1069	1071	1069	1069	1066	2 00	1073	12 00	1054	19	18
1062	1067	1068	1067	1065	1063	1065	1068	1070	1064	22 37	1071	12 00	1050	21	19
1061	1066	1069	1069	1067	1066	1065	1064	1064	1064	17 42	1070	11 00	1054	16	20
1063	1063	1062	1062	1062	1063	1065	1066	1068	1061	24 00	1068	12 00	1050	18	21
1058	1059	1060	1058	1057	1058	1060	1060	1062	1060	1 00	1067	14 00	1047	20	22
1058	1059	1060	1061	1062	1063	1064	1062	1063	1060	22 00	1064	10 00	1056	8	23
1055	1056	1056	1057	1058	1058	1060	1060	1058	1057	1 00	1063	12 00	1045	18	24
1054	1059	1057	1057	1059	1059	1058	1059	1061	1055	24 00	1061	12 00	1047	14	25
1046	1050	1051	1051	1052	1053	1053	1054	1056	1053	2 06	1062	15 00	1043	19	26
1053	1054	1054	1053	1053	1054	1055	1055	1057	1051	24 00	1057	11 41	1033	24	27
1046	1049	1051	1051	1049	1049	1049	1049	1051	1049	1 00	1058	13 00	1034	24	28
1040	1045	1048	1048	1049	1050	1052	1053	1052	1045	23 00	1053	11 25	1027	26	29
1051	1054	1053	1050	1047	1046	1045	1044	1044	1044	17 00	1054	12 00	1020	34	30
1038	1040	1041	1041	1039	1041	1044	1045	1045	1040	6 00	1048	12 00	1023	25	31
1065	1067	1067	1067	1067	1067	1068	1069	1070	1066	----------	1074	----------	1054	20	--------
1070	1071	1070	1071	1072	1073	1073	1074	1075	1071	----------	1079	----------	1060	19	--------

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REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

PART I

WORK OF THE BUREAU DURING THE CALENDAR YEAR 1914

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY OF MANILA DURING THE CALENDAR YEAR 1914

MANILA
BUREAU OF PRINTING
1915

137010

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TABLE OF CONTENTS.

PART I.

WORK OF THE BUREAU DURING THE CALENDAR YEAR 1914.

Page.

I. MANILA CENTRAL OBSERVATORY:
  1. Work of the Central Observatory 7
    (*a*) Meteorological Department 7
    (*b*) Seismic Department 7
    (*c*) Magnetic Department 8
    (*d*) Astronomical Department 8
  2. Improvements and new apparatus 9
II. SECONDARY STATIONS:
  1. Changes in stations 10
  2. Stations of the Weather Bureau 10
III. PERSONNEL:
  1. Nationality 11
  2. Separations 11
  3. Promotions 11

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1914.

Page.

Introduction 15
Observations for January, 1914 17
Observations for February, 1914 27
Observations for March, 1914 37
Observations for April, 1914 47
Observations for May, 1914 57
Observations for June, 1914 67
Observations for July, 1914 77
Observations for August, 1914 87
Observations for September, 1914 97
Observations for October, 1914 107
Observations for November, 1914 117
Observations for December, 1914 127
General summary for 1914 137

PART I.

WORK OF THE BUREAU DURING THE CALENDAR YEAR 1914.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1914.

I. MANILA CENTRAL OBSERVATORY.

1. WORK OF THE CENTRAL OBSERVATORY.

(*a*) **Meteorological department.**—The routine work of this department has been maintained throughout the year as hithertofore.

The Bureau has been unable to expand and extend its work owing to the strict economy that had to be practiced, but at the same time much was done in the study of the climatological conditions of the Islands in so far as these conditions affect the agricultural prosperity of the country. For this object an elaborate monograph was published by Rev. Miguel Saderra, the Assistant Director, on the Annual Amount and Distribution of the Rainfall in the Archipelago. And in order to call attention to the climate of the Islands, a pamphlet was prepared on the subject by the Director for the Philippine Board of the Panama Exposition for distribution during the Exposition at San Francisco.

The Rev. Antonio Galan, S. J., a volunteer assistant in the Observatory, published during this year a mathematical study of the Diurnal Variation of the Atmospheric Pressure in Manila.

The year 1914 was one of comparative freedom from typhoons in the Islands, and, with the exception of the Samar and Luzon typhoon in June and the Manila flood of September, very little damage was done by storms. The Rev. Jose Coronas, chief of the meteorological department, published two reprints from the Monthly Bulletins, one on the June typhoon and the other on the typhoons and floods of September.

The number of typhoon warnings sent to foreign observatories during the year was 127. The number of barometers compared and corrected was 156.

From April 1 to June 15, 1914, advantage was taken of the privilege of reducing the office hours from seven to five per day, though the observers were kept on duty each day as usual from 6 a. m. to 7 p. m. The overtime given by the employees during the year was 1,836 hours and 24 minutes.

(*b*) **Seismic department.**—During the year, 146 earthquakes were felt in the Philippines. Of this number 127 were of intensity II–IV according to the Rossi-Forel scale, and 19 of intensity V–VII. Happily, there was not a single one violent enough to cause damage and destruction to buildings and property. The regions of the Archipelago that have reported the greatest number, but not the most violent earthquakes, were northern Luzon and northeastern Mindanao.

The microseismographs registered 329 perturbations during 1914. Of this number 218 corresponded to earthquakes that had occurred in the different parts of the Philippines and within a radius of 1,000 kilometers around Manila; the rest, 111, were due to distant earthquakes. Some of these records are worth special mention, viz, those due to the earthquakes in Java, Sumatra, Peru, Chili, Mexico, Turkey, and Kagoshima (Japan), which last coincided with the eruption of the volcano in the neighboring Island of Sakura-Jima. Most of the distant earthquakes were submarine, which took place principally in the Pacific close to New Guinea, the Salomon Islands, and to the north close to the Aleutian and Kurile Islands.

The station at Ambulong, Taal.—This station which was founded by authority of the Legislative Assembly of 1912, for the special object of facilitating the study of the Taal Volcano, so as to prevent as far as possible a repetition of the loss of life occasioned by the eruption of 1911, has continued its services as hithertofore.

The number of parties carried by the launch to visit the volcano was 25, representing a total number of 91 persons.

New station in Guam.—For a long time past it had been our desire to have on the Island of Guam the installation of a seismograph, for, owing to its position near the famous Challenger Deep, the island was very interesting from a seismic point of view, and several seismologists of the International Seismic Station of Strassburg had written to Manila Observatory on the same subject. It was not, however, easy to realize the project without burdening the Weather Bureau with a good deal of expense in salaries and material. Fortunately the United States Navy came to our help. With the permission of the Secretary of the Navy, the authorities of the naval station at Guam offered to place at the disposal of the Weather Bureau the housing facilities and the personnel necessary for the care of the seismograph, provided this Bureau would lend the instrument and see to its installation. The reason for this offer was that the naval authorities were anxious to learn more concerning the seismic condition of the island in view of the construction of the fortifications to be erected there. The offer was accepted with gratitude and with the permission of the Honorable the Governor-General the Rev. Miguel Saderra Maso, Assistant Director of the Weather Bureau, was sent to Guam for this object. Father Saderra left Manila August 8 on board U. S. S. *Supply,* installed the instrument in the Government House, and instructed a marine in the care of the apparatus and returned to Manila on September 5, 1914.

Special publications.—Father Saderra, in collaboration with Dr. W. Smith of the division of mines, published in the Philippine Journal of Science a study on "The relation of seismic disturbances in the Philippines to Geological Structure." He also published in the Bulletin of the Weather Bureau a special study on the character of the Baguio earthquakes and their probable cause.

(*c*) **Magnetic department.**—During the year 1914 the routine work of the Observatory has gone on as usual. In July there arrived from Washington, D. C., the corrections and instrumental errors of our apparatus as calculated by the department of magnetism of Carnegie Institution, and with these we began the measurement of the photographic curves of the past three years so as to reduce their measure to absolute values and prepare them for publication.

As usual, the quarterly report of magnetic calm and stormy days was sent regularly to the chief of the magnetic service of De Bilt, Holland, to be included in the Bulletin of Magnetism published by the Permanent International Commission of Terrestrial Magnetism. Photographic copies of the traces of the greater magnetic storms were also forwarded to the same commission.

Special observations were made during several partial eclipses of the sun, and during the total eclipse in August the Observatory took part in the simultaneous international observations which were made every five minutes for two hours before and after, and every minute during the hour at which the eclipse took place.

(*d*) **Astronomical department.**—During the year 1914, 940 transits of stars were observed and 33 chronometers rated.

Much time was occupied in the determination of the constants of a new transit instrument. Every week observation of stars near the pole were made for azimuth and colimation; 35 observations of circumpolar stars (α and δ Ursae minoris and 51 H Cephei) were made for the determination of the equatorial distances of the side wires of the micrometer with reference with the meridian wire, the following values with their probable errors being obtained:

$+37^{s}.028 \pm 0^{s}.0122$.	$-37^{s}.351 \pm 0^{s}.0110$.
$+34^{s}.144 \pm 0^{s}.0105$.	$-34^{s}.310 \pm 0^{s}.0118$.
$+31^{s}.257 \pm 0^{s}.0124$.	$-31^{s}.267 \pm 0^{s}.0122$.
$+25^{s}.011 \pm 0^{s}.0104$.	$-25^{s}.194 \pm 0^{s}.0122$.
$+21^{s}.989 \pm 0^{s}.0100$.	$-22^{s}.252 \pm 0^{s}.0106$.

Eighty observations of α and λ Ursae Minoris were made for the determination of the value in time of one revolution of the micrometer screw, which gave a value of $5^{s}.924$ with a probable error of $0^{s}.0052$.

Forty determinations of the value in arc of one division of the level gave $1''.378 \pm 0''.0043$.

At the beginning of August, 1913, the time ball was connected with the chronograph of the Observatory in order that the errors in the time of fall could be determined. During the present year the greatest errors of the time of fall were—

$0^{s}.54$	February 11.
$0^{s}.37$	July 7.
$0^{s}.30$	July 13, 18.
$0^{s}.33$	August 17.
$0^{s}.33$	September 15.

At the end of January and the beginning of February, 1914, a series of observations and drawings were made of the planet Mars, at the suggestion of Professor Pickering of Harvard. In his letter acknowledging the receipt of the drawings the Professor says: "They are the only colored drawings that I have received and are specially interesting on that account for comparison with my own."

The observations on solar radiation were made as usual on all days on which the sky was clear by means of the Angstrom compensating pyrheliometer; 730 observations were made during the year. Since October, 1913, records were obtained every day with the Calendar's sunshine receiver and electrical recorded of which we shall speak later.

2. IMPROVEMENTS AND NEW APPARATUS.

(*a*) The only change that has been made in the Central Observatory was the translation of the large Wiechert seismograph from the kiosk in the garden to a room in the interior of the astronomical building. This was necessary because the changes of temperature in the kiosk affected adversely the records of the instrument; in the astronomical building this is avoided, and since the change the apparatus has worked satisfactorily.

(*b*) Two 180-kilogram Wiechert seismographs were acquired during the year. One of these is now working in Guam, and the other is being observed in the Central Observatory with the view of installing it in some station of the Visayas or Mindanao for the better study of the frequent seismic movements which have their origin in the "Great Philippine Deep" discovered by the "Planet."

In the mechanics' shop a simple seismograph has been constructed. It is of the general Omori type, but greatly modified in order that it might take up but little space and be installed on the ground floor of houses of even light material.

(*c*) In June, 1914, new magnets for the declination, horizontal component, and inclination were obtained from England; the declination magnets and the inclination needles have given fair results; the magnets for the horizontal component have not had their constants determined as yet, but it is hoped that they will give good values. With these new parts the Observatory is now provided with a double set of magnets for each of the instruments and hence will not be obliged to interrupt its series of observations in case of accident to a magnet.

(*d*) One small improvement to the observatory in Antipolo carried out at the beginning of 1914 was the lining of the variation chamber with vulcanite roofing material in order to diminish as much as possible the changes of temperature, which up to that time had affected the photographic records.

(*e*) For the improvement of the time service, a new transit instrument was received toward the end of 1913 from the well-known firm of Repsold & Söhne of Hamburg and was installed in the place of the old Dollond instrument. The objective of the new transit is 7.5 cc. and its focal length about 80 cc.; the micrometer is provided with eleven fixed and three moveable wires.

(*f*) A Calendar's sunshine receiver and electrical recorder supplied by the Cambriedge Scientific Instrument Company was installed on the observatory tower toward the end of 1913, and during the year 1914 has given good results. It is a very delicate and complicated instrument which gives a continuous record of the vertical component of the radiation of the sky. The action of the instrument may be described as follows: "A small current from two storage sells connected up in series passes through both resistances of the receiver. If the temperatures of both wires are the same, the receiver is so constructed that the resistances are equal; but by a well-known law, if the temperature of one wire exceeds that of the other, the electrical resistance of the former exceeds that of the latter, and the differences of temperature and resistance between the wires are connected by a relation which is almost exactly linear. Consequently, a record of the difference between the resistances is also the record of the difference between the temperatures of the wires; and it is also a measure of the radiation from the sky as received on a horizontal surface, since the temperature of the black wire is reaised above that of the bright wire by an amount depending on the radiation falling on the plate." (Meteorological Office, Geophysical Memoirs No. 4, by R. Corless.)

Both the Repsold transit instrument (₱3,481) and the Calendar's sunshine receiver and electrical recorder (₱750) were purchased with the private funds of the Observatory staff.

II. SECONDARY STATIONS.

1. CHANGES IN STATIONS.

There has been but little change in the secondary stations of the Bureau during the year. In December, 1913, a new station was founded at Puerto Princesa, Palawan, and by the beginning of the year 1914 was in complete working order. One station was closed, viz, that at Silang, Cavite, and arrangements were made for the opening of a new one at Glan, southern Mindanao, where it is thought good work may be done as an agricultural colony is to be opened in the vicinity in the near future.

2. STATIONS OF THE WEATHER BUREAU.

Hence, at the end of 1914 the Weather Bureau was maintaining the following stations:

One branch observatory at Baguio, 1 magnetic observatory at Antipolo, 1 seismic and geophysic station at Ambulong, 7 first-class stations, 10 second-class, 25 third-class, and 10 rain stations.

III. PERSONNEL.

1. **Nationality.**—The composition of the personnel of the Weather Bureau as to nationality has remained practically unchanged, over 91 per cent being Filipinos.

2. **Separation.**—There were 8 separations from the service during the year and 8 appointments. Of the separations, 1 was caused by death, 2 dismissals owing to unsatisfactory work, and 5 resignations.

3. **Promotions.**—There were 20 promotions in all, those obtaining the promotions being all among the Filipino employees of the Bureau. Some of those who received a well-merited promotion have been in the service of the Weather Bureau or the old Spanish Oficina Meteorologica for more than thirty years.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1914.

INTRODUCTION.

Part II of our report for 1914 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time—that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 8 a. m. until 5 p. m. only.

Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the time of their occurrence, are united into a separate table. The thermometer and atmidometer are placed in the observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All oboservations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	⌓	Dew.
S.	Stratus.	⊕	Solar corona.
Fr.-Cu.	Fracto-cumulus.	○	Solar halo.
Fr.-N.	Fracto-nimbus.	◒	Lunar corona.
Fr.-S.	Fracto-stratus.	◡	Lunar halo.
S.-cf.	Stratus-cumuliformis.	↯	Lightning.
N.-cf.	Nimbus-cumuliformis.	⛈	Thunderstorm.
M.-Cu.	Mammato-cumulus.	T	Thunder.
b	Clear, blue sky.	↙	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dust haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures $^{\circ}$ and ^{2}, which should be used as exponents of the symbols, so that $^{\circ}$ indicates slight, and ^{2} strong; e. g., ●$^{\circ}$=slight rain, ●^{2}=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	65. 15	64. 65	64. 40	64. 35	64. 40	64. 64	65. 25	65. 69	**65.81**	65. 51	64. 97	64. 15
2	64. 55	64. 15	63. 90	64. 05	64. 20	64. 36	64. 80	65. 29	**65.36**	65. 04	64. 52	63. 79
3	64. 80	64. 45	64. 15	64. 15	64. 15	64. 53	64. 95	65. 44	65. 57	65. 48	65. 27	64. 99
4	65. 25	64. 80	64. 45	64. 15	64. 25	64. 55	64. 85	65. 35	65. 60	65. 58	64. 98	64. 19
5	65. 10	64. 85	64. 60	64. 55	64. 90	64. 99	65. 39	65. 79	**65.96**	65. 57	64. 93	64. 14
6	64. 15	64	63. 70	63. 85	64. 20	64. 63	65. 11	65. 25	**65.46**	65. 38	64. 85	64. 05
7	64. 95	64. 45	64. 05	64. 05	64. 10	64. 44	64. 95	65. 44	**65.61**	65. 53	65. 04	64. 22
8	64. 75	64. 55	64. 25	64. 40	64. 70	65. 24	65. 95	66. 54	66. 66	66. 57	66. 01	65. 71
9	67. 35	67. 10	66. 95	66. 90	67. 15	67. 27	67. 49	68. 02	**68.48**	68. 22	67. 62	66. 98
10	66. 75	66. 45	66. 25	66. 25	66. 25	66. 75	67. 34	67. 61	67. 68	67. 42	66. 86	66. 09
11	65. 55	65. 15	65	64. 90	64. 95	65. 16	65. 48	66. 06	66. 12	**66.14**	65. 67	64. 83
12	63. 65	63. 35	63. 05	63. 05	63. 15	63. 51	63. 85	64. 02	**64.14**	64. 09	63. 73	63. 14
13	62. 90	62. 70	62. 65	62. 70	62. 85	63	63. 20	**63.37**	63. 33	63. 25	62. 89	62. 42
14	62. 35	62. 15	62. 05	62. 15	62. 40	62. 81	63. 09	63. 61	**63.71**	63. 69	63. 63	63. 14
15	63	62. 60	62. 45	62. 95	63. 25	63. 79	64	**64.25**	64. 16	63. 81	63. 05	62. 27
16	63. 20	62. 90	63. 05	63. 30	63. 45	63. 78	64. 05	64. 36	**64.40**	64. 34	64. 04	63. 32
17	63. 75	63. 30	63. 20	63. 35	63. 60	63. 81	64. 19	64. 83	**64.99**	64. 74	64. 14	63. 37
18	63. 30	63. 05	62. 90	63. 35	63. 50	63. 69	64. 20	64. 80	**65**	64. 59	63. 63	62. 94
19	62. 60	62. 40	62. 10	62. 25	62. 45	62. 80	63	**63.41**	63. 35	62. 86	62. 14	61. 59
20	61. 95	61. 75	61. 65	61. 75	61. 85	61. 85	62. 45	62. 90	**63.01**	62. 68	62. 15	61. 63
21	61. 60	61. 25	61. 30	61. 30	61. 35	61. 65	61. 85	62. 30	**62.59**	62. 49	62. 11	61. 59
22	62	61. 85	61. 65	61. 75	62	62. 28	62. 60	63. 40	63. 41	**63.44**	62. 85	62. 24
23	62. 50	62. 15	62. 05	62	62. 10	62. 45	62. 60	63. 13	63. 13	63. 24	62. 82	62. 48
24	63. 40	62. 95	62. 80	62. 70	62. 75	62. 86	63. 04	63. 84	**63.89**	63. 81	63. 32	62. 81
25	61. 75	61. 65	61. 45	61. 50	61. 60	61. 81	62. 31	62. 99	**63.15**	62. 78	62. 55	62. 25
26	62. 15	61. 75	61. 75	61. 75	61. 70	61. 91	62. 15	62. 56	62. 94	62. 84	62. 45	62. 24
27	63. 45	63. 20	63	63. 05	63	63. 11	63. 35	63. 66	**63.71**	63. 40	62. 95	62. 39
28	62. 60	62. 30	62. 25	62. 30	62. 45	62. 59	62. 85	63. 06	**63.25**	62. 93	62. 46	62. 01
29	61. 90	61. 55	61. 45	61. 65	61. 75	61. 83	62	62. 45	**62.95**	62. 59	62. 17	61. 67
30	61. 65	61. 55	61. 45	61. 40	61. 45	61. 66	61. 80	62. 28	**62.44**	62. 04	61. 68	61. 33
31	61. 85	61. 60	61. 50	61. 65	61. 95	62. 27	62. 37	62. 65	**62.90**	62. 72	61. 99	61. 47
Mean	63. 55	63. 25	63. 08	63. 15	63. 29	63. 55	63. 89	64. 33	**64.48**	64. 28	63. 79	63. 21

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22. 6	22. 1	21. 5	21. 4	21. 4	**20.5**	21	24. 3	26. 4	27. 3	28. 3	**30.5**
2	21. 4	21. 3	20. 7	21	20. 8	**20.4**	20. 5	23. 5	25. 8	27. 7	28. 4	27. 6
3	23. 2	23. 3	22. 5	23. 3	23. 2	22. 2	**22.1**	24. 3	26. 7	27. 8	**28.3**	28
4	22. 3	22. 2	22	21. 4	21. 3	**20.9**	21	24. 7	26. 4	27. 6	27. 1	26. 8
5	22. 6	22	21. 4	21. 8	21. 7	**21.2**	21. 4	24. 2	26. 5	27	27. 5	26. 3
6	22. 2	20. 6	20. 1	20	19. 6	**19.5**	20. 5	24	27	28. 7	27. 6	28. 7
7	22. 4	22. 3	22. 3	21. 5	21. 1	20. 8	**20.7**	23. 7	26	26. 7	28. 3	28. 2
8	21. 4	**20.8**	21. 2	21	21. 1	21. 3	21. 6	22. 8	24. 6	25. 4	**26**	25. 7
9	20. 9	20. 3	20. 4	20	19. 7	19. 8	20	22. 5	24. 1	26. 7	25. 7	27. 3
10	17. 7	17. 4	17. 2	**16.3**	17. 1	16. 3	17. 7	20. 6	23. 9	25	25	**26.2**
11	17. 6	17	16. 5	16. 4	**15.7**	**15.7**	15. 8	18. 8	23. 4	24	25. 6	26. 3
12	18. 1	**17.9**	19. 1	18. 8	**17.9**	18. 1	18. 3	21. 1	23. 7	25	26	27. 3
13	19. 5	19. 3	19. 2	19. 2	19. 5	**19.1**	19. 2	21. 8	26	26	27	26. 6
14	22	21. 1	20. 4	**19.8**	20. 1	20. 1	20	22. 8	25. 1	27. 4	25. 1	26. 6
15	20. 4	20. 1	19. 9	19. 1	19. 4	19. 1	**18.9**	22	25. 7	26. 5	27	28
16	20. 9	21	21. 3	21. 4	22. 1	21. 7	21. 7	23. 3	25. 2	26. 1	25. 9	25. 7
17	20. 2	20. 4	20. 3	20. 7	20. 7	**19.9**	20. 3	23. 5	25. 7	26. 8	28. 2	27. 6
18	20. 1	19. 4	18. 9	19. 1	19	**18.4**	18. 5	21. 8	25. 1	27. 2	27. 8	27. 5
19	19. 2	18. 5	17. 9	17. 3	**16.6**	16. 9	17. 2	20. 8	24. 7	25. 2	25. 8	26. 5
20	20. 4	19. 7	19. 1	18. 5	18. 1	**17.6**	**17.6**	20. 8	24. 6	26. 8	27	27. 6
21	20	19. 4	18. 7	18. 2	18	**17.9**	18. 1	21. 7	25. 5	26. 4	27. 2	27. 9
22	22. 1	21. 7	21. 7	**21.4**	21. 7	21. 6	22. 1	23. 2	25. 5	**27.7**	27. 6	27. 6
23	22. 9	22. 8	22. 4	22	22. 3	**21.6**	22. 1	23. 8	24. 8	26. 6	**28**	26
24	21. 2	20. 3	21	20	20. 2	20. 1	**19.5**	22. 4	25. 8	27. 4	27. 3	27. 5
25	20. 8	20. 2	**19.8**	20	20	20. 5	21	22. 9	25. 3	26. 9	26. 1	26. 1
26	19. 5	19. 1	18. 7	18. 3	**17.9**	18. 1	18. 2	20. 9	24. 3	25. 9	27. 6	26. 5
27	**19.9**	**19.9**	20. 6	20. 5	20. 8	20. 8	21	22. 1	25. 4	26. 3	27. 2	27. 4
28	20. 4	20. 2	19. 3	18. 4	18. 4	**18.2**	**18.2**	21. 9	26. 3	27. 6	27	25. 7
29	21. 1	20. 8	**20.5**	20. 6	20. 7	20. 8	21. 2	23. 4	25. 6	26. 6	27. 1	27. 1
30	21. 7	21. 1	20. 4	20. 1	**19.7**	20. 2	21	23. 5	26. 2	27	27. 6	27. 1
31	22. 5	22. 7	22. 8	23. 1	22. 7	**22.4**	22. 8	25	27. 2	26. 4	26. 3	27. 1
Mean	20. 9	20. 5	20. 3	20	20	**19.7**	20	22. 6	25. 4	26. 6	27	27. 1

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
63.34	62.71	**62.46**	62.82	63.47	64.09	64.70	65.05	65.15	65.10	64.95	64.75	64.48
62.93	62.64	**62.29**	62.64	62.97	63.60	64.15	64.75	65.15	65.15	65.15	64.95	64.18
64.63	64.40	63.98	**63.97**	64.35	65	65.37	65.80	66	**66.05**	66	65.70	64.97
63.68	63.02	**62.92**	63.03	63.45	64.09	64.70	65.05	65.45	65.60	**65.70**	65.55	64.59
63.28	**62.63**	**62.63**	62.74	62.84	63.14	63.58	64.20	64.50	64.80	64.55	64.50	64.34
63.33	62.59	**62.27**	62.48	62.89	63.43	63.79	64.40	64.85	65.30	65.40	65.30	64.19
63.29	62.71	**62.52**	62.67	62.99	63.53	63.92	64.45	64.90	65.20	65.20	65.25	64.31
65.14	64.89	**64.82**	64.89	65.44	66.12	66.64	67.30	67.55	67.60	**67.75**	67.60	65.88
66.27	65.72	**65.49**	65.64	66.14	66.62	66.73	67.30	67.35	67.35	67.35	67.15	**67.03**
65.34	64.84	**64.77**	64.84	65.05	65.20	65.36	65.75	66	66.15	66.10	65.95	66.13
63.99	63.35	63.08	**62.84**	63.24	63.62	63.90	64.25	64.25	64.20	64.05	63.90	64.57
62.59	62.14	**61.84**	62.04	62.13	62.44	62.87	63.05	63.50	63.50	63.35	63.05	63.13
61.92	61.57	**61.42**	61.67	61.78	62.05	62.45	62.65	62.80	62.65	62.60	62.60	62.56
62.60	62.13	**61.78**	61.82	62.17	62.32	62.44	62.70	62.85	63	63	63.35	62.71
61.94	61.72	61.67	**61.52**	62.11	62.64	63.05	63.45	63.50	63.45	63.45	63.35	62.98
62.65	**62.13**	62.29	62.62	62.90	63.33	63.65	64.10	64.10	63.95	64	63.85	63.49
62.59	61.85	**61.65**	61.94	62.62	63.07	63.20	63.90	64.15	63.85	63.80	63.55	63.48
61.97	61.49	**61.19**	61.32	61.40	61.67	62.20	62.65	63	62.95	62.85	62.75	62.93
60.65	60.14	59.86	**59.79**	60.27	60.84	61.27	62.05	62.35	62.50	62.50	62.45	61.90
60.78	60.13	59.63	**59.62**	59.93	60.67	61.34	61.95	62.05	62.05	62.05	61.80	61.57
60.53	59.97	**59.67**	59.87	60.12	60.91	61.32	61.90	62.35	62.30	62.20	62.15	61.44
61.49	60.87	**60.57**	60.82	61.02	61.49	61.84	62.40	62.55	62.70	62.65	62.70	62.11
62.02	61.37	**61.04**	61.42	61.79	62.33	62.87	63.20	63.60	63.70	**63.85**	63.60	62.56
61.75	60.83	60.64	**60.62**	60.90	61.34	61.60	61.95	62.10	62.30	62.25	62	62.35
61.24	60.85	60.47	**60.41**	60.75	61.12	61.50	61.85	62.20	62.30	62.25	62.35	61.80
61.55	61.09	**60.79**	60.83	61.20	61.85	62.40	62.75	63.10	63.35	63.45	**63.60**	62.17
61.64	61.06	**60.72**	60.82	61.05	61.52	61.85	62.10	62.65	62.85	62.65	62.70	62.50
61.20	60.50	**60.10**	60.15	60.29	60.63	60.94	61.35	61.50	61.55	61.65	61.85	61.78
60.84	60.48	**59.97**	60.03	60.17	60.52	60.92	61.30	61.60	61.65	61.65	61.65	61.45
60.77	59.94	**59.78**	59.83	60.33	60.66	61.07	61.55	62.05	62	61.85	61.95	**61.35**
60.80	60.19	**59.62**	59.86	60.32	60.47	60.90	61.35	61.70	61.75	61.55	61.50	61.46
62.48	61.93	**61.68**	61.79	62.13	62.59	62.98	63.44	63.70	63.77	63.74	63.66	63.24

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.3	29	30.2	28.3	26.9	25.5	24.1	23.2	22.9	22.2	22.1	21.4	24.6
28.5	**29.6**	28.9	28.2	27.8	25.9	24.1	23.9	24	24.1	24	23.2	24.6
28	26.8	26.5	25.9	25.3	24.3	24	23.4	23.1	23.1	23.2	23.1	24.6
26.8	27.7	**28.2**	27.7	26.5	24.6	23.6	22.8	22.3	22.3	22.7	22.4	24.2
27.2	**28**	27.6	27.3	26.7	25.1	24.1	23.5	23.3	23.3	23	22.4	24.4
29.9	29.8	**30.2**	28.9	27.7	25.9	25.1	24.7	24	24.1	23.3	23.1	24.8
28.9	29	**29.6**	28.6	26.7	25.1	24.2	23.5	22.5	21.8	22.5	22	24.5
25.7	24.8	23.9	23.9	23.6	22.2	22.2	21.9	22.1	21.6	21.7	21.7	22.8
27.9	27.7	26.9	25.4	24	22.1	21.2	20.8	19.7	19.1	**18.5**	18.8	22.5
24.9	**26.2**	26.1	25.4	23.8	22.2	21.1	19.7	19.4	18.3	17.8	17.2	**20.9**
25.7	25.6	26.2	**27.7**	25.3	24.3	23	21.7	20	19.9	19.8	18.9	21.3
27.1	**28**	**28**	27	26.9	24.8	23.3	22	21	21	20.5	20	22.5
28	**28.8**	27.6	27.3	27	25.5	25	24.6	24.2	23.7	23	22.7	23.7
26.7	**28**	26.7	26.6	25.3	24.1	23.3	22.8	22.1	21.1	20.9	21.1	23.3
28.6	29.5	29.5	**29.6**	27.3	25.1	23.7	22.9	22.6	22.6	22.1	21.6	23.8
25.5	**28.9**	27.9	27.4	26.8	25.2	23.7	22.7	21.9	21	20.7	**20.2**	23.7
27.5	**28.4**	27.7	27.8	27	25.4	23.9	23	22.2	22.2	22.2	21.5	23.9
28.4	29.2	29.3	**29.4**	28	25.9	24.4	23.3	23.1	22.1	21.2	20.3	23.6
26.9	28.1	28.3	**28.5**	27.2	25.2	24.4	23.6	22.6	21.9	21.3	21.3	22.7
28.3	**29.8**	29.4	29.2	27.1	25.3	24.5	23.9	23.2	23	22	20.6	23.5
28.7	29.2	**30.1**	28.9	28.8	26.2	24.8	24.2	23.5	23.1	22.5	22.6	23.8
26.5	27.5	27.5	27.3	26.9	25.8	25.3	24.8	24.1	23.4	22.6	22.6	24.5
24.9	26.8	25.4	25.3	24.7	23.1	22.9	22.5	22.4	22.3	22.3	22.1	23.8
28.4	27.9	**28.4**	27.4	26.4	24.7	23.4	23.1	22.8	22.8	22.7	21.5	23.8
28.5	27.5	27.7	26.9	27.3	24.9	23.6	22.8	22.4	22.3	21.4	20.4	23.6
28.1	28.3	**29.3**	29.1	27.7	25.1	24.2	23.2	22.6	22.2	21.6	20.4	23.2
28.9	29	**30.2**	28.8	28.7	26	24.8	23.7	23.3	22.4	21.8	21.1	24.2
28.7	29.6	**29.8**	28.4	28.5	25.5	24.3	23.8	23.4	23	22.8	21.8	23.8
28.9	28	**29.6**	**29.6**	28	26.2	24.9	24.4	23.7	22.7	23	22.7	24.5
27.4	29.1	**30.6**	29.9	28.1	26.2	24.9	24.3	23.7	23.4	22.8	22.7	24.5
27.6	29.5	30.3	**31.4**	29.7	26.5	25	24	24	24.6	24.6	24.3	**25.5**
27.6	28.2	**28.3**	27.8	26.8	25	23.9	23.2	22.6	22.3	22	21.5	23.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	77	80	83	81	83	**90**	89	73	65	63	60	**55**
2	83	82	83	82	81	**85**	84	76	68	65	62	67
3	82	80	84	79	79	86	**88**	74	67	62	57	**55**
4	84	84	85	87	87	86	**92**	77	63	56	63	65
5	82	86	**90**	88	87	**90**	88	78	74	68	70	71
6	86	89	88	89	**92**	**92**	89	78	70	63	68	70
7	92	90	91	94	95	95	**96**	81	78	74	67	68
8	85	87	88	88	87	90	93	89	76	71	67	**62**
9	75	75	74	77	77.5	78	79	74	67.5	62	61	53.5
10	90	89	89	89.5	87	**92**	87	74	63	62	61	60
11	91	93	93	93	92	93.5	**94**	81	69	60	**55**	57
12	89	90	91	89	90	93	**94**	81	73	68	65	**62**
13	90	92	**94**	**94**	93	92	93	87	72.5	74	68	68.5
14	86	87	89	89.5	90	89	**91**	81	76	69	84	74
15	90	92	92	93	**96**	94	95	87	73	66.5	63	**59**
16	90	88	80	**92**	76	89	**92**	89	78	76	77	77
17	88	91	93	92	92	93	**94**	82	70	64	63	62
18	84	85	85	82	84	89	**92**	77	65	60	60	61
19	87	90	90	93	**94**	**94**	91	83	75	72	70	69
20	91	89	93	93	93	91	**94**	83	75	71.5	71	63
21	86	87.5	88	90	90	91	**93**	84	68.5	68	68	60.5
22	88	87	88	89	89	**90**	**90**	86	77.5	68	66	70
23	84	87	87	87	87	89	90	84	75	71	**66**	74
24	89	91	83	87	90	90	**93**	80	66	**61**	62	**61**
25	86	87	88	88	88	88	**90**	80	69	63	68	73
26	89	91	90	90	92	91	**93**	87	68	65	58	63
27	83	82	84	84	82.5	82.5	82	81	68	62	61	61
28	86	84	88	90	89	90	**91**	80.5	66	63	66	69
29	83	85	83	84	86	**89**	**89**	77	66	71	69	70
30	82	84	84	86	85	87	**88**	80	71	68	65	68
31	**90**	89	89	88	89	89	88	76	69	76	75	69
Mean	86.1	86.9	87.3	88	87.8	89.6	**90.4**	80.7	70.4	66.5	65.7	65.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	15.6	15.8	15.8	**15.4**	15.7	16.1	16.5	16.5	16.6	16.9	17	**17.8**
2	15.7	15.4	15.1	15.1	**14.8**	15.2	15.1	16.4	16.8	18	17.9	18.4
3	17.3	17.1	17.1	16.7	16.6	17.1	**17.5**	16.8	17.3	17.2	16.3	15.4
4	16.8	16.7	16.7	16.5	16.4	15.9	16.9	**17.8**	16	**15.5**	16.9	17.1
5	16.8	16.9	17	17.1	**16.7**	16.8	**16.7**	17.6	19.1	18.1	19	18.1
6	17.1	16	**15.4**	**15.4**	15.7	15.6	15.9	17.4	18.4	18.3	18.6	**20.5**
7	18.5	18.1	18.2	17.8	17.6	17.4	17.5	17.7	**19.4**	19.2	19.1	19.2
8	16.2	15.9	16.5	16.3	16.2	16.9	17.8	18.3	17.5	17.2	16.6	15.3
9	13.7	13.3	13.3	13.4	**13.2**	13.3	13.8	15	15	**16.2**	15.1	14.4
10	13.6	13.1	13	**12.4**	12.6	12.6	13.1	13.3	13.8	14.7	14.3	15.1
11	13.6	13.4	12.9	12.9	**12.3**	12.4	12.5	13	14.8	13.3	13.3	14.6
12	13.8	**13.7**	15	14.4	**13.7**	14.4	14.7	15.1	15.8	16	16.3	16.8
13	**15.2**	15.4	15.6	15.6	15.7	**15.2**	15.4	16.8	18.1	18.5	18.1	17.7
14	16.9	16.2	15.8	**15.4**	15.7	15.5	15.7	16.7	17.9	18.7	**20**	19.2
15	16	16.2	16	**15.3**	16.1	15.5	15.4	17	17.9	17.1	16.7	16.5
16	16.5	16.3	15.1	17.4	15.1	17.2	17.7	18.9	18.6	19	19.1	18.9
17	15.5	16.3	16.5	16.8	16.8	16.1	16.7	17.7	17.2	16.7	**17.8**	16.9
18	14.7	14.2	13.9	**13.4**	13.7	14	14.6	15	15.3	16.1	16.8	16.6
19	14.5	14.3	13.7	13.6	**13.2**	13.5	13.3	15.2	17.3	17.1	17.3	17.8
20	16.2	15.3	15.3	14.7	14.4	**13.6**	14.1	15.2	17.2	18.7	**18.8**	17.3
21	14.9	14.7	14.2	14	**13.8**	13.9	14.4	16.2	16.6	17.3	18.1	16.9
22	17.5	**16.9**	17	**16.9**	17.2	17.3	17.8	18.2	18.8	18.7	18.1	**19.2**
23	17.5	17.9	17.5	17	17.4	17.1	17.8	18.4	17.6	18.5	18.6	18.5
24	16.7	16	15.5	**15.1**	15.8	15.7	15.7	16.1	16.3	16.5	16.8	16.6
25	15.7	15.3	15.1	15.3	15.3	15.8	16.6	16.6	16.6	16.6	17.1	**18.4**
26	15.1	15	14.5	14.1	**14**	14.1	14.5	16	15.3	16.2	15.9	16.2
27	14.4	**14.2**	15.2	15.1	15.1	15.1	15.1	16.1	16.5	15.8	16.5	16.7
28	15.3	14.8	14.7	14.2	**14**	**14**	14.2	15.7	16.7	17.3	17.5	17
29	15.4	15.6	**14.9**	15.2	15.6	16.2	16.7	16.5	16	18.3	18.4	18.5
30	15.8	15.7	15	15	**14.5**	15.3	16.3	17.3	18	18.1	17.8	18
31	18.3	18.2	18.5	18.4	18.3	18	18.1	18	18.5	**19.6**	19	18.4
Mean	15.8	15.6	15.5	15.4	**15.3**	15.4	15.7	16.5	17	17.3	17.4	17.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57	58	**55**	62	63	70	74	79	78	80	80	84.5	72.5
66	62	**55**	56	58	67	78	77	77.5	78	78	83	73.1
56	62	64	61	65	71	70	80	82	81	79	79	72.6
66	62	**58**	**58**	61	70	76	78.5	81	82	84	84	74.6
75	**64**	68	67	69	72	78	80	81	82	83.5	86	78.2
62	57	**56**	59	64	69	71	75	78	86	90	88	76.2
63	64	**59**	65	74	76	79	80	82	84	78	84	79.5
74	76	80	85	87	**98**	84	80.5	82	79.5	75	72	81.5
53	**50**	**50**	58	61	67	72	75	79	81	**84**	83	**69.4**
64	62	65	**59**	63	71.5	71	76	76	82	85	87	75.2
64	60	61	59	66	67	73	80	87	88	87	89	77.2
65	63	67	68	67	75	79	83	85	85	89	93	79.3
58	63	72	70	73	81	81	82	80	82	84	82.5	80.3
70	**65**	74	74	77	82	77	82	81	86	88	87	81.2
59	60	59	61	66	75	81	83	82	83	87	88	78.5
80	**56**	68	71	74.5	66	69	77	80.5	85	86	85	79.2
60	**57**	64	62.5	62	65	72	77	80	67	76	83	75.4
58	55	**52**	61	56	59	69	74	73	79	84	83	72
62.5	**59.5**	65	70	67	75	76	81	83	84	82	86	79.1
61	56	**54**	59	63	68	72	72	70	74	83	88	76.1
57.5	63	**54**	61	59	69.5	75	75	80	83	83	86	75.9
72	70	69	70	**65**	69	71	75	78	81	85	84	78.2
82	73	81	80	78	86	**91**	88	88	85	84	85	**82.6**
62	65	63	66	65	72	77	76	78.5	78.5	81	87	76
51	61	59	60	61	71	76	79	78	79	82	88	75.5
59	58	58	**55**	62	70	66	71	72	74	80	86	74.5
59	58	55	58	**53**	63	64	65.5	68	77	83	**85**	70.9
58	57	54	**51.5**	53	59	62	67	71	73	76	80	71.8
62	61	**58**	63	63	69.5	77	76	80	82	79	80	75.1
68	57	**53**	55	60	72	76	80	83	86	86	**88**	75.5
69	63	55	**51**	56	70.5	73	80	80	77	76	78	75.6
63.6	**61.2**	61.5	63.1	64.9	71.5	74.5	77.6	79.2	80.8	82.5	84.6	76.2

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
16.3	17.4	17.6	**17.8**	16.6	17	16.6	16.6	16.1	15.9	15.8	16	16.5
19	**19.1**	16.3	16	16.1	16.5	17.5	16.9	17.2	17.5	17.4	17.5	16.7
15.6	16.3	16.5	**15.1**	15.5	15.9	15.6	17	17.2	17	16.6	16.5	16.6
17.2	17	16.4	16.2	15.6	16.1	16.4	16.2	16.3	16.5	17.3	17	16.6
20	18	18.6	18	17.9	17	17.3	17.1	17.2	17.4	17.4	17.3	17.6
19.4	17.8	17.8	17.4	17.6	17.1	16.8	17.3	17.4	19.1	19	18.4	17.5
18.6	19.1	18.1	19	19.2	18.1	17.8	17.1	16.5	16.3	**15.9**	16.5	18
18.1	17.7	17.6	18.7	18.8	**19.5**	16.7	15.7	16.3	15.2	14.5	**13.9**	16.8
14.8	13.9	**13.2**	13.9	13.6	**13.2**	13.4	13.6	13.6	13.3	13.4	13.3	13.9
14.9	15.7	**16.4**	14.2	13.7	14.2	13.2	12.9	12.7	12.9	12.9	12.7	**13.7**
15.8	14.6	15.5	**16.3**	15.9	15.1	15.2	15.5	15.1	15.2	14.9	14.5	14.3
17.3	17.8	**18.7**	18.1	17.5	17.4	16.7	16.3	15.8	15.8	15.9	16.2	16
16.3	18.5	**19.7**	19	19.3	**19.7**	19.1	18.8	17.9	17.9	17.6	16.9	17.4
18.2	18.2	19.2	19.2	18.5	18.4	16.4	16.9	16.1	16.1	16.2	16.2	17.2
17.1	18.4	18	**18.9**	17.9	17.8	17.5	17.3	16.8	17	17.1	16.9	16.9
19.4	16.5	19	19.3	**19.5**	15.7	**15**	15.7	15.7	15.8	15.6	**15**	17.2
16.4	16.4	17.6	17.3	16.4	15.6	15.8	16.1	15.9	**13.4**	15	15.8	16.4
16.6	16.7	15.7	**18.5**	15.6	14.6	15.7	15.7	15.3	15.6	15.8	14.8	15.4
16.4	16.8	18.5	**20.2**	17.9	17.9	17.3	17.6	17	16.4	15.4	16.3	16.2
17.4	17.5	16.4	17.8	16.7	16.4	16.5	15.8	14.8	15.6	16.3	15.9	16.2
16.8	**19**	17.3	18	17.5	17.6	17.4	16.9	17.1	17.4	16.9	17.5	16.4
18.5	19	18.9	19	17	17.1	17.1	17.6	17.5	17.4	17.3	17.2	17.8
19.1	19.1	**19.6**	19.3	18	18.1	18.9	17.7	17.6	17	**16.8**	**16.8**	18
17.9	**18.2**	18.1	17.8	16.6	16.6	16.5	16	16.2	16.2	16.6	16.5	16.5
14.8	16.6	16.3	15.9	16.6	16.6	16.4	16.4	15.7	15.8	15.5	15.7	16.1
16.6	16.7	**17.5**	16.5	17.2	16.7	14.8	14.9	14.6	14.7	15.4	15.3	15.5
17.6	17.2	**17.6**	16.9	15.5	15.8	15	14.3	14.4	15.4	16.1	15.9	15.7
17	**17.6**	16.7	14.8	15.3	14.4	14.1	14.7	15.1	15.2	15.7	15.6	15.5
18.4	17.1	18	**19.3**	17.8	17.6	18	17.3	17.4	16.8	16.4	16.4	17
18.3	17.1	17.3	17.4	17	18.2	17.9	18	18.1	**18.4**	17.7	18	17.1
19	19.2	17.7	17.4	**17.3**	18.1	**17.3**	17.7	17.7	17.7	17.5	17.7	**18.2**
17.4	17.4	**17.5**	**17.5**	17	16.8	16.4	16.4	16.2	16.2	16.2	16.1	16.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. WSW	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E	Ci.-S.	S.-Cu. NEbyE	Ci.-S.	S.-Cu. NEbyE
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	-----	Cu. E	-----	Cu. E
3	Ci.	Cu. ENE	Ci.-S.	S.-Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.
4	A.-Cu.	Cu.	A.-Cu. SSE	Cu.	-----	Cu. E	-----	Cu. E	A.-Cu.	Cu.
5	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N. E
6	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu. E
7	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
8	-----	Cu. E	-----	Cu. E	A.-Cu.	Cu. E	-----	Cu.-N. E	-----	N.-cf.
9	A.-Cu.	Cu. E	-----	Cu. E	-----	Cu. E	-----	Cu. E	-----	Cu.
10	-----	Cu.	-----	Cu.	-----	Cu. E	-----	Cu.	-----	Cu.
11	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu. E	Ci.	Cu. E
12	-----	Cu.	-----	Cu. E	-----	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E
13	-----	Cu.	-----	Cu.	-----	Cu. E	-----	Cu. E	-----	Cu.-N. E
14	-----	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	-----	Cu.-N.	Ci.-S.	Cu.
15	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E
16	Ci.-S.	S.-Cu.	Ci.-S.	Cu. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N.
17	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	-----	Cu. E	-----	Cu. E
18	Ci.	-----	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	-----	Cu.
19	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
20	Ci.	Cu.	Ci.	-----	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
21	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.
22	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	-----	Cu.-N.
23	Ci.-S.	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Fr.-N. E	Ci.-S.	Cu.-N. E	-----	Cu.-N. E
24	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu.
25	A.-Cu.	Cu.	A.-Cu.	S.-Cu. E	A.-Cu.	Cu.	-----	Cu. E	-----	Cu.
26	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	-----	Cu. E
27	A.-Cu.	S.-Cu. E	A.-Cu.	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
28	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
29	Ci.-S.	Cu.	Ci.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu. ENE	A.-Cu.	Cu. ENE
31	Ci.	Cu.	Ci.	Cu. E	A.-Cu.	Cu.-N. E	Ci.	Cu.-N. E	-----	Cu.-N. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	-----	Cu. NEbyE	Ci.	Cu. NEbyE	-----	Cu.	-----	Cu.-N. ENE	-----	Cu.
2	-----	Cu. E	-----	Cu. E	-----	Cu.	-----	Cu.	Ci.-Cu.	Cu.
3	Ci.	Cu. ENE	-----	Cu. ENE	-----	Cu. ENE	-----	Cu. ENE	-----	Cu.
4	-----	Cu.-N.	-----	Cu. E	-----	N.-cf. E	-----	Cu. E	-----	Cu.
5	-----	N.-cf. E	-----	N.-cf. E	A.-Cu.	Cu. E	-----	Cu.	-----	Cu.
6	-----	Cu.-N. E	-----	Cu. E	-----	Cu.	-----	Cu.	-----	Cu.
7	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.
8	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N.
9	-----	Cu. E	-----	Cu.	-----	Cu. E	-----	Cu.	-----	Cu.
10	-----	Cu. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.
11	-----	Cu. E	-----	Cu. E	-----	Cu.	-----	Cu.	-----	Cu.
12	-----	Cu. E	-----	Cu. E	-----	Cu.	-----	Cu. E	-----	Cu.
13	-----	Cu. E	-----	Cu. E	-----	Cu.-N. E	-----	Cu.-N. E	A.-Cu.	Cu.
14	-----	Fr.-N. E	-----	Cu.-N. E	Ci.-S.	Cu.	A.-Cu.	Cu.	Ci.	Cu.
15	-----	Cu.	-----	Cu.	-----	Cu.-N. E	-----	Cu. E	A.-Cu.	Cu.
16	-----	Cu.-N.	-----	Cu.-N. E	-----	Cu.-N. E	A.-Cu.	Cu. E	-----	Cu.
17	Ci.	Cu.	Ci.	Cu.	-----	Cu. E	Ci.	Cu. E	Ci.	Cu.
18	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
19	Ci.	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.
20	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Fr.-Cu.
21	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
22	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.	A.-Cu.	Cu.
23	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E
24	Ci.	Cu. E	-----	Cu. E	-----	N.-cf. E	-----	N.-cf.	-----	Cu.
25	Ci.	Cu. E	-----	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	-----	Cu.
26	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
27	-----	Cu.	-----	Cu.	-----	Cu.	A.-Cu.	Cu.	-----	Cu.
28	-----	Cu.	-----	Cu.-N. E	-----	Cu. E	-----	Cu.-N. E	A.-Cu.	Cu.
29	-----	Cu.-N. E	-----	Cu.-N. E	A.-Cu.	Cu.	-----	Cu.	-----	Cu.
30	-----	Cu. E	-----	Cu. E	-----	Cu. E	-----	Cu.	-----	Cu.
31	-----	Cu.-N. E	-----	Cu. E	-----	Cu. E	Ci.	Cu.	A.-Cu.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	N 1.5	N 2	Calm	N 1.5	N 1	Calm	NNE 1	N 1.5	Calm	SW 1.5	W 3.5	Calm
2	N 1	N 2	N 2	N 2.5	N 2.5	NNW 1.5	N 2	Calm	N 2.5	WNW 3.5	SW 1.5	WSW 2.5
3	NE .5	Calm	Calm	N 2	N .5	Calm	N .5	N 2.5	NNW 2.5	N 1.5	N 3.5	N 10
4	NE 1	NE .5	Calm	Calm	Calm	Calm	Calm	SE 1.5	Calm	Calm	WNW 1.5	NW 3
5	E 1	Calm	NE .5	N 1	N .5	Calm	Calm	NNE 1	Calm	W 2.5	W 3.5	WNW 3.5
6	E 2	NE 2	NE 2.5	NE 2.5	NE 2	Calm	Calm	Calm	NNE 1	SW 1.5	WSW 4.5	WSW 2
7	Calm	NE 1	NE .5	NE .5	NE 1	Calm	NE 1	NE 2	N 2.5	NE 6	NE 3	WSW 3.5
8	Calm	Calm	Calm	Calm	Calm	Calm	N 1.5	Calm	Calm	NNE 1	NNW 1.5	N 4.5
9	NNW 3	NNW 3	NNW 2	NWbyN 2	NNW 2	NW 2.5	NW 2	NW 1.5	W 1	WNW 1.5	NNW 3	NE 3.5
10	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE .5	NNE .5	NW 3	NW 1.5	Calm
11	Calm	Calm	Calm	NE 1	NE 1	Calm	Calm	N 2.5	Calm	NW 3.5	W 3.5	W 1.5
12	Calm	Calm	Calm	N 1	E 1	E 1	E .5	Calm	Calm	WNW 3.5	NW 5	WNW 6
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 2.5	WNW 2	WNW 3
14	N 1	Calm	Calm	Calm	Calm	NNE 2	NNE 1	N 1.5	NNW 2.5	NW 2	Calm	NNW 3.5
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2.5	WNW 3	WbyS 5.5
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 2	W 1.5	W 2
17	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	W 2.5	WNW 3.5	NW 5	W 2
18	ENE 1	ENE .5	NE 1	NE 1.5	N 1.5	NNE 2.5	NNE 2	NEbyN 1.5	NNE 2	NNW 1	W 1.5	WNW 3.5
19	Calm	Calm	Calm	Calm	Calm	Calm	NE 1	NE 1	Calm	Calm	W 3.5	WNW 5
20	Calm	Calm	Calm	Calm	Calm	NE 1.5	Calm	NE 1.5	E .5	SSW 2	WSW 2	W 2.5
21	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 1.5	WSW 1	WSW 3.5	W 2.5
22	E 1	Calm	Calm	Calm	Calm	ENE .5	ENE .5	ENE 3	Calm	NE 2.5	WNW 2.5	WSW 3.5
23	Calm	Calm	Calm	Calm	Calm	N .5	N 1	N 1.5	NbyE 1.5	Calm	ESE 2.5	WSW 3.5
24	Calm	N 1	N 1	NE 1	N 1	NNE 1.5	Calm	N 2	NNE 2	NE 1.5	WNW 3	NE 1.5
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	NNW 1.5
26	Calm	Calm	Calm	Calm	E .5	Calm	E 1	NE 1.5	N 1.5	NW 1.5	WNW 2	W 3.5
27	ESE 1	ESE 1.5	E 1	E 1	E .5	Calm	E 1	E 1	W 1	W 2.5	WNW 3	W 2.5
28	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 1	NE 1	W 3.5	NW 2	WNW 2.5
29	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	Calm	N 2	WSW 3	WNW 4.5	W 3.5
30	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1.5	WNW 3	WbyN 2	W 3.5
31	E 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E 1	NW 1	WNW 4	NW 2.5
Mean	0.5	0.4	0.3	0.6	0.5	0.4	0.5	1	1	2.1	2.7	3.1

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 4.5	SW 2	S 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	0.9
2	WSW 1	S 1.5	NNE 5	NNE 4	N 4.5	N 3	Calm	Calm	Calm	Calm	Calm	Calm	1.8
3	NNE 6	NNE 4	NNE 7	NNE 4	NNE 2.5	NE 4	Calm	Calm	Calm	Calm	NE 1	NE 1	2.2
4	Calm	NNE 4	ENE 3.5	ENE 4.5	EbyN 2.5	ESE 2	E 1.5	SE 1	Calm	Calm	E .5	NE 1.5	1.2
5	Calm	SE 2.5	SE 4	SE 7	ESE 2	SE 3.5	E 1.5	E 3	E 3	E 3	E 3	E 2.5	2
6	E 2	SE 2	SE 2.5	SE 3	SE 2.5	SE 1.5	SE 1.5	SE 4	SSE 2.5	S 1.5	S .5	Calm	1.8
7	SW 1.5	SSW 2	S 1.5	SE 2	SE 3	SE 1	SE 1	SE 2	Calm	Calm	N 1.5	Calm	1.5
8	Calm	Calm	Calm	NE 1.5	NE 1	Calm	Calm	Calm	N 1	N 2.5	N 1	N 2	.7
9	E 3	E 5	ENE 5.5	E 6.5	E 4	EbyN 3	ENE 1	E .5	E 1	Calm	E 1	NE .5	2.4
10	W 4	W 2.5	Calm	NW 2	ENE 3.5	Calm	Calm	E 2	SE 2.5	E 1	E .5	Calm	1
11	WSW 2	WSW 2	W 3	WSW 1	SE 4	NE 3	NE 3.5	Calm	Calm	Calm	Calm	Calm	1.3
12	NW 4	W 3	W 3.5	WNW 3	NE 3.5	E 1	Calm	Calm	Calm	Calm	Calm	Calm	1.5
13	WNW 4	W 4	Calm	WSW 2.5	Calm	Calm	Calm	Calm	SE 2	ESE 2	SE 2	N 2	1.1
14	NE 3	E 2	SE 3.5	SEbyS 1	SE 1	SE 1.5	Calm	SEbyE 2	E 2	Calm	Calm	Calm	1.2
15	W 4	W 4	WSW 4	WSW 1	E 1	NE 1.5	Calm	Calm	E 1.5	E 1	SE .5	Calm	1.2
16	NW 3.5	ENE 3	NNW 3	WSW 1	Calm	ESE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	.7
17	W 4	WNW 3.5	WbyN 2.5	WbyN 3	NE 1.5	NEbyE 2.5	ENE 2	ENE 1.5	ENE 1.5	ENE 2	ENE 2	ENE 1.5	1.7
18	W 3.5	W 3	W 3	W 2	SE 2.5	SE 2	ESE 2	SEbyE 1.5	ESE 1.5	ESE 1.5	Calm	Calm	1.8
19	WNW 3.5	WNW 1	WSW 2	SW 1	SE 2.5	ESE 1	ESE 1	ESE 2	ESE 2	ESE 1	SE .5	N 1	1.2
20	WSW 1.5	SSW 1.5	SE 3	SE 2	SE 3	ESE 1.5	ESE 1	ESE 4	ESE 4	ESE 2	ESE 2	SE .5	1.5
21	W 2	W 1	SE 3.5	SE 3	N 2	ENE 1.5	EbyS 1	SEbyE 2	ESE 2	ESE 1	EbyS 1	EbyS 1	1.3
22	WNW 1.5	WSW 2	Calm	E 1	ESE 3	E 1.5	EbyS 1	E 2	EbyS 1	E .5	Calm	Calm	1.1
23	NNW 3	Calm	SWbyW 2	N 1	N 3.5	NE 1.5	NE 1	NE 1	NE 1	Calm	Calm	N 1	1.1
24	WSW 2	WSW 3.5	W 1.5	ESE 2.5	ESE 2	ESE 2	SE 1.5	SE 2	SE 2	SE 1.5	SE .5	ESE 1	1.6
25	E 4	E 2.5	ESE 3.5	ENE 4	ESE 2	SE 3	ESE 2.5	ESE 2.5	ESE 2	ESE 2	ESE .5	E 1	1.3
26	W 5.5	W 2	S 4	ESE 4	ESE 3	Calm	ESE 2	ESE 2	ESE 2	SE 1.5	SE .5	ESE .5	1.6
27	W 1	WSW 5	SSE 3.5	SE 4.5	ESE 2	ESE 1.5	ESE 1.5	SEbyE 2.5	SEbyE 2	SE 2	SE 1	SE 1	1.8
28	WNW 3	W 3.5	ESE 3	SE 3	EbyN 3.5	EbyS 2.5	ESE 1	ESE 2.5	SE 2	SE 2	ESE 2	Calm	1.6
29	WNW 3.5	WSW 4	W 1	SW 1.5	SE 2.5	SE 3	SE 2	SE 3	ESE 2	Calm	SE 2	SE 1	1.6
30	W 1	SSE 4.5	SE 5	SE 5	SE 3.5	SE 2.5	SEbyE 1	SEbyE 3	SE 2	SEbyE 2	SEbyE 2	SEbyE 2	1.8
31	Calm	SE 1	ESE 3.5	ESE 4	ESE 2	ESE 1	ESE 1	SE 2.5	SE 3.5	SE 2.5	SE 3	ESE 2.5	1.5
Mean	2.6	2.6	2.9	2.8	2.4	1.7	1	1.6	1.5	1	0.9	0.8	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5.5	6.5	4	4.5	5	3.5	2	4.5	4	4	10.5	6.5
2	4	7	6.5	7.5	7.5	7.5	5.5	5	8.5	6	12	11
3	3.5	4	1.5	4.5	5	1.5	2	5	5.5	7	20	27
4	4.5	4	2.5	2	1.5	2	2	5.5	5	2.5	6.5	13
5	5.5	3	1	5	3.5	3	3	2.5	3	2.5	11.5	12.5
6	7	7.5	7	7.5	5	6	6	5.5	5.5	2	11.5	9.5
7	1	5	3	3.5	5	2.5	2	7	8	9	8.5	**17**
8	.5	0	.5	1.5	3	4.5	6.5	2	6	3	4	**13**
9	9	9	7	8	6.5	4.5	3.5	4	1.5	5	10	8
10	2.5	1	3.5	1.5	4.5	2	5	5	4.5	4.5	**14.5**	8.5
11	2	2.5	2.5	4	3.5	3.5	3.5	8.5	5.5	6.5	11.5	10.5
12	3	1	1.5	4.5	4	3	3	3	3	8	18	17
13	2	1	3	2	4	3	2	3	1	6	14	13.5
14	3.5	.5	.5	1.5	3	3.5	5	7.5	9	10	8	6.5
15	.5	2	0	1.5	3	.5	1	1	3	3	12	**16**
16	1.5	0	.5	0	3	1	.5	2	1.5	1.5	4	8
17	0	0	0	0	0	0	0	1	5	6	**18**	14.5
18	2.5	2	2.5	5	6.5	4	2	2.5	9	6	7	**15**
19	4	2	.5	.5	2	1	3.5	2.5	2	6	13	15
20	1	1	3	1	2	4	2	3	1.5	4.5	10	13
21	4.5	2.5	2	3	2	3	1	.5	2.5	5	13.5	15
22	4	3.5	1.5	0	0	1	1	5	6	2	8	9
23	1	0	1.5	4.5	2	3	2.5	3.5	**10**	6	5.5	9
24	4	2.5	4.5	4.5	3.5	4	2	3	4	5	11.5	15
25	3	1	2	1	1	3	1.5	2.5	1.5	3	6	3.5
26	2.5	1	2	1	0	3	3	4.5	5.5	5.5	13.5	17
27	3	4.5	5	2	3.5	4.5	5	5.5	2	7.5	13.5	13
28	3	3	2.5	1.5	4	4.5	2	3.5	2	4	**16**	11
29	3	1	1	1	1	0	1	0	4.5	5.5	14	13
30	.5	3.5	2	3.5	3.5	5	4	2	3	5	18	16
31	4	.5	0	2.5	3.5	.5	1.5	4	2.5	6	**15**	14
Mean	3.1	2.6	**2.4**	2.9	3.3	3	2.7	3.7	4.4	5.1	11.6	**12.6**

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	4	2	2	3	6	6	8	8	4	8	6	5	5.2	6	55
2	1	2	2	3	6	4	7	7	5	5	3	3	4	6	50
3	6	6	8	7	8	10	10	10	10	10	10	10	8.8	3	15
4	7	4	4	9	8	9	10	8	9	6	5	4	6.9	7	15
5	7	7	4	3	7	9	9	10	8	4	3	1	6	5	00
6	2	2	1	1	1	4	4	5	2	2	2	3	2.4	8	15
7	1	2	1	6	5	6	3	3	3	8	4	3	3.8	8	25
8	10	4	8	9	10	9	10	10	10	10	10	10	9.2	1	50
9	6	7	8	8	5	4	5	4	5	3	2	2	4.9	6	35
10	2	1	1	2	2	3	4	6	8	8	3	3	3.6	7	00
11	1	1	1	1	4	5	6	6	4	4	8	6	3.9	8	05
12	10	4	5	6	8	8	8	5	5	8	2	1	5.8	6	05
13	2	2	2	7	8	8	8	9	10	10	7	8	6.8	4	25
14	2	3	6	8	10	9	10	10	8	8	8	5	7.2	2	05
15	4	4	2	3	4	4	4	7	8	8	5	4	4.8	7	20
16	10	10	7	10	10	8	10	10	10	7	6	5	8.6	2	05
17	5	4	4	5	5	8	5	5	4	7	6	4	5.2	7	15
18	2	1	1	1	1	2	3	2	2	2	1	2	**1.7**	**8**	**35**
19	7	7	3	6	4	5	2	2	1	2	3	2	3.7	8	25
20	1	2	1	3	3	3	1	1	1	2	2	2	1.8	8	15
21	2	2	3	2	2	2	1	2	2	4	4	4	2.5	7	25
22	10	10	9	8	7	10	9	10	9	8	8	9	8.9	3	20
23	9	9	9	10	9	10	10	10	10	10	9	10	**9.6**	**0**	**00**
24	3	4	4	7	8	7	3	5	8	8	4	5	5.5	5	35
25	8	8	9	9	10	9	6	8	8	9	5	4	7.8	2	55
26	6	5	7	8	5	6	3	3	3	2	2	2	4.3	7	45
27	10	9	8	7	8	6	1	2	2	3	2	1	4.9	6	50
28	3	2	2	8	8	6	4	8	8	9	5	3	5.5	7	20
29	10	8	5	5	6	4	5	9	6	4	4	5	5.9	7	10
30	7	4	4	7	8	9	6	8	7	5	3	3	5.9	8	10
31	9	3	6	9	10	9	9	8	7	5	5	3	6.9	5	50
Total														186	15
Mean	5.4	4.5	4.4	5.8	6.3	**6.5**	5.9	**6.5**	6	6.1	4.7	**4.3**	5.5	6	00

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
14	6.5	6.5	8.5	5.5	6.5	1.5	0.5	2.5	2.5	3.5	3	5.1
9	5	14	**20**	18	12	2	1	.5	1	2	1	7.2
24	**28**	20	25.5	14	8.5	5.5	.5	.5	.5	3.5	3	**9.2**
8	9	**19.5**	**19.5**	16	9.5	5	6	3	3	1.5	4.5	6.5
5	14.5	**17**	**17**	16.5	12.5	8	9.5	8.5	8	9	7	7.9
8	9	15	15	**16**	11	12	10.5	7	4.5	3.5	2.5	8.1
16.5	14	10	8	13.5	11.5	9.5	5.5	1	0	4.5	2	7
6	4	2	5	3	6	6	2	4	8	5	6	4.2
9	**27**	23	24	19	14	11	5	3	2	3	6	**9.2**
9.5	12.5	8	6	13	4	5.5	5.5	7	4	3	2	5.7
11	11.5	10.5	7	**17**	9	12	4	1	3	5	2	6.5
19	13	13	9	7.5	5	4	2.5	1	2.5	1.5	3	6.2
12.5	**15**	9.5	5.5	4.5	.5	3.5	2.5	5	6	5	6	5.4
8.5	8.5	**12.5**	3.5	2.5	3.5	4.5	5.5	6	1.5	1.5	2	4.9
16	15	12	3	4.5	6.5	1.5	0	2.5	6	3	2	4.8
7	**12**	**12**	5	4	7.5	5	4	1.5	0	1	0	**3.4**
13.5	12	15	8.5	5.5	9	7	5	4	10	9	8	6.3
15	13	8	7	13	13	10	6	7.5	7	3.5	2	7
18	14	11	5.5	14	11	10.5	8	5.5	4.5	3	4	6.7
12	9.5	18.5	19	**20**	16	12	13.5	13.5	11	7	3	8.4
12.5	12.5	13	**16**	7.5	6	8	9	9	5	5	5	6.8
13	9.5	7.5	6	**16.5**	13	9	6.5	4	3	3	2	5.6
8	3.5	6	3	6	3.5	.5	2	4.5	3.5	2	3.5	3.9
14.5	14	6.5	4	**16**	9	7	7	7.5	9.5	5	3	6.9
8	10	11.5	**16.5**	9.5	12	9.5	8	9.5	9	4.5	2.5	5.8
14	15	13	**18.5**	17.5	11.5	12	9	7.5	7.5	4.5	2	7.9
12	13	15	**16**	14	11	12	9.5	8	6.5	4	4	8.1
14	10	12	15	**16**	12	7	8	9	9	6	2	7.4
12	13	5	5.5	11.5	14	**15**	10.5	7	2.5	7	5	6.4
11	20	**26**	17	21	13	9	9	7.5	6.5	6.5	6.5	9.1
11.5	7.5	13	**15**	13	10	5	8	10.5	9.5	11	10	7.4
12	12.3	12.4	11.4	12.1	9.4	7.4	5.9	5.4	5	4.4	3.7	6.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	5	1							1		2		1	1			13	121.5	4.2	
2	9	2							1		1	2		1		1	7	173.5	4.5	
3	7	5	4													1	7	220	5	
4		1	3	2	3	1	2							1	1		10	155.5	4.5	
5	2	1	1		7	1	4						2	1			5	188.5	3.4	
6		1	4		2		7	1	2		1	2					4	194	4.3	
7	2		8				5		1	1	1	1					5	167.5	3.7	
8	6	1	2													1	14	101.5	2.2	1.7
9			2	2	8								1	1	3	6	1	222	4.6	
10		1		2	8		1						2		3		12	137	3	
11	1		4				1					3	3		1		11	157	4.4	
12	1		1		4								2	3	2		11	150	3.5	
13	1					2	1					1	1	4			14	130	3.3	
14	2	2	1		2		4	1							1	2	9	118.5	2.5	
15			1		3		1					2	4	1			12	115.5	4.2	
16			1	1		1						1	2		1	1	16	82.5	2.9	
17			1	7									3	5	1		7	151	4.6	
18	1	3	3	2		3	8						5	1		1	2	169	4.8	
19	1		2			5	2				1	1	1	3			8	161	3.9	
20			2		1	6	4			2		2	1				6	201	4.8	
21	1			1		5	4					2	3		1		7	163	4.5	
22			1	3	5	3						2		2			8	134	3.5	
23	6	1	4			1						2				1	9	94.5	2	1.5
24	4	2	3			4	5					2	1	1			2	166.5	4.1	
25				1	3	7	1							1		1	10	139.5	3.4	.3
26	1		1		2	6	2		1				3	1	1		6	190.5	5.5	
27					5	5	6	1				1	4	1			1	194	5.3	
28			2		1	5	3						2	2	1		8	177	4.8	
29	1					1	7				1	2	2	2			8	153	4.2	
30		1					10	1					2	2			8	219	5.4	
31					2	6	5							1	2		8	178	5.1	
Total	51	22	51	21	51	62	78	4	6	3	7	26	45	35	18	15	249	4,925.5	126.1	8.5
Mean	1.6	0.7	1.6	0.7	1.6	2	2.5	0.1	0.2	0.1	0.2	0.8	1.5	1.1	0.6	0.5	8	158.9	4.1	0.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	765.85	9.05a.	31.7	1.25p.	90	17.8	762.40	2.45p.	20	6.15a.	55	15.4
2	65.55	8.45a.	31.4	2.30p.	85	19.1	62.25	2.45a.	20	6.30a.	55	14.8
3	66.15	9.45p.	29.9	11.15a.	88	17.5	63.90	3.20p.	21.3	6.45a.	55	15.1
4	65.70	11.00p.	30.4	2.20p.	92	17.8	62.85	2.30p.	20	6.10a.	58	15.5
5	66	8.35a.	29.5	2.45p.	90	20	62.45	2.25p.	20.9	6.40a.	64	16.7
6	65.60	9.30a.	31.9	0.55p.	92	**20.5**	62.20	2.50p.	19.3	6.05a.	56	15.4
7	65.65	9.25a.	30.9	3.25p.	96	19.4	62.50	3.10p.	20	6.35a.	59	15.9
8	67.75	11.00p.	**28.3**	10.20a.	**98**	19.5	64.75	3.05p.	20.4	2.05a.	62	13.9
9	**68.55**	9.05a.	29.2	1.55p.	**84**	**16.2**	**65.40**	3.20p.	18.7	6.35a.	**50**	13.2
10	67.70	8.55a.	28.6	2.10p.	92	16.4	64.70	3.40p.	15.7	6.05a.	59	12.4
11	63.20	9.20a.	28.9	3.55p.	94	16.3	62.84	4.00p.	**14.5**	6.25a.	55	**12.3**
12	64.20	8.35a.	29.8	2.50p.	94	18.7	61.84	3.00p.	17.4	5.30a.	62	13.7
13	63.40	8.50a.	29.9	2.30p.	94	19.7	61.35	2.45p.	18.6	4.05a.	58	15.2
14	63.80	10.05a.	29.6	1.45p.	91	20	61.70	3.15p.	19	3.55a.	65	15.4
15	64.30	8.15a.	30.7	2.55p.	96	18.9	61.45	3.55p.	18.6	6.55a.	59	15.3
16	64.45	9.05a.	30.5	1.55p.	92	19.5	62.05	2.25p.	20.5	1.20a.	56	15
17	65.05	8.35a.	29.9	3.20p.	94	17.8	61.60	2.40p.	19.4	5.55a.	57	13.4
18	65.05	8.40a.	30.6	3.55p.	92	18.5	61.19	3.00p.	17.8	6.20a.	52	13.4
19	63.50	8.10a.	29.8	4.05p.	94	20.2	59.75	3.30p.	16	6.15a.	59.5	13.2
20	63.01	9.00a.	30.9	2.05p.	94	18.8	59.62	4.00p.	17.1	6.40a.	54	13.6
21	62.60	8.30a.	31.8	2.40p.	93	19	**59.60**	3.10p.	17.2	6.15a.	54	13.8
22	63.60	9.15a.	29.7	1.40p.	90	19.2	60.57	3.00p.	20.7	3.45a.	65	16.9
23	63.85	11.00p.	28.8	11.10a.	91	19.6	61	2.50p.	21.2	6.15a.	**66**	16.8
24	64	9.20a.	30.2	1.40p.	93	18.2	60.55	3.30p.	19.5	7.00a.	61	15.1
25	63.20	8.50a.	30.2	3.20p.	90	18.4	60.25	3.25p.	19.3	3.25a.	51	14.8
26	63.60	Midnight.	31	3.25p.	93	17.5	60.70	3.20p.	17.2	5.20a.	55	14
27	63.75	8.55a.	31.8	2.45p.	85	17.6	60.65	3.25p.	19.4	1.25a.	53	14.2
28	63.30	8.35a.	31.1	3.05p.	91	17.6	60	3.15p.	17.4	6.30a.	51.5	14
29	62.95	9.00a.	31	3.35p.	89	19.3	59.85	3.15p.	20.2	3.10a.	58	14.9
30	**62.50**	8.45a.	32.3	2.45p.	88	18.4	59.70	3.25p.	18.8	4.55a.	53	14.5
31	62.95	9.05a.	**32.7**	3.50p.	90	19.6	**59.60**	3.15p.	**21.4**	6.20a.	51	**17.3**
Mean	764.64	--------	30.4	--------	91.5	18.6	761.59	--------	19	--------	57.1	14.7

DAILY GENERAL REMARKS.

1----Convergence of Ci. toward W in the morning.
2----Cloudy weather.
3----Gusty Nly winds in the afternoon.
4----Cloudy weather.
5----As yesterday.
6----Fair weather.
7----Cloudy weather.
8----d° in the morning; ● in the afternoon.
9----Cloudy weather.
10----As yesterday.
11----Do.
12----Do.
13----Do.
14----Overcast.
15----Cloudy weather.
16----Overcast.
17----Cloudy weather.
18----≡° in the morning.
19----Cloudy weather.
20----Fair weather.
21----As yerterday.
22----d° 3.48 p. m.
23----●° 5.25 p. m.
24----Coloration of upper clouds at sunset.
25----d° 11.22 a. m.
26----Cloudy weather.
27----As yesterday.
28----Do.
29----Do.
30----Do.
31----Do.

OBSERVATIONS FOR FEBRUARY, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61.35	61.10	60.85	61	61.20	61.49	61.82	62.27	**62.52**	62.37	61.85	61.19
2	61.15	60.80	60.70	60.75	61.05	61.14	61.39	61.83	**62.31**	62.09	61.83	61.39
3	61.65	61.40	61.25	61.55	61.70	62.04	62.26	62.54	**63.11**	63.01	62.65	62.07
4	61.80	61.55	61.20	61.15	61.35	61.70	62.09	62.43	62.63	**62.69**	62.09	61.73
5	61.50	61.25	61.10	61	61.20	61.61	62·05	62.39	**62.77**	62.74	62.40	61.84
6	61.70	61.50	61.40	61.35	61.50	62.04	62.61	63.09	**63.34**	**63.34**	62.92	62.17
7	62	61.75	61.40	61.20	61.40	61.79	62.19	62.45	**62.63**	62.52	62.07	61.75
8	61.45	61.25	61.15	61.30	61.55	61.94	62.49	63.13	**63.58**	63.30	62.85	62.19
9	62.20	61.90	61.75	61.75	62	62.53	63.01	63.63	**63.77**	63.59	63.25	62.84
10	62.85	62.70	62.35	62.25	62.40	62.59	62.90	63.24	**63.57**	63.39	62.92	62.54
11	62.80	62.60	62.45	62.50	62.65	63.08	63.40	63.96	**64.16**	63.90	63.52	63.17
12	63.60	63.25	62.90	62.85	63	63.39	63.70	64	64.36	64.46	64.24	63.78
13	64.10	63.85	63.50	63.35	63.55	63.79	64.19	64.59	64.81	**64.90**	64.58	64.19
14	64.05	63.80	63.60	63.75	63.80	64.06	64.46	64.86	**65.24**	65.10	64.81	64.31
15	63.70	63.50	63.20	63.20	63.15	63.35	63.86	64.29	**64.40**	64.30	64.08	63.50
16	63	62.90	62.65	62.80	63.05	63.56	63.70	64.10	64.48	**64.51**	64.20	63.59
17	63.40	63.10	62.95	62.80	62.80	63.14	63.65	64.12	64.51	**64.69**	64.45	63.34
18	62.50	62.20	61.85	62.05	62.40	62.81	63.50	63.79	64.08	**64.29**	64.05	63.54
19	63.05	62.80	62.45	62.50	62.70	63.06	63.50	63.75	**64**	63.86	63.40	62.82
20	62.45	62.15	61.85	61.90	62.10	62.56	62.90	63.41	63.46	**63.54**	63.12	62.55
21	61.65	61.50	61.40	61.30	61.55	61.93	62.19	62.71	**62.76**	62.68	62.04	61.68
22	61.95	61.60	61.35	61.45	61.45	61.56	61.86	62.34	**62.39**	62.22	61.64	60.98
23	61.50	61.25	61.20	61.20	61.30	61.95	62.78	63.48	**63.60**	63.43	62.85	62.29
24	61.75	61.50	61.20	61.05	61.10	61.59	62.19	62.69	63	**63.19**	62.77	62.27
25	61.85	61.60	61.30	61.10	61.65	62.04	62.94	62.86	**62.87**	62.69	62.50	61.82
26	61.85	61.75	61.65	61.75	61.70	62.11	62.60	63.31	63.59	**63.74**	63.30	63.14
27	62.95	62.55	62.25	62.20	62.50	63.19	63.40	64.08	64.29	**64.31**	63.97	63.40
28	63.20	63.10	63.05	63.10	63.25	63.51	63.99	64.36	**64.60**	64.55	64.05	63.43
Mean	62.39	62.15	61.93	61.93	62.11	62.48	62.92	63.35	**63.60**	63.55	63.16	62.63

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.9	22.9	22.4	22	22.1	22	**21.8**	24.1	26.3	27.2	27.6	26.3
2	22.2	21.4	20.7	20.1	20	**19.6**	19.8	22.7	25.1	25.8	26	26.4
3	21.5	20.8	20.3	**19.8**	**19.8**	20.3	21	23.4	24.3	27	26.2	27.1
4	23.6	23.3	23.2	22.1	**22**	**22**	22.2	24.2	26	25.4	27.2	26
5	22	22.7	**21.1**	**21.1**	21.3	21.4	21.9	25.3	27.2	29	30	30.1
6	21.1	19.9	19.1	18.7	18.4	**18.3**	18.4	23	26.1	28.1	27.4	28.3
7	22.7	21.7	21	20.5	**19.7**	**19.7**	19.8	23	26.4	**28.9**	26	26
8	21.8	20.3	19.5	19.1	**18.8**	19	19.4	21.5	22.9	26.6	27.6	29.3
9	22.6	22.5	21.8	21.1	20.6	**20.5**	21.2	24.2	26.8	26.8	27.5	27.8
10	**22**	22.6	22.9	23	23.1	23.3	23.2	24.3	26.2	26.9	26.7	27.3
11	22	21.9	20.9	**20.5**	**20.5**	20.8	21.4	23.1	23.8	26.7	**29.4**	26.6
12	22.3	21.7	21.5	21.3	**21.2**	21.3	21.7	23	24.9	25.4	26	25.7
13	21.8	21.1	21.7	21.8	20.6	**20**	20.5	23.7	24.9	**26.5**	25.8	25.3
14	21.7	21.3	21.1	20.5	20.5	**20.2**	20.5	22.2	22.8	24.8	25.2	23.4
15	19.8	19	18.9	19.1	19	**18.7**	19	23.3	25.5	25	25	26.4
16	20	19.3	18.7	18	17.5	**17.4**	18	23.8	26.3	28.6	26.3	26.7
17	19.4	18.7	18.2	18.1	**17.7**	**17.7**	17.8	22	26	25	25.2	28.7
18	21.3	21	19.3	18.4	17.9	**17.6**	17.9	22.1	25.7	26.2	26.7	27.3
19	19.7	18.9	18.4	17.4	17.1	**17**	17.1	22.6	26.1	26.8	27.4	27.4
20	20.4	20.2	19.5	19.5	19.5	**18**	18.3	24.1	26.9	28.6	28.8	30.6
21	21.8	20.3	19.6	18.9	18.5	**18.1**	18.8	22.2	26.6	27.7	29.4	29.5
22	19.9	19.8	19.3	18.4	18.1	**17.6**	18	23.2	27	28.2	29.3	30
23	21.1	20.4	19.6	19.3	18.6	**18.5**	19.1	24	25.9	26.4	27.3	28
24	22.4	21.8	20.7	19.8	19.3	**18.6**	19.7	23.6	25.5	26	26.9	27.5
25	21.9	21.5	21	20.4	20.4	**20.3**	21	25	26.4	27.6	27.8	28.3
26	21.5	21.5	21.7	21.2	20.7	**20.2**	20.6	23.8	**27.1**	26.6	25.3	24.2
27	22.5	21.9	21.4	**20.7**	20.8	21.5	22	24.6	26.1	25.6	26.2	26.8
28	22.5	20.6	19.6	19.2	18.8	**18.1**	19	24	26.8	26.8	26.5	27.9
Mean	21.6	21	20.5	20	19.7	**19.6**	20	23.4	25.8	26.8	27	27.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.70	59.93	**59.48**	59.57	59.82	60.07	60.25	60.65	61.15	61.25	61.35	61.30	**61.02**
60.70	60.16	**59.75**	59.93	60.20	60.35	60.75	61.35	61.70	61.95	61.80	61.75	61.12
61.35	60.65	**60.30**	**60.30**	60.45	60.78	61.10	61.50	62	62.20	62.15	61.90	61.66
61.15	60.60	**60.10**	60.13	60.26	60.75	61.09	61.45	61.95	62.05	61.85	61.70	61.48
61.31	60.59	60.18	**60.14**	60.32	60.72	61.04	61.55	61.85	62.05	62.15	61.95	61.49
61.44	60.64	60.44	**60.28**	60.29	60.58	61	61.45	61.90	62.35	62.35	62.20	61.74
61.18	60.54	**60.09**	60.60	60.60	60.77	61	61.30	61.35	61.60	61.65	61.55	61.47
61.42	60.84	**60.64**	60.76	60.85	61.27	61.50	61.75	62.10	62.30	62.35	62.35	61.85
62.11	61.26	60.72	**60.56**	60.92	61.32	61.79	62.45	62.95	63.15	63.20	63.10	62.32
61.88	61.35	60.98	**60.87**	61.15	61.49	61.89	62.50	62.90	62.95	63.05	63.05	62.41
62.68	61.97	61.52	**61.26**	61.48	61.77	62.05	62.45	63.25	63.65	63.80	63.80	62.83
63.45	62.64	62.20	**61.93**	62.28	62.48	62.98	63.50	64.15	64.45	**64.50**	64.35	63.43
63.55	62.99	62.58	**62.45**	62.79	63.12	63.56	64.05	64.20	64.40	64.30	64.20	63.81
63.54	62.84	62.58	**62.37**	62.60	63.28	63.49	63.80	64	64.10	64.15	64	**63.86**
62.83	62.02	**61.79**	61.94	62.25	62.60	62.80	63.10	63.45	63.55	63.45	63.20	63.23
62.59	61.68	**61.02**	61.09	61.72	62.38	63.05	63.45	63.65	63.70	63.65	63.55	63.09
62.58	62	61.58	**61.38**	61.52	62.03	62.40	62.80	62.95	63.10	63.05	62.80	62.96
62.84	61.82	61.27	**61.21**	61.46	62.02	62.42	62.95	63.20	63.20	63.25	63.15	62.74
62.19	61.38	60.92	**60.83**	61.18	61.61	62.08	62.40	62.75	63	63	62.80	62.58
61.92	61.08	60.76	**60.58**	60.88	61.16	61.57	61.85	62.10	62.05	62.05	61.90	62.08
61.12	60.54	**60.47**	60.52	60.84	61.21	61.59	62.05	62.35	62.45	62.35	62.25	61.71
60.18	59.97	59.64	**59.58**	59.88	60.12	60.50	60.75	61.30	61.75	61.70	61.75	61.16
61.45	60.79	60.43	**60.15**	60.35	60.68	60.90	61.20	61.65	62	62.05	61.90	61.68
61.28	60.62	60.22	**60.21**	60.48	60.79	61.03	61.40	61.95	62.10	62.35	62.20	61.62
61.11	60.34	59.74	**59.59**	59.87	60.32	60.74	61.20	61.25	61.85	62.10	62.10	61.48
62.84	61.95	61.35	**61.29**	61.84	62.24	62.44	63.05	63.35	63.50	63.55	63.30	62.55
62.60	61.73	61.33	**61.28**	61.38	61.75	62.08	62.80	63.25	63.40	63.65	63.50	62.83
62.78	62.04	**61.43**	61.47	61.79	62.12	62.30	62.95	63.30	63.85	63.90	63.75	63.16
61.96	61.25	60.84	**60.80**	61.05	61.42	61.76	62.20	62.57	62.78	62.81	62.69	62.26

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.3	29.2	**29.9**	29	28.1	26	25.2	24.6	24.2	24.3	24	24.1	25.2
27	27	**27.6**	26.8	27	25.5	24.3	23.4	23.5	23.3	22.7	21.6	23.7
27.9	27.3	26.5	26.7	26.6	25.2	24.3	23.9	23.8	23.9	23.6	23.5	23.9
27.5	25.5	27.4	27	26.9	25.8	24.9	24.2	23.8	23.6	22.9	22.9	24.6
30.1	**31.3**	**31.3**	29.8	28.1	26.2	24.8	24	23.2	22.8	22.6	**21.1**	**25.4**
29.6	**31.2**	30.5	29.6	27.6	25.8	24.9	24.2	24.1	24.1	24.2	23.9	24.4
27.3	26.5	26.1	23.9	24.2	23.7	23.2	23.1	22.1	22.1	22	22.4	23.4
28.5	**29.6**	29.5	29.4	27.5	26.1	25.1	24.5	24.2	24.2	23.7	22.6	24.2
29.6	29.7	**30.7**	30.2	28.5	26.6	25.1	24.3	24.3	23.8	23.3	22.7	25.1
27.6	26.9	27.3	26.9	26.6	25	24.2	23.8	22.5	22.5	22.6	22.2	24.6
28.4	28.8	27.7	28.2	27.5	26	25.2	24.9	24.6	24.6	23.9	23.6	24.6
26.6	26.3	26.6	26.8	**27.1**	25.2	23.5	23	22.7	21.8	21.3	21.7	23.7
25.8	25.6	25.5	24.7	25	24	23.1	22.9	22.1	22	21.9	21.8	23.3
25.7	26	25	27	**27.2**	24.5	23.4	22.2	21.7	21.3	20.9	21.4	**22.9**
25.5	**29.9**	27.9	28.1	27.3	25.3	24.3	23.2	22.7	22.1	21.9	21.9	23.3
29.1	29.6	**30.4**	29.7	28.4	25.6	24.3	23.3	22.7	21.8	21.4	21.3	23.7
29.3	29.3	29.5	**29.6**	28.7	26.1	24.4	23.2	22.5	21.6	22.2	21.6	23.4
28.7	29.7	**30.5**	30.1	28.4	26.3	25	24.1	23.4	22.6	22.6	20.8	23.9
28.8	29.7	**30.9**	30.1	28.2	26.5	25.6	24.4	23.7	22.9	22.6	21.1	23.8
31.3	**31.3**	30.3	29.8	28.5	26.6	25.1	24.3	23.8	23.2	22.9	22.4	24.7
29.5	**30.7**	29.5	28.7	27	25.8	24.6	23.8	23.1	22.6	21.6	20.3	24.1
30.3	**31**	**31**	30.6	29.5	26.8	25.5	24.3	23.8	23.2	23.1	21.3	24.6
29.2	29.5	**29.8**	29.4	28.2	26.4	26.2	25.8	25.5	24.7	23.4	22.2	24.5
29	29.7	**30.6**	30.5	27.8	26.2	25.8	24.7	24.1	24.2	23.9	22.6	24.6
29	30.1	**30.3**	29.8	27.7	25.7	25.4	25	24.3	23.2	22.5	22.2	24.9
23.9	25	26	26.1	25.6	24.9	24.4	24.1	24	23.3	23.2	22.9	23.7
27.9	30.2	**30.5**	30	28.6	26.1	24.9	24.2	24	23.4	23.1	22.4	24.8
27.9	30.3	**31.8**	31.4	30	28.2	26.8	25.6	24.5	24.1	23	23.2	24.9
28.2	28.8	**29**	28.6	27.6	25.8	24.8	24	23.5	23.1	22.8	22.2	24.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	80	85	87	88	87	90	**92**	80	70	68	70	73
2	80	81	82	83	82	**90**	89.5	83	73	75	75	71
3	83	86	86	88	86	88	**92**	84	79	**68**	72	70
4	85	84.5	86	90	91	**92**	**92**	83	75.5	79	75	78.5
5	89	83	91	91	**93**	**93**	**93**	75	68	62	57	55
6	81	85	88	88	90	**91**	90	73	61	59	55	54.5
7	82.5	86	86	87	**89**	87	**89**	79	66	**59**	72	69
8	82	85	88.5	89	**93**	91	91	84	79	64	62	52
9	87	89	91	92	**93.5**	92	91	80	68	67	63	58
10	**89**	82	77	78	79	80	80	73	62.5	62	64	**58**
11	86	86	**91**	90	90	89	87	82	82	68	**57**	71
12	81	82	84	86	**88**	87	87	80	73	70.5	69	69
13	85	87	83	86	89	88	**90**	75	69	**62**	63	66
14	87	87	89	90	89	**91**	**91**	82	83	79	74	85
15	89.5	92	92	92	93	91	**95**	77	71	71	67	62
16	83	87	88	88	88	**89**	88	66	56	51	63	55.5
17	88	88	87	87	**91**	87	89	79	62	68	66	53
18	80	81	**82**	81	80	81	79	76	68	65.5	64	62
19	77	76	80	83	82	83	**88**	69	62	63	60	60
20	**94**	85	87	85	85	87	87	67.5	61	60	54.5	52
21	84	83	84	88	92	**95**	88	76	64	56.5	50	51
22	90.5	89	91	**93**	91	**93**	91	70	51	45	49	43
23	77	80	84	85	88	**91**	89	77.5	69	70	65	65
24	77	80	84	89	89	**93**	89	77	77	67	67	67
25	87.5	89	88	91	91	91	**93**	71	68	66	63	60
26	**90**	**90**	86	88	89	**90**	87	77	**65**	66	70	82
27	90	**93**	91	91	91	**93**	**93**	79	76	74	67	66
28	77	86	86	88	89	91	**92**	71	62	62	60	54
Mean	84.4	85.3	86.4	87.7	88.5	**89.4**	**89.4**	76.6	68.6	65.3	64.1	62.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.6	17.7	17.5	17.2	17.1	17.7	17.8	17.8	17.7	18.3	**19.2**	18.6
2	15.9	15.4	15	14.6	**14.3**	15.3	15.4	17.1	17.2	18.6	18.7	18.2
3	15.8	15.7	15.2	15.1	**14.7**	15.6	16.9	17.9	17.9	18.1	18.2	18.7
4	18.3	18	18.2	17.8	17.9	18	18.3	18.7	18.8	19	20.2	19.6
5	17.5	17.1	16.9	16.9	17.4	17.6	18.1	18	18.1	**18.5**	17.9	17.4
6	15.1	14.7	14.5	**14.2**	**14.2**	**14.2**	**14.2**	15.2	15.4	16.6	14.9	15.6
7	16.9	16.5	16	15.6	15.3	**14.8**	15.2	16.4	16.8	17.4	17.9	17.2
8	16	15.1	14.9	**14.7**	15	14.9	15.3	16	16.3	16.5	16.9	15.9
9	17.7	18.1	17.7	17.1	16.9	16.6	17	17.9	17.8	17.6	17.2	16.1
10	17.5	16.6	16	16.2	16.5	16.9	16.8	16.5	15.8	16.3	16.8	**15.7**
11	16.9	16.7	16.7	16.1	16.1	16.2	16.5	17.4	18	17.7	17.3	18.5
12	16.1	15.8	16	16.3	16.5	16.4	16.7	16.7	17.2	17	17.2	17
13	16.5	16.2	16	16.6	16	**15.3**	16.1	16.3	16.1	16	15.5	15.7
14	16.9	16.4	16.6	16.1	15.9	16.1	16.4	16.4	17.2	18.5	17.7	18.1
15	15.4	15.1	15	15.2	15.2	14.6	15.5	16.4	**17.3**	16.7	15.9	15.9
16	14.5	14.4	14.2	13.5	13.1	13.1	13.5	14.4	14.2	14.9	**15.9**	14.5
17	14.8	14.2	13.6	13.5	13.7	**13.1**	13.5	15.5	15.4	16	15.6	15.5
18	15.1	15	13.6	12.8	12.3	**12.1**	**12.1**	15.1	16.7	16.5	16.8	16.8
19	13.1	12.4	12.7	12.3	**11.9**	**11.9**	12.7	14.1	15.7	16.5	16.3	16.3
20	16.8	15	14.6	14.3	14.3	**13.4**	13.6	15	16.1	**17.4**	16.1	17
21	16.3	14.8	**14.2**	14.4	14.6	14.7	14.3	15	16.6	15.6	15.1	15.8
22	15.6	15.2	15.2	14.6	14.1	13.9	14	14.8	13.4	**12.7**	14.8	13.5
23	14.4	14.2	14.2	**14.1**	**14.1**	14.4	14.7	17.2	17.1	17.8	17.5	18.2
24	15.6	15.5	15.3	15.2	14.9	**14.8**	15.3	16.7	18.6	16.6	17.5	18.3
25	17.1	17	16.3	16.3	16.2	16.2	17.1	16.7	17.5	18.1	17.6	17
26	17.2	17.2	16.5	16.5	16.1	15.8	**15.7**	16.8	17.4	17	16.7	18.3
27	18.3	18.1	17.2	16.6	16.7	17.7	18.2	18.1	**19.1**	18	17.1	17.2
28	15.5	15.5	14.5	14.6	14.4	**14.1**	15.1	15.8	16.2	16.2	15.5	15.1
Mean	16.2	15.8	15.5	**15.2**	**15.2**	**15.2**	15.6	16.4	16.8	17	16.9	16.8

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70	63	**57**	**57**	61	71	74	75	76	75	75	75	75
71	68	67	70	**65**	68	73	76	74	75	77	82	76.3
68	**68**	71	75	72	77	79	79	82	81	83	83	79.2
78.5	84	73	75	**69.5**	75	78	82	81	82	85	86	**81.7**
53	49	**48**	**48**	54	58	64	70	75	79	79	86	71.4
54	**46**	49.5	54	62	67	71	74	74	77	75	76	70.6
61	64	70	84	83	80	80	79	84	80	83	79	78.3
55	52	**51**	**51**	57	63	62	65	70	77	80	85	72
54	55	**54**	58	57	77	80	80	74	73	80	84	74.9
63	69	65	63	62	73	74	76	79	80	80	84	73
64	64.5	69	65.5	71	65	67.5	71	75	75	78	74	75.8
67	70	68.5	64	**61**	66	75	74	76	81	84	85	76.2
67	73	74.5	79	73	70	75	77	78	79	80	84	77.2
84	81	79	64	**61**	68	72	78	80	84	86	79	81
67	**50**	55.5	55	56	65	68	73	74	76	74	74	74.2
49	46	**45**	47.5	47	50	54	58	64	74	78	79	**66.4**
53	50	**44**	49	51	58	66	71	73	79.5	71.5	74	70.2
59	54	**44**	44.5	51	57	60	64	77	72	68	80	67.9
58	55	**46.5**	51.5	58	66.5	67	76	73	77	77	84	69.7
46	**45**	46	47	49	55	65	71	77	80	80	81.5	68.6
51	**48**	50	52	58	66	71.5	77	80	79	85	91	71.7
45	**42**	43	44	47	57	64	62	65	76	73	84	66.6
57	54.5	**54**	59	68	73	72	75	73	79	85	89	74.1
62	62	**57**	62	69	64	73	75	78	79	79	87	75.1
59.5	56	**50**	56	73	81	74	79.5	82	86	87	85	76.1
88	76	67	74	75	72.5	78	81	83	83	88	88	80.6
66	52	51	**49.5**	54	61	66.5	69	66	71	74.5	80	73.5
59	55	**44**	44.5	49.5	57	63	70	77	77	80	78	69.7
61.8	59	**56.9**	58.7	61.2	66.5	70.2	73.5	75.7	78.1	79.5	82	73.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
19	19	17.8	16.8	17.2	17.7	17.7	17.3	**17**	**17**	**16.7**	16.8	17.7
18.8	18.1	18.4	18.3	17.3	16.4	16.5	16.3	15.9	15.9	15.7	15.7	16.6
19	18.2	18.4	**19.5**	18.7	18.4	17.9	17.4	18	17.9	18	17.8	17.5
21.4	20.3	19.7	19.7	18.3	18.6	18.2	18.5	17.8	17.8	**17.7**	17.8	**18.7**
16.7	16.7	16.5	15	15.2	**14.6**	15	15.6	15.9	16.4	16.1	16.1	16.7
16.6	15.5	16.1	16.6	**17.1**	16.6	16.6	16.5	16.6	**17.1**	16.9	16.7	15.7
16.6	16.5	17.7	18.5	**18.7**	17.4	16.8	16.5	16.6	15.8	16.3	15.9	16.6
15.8	16.1	15.8	15.5	15.6	15.9	14.8	14.8	15.7	17.2	**17.4**	17.3	15.8
16.6	16.9	17.7	18.5	16.5	**19.8**	19	18	16.6	**15.9**	17.1	17.3	17.4
17.3	**18.1**	17.5	16.6	15.9	17.3	16.7	16.6	16	16.2	16.3	16.7	16.6
18.5	19	19.1	18.6	**19.4**	16.1	16.1	16.6	17.3	17.3	17.2	**16**	17.3
17.4	**17.7**	**17.7**	16.7	16.2	15.6	16.1	**15.4**	15.6	15.8	15.9	16.4	16.5
16.4	17.8	18	**18.4**	17.1	15.4	15.8	16	15.4	15.5	15.6	16.3	16.2
20.7	20.2	18.5	16.9	16.5	15.7	15.3	15.5	15.4	15.9	15.9	**15**	16.8
16.2	15.7	15.5	15.5	15.1	15.5	15.4	15.4	15.2	14.9	**14.4**	**14.4**	15.5
14.6	14.3	14.5	14.7	13.6	12.3	**12.1**	12.4	13.1	14.3	14.7	14.9	**14**
16.1	15.2	13.6	15	15	14.5	15	15.1	14.9	15.2	14.2	14.3	14.7
17.4	16.8	14.4	14.1	14.7	14.6	14.2	14.4	16.5	14.6	13.8	14.6	14.8
16.9	17.1	15.4	16.3	16.4	17.1	16.4	**17.3**	15.8	16	15.6	15.7	15.1
15.8	15.2	14.7	14.7	14	14.2	15.3	16.1	16.8	16.8	16.6	16.4	15.4
15.6	15.8	15.4	15.2	15.3	16.3	16.4	**16.9**	**16.9**	16.1	16.2	16	15.6
14.6	14.1	14.5	14.4	14.5	14.9	15.6	14.1	14.2	**16.1**	15.3	15.8	14.6
17.1	16.7	16.7	17.9	**19.2**	18.6	18.2	18.4	17.7	18.2	18.1	17.8	16.8
18.3	18.7	18.5	**20.2**	19.2	16.5	18	17.3	17.5	17.8	17.4	17.7	17.1
17.7	17.8	**16**	17.5	**20.1**	19.8	17.9	18.7	18.4	18.2	17.6	16.9	17.5
19.4	17.8	16.6	18.6	18.3	17	17.6	18.2	18.4	17.6	18.6	18.2	17.4
18.4	16.6	16.4	15.6	15.6	15.4	15.6	15.5	**14.8**	15.2	15.7	16.1	16.8
16.4	17.5	15.5	15.1	15.6	16.2	16.5	17.1	**17.6**	17.1	16.7	16.5	15.8
17.3	17.1	16.7	16.8	16.7	16.4	16.3	16.4	16.3	16.4	16.3	16.3	16.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu. E
2	Ci.	Cu.	A.-Cu.	Cu. E	A.-Cu.	S.-Cu. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N. E
3	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E	----------	Cu.-N. E	A.-Cu.	Cu. E	----------	Cu.-N. E
4	Ci.	S.-Cu. E	Ci.	Cu. E	----------	N. E	Ci.-S.	Cu. E	----------	N.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
6	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
7	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E
8	Ci.-S.	Cu.-N.	Ci.-S.	----------	Ci.-S.	----------	Ci.-S.	Cu.	Ci.-S.	Cu.
9	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.
10	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E
11	Ci.-S.	Cu.	Ci.-S.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu.-N. E
12	A.-Cu.	S.-Cu.	A.-Cu.	Cu. E	----------	Cu.-N. E	A.-Cu.	Cu.-N. E	Ci.-S.	Cu. E
13	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	Cu.-N. E	A.-Cu.	Cu.
14	A.-Cu.	Cu. E	----------	N.-cf. E	A.-Cu.	Cu. E	Ci.-S.	Cu. E	----------	Fr.-N. E
15	A.-Cu.	Cu.	A.-Cu.	Cu.	----------	Cu. ESE	----------	Cu. ESE	----------	N.-cf. ESE
16	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	Ci.	Cu. E	----------	Cu. E
17	A.-Cu.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.	----------	Cu. E	----------	Cu.-N. E
18	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
19	----------	Cu.	Ci.-S.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	----------	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
21	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
22	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
23	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
24	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
25	Ci.	Cu.	----------	Cu.	Ci.	Cu. E	----------	Cu.	----------	Cu.
26	Ci.	S.-Cu.	Ci.	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	N. E
27	----------	S.-Cu.	Ci.	S.-Cu.	----------	Cu.	A.-Cu.	Cu. E	Ci.-S.	Cu.-N. E
28	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu. E	----------	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu. E	----------	Cu. E	----------	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
2	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
3	----------	Cu.-N. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.
4	----------	N.-cf. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	A.-Cu.	Cu.
5	----------	Cu. E	----------	Cu.	----------	Cu. E	----------	Cu.	Ci.	Cu.
6	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
7	----------	Cu.-N. E	----------	Cu.-N. E	----------	N.-cf. E	----------	N. E	A.-Cu.	Cu. E
8	----------	N.-cf. E	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.
9	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E	Ci.	Cu.
10	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E
11	----------	Cu.-N. E	----------	Cu.	----------	Cu.-N. E	----------	Cu. E	----------	Cu.
12	----------	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.	----------	Cu. E	A.-Cu.	Cu.
13	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.
14	----------	Cu.	----------	Cu. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu.
15	----------	Cu.-N. ESE	----------	Cu.	----------	Cu.-N. E	----------	Cu. E	----------	Cu.
16	----------	Cu.	----------	Cu. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E
17	----------	Cu.-N. E	----------	Cu.-N.	A.-Cu.	Cu. ESE	----------	Cu. ESE	----------	Cu. ESE
18	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
19	A.-Cu.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. ESE	----------	Cu. ESE
20	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.
21	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
22	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
23	----------	Cu.	----------	Cu.	----------	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
24	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
25	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.
26	----------	Fr.-N. E	Ci.-S.	Fr.-N.	Ci.-S.	Cu.	Ci.	Cu.	----------	Cu. E
27	Ci.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.	A.-Cu.	Cu.	Ci.	Cu.
28	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.-S.	Cu.	A.-Cu.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 2	E 1	Calm	Calm	Calm	Calm	SE 0.5	E 1.5	Calm	ENE 1.5	WNW 2	WNW 3.5
2	NE 2	E 1	E 1	Calm	Calm	Calm	ENE 1	Calm	E 1	WNW 1.5	W 3	WSW 2
3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 2.5	SW 2	SE 4.5
4	EbyS 2	E .5	Calm	Calm	Calm	Calm	Calm	ENE 1	Calm	SE 2.5	E 1.5	E 6.5
5	Calm	E 2	NE 1	NE 1.5	Calm	Calm	Calm	E 2.5	ESE 3	ESE 6.5	ESE 10.5	EbyS 4.5
6	ESE 1.5	Calm	NE 1	NE 1	NE 1	Calm	ENE 1.5	Calm	Calm	E 1.5	W 4	WbyN 4.5
7	Calm	E 1	E .5	Calm	Calm	Calm	Calm	Calm	ESE 1.5	Calm	WNW 2.5	WNW 4
8	ENE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 2.5	NNE .5	WSW 1	SE 3.5
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	WSW 3	WNW 3.5	W 4.5
10	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 3	NE 3.5	NNW 1.5	NE 1.5
11	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E 1.5	NE 2	NE 1.5	W 2
12	NW 1.5	NE 1.5	N 1	N 2	N 1.5	N 1.5	N 1.5	N 1.5	N 2	NNE 1.5	Calm	SSW 2.5
13	Calm	Calm	Calm	Calm	Calm	Calm	N 1	Calm	Calm	SE 3.5	NW 3	W 1.5
14	ENE 2	ENE 1.5	ENE .5	ENE .5	ENE .5	Calm	Calm	Calm	SSE .5	E 2.5	SE 1.5	NNW 2
15	Calm	ENE .5	Calm	Calm	Calm	NE 1	NE 2	NNE 1	Calm	W 2.5	WNW 4	WNW 3
16	ESE 1	ENE 1	ENE 1.5	ENE 1	ENE 1	ENE 1	ENE 1	Calm	EbyS 3.5	ENE 3.5	W 5	W 3
17	ESE 1	ENE 1	NNE 1	NE 1.5	NE .5	NNE 1	NE 1	NE 1	N 1.5	W 2	NW 1.5	ESE 3
18	SE 3	ESE 2.5	ENE 2	NE .5	Calm	NE 1	NE 1.5	Calm	SW 2.5	WSW 2	W 4	WbyS 5
19	NNE .5	Calm	E 1	ENE .5	Calm	E 1	ENE 1	E 1	Calm	SW 1.5	WSW 3.5	W 7
20	SE 1	SEbyE 2	SE 1.5	SE 2	E 2	E 1.5	ENE 1.5	Calm	ENE 7.5	SE 7.5	SE 6	SE 8
21	ESE 2	NE 1.5	NE 1.5	NE 1	Calm	Calm	Calm	Calm	E 1.5	ESE 1.5	ESE 1.5	SE 5.5
22	Calm	Calm	Calm	Calm	Calm	ESE 1	Calm	Calm	ESE 1.5	ENE 3	SE 7.5	SSE 7
23	NNE 1.5	NE 1	Calm	NNE .5	Calm	S 1.5	Calm	Calm	S 1.5	SW 2.5	WSW 1.5	W 4
24	N 1	N 3	NE 2	Calm	Calm	Calm	Calm	Calm	SSW 1	WNW 2	WNW 3.5	WNW 1
25	Calm	Calm	Calm	Calm	Calm	SE 1	NNE 1.5	NW 1	NE 2.5	SW 2	WSW 2.5	WSW 3
26	Calm	Calm	NE 2	Calm	Calm	Calm	Calm	Calm	Calm	WNW 2.5	WbyN 3	NNE 2
27	Calm	Calm	Calm	Calm	Calm	E 1	Calm	Calm	Calm	NW 1.5	WNW 2.5	WNW 4.5
28	SE 1.5	NE 1	NE 1	NE 1	Calm	Calm	Calm	Calm	WNW 2	WNW 4	NW 6.5	WNW 3.5
Mean	0.9	0.8	0.7	0.5	0.2	0.4	0.5	0.4	1.5	2.5	3.2	3.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 3.5	WSW 3	SSE 2	SE 2.5	SE 4.5	SE 1.5	SEbyE 2	ESE 2	ESE 2	SE 2.5	ESE 2.5	SEbyE 2	1.8
2	WNW 1	NW 2	NbyE 2.5	Calm	EbyS 1	ESE 1.5	ESE 1	ESE 2.5	SEbyE 2.5	ESE 2.5	ESE 2	Calm	1.3
3	SE 2.5	SE 3	SE 3	Calm	SE 1.5	ESE 1	Calm	Calm	Calm	Calm	Calm	Calm	.8
4	ENE 2.5	E 1	ESE 3.5	SE 2.5	ESE 2.5	ENE 1	ENE 1	Calm	Calm	Calm	E 1	E 1	1.2
5	ESE 5	ESE 4	SE 5.5	ESE 4.5	ESE 5	ESE 3	ESE 1.5	EbyS 2	EbyS 2	E 2	ESE 2	E 1	2.9
6	W 3	SE 4	SE 5	SSE 4.5	SE 4.5	SE 4	SE 2.5	SE 2	SE 2.5	SE 1.5	SEbyE 2	SEbyE 1.5	2.2
7	ENE 2	ENE 1.5	W 2.5	ENE 4	NE 1.5	ENE 3.5	E 1.5	ESE 1.5	ESE 1	SE 2	ESE 2.5	ESE 2.5	1.5
8	SE 5	SE 5.5	SEbyS 5.5	SSE 3.5	SSE 3.5	SE 3	SE 2.5	SE 2.5	ESE 2	ESE 1	Calm	Calm	1.8
9	WSW 1.5	SW 2.5	SE 1.5	SSE 1	E 2.5	EbyS 2.5	ESE 2	ESE 2	ESE 2	SEbyE 1.5	Calm	Calm	1.3
10	S 1	Calm	N 1	NNE 3	NNE 4.5	NbyE 3	NNE 3	NNE 2	Calm	Calm	Calm	Calm	1.1
11	W 2.5	SW 1.5	Calm	SE .5	E .5	SE 2	ESE 1	ESE 2.5	Calm	Calm	Calm	N 1.5	.8
12	SSE 1.5	SSE 2.5	SE 2.5	SSE 2.5	SE 1.5	SEbyE 1	Calm	SE 2	SE 1	Calm	Calm	Calm	1.4
13	Calm	SW .5	SEbyE 2.5	E 1	SE 1	ESE 2	ESE 1	ESE 1.5	ENE 1	ENE 1	ENE 1.5	ENE 2	1
14	NNW 3.5	NNW 4	WNW 1.5	ESE 3	ESE 2	ENE 1	ENE 1.5	E 1	ESE 1	ESE .5	Calm	NE 1	1.3
15	Calm	ESE 3	ESE 5.5	ESE 3.5	ESE 4	ESE 3	ESE 1.5	ESE 1.5	ESE 1.5	ESE 1.5	ESE 1.5	ESE 1	1.7
16	W 3.5	NNW 1	SE 9	SE 3	E 4.5	E 3.5	E 1.5	ESE 3	SE 3	ESE 2	ESE 2.5	ESE 2	2.5
17	ESE 5	ESE 3.5	ESE 1.5	ESE 4.5	ESE 4.5	E 3	ESE 3	ESE 2	SE 1.5	SE 2.5	ESE 3	SE 2.5	2.2
18	WSW 3	W 5	SSE 5.5	SSE 8	SE 5	SE 4.5	SE 2	SE 2.5	SE 3	SE 2.5	SE 2	ESE 1.5	2.9
19	W 5	W 2.5	SE 6.5	SE 8.5	SEbyS 6.5	SSE 6	ESE 1.5	SE 2	SEbyE 2.5	SE 2	SE 2	SE 1	2.6
20	SE 6	SE 5	SE 5.5	SE 5.5	SE 4.5	SE 8	SEbyE 1	SE 2.5	SEbyE 2.5	ESE 2	SSE 3	SE 2	3.5
21	SE 6	SE 4.5	SE 5	SE 4	SE 4	SE 2	SE 1.5	SE 3	SE 3	SE 2	SEbyE 1.5	Calm	2.2
22	SE 5	SE 4	ESE 3.5	ESE 1.5	SEbyS 1.5	SEbyE 1	SE 2	ESE 2	SE 2	SE 2	SE 2	SE 1.5	2
23	WNW 5.5	WNW 6.5	W 5.5	WbyS 5	SW 3	SW 3	SWbyW 4	SW 3	WbyS 2.5	NW 2	N 1	Calm	2.3
24	WbyN 2	W 2	WbyS 1	SW 1.5	SW 3.5	SSW 5	SWbyW 4.5	SE 1	SSE 1	SE 1	Calm	Calm	1.5
25	WSW 3.5	WSW 2.5	WbyS 2	W 2.5	SW 2.5	SSW 8	S 3	S 1	S 1.5	Calm	Calm	Calm	1.5
26	NE 1.5	NE 4	N 3.5	NE 2	E 2	ESE 2.5	ESE 1	SE .5	E .5	SE 1	SE 1	Calm	1.2
27	WbyS 1.5	SE 5	ESE 5	ESE 3.5	ESE 3	EbyS 2	EbyS 1	ESE 2	ESE 2	SE 2	SE 2	SE 2	1.7
28	WNW 3	WNW 3	SSE 7	SE 5	SE 6	SE 3	ESE 2	ESE 2	SE 1	SE .5	SE .5	SE 1	2.3
Mean	3	3.1	3.7	3.2	3.2	2.7	1.8	1.8	1.6	1.3	1.3	1	1.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	9	4	2.5	1.5	3	4	4	5	4	4	14.5	14.5
2	7	4	3	2.5	1.5	2	5	4	2	4	9.5	6.5
3	2	0	1	1	.5	2.5	1	1	3.5	2.5	9	7
4	8	4	2.5	2.5	1	2	2	2	5	6	16.5	**18.5**
5	3	6	4	5	3	2.5	2.5	8	16	16	**26**	22
6	5	2.5	3.5	3.5	4	3	3	2.5	5	5	11	16
7	6	3	5	4.5	2.5	4.5	3.5	4	2	6	**15**	14
8	6.5	1.5	0	0	.5	1.5	3	1.5	5.5	7	4	10.5
9	0	1	3	3	2	0	1	2	3	8	14.5	**16.5**
10	1	1	1.5	2.5	.5	2.5	0	3	9.5	12.5	6.5	9.5
11	2	0	0	0	2	2	1	1.5	2	5.5	7.5	**15.5**
12	5	5.5	4.5	6.5	4.5	6	6	11	11	9	5.5	6.5
13	2	.5	2	1.5	1	2	3	2	1	2	**9.5**	7.5
14	6.5	5	3.5	2	3.5	4	3.5	3.5	2	1.5	6.5	7
15	2.5	2.5	1	.5	2	1	4	1.5	3	4.5	15.5	12
16	4.5	2.5	4	4.5	4	3.5	3.5	3	4.5	10	15	17
17	5	3.5	4.5	6.5	3.5	4	4.5	4.5	4.5	6	11	13
18	9.5	8.5	4.5	5	1.5	3	4	3	2.5	10	15	15.5
19	5.5	3.5	4.5	3	2.5	2	2	3	3	6.5	18	20
20	5	7	5	7	8	5.5	6.5	5	12	16	23	23
21	6.5	5	5	4	2	1.5	3	3.5	4	9	17	22
22	1.5	0	3	3	3	4	4	4.5	7.5	7	15	20
23	6	4	4	1	2	1.5	1.5	0	2.5	9.5	14	18.5
24	8	11	7.5	4.5	3	0	0	1	5.5	9.5	**16**	14.5
25	0	0	0	0	0	0	0	3	1	2	15	12
26	0	.5	5	3	2	0	0	0	1	5	12	6
27	2.5	.5	2.5	1.5	3	6	2.5	.5	6	11	13	14
28	7	2.5	4	3.5	3	1	3	.5	2.5	11	**22.5**	18.5
Mean	4.5	3.2	3.2	3	**2.5**	2.6	2.8	3	4.7	7.4	13.5	14.2

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	9	8	9	4	6	8	7	7	8	5	2	6.2	5	50
2	2	3	9	10	9	10	10	10	9	9	9	2	7.7	**0**	**50**
3	8	9	10	9	9	10	10	10	10	10	8	3	8.8	1	45
4	6	8	8	10	8	10	10	10	9	9	8	7	8.6	1	00
5	7	9	6	8	8	8	7	3	5	3	4	6	6.2	8	50
6	4	2	2	4	5	4	3	3	8	3	1	2	3	9	05
7	5	3	2	3	9	10	9	10	10	10	9	9	7.4	2	45
8	10	9	8	7	7	8	10	8	5	7	6	7	7.7	5	05
9	8	7	4	3	2	2	9	7	5	6	6	5	5.3	7	40
10	10	9	10	10	10	10	9	10	10	9	8	4	**9.1**	0	55
11	9	10	10	9	9	9	9	8	9	10	6	5	8.6	4	40
12	9	8	10	10	9	9	10	9	8	6	6	5	8.2	1	15
13	7	9	9	9	9	9	10	9	10	9	6	8	8.7	2	45
14	9	8	10	9	9	10	9	8	10	5	2	2	7.6	3	30
15	3	3	3	6	8	8	10	6	9	2	2	6	5.5	6	35
16	2	2	4	6	7	6	7	5	8	6	4	2	4.9	8	50
17	5	3	3	8	9	8	10	10	6	5	3	1	5.9	5	40
18	2	4	2	3	4	3	1	1	1	1	0	1	1.9	9	40
19	2	1	2	3	4	5	5	2	1	1	2	8	3	10	10
20	1	1	4	5	6	6	3	3	4	4	3	2	3.5	**10**	**50**
21	3	3	2	5	4	7	5	4	3	3	4	3	3.8	9	25
22	1	1	1	1	1	1	0	0	0	0	0	1	**.6**	10	25
23	3	3	2	3	4	3	2	2	1	2	6	4	2.9	9	50
24	1	0	1	1	1	1	1	1	1	1	1	2	1	9	50
25	3	3	3	5	3	3	1	1	1	1	2	4	2.5	8	45
26	3	5	6	9	9	10	10	10	10	9	10	10	8.4	1	55
27	7	6	4	7	7	8	5	6	3	3	4	4	5.3	7	05
28	4	5	4	5	7	7	6	6	6	6	6	7	5.8	9	10
Total														174	05
Mean	4.9	5.1	5.2	6.3	6.5	**6.8**	**6.8**	6	5.9	5.3	4.7	**4.4**	5.6	6	13

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
13	11	8	14	**16.5**	13.5	8.5	7.5	7	9	9	8	8.1
5	5	5.5	3.5	6	7	**10**	8.5	8.5	8	7	3	5.3
8	11.5	**17**	7.5	7	6	5	2.5	.5	1	4	3	**4.3**
13	7	14	14	15	11	6	2	3	3.5	4	4.5	7
22	21	24	20	24	16	11	7	7	7	8	3	11.8
17	17	**23**	**23**	**23**	19	15	13	12	8	10	8	10.5
8	7	8	13	5	9	4	4.5	2	5.5	8	8	6.3
12.5	15	**16**	13	**16**	12	10	10	8	4	1	1	6.7
13	12	13	16	12	9	12.5	9.5	8	7.5	4	1.5	7.2
5.5	5.5	3	14	**20**	15	15	9	3	3	3	1	6.1
8.5	6.5	8	4	5	8	11	8	4	2	3	4	4.6
11	**13**	11	**13**	11	7	2	6	4.5	2.5	2	2	6.9
7.5	5	**9.5**	6	3.5	**9.5**	7.5	4.5	4	3.5	5	6	4.4
11.5	10.5	11	6	**12.5**	**12.5**	7.5	5	4	4	2	2.5	5.7
11.5	12.5	19	20	**21**	17	9	6.5	6.5	6.5	8	8	8.1
12	10	18	**22**	16.5	16.5	13	10	9.5	9	8.5	8.5	9.6
17.5	14.5	15	12	16	12	8	6	6	5	9.5	7.5	8.3
16.5	14.5	18.5	**25.5**	23	18.5	12.5	11	10	10	8	6.5	10.7
20	11.5	15	19.5	**21**	20	13	8	9	7	7	3	9.5
26	21	22	24	21	16	9	8.5	9.5	7	10	7.5	**12.7**
24	23	23	**24**	20	14.5	11.5	10	10	8.5	6	3	10.8
25	21	12	15	13	10	8	6	9	8	8	5	8.9
20.5	**21**	15.5	17.5	18	13	19	13	8	8.5	4.5	3	9.4
13.5	12	7	8	15.5	15.5	13.5	5	4.5	5	3	1	7.7
12	9.5	9.5	9	12	14	**16**	9	6	4	2	1.5	5.7
5	**15.5**	12.5	7.5	8.5	11	8	4	4	5	8.5	2.5	5.3
10	16	**22**	19	17	13	8	8	10	8.5	9.5	8	8.8
17	10.5	17.5	22	14.5	11.5	8	7	4.5	3.5	3	5	8.5
13.8	12.8	14.2	14.7	**14.8**	12.8	10.1	7.5	6.5	5.9	5.9	4.5	7.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	----	----	----	1	2	4	7	1	----	----	----	1	----	3	----	----	5	195	4.9	----
2	----	1	1	1	3	6	1	----	----	----	----	1	1	2	1	----	6	128	3.2	----
3	----	----	----	----	----	1	5	----	----	1	1	----	----	----	----	----	16	**104**	3.2	----
4	----	----	----	4	6	3	2	----	----	----	----	----	----	----	----	----	9	167	2.7	0.6
5	----	----	2	----	4	13	1	----	----	----	----	----	----	----	----	----	4	284	7	----
6	----	----	3	1	1	1	10	1	----	----	----	----	2	1	----	----	4	252	6.4	----
7	----	----	1	4	3	5	1	----	----	----	----	----	1	2	----	----	7	152	3.2	----
8	----	2	----	1	----	2	6	3	----	----	----	1	----	----	----	----	9	160	5.6	----
9	----	----	----	----	1	4	2	1	----	1	1	2	1	1	----	----	10	172	5.8	----
10	1	6	2	----	----	----	----	----	1	----	----	----	----	----	----	1	13	147	4.1	----
11	1	----	2	----	2	2	2	----	----	----	1	----	**2**	----	----	----	12	111	4.1	----
12	7	1	1	----	----	----	5	3	----	1	----	----	----	----	1	----	5	166	3.5	----
13	1	----	----	4	1	3	3	----	----	----	1	----	1	----	1	----	9	105.5	2.6	1.9
14	----	----	1	7	2	4	1	1	----	----	----	----	----	1	----	3	4	137.5	**1.8**	**3.3**
15	----	1	2	1	----	11	----	----	----	----	----	----	1	2	----	----	6	195.5	5.2	----
16	----	----	----	7	3	6	3	----	----	----	----	----	3	----	----	1	1	229.5	6.3	----
17	1	2	4	1	1	10	3	----	----	----	----	----	1	----	1	----	----	199.5	5.3	----
18	----	----	3	1	----	2	8	2	----	----	1	2	3	----	----	----	2	256.5	6.5	----
19	----	1	----	2	3	1	7	2	----	----	1	1	3	----	----	----	3	227.5	6.3	----
20	----	----	----	2	2	1	17	1	----	----	----	----	----	----	----	----	1	**304.5**	**7.9**	----
21	----	----	3	----	1	3	12	----	----	----	----	----	----	----	----	----	5	260	6.4	----
22	----	----	----	1	----	5	9	2	----	----	----	----	----	----	----	----	7	212.5	7.5	----
23	1	2	1	----	----	----	----	----	2	----	4	2	4	2	1	----	5	226	5.7	----
24	2	----	1	----	----	----	2	1	----	2	2	1	2	4	----	----	7	184	5	----
25	----	1	1	----	----	----	1	----	3	1	2	4	2	----	1	----	8	137.5	5	----
26	1	1	4	----	2	2	3	----	----	----	----	----	----	2	----	----	9	126.5	2.6	1.5
27	----	----	----	----	1	7	4	----	----	----	----	----	1	2	1	----	8	212	5.6	----
28	----	----	3	----	----	2	8	1	----	----	----	----	----	5	1	----	4	203	6.7	----
Total	15	18	35	38	38	98	123	19	6	6	14	15	28	27	8	5	179	5,255.5	140.1	7.3
Mean	0.5	0.6	1.2	1.4	1.4	3.5	4.4	0.7	**0.2**	**0.2**	0.5	0.5	1	1	0.3	**0.2**	**6.4**	187.7	5	0.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	762.60	9.20a.	31.1	2.50p.	92	19.2	**759.35**	3.30p.	21.4	6.50a.	57	16.7
2	**62.35**	9.05a.	28.6	3.10p.	90	18.8	59.70	3.25p.	19.2	6.20a.	65	14.3
3	63.13	9.05a.	28.8	1.10p.	92	19.5	60.25	3.25p.	19.1	4.40a.	68	14.7
4	62.75	9.45a.	28.8	1.05p.	92	**21.4**	60.05	4.20p.	**21.9**	5.55a.	**69.5**	**17.7**
5	62.90	9.30a.	32.2	2.05p.	93	18.5	60	3.15p.	20.5	3.45a.	48	14.6
6	63.40	8.55a.	31.9	2.05p.	91	17.1	60.28	4.00p.	18.1	5.55a.	46	14.2
7	62.70	9.20a.	29.6	10.05a.	89	18.7	60.09	3.00p.	19	6.35a.	59	14.8
8	63.58	9.00a.	31.2	3.20p.	93	17.4	60.60	3.15p.	18.4	5.05a.	51	14.7
9	63.77	9.00a.	32.4	2.40p.	93.5	19.8	60.50	3.55p.	20	5.30a.	54	15.9
10	63.60	8.55a.	28.7	1.35p.	89	18.1	60.80	3.30p.	**21.9**	1.10a.	58	15.7
11	64.20	9.20a.	31.5	1.15p.	91	19.4	61.20	3.35p.	20.4	3.55a.	57	16
12	64.55	10.40p.	29.1	3.35p.	88	17.7	61.93	4.00p.	20.9	4.15a.	61	15.4
13	64.95	9.45a.	29.3	0.35p.	90	18.4	62.35	4.10p.	19.5	5.55a.	62	15.3
14	**65.30**	9.15a.	28.4	4.30p.	91	20.7	62.37	4.00p.	19.3	6.30a.	61	15
15	64.45	9.15a.	31.5	1.55p.	**95**	17.3	61.79	3.00p.	18.2	6.05a.	50	14.4
16	64.60	9.30a.	31.2	2.45p.	89	**15.9**	60.90	3.35p.	16.9	6.10a.	45	12.1
17	64.75	9.55a.	31.9	3.20p.	91	16.1	61.30	3.20p.	17.2	6.25a.	46	13.1
18	64.29	10.00a.	32	2.35p.	**82**	17.4	61.15	3.30p.	17	5.40a.	44	12.1
19	64	9.00a.	32	2.40p.	88	17.3	60.83	4.00p.	**16.3**	6.40a.	46.5	**11.9**
20	63.54	10.00a.	32.4	1.50p.	94	17.4	60.58	4.00p.	17.4	6.30a.	45	13.4
21	62.76	9.00a.	31.8	11.25a.	**95**	16.9	60.40	3.05p.	17.3	6.05a.	48	14.2
22	62.45	9.25a.	32.3	2.25p.	93	16.1	59.55	4.05p.	17	6.30a.	**42**	12.7
23	63.75	9.20a.	30.8	3.35p.	91	19.2	60.15	4.00p.	18.3	5.50a.	54	14.1
24	63.25	9.45a.	32.4	3.30p.	93	20.2	60.10	3.50p.	18.4	6.15a.	57	14.8
25	63.05	8.20a.	32	3.15p.	93	20.1	59.55	3.25p.	19.5	6.30a.	50	16
26	63.90	9.40a.	**28.2**	9.10a.	90	19.4	61.20	3.25p.	19.4	6.25a.	65	15.7
27	64.40	9.10a.	32.4	2.40p.	93	19.1	61.20	3.25p.	20	4.15a.	49.5	14.8
28	64.65	9.50a.	**33.1**	2.35p.	92	17.6	61.30	3.30p.	17.4	6.10a.	44	14.1
Mean	763.70	--------	30.9	--------	91.2	18.4	760.70	--------	18.9	--------	53.7	14.6

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----Overcast.
3----As yesterday.
4----d° in the morning; d in the afternoon.
5----Gusty ESE winds in the forenoon; coloration of upper clouds at sunset.
6----Coloration of upper clouds at sunset.
7----d° in the afternoon.
8----Slight coloration of upper clouds at sunrise; ≡° in the morning.
9----Coloration of upper clouds at sunset.
10----Overcast.
11----d° 7.23 a. m.
12----Overcast.
13----●° in the afternoon.
14----⌒°, ● in the morning; d° in the afternoon.
15----Cloudy weather.
16----Somewhat gusty SE winds in the afternoon.
17----Cloudy weather.
18----Somewhat gusty SEly winds in the afternoon.
19----As yesterday.
20----Somewhat gusty SEly winds in the forenoon and afternoon.
21----Cloudy weather.
22----Somewhat gusty SEly winds in the forenoon.
23----Fair weather.
24----≡° in the morning.
25----Fair weather.
26----d in the forenoon and afternoon.
27----Cloudy weather.
28----As yesterday.

OBSERVATIONS FOR MARCH, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	63.60	63.05	62.90	63	63.45	63.83	64.14	64.33	64.62	**64.70**	64.13	63.63
2	63.30	62.90	62.85	62.90	63.40	63.75	64.14	64.44	64.72	**64.73**	64.28	63.31
3	63.35	62.65	62.40	62.35	62.50	63.06	63.50	**63.78**	63.74	63.64	63.16	62.64
4	61.50	61	60.80	60.65	60.80	61.26	61.91	62.28	62.31	**62.33**	61.89	60.99
5	60.10	59.75	59.40	59.30	59.45	59.87	60.15	60.55	**60.57**	60.53	59.94	59.44
6	59.05	58.70	58.45	58.35	58.65	58.99	59.35	59.80	59.94	**60.09**	59.61	59.20
7	58.95	58.55	58.55	58.50	58.55	59.04	59.48	59.87	60.07	60.13	59.82	59.14
8	59.85	59.60	59.35	59.35	59.35	59.78	60.08	60.32	**60.38**	60.27	60	59.05
9	59.70	59.25	59	59	59.05	59.40	59.80	60.19	60.57	**60.62**	60.13	59.51
10	59.95	59.65	59.50	59.45	59.60	60.01	60.60	61.33	**61.59**	61.49	60.91	60.21
11	59.70	59.15	58.95	59	59.15	59.74	60.40	60.57	**60.79**	60.77	60.49	59.67
12	60	59.80	59.75	59.75	60	60.42	61.05	61.46	**61.52**	**61.52**	61.02	60.50
13	60.85	60.50	60.30	60.15	60.25	60.69	61.46	61.82	**62.42**	**62.42**	62.13	61.43
14	61.15	60.80	60.85	60.85	60.85	61.33	61.90	62.65	**62.90**	62.59	62.27	61.57
15	61.95	61.80	61.70	61.80	61.90	62.34	62.84	63.28	63.70	**63.77**	63.38	62.89
16	61.55	61.25	61.05	61.05	61.10	61.54	62	62.29	**62.69**	62.57	62.31	61.82
17	62.15	61.95	61.80	61.95	62.20	62.88	63.45	63.89	**64.02**	63.98	63.55	63.32
18	63.70	63.45	63.25	63.45	63.60	64.33	65.10	65.34	65.43	**65.45**	64.77	64.12
19	63.95	63.55	63.50	63.50	63.60	63.88	64.20	64.52	**64.58**	64.33	63.79	62.84
20	61.70	61.35	61.10	61.20	61.35	61.81	62.20	**62.74**	62.73	62.62	61.94	61.11
21	59.85	59.55	59.40	59.50	59.85	60.41	61.03	61.44	**61.72**	61.64	61.32	60.53
22	60.20	59.95	59.85	59.85	60.05	60.45	61.02	61.48	**61.74**	61.52	61.15	60.42
23	60.30	59.95	59.85	59.85	60.10	60.55	61.25	**61.54**	61.52	61.44	60.86	60.16
24	60.35	60.15	60	60.10	60.35	60.81	61.40	61.97	**62.47**	62.23	61.74	61.04
25	60.60	60.35	60.25	60.25	60.60	61.13	61.70	62.39	62.47	**62.49**	62.17	61.53
26	60.65	60.45	60.15	60.15	60.25	60.73	61.25	61.68	**61.95**	61.88	61.56	61.04
27	61.25	60.95	60.80	60.75	61	61.34	61.96	62.25	**62.38**	62.22	61.77	61.11
28	61	60.90	61	61	61.10	61.55	62.09	62.59	**62.89**	62.73	62.13	61.36
29	61.75	61.50	61.30	61.45	61.55	61.87	62.23	**62.72**	62.67	62.49	61.90	60.95
30	61	60.70	60.50	60.40	60.60	61.10	61.40	61.82	**61.97**	61.69	61.42	60.72
31	59.75	59.40	59.15	59.30	59.40	59.81	60.21	**60.68**	60.66	60.46	60.14	59.24
Mean	61.06	60.73	60.57	60.59	60.76	61.22	61.72	62.13	**62.31**	62.24	61.80	61.11

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.4	22.1	21.8	21.4	21	**20.3**	21.4	24.3	27.2	28	28.5	28.1
2	23.7	23.6	23.5	23.2	22.6	22.3	22.9	24.7	26.1	27.3	27.8	28.5
3	21.4	20.7	20.8	20.5	19.7	**19.5**	21.2	24.7	27.9	29.8	28.9	28.2
4	22	21.8	21.7	20.5	20	**19.4**	20.6	24	26.5	27.5	28.4	29.3
5	23.9	22.8	22.3	21.6	21.4	**20.8**	22	26.1	27.3	28.3	27.4	27.8
6	25.4	25	24.9	**24**	**24**	24.9	25.1	26	27.9	30	30	31.6
7	25.2	24	23.8	23.2	23.1	**23**	24	28	30.4	29.9	30.5	30.8
8	25.6	25.1	24.3	24.1	23.4	**23.2**	23.6	27.3	30.8	32.6	32.8	33
9	24.5	23.5	22.7	22.6	**21.9**	**21.9**	23.3	27.7	29.5	30.3	29.3	29.7
10	23.6	22.8	21.9	21.7	21.2	**21.1**	22.5	26.5	28.8	30.4	31.6	32.2
11	22.9	21.9	21	20.2	19.8	**19.3**	21.1	25.6	28.2	30	31	31.3
12	22	20.7	20.7	19.8	19.2	**19**	21.2	25.6	28.6	30.7	31.5	32.5
13	23.1	22	21.5	20.9	20.5	**19.9**	22.4	25.5	27.5	29.5	29.5	30.1
14	23.4	22.3	21.7	21.4	21.1	**20.9**	22.2	24.7	26.7	27.8	28.5	29.9
15	23.7	23.4	23.1	**23**	23.4	23.4	23.9	25	26	27.7	28.1	28.5
16	24.1	23.9	23.8	23.2	22.8	**22.5**	23	26.1	28.8	29	29	28.8
17	24.4	24.2	23.4	**22.7**	22.8	23	23.8	25.2	28	28.4	28.8	29.3
18	23.2	22.2	22.3	21.6	21.2	**20.9**	22.7	25.8	28	27	28.8	27.3
19	23.4	22.2	23	22.8	22.3	**21.3**	23	26.5	27.5	28.5	28.6	29.6
20	22.9	21.9	21.1	20.4	20.3	**19.9**	22.7	26.8	27.3	28	29.5	30.1
21	24.2	23.3	22.5	21.9	22.1	**21.8**	24.5	27.5	27.4	28.9	29.1	29.8
22	22.7	21.7	21	20.9	20.3	**20**	22.6	27.2	28.4	29.3	29.7	29.5
23	22.8	22.4	21.5	21.4	20.9	**20.2**	22.5	27.5	29.3	28.2	29.1	30.7
24	22.1	20.8	19.8	**19**	19.4	19.1	22.2	26.2	27.2	29.1	30.1	30.3
25	23.2	23	22.4	21.2	21.1	**20.9**	23.8	27.2	29.4	27.8	29.5	31
26	21	20.2	19.2	19.6	18.2	**17.7**	19.9	24.8	27.6	28.5	29.6	30
27	20.7	20.9	20.5	20.7	20.2	**19.7**	21.5	26.7	28.2	29.6	29	29.4
28	22	21.1	21.4	20.8	20.8	**20.2**	23	26	27.3	28.1	29.5	30.4
29	24	23.7	24.6	23	21.9	**21.4**	24.3	27.5	30.5	31.4	32.4	**33.3**
30	22.9	22.1	21.5	21	20.8	**20.5**	23.3	26.7	28.9	29.5	30.2	30.3
31	23.2	22.4	22.3	22.3	**21.8**	21.9	24	26.9	29.1	28.8	30	30.7
Mean	23.2	22.5	22.1	21.6	21.3	**21**	22.7	26.1	28.1	29	29.6	30.1

ATMOSPHERIC PRESSURE, $700^{\text{mm}}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
63.03	62.28	61.94	**61.81**	61.97	62.17	62.40	63.10	63.95	64.05	64.20	63.90	63.34
62.69	62.37	61.87	**61.62**	61.90	62.31	62.66	62.95	63.55	63.70	63.75	63.70	63.24
61.94	61.13	**60.77**	60.87	61.03	61.19	61.41	61.70	62.15	62.20	62.15	61.95	62.30
60.18	59.49	58.71	**58.65**	58.93	59.09	59.33	59.90	60.40	60.50	60.40	60.35	60.57
58.47	57.58	**57.18**	57.47	58.20	58.51	58.87	59.45	59.60	59.70	59.70	59.50	59.30
58.01	57.19	**56.64**	56.79	57.31	58	58.50	59.25	59.45	59.55	59.60	59.40	**58.74**
58.24	57.40	**56.93**	56.99	57.50	57.97	58.79	59.50	59.90	60.10	**60.40**	60.20	58.94
58.20	57.47	**57.11**	57.20	57.60	58.25	58.90	59.35	59.85	60	60.25	60	59.23
58.64	58.04	**57.62**	57.67	58.02	58.45	58.86	59.50	59.95	60.05	60.20	60.20	59.31
59.67	58.69	57.97	**57.87**	57.95	58.38	58.83	59.40	59.90	60	60.10	59.95	59.71
59.26	58.46	57.87	**57.84**	58.04	58.37	58.67	59.30	59.80	59.95	60.30	60.30	59.44
59.91	59.17	58.72	**58.64**	59.04	59.29	59.79	60.25	60.70	60.95	61.45	61.25	60.25
60.58	59.90	59.20	**59**	59.15	59.54	59.85	60.60	61.10	61.55	61.65	61.65	60.76
60.70	60.20	**59.82**	**59.82**	60.01	60.37	60.66	61.50	62.05	62.40	62.45	62.25	61.33
62.04	61.77	**61.11**	61.34	61.47	61.47	61.60	61.80	61.95	61.95	62.10	61.90	62.16
61.13	60.63	60.18	**59.99**	60.30	60.66	60.92	61.55	62.10	62.60	62.65	62.50	61.52
62.36	61.95	61.53	**61.45**	61.60	62.03	62.57	63.05	63.60	63.65	64	63.80	62.78
63.48	62.60	62.01	**61.82**	62.07	62.66	63.23	63.90	64.25	64.45	64.55	64.40	**63.81**
61.84	61.36	**60.70**	60.80	60.91	61.22	61.62	62	62.45	62.55	62.55	62.15	62.77
60.02	59.16	58.48	**58.15**	58.43	58.82	59.36	59.80	60.05	60.45	60.55	60.30	60.64
59.76	58.83	58.19	**57.84**	58.15	58.41	58.90	59.50	60	60.50	60.55	60.55	59.89
59.41	58.67	58.27	**58.16**	58.37	58.82	59.30	59.90	60.45	60.70	60.90	60.70	60.06
59.26	58.62	58.20	**58.11**	58.52	59	59.53	60	60.55	60.75	60.75	60.65	60.05
59.97	59.08	**58.29**	58.30	58.59	59.16	59.83	60.15	60.65	60.85	60.85	60.85	60.38
60.10	59.34	59.01	**58.72**	59.04	59.43	59.88	60.50	60.75	61	60.95	60.75	60.64
60.28	59.51	59.05	**58.94**	59.26	59.53	60.03	60.60	61.10	61.30	61.60	61.55	60.60
60.22	59.57	**59.20**	59.31	59.52	59.93	60.17	60.65	61.10	61.45	61.50	61.35	60.91
60.58	59.88	59.07	**59.01**	59.32	59.88	60.70	61.35	61.85	62.15	62.15	62	61.18
59.92	59.14	**58.59**	58.66	58.96	59.37	59.70	60.20	60.70	61	61.40	61.30	60.89
59.78	59.12	58.55	**58.12**	58.17	58.59	58.83	59	59.25	59.80	59.95	60	60.10
58.08	57.37	56.76	**56.61**	56.64	57.22	57.78	58.20	58.70	59	59.30	59.30	58.88
60.25	59.55	59.02	**58.95**	59.22	59.62	60.05	60.58	61.03	61.25	61.38	61.25	60.77

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.1	28.5	29.3	**29.5**	28.8	28	26.9	26.1	26.1	26.2	25.2	24.8	25.6
31.1	29.3	30.4	30.8	28.8	27	26	24.9	24.2	24	23.5	**22.2**	25.8
31	31.7	30.9	**31.8**	29.7	26.8	25.2	24.3	23.4	23.1	22.7	22.4	25.3
29.9	30.7	**32.5**	31.5	30.1	28	26.8	26.3	25.8	25.1	24.7	24.2	25.7
29.8	32.9	**33**	31.1	29.5	27.7	26.6	26	25.9	25.7	25.7	25.7	26.3
32.5	33.5	33.8	**33.9**	32	30.2	27.7	27.5	26.8	26.4	25.9	25.8	28.1
33.7	**34.3**	34.1	33.2	32	29.8	28.7	27.8	27.3	26.7	26.9	26.4	28.2
33.6	**34**	33.5	33.1	31.9	28.9	27.6	26.8	26.3	25.7	25.6	25.9	**28.3**
32.9	32.8	**33**	31.6	30.3	28.1	27.3	26.7	25.8	24.9	24.6	24.4	27.1
32.5	**32.8**	32.3	31.4	29.9	27.6	26.6	25.8	25	23.9	23.9	23.8	26.7
31.7	**32.2**	**32.2**	31.3	30.1	27.9	27	25.8	25.1	24.6	24.4	23.2	26.2
33.6	**34.8**	33.1	33.2	29.5	27.1	26.9	26.4	26.2	25.9	25	24	26.6
32.7	33.2	**33.6**	33.5	32.9	28.3	27.3	27.2	27.1	26.6	25.3	24.1	26.8
31.3	31.7	**32.4**	32	30.5	28.8	27.5	26.8	26	25.1	24.9	24	26.3
29.7	26.6	28.5	25.2	25.4	25.4	24.8	24.5	24.2	23.9	24.3	24.3	**25.2**
28.1	29.1	**31.8**	31.7	30.1	27.7	26.5	25.1	24.5	24.4	24.5	24.7	26.4
30.9	30.5	31.6	**32.2**	30.9	28.7	26.7	25.7	25.8	25	24.8	24.3	26.7
30.5	**32.3**	31.1	31.8	29.3	28.2	27.2	25.9	25.4	24.9	24.4	23.3	26.1
31.5	30.7	30.7	27.1	29.4	27.8	26.6	25.5	24.7	24.7	24.2	24	26.1
31.1	31.3	31.2	**32.5**	30.5	27.4	26.8	26	25.7	25.6	25.4	25.2	26.2
30.2	31	32.8	**33.6**	31.5	28.9	27.3	26.6	25.9	25.2	24.5	23	26.8
31	32	**32.2**	31.9	30.9	29.7	28.3	27.2	26.3	25.6	24.6	24	26.5
33.4	**33.8**	33.1	32.2	30.5	28.5	26.9	25.9	25	24.1	23.6	23.4	26.5
31.3	32.5	**34.2**	33.4	31.9	29	27.4	26.6	26.1	25.8	25.7	24.9	26.4
33.7	33.4	31.7	32.2	30.7	28.6	26	25.4	24.8	23.9	23.7	23.7	26.6
31.5	**33**	32.6	32.4	30.5	28.1	26.7	25.6	25.1	24.1	23.5	21.9	25.5
30.6	**31.3**	**31.3**	31.2	30.2	27.7	26.3	25.6	24.8	23.9	23.2	23.2	25.7
30.6	31.2	**33**	32.3	31	28.9	27.2	26.3	25.6	25.2	25.3	24.9	26.3
32.3	33.2	33.2	32.3	30.8	28.5	27.3	26.4	25.7	25.2	24.6	24.3	27.6
30.6	31.1	31.9	**32.6**	31.2	28.6	27.2	26.2	25.6	25.2	24.7	23.9	26.5
32	32.8	**33.9**	33.1	31.6	29.5	28.1	26.8	25.5	25.1	24.8	23.3	27.1
31.4	31.9	**32.2**	31.8	30.4	28.2	26.9	26.1	25.5	25	24.6	24.1	26.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	84	83	81	83	80	**85**	80	71	70	65	**60**	63
2	85	85	85	85	87	87	**88**	81	73	70	69	67
3	84.5	85	80	83	**87**	**87**	82	67	53	48	55	57
4	82	84	83	86	86	**87.5**	83	70	63.5	62	58	58
5	81	89	88	90	88	**91**	89	72	72	71	73	71
6	79	81	78	84	**85**	83	**85**	79	70	65	65	58
7	86	**90**	89	**90**	**90**	**90**	**90**	71	62	65	65	65
8	84	85	90	**91**	**91**	87	88	75	63	54	54	52.5
9	78.5	80	85	84	**88**	87.5	85	62	57	59	64	63
10	87	89	**94**	93	93	91	87	73	61	59.5	52	50.5
11	85	87	**89**	86	85	85	85	67	56	52	48	46
12	83	83	85	**87**	82	84	76	66.5	53	48.5	46	42
13	82	83	81	**84**	81.5	83	73	65	58	59	58	56
14	78	84	85	85	86	**87**	85	77	73	71	69	63.5
15	76	75.5	77	78	80	78	76	73	65	64	60	62
16	86	87	90	90	89	**91**	89	76	59	62	61	59
17	81	81	84	**87**	**87**	83	78	74	65	65	67	62
18	82	86	82	85	86	**88**	82.5	73	63	70	67	70
19	79	83	80	83	85	**89**	85	73	66	66	66	59
20	84	87	87	87	87	**90**	82.5	67	65	64	61	58
21	85	88	89	90	89	**92**	83	73	73	64	67	65
22	78	81	**83**	82	76	78	74	53	**49**	51	52	56
23	88	88.5	**92**	91	91	**92**	85	63	61	65.5	61	57
24	81	85	**86**	82	77	81	72	60	59	52	52	54
25	79	79	80	**84**	83	83	77	65	59	67	59.	52
26	74	73	76	80	82	**84**	76	59	55	53.5	55	56
27	76	78	**82**	80	80.5	81	76	61	58	57	57	56
28	87	**88**	81	82	83	85	76	63	61	62	58	55
29	72	70	68	76	79	**82**	70	64	54	50	47.5	45
30	83	83	**84**	83	82.5	82	77	70	62	61	58	56
31	80	83	**84**	83	83	82	77.5	69	62	64	62	61
Mean	81.6	83.4	83.8	85	84.8	**85.7**	81	68.8	62	60.9	59.6	57.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17	16.5	15.8	15.7	**14.8**	15.1	15.2	16.1	18.7	18.2	17.3	17.7
2	18.4	18.3	18.2	18	17.7	17.4	18.2	18.7	18.2	19	19.1	19.4
3	16	15.5	14.6	14.9	14.8	14.6	15.3	15.5	14.8	14.9	16.3	16.2
4	16.2	16.3	16	15.4	14.9	**14.7**	15	15.6	16.3	17	16.6	17.5
5	17.9	18.3	17.7	17.3	16.7	**16.6**	17.5	18	19.4	20.3	19.7	19.8
6	19	19.1	**18.2**	18.6	18.8	19.5	20.1	19.8	19.6	20.5	20.5	20
7	20.5	19.9	19.4	19.1	**18.8**	**18.8**	19.9	20.1	20	20.3	21.1	**21.3**
8	20.4	20.1	20.3	20.2	19.5	18.4	19	20.2	**20.8**	19.8	19.9	19.6
9	17.9	17.3	17.5	17.2	17.3	17.1	18.1	17.2	17.4	19.1	**19.5**	**19.5**
10	18.8	18.5	18.3	17.9	17.3	16.9	17.6	18.7	17.8	**19.2**	18	18.1
11	**17.7**	16.9	16.5	15.1	14.6	**14.1**	15.9	16.4	16	16.4	16.1	15.8
12	16.3	15.1	15.5	14.9	13.5	13.7	14.2	16.2	15.4	15.9	15.6	15.4
13	17.2	16.3	15.5	15.5	14.6	14.4	14.8	15.7	15.9	18.2	17.8	17.8
14	16.7	16.8	16.4	16.2	16.1	16	16.9	17.8	19	19.8	**20**	19.9
15	16.5	**16.2**	**16.2**	**16.2**	17	16.7	16.7	17.1	16.3	17.6	17	17.9
16	19.3	19.2	**19.7**	19.1	18.3	18.4	18.5	19	17.5	18.3	18.1	17.3
17	18.3	18.1	17.9	17.8	17.9	17.3	17.1	17.7	18.2	18.7	**19.6**	18.7
18	17.3	17.1	16.5	16.2	16.2	16.2	16.9	18	17.6	18.6	**19.8**	19
19	16.8	16.6	16.7	17.2	17	16.8	17.8	18.7	17.9	19.1	**19.3**	18.3
20	17.5	16.9	16.2	15.5	**15.4**	15.5	16.9	17.6	17.5	18	18.8	18.4
21	19	18.7	17.9	17.6	17.6	17.8	19	20	19.7	18.9	20	**20.2**
22	15.9	15.7	15.5	15	**13.5**	**13.5**	15.1	14.2	14.1	15.5	16.2	17.3
23	18.1	17.8	17.5	17.2	16.7	16.3	17.2	17.2	18.5	18.6	18.3	**18.8**
24	15.9	15.6	14.7	13.4	**13**	13.3	14.4	15.3	15.9	15.5	16.5	17.3
25	16.6	16.6	16.1	15.7	15.4	15.3	16.8	17.6	17.9	**18.7**	18.2	17.5
26	13.7	12.9	12.6	13.6	12.8	12.7	13.1	13.6	15.1	15.5	16.8	**17.7**
27	13.9	14.4	14.8	14.5	14.2	13.9	14.5	15.9	16.4	17.6	17	16.9
28	17	16.4	15.4	14.9	15.2	15	15.9	15.8	16.4	17.5	17.6	17.9
29	16	**15.3**	15.8	15.9	15.4	15.5	15.8	17.5	17.6	17	17.2	17.2
30	17.3	16.5	16	15.5	15.1	**14.8**	16.4	18.2	18.4	18.8	18.4	17.9
31	17	16.8	16.8	16.7	16.1	16.1	17.2	18.1	18.7	18.8	19.7	**20**
Mean	17.3	17	16.7	16.4	16	**15.9**	16.7	17.3	17.5	18.1	**18.3**	**18.3**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
63	66	62	62	63	67	69.5	73	73	73	77	80	72.2
59.5	61	58	**56**	58	59	62	71	74	75	77	84	73.2
48	**45**	49	**45**	**45**	50	57	61	70	74	78	77	65.3
59	59	**53**	54	60	66	74.5	73	75	76	79	80	71.3
65	**52**	52.5	60	66	68.5	73	75.5	76	76	77	78	74.8
56	53.5	**53**	**53**	56	66	82	81	80	79	82	84	72.4
51	**50**	**50**	53	58	67	69	72	75	79	76	77	72.1
54	50	50	**48**	53	65	68	74	74	75	73	72	69.6
48.5	46	**44**	54.5	57	68	71	72	78	82	84	85	70.1
47	**45**	47	52	56	65	68.5	70	73	78	81	81	70.6
45	**45**	**45**	47	54	59	67	69	73	74	77	84	67.1
39	**32**	45	44	70	73	65	79	82	84	86	85	67.5
47	44	43.5	39	**37**	72	79	81	76	76	81	**84**	67.6
57	48	**47**	49	51	52	58	63	68	74	75	74	69.1
59	78	70.5	83	88	88	88	85	86	88	83	**89**	**77.1**
63	62	**46**	47	49	55	63	69	73	73	77	75	70.5
57	56	**49**	**49**	52	56	64	69	65	72	75	77	69
58	50	51	**48**	57	58	63	67	66	73	77	82	70.2
54	56	**50**	72	58	57	64	72	77	75	79	80	71.2
55	54	54	**47**	52	74	77	76	78	77	79	80	71.8
62	56	**39**	41	41	55	63	64	70	73	74	79	69.8
54	53	53	52	54	56	64	70	74	75	82	81	65.9
46	**45**	48	49	55	61	59	72	73	77	77	79	69.8
51.5	53	**44**	46.5	48	57	63	67	65	62	68	73	64.1
42	39	37	**34.5**	36.5	40	51	53	58	64	63	64	60.4
50	47	40	45.5	**37**	45	48	53	56	61	64	70.5	**60**
54	52	55	**40**	43	50	56	59	64	73.5	75	79	64.3
55	53	45	**42**	47	47	59	60.5	66.5	70	66	68	65
45	**43**	44	49	54	56	61	66	68	70	74	75	61.8
56	53.5	55	**45**	50	66	69	74	77	76.5	76	77	69
50	44	34.5	34.5	**32**	39	51	61	67	68	71	73	63.1
53.2	51.3	**48.8**	49.7	52.8	59.9	65.4	69.4	72	74.3	76.2	78.3	68.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.9	**19.2**	18.9	19	18.6	18.7	18.3	18.2	18.2	18.5	18.4	18.7	17.5
19.9	18.5	18.8	18.4	17.1	15.7	**15.6**	16.6	16.7	16.7	16.6	16.7	17.8
16.1	15.5	**16.4**	15.6	13.9	**13.2**	13.5	13.8	15	15.5	16.1	15.4	15.1
18.5	19.4	19.3	18.5	19.2	18.6	**19.5**	18.6	18.4	18.1	18.2	17.9	17.3
20.3	19.5	19.6	20.2	**20.4**	18.9	18.8	18.8	18.9	18.6	18.9	19	18.8
20.5	20.5	20.7	20.9	19.8	21.1	**22.7**	22.2	20.8	20.3	20.4	20.7	**20.2**
19.8	20	20	19.9	20.6	20.7	20.2	20	20.2	20.5	20	19.7	20
20.7	19.6	19.3	18.1	18.6	19.2	18.8	19.3	18.9	18.5	**17.8**	**17.8**	19.4
18	17.1	**16.4**	18.8	18.3	19	19.2	18.8	19.3	19.1	19.3	19.3	18.2
16.9	**16.8**	17.1	17.6	17.6	17.8	17.7	17.3	17.1	17.2	17.8	17.8	17.7
15.5	16.1	16.1	15.9	17	16.4	**17.7**	17.1	17.4	17	17.5	**17.7**	16.4
15.1	**13.2**	17	16.7	**21.6**	19.5	17.2	20.1	20.8	20.8	20.2	18.8	16.8
17.4	16.5	16.8	14.9	**13.8**	20.7	21.3	**21.6**	20.3	19.6	19.5	18.7	17.3
19.4	16.8	17	17.2	16.6	**15.3**	15.9	16.5	17	17.6	17.5	16.5	17.3
18.3	20.2	20.4	19.9	**21.3**	21.1	20.5	19.4	19.4	19.4	18.8	20.1	18.3
17.7	18.4	16	16.3	15.6	**15.1**	16.2	16.3	16.7	16.6	17.6	17.4	17.6
19.1	18.2	17.1	17.7	17.2	16.4	16.8	16.8	**16.1**	16.9	17.4	17.3	17.7
19	18	17.2	17	17.4	16.6	16.8	16.5	**15.8**	17.2	17.5	17.4	17.3
18.5	18.4	16.5	19.1	17.7	**15.7**	16.5	17.5	17.8	17.4	17.8	17.7	17.6
18.6	18.5	18.3	16.9	17	**20.1**	**20.1**	19	19	18.7	19	19	17.8
19.7	18.7	14.3	15.9	**14.2**	16.1	17.1	16.6	17.4	17.3	16.9	16.4	17.8
18	18.8	**19.1**	18.3	17.9	17.5	18.4	18.7	18.9	18.3	18.8	18.1	16.8
17.6	17.5	17.9	17.7	17.8	17.7	**15.6**	17.8	17.1	17.1	16.7	16.8	17.5
17.5	**19.3**	17.5	17.7	16.9	17	17.1	17.2	16.2	15.4	16.7	17.2	16.1
16.2	14.8	13	12.5	12	**11.8**	12.7	12.9	13.5	14.2	13.8	14	15.2
17.2	17.4	14.6	16.4	**12.1**	12.8	12.4	13	13.3	13.5	13.8	13.8	**14.2**
17.5	17.7	**18.9**	13.6	**13.3**	13.9	14.2	14.5	15	16.2	15.8	16.6	15.5
18.1	17.9	16.8	14.9	15.6	**13.8**	15.9	15.4	16.2	16.6	15.9	15.9	16.2
16.3	16.3	16.5	17.8	**18**	16.2	16.4	16.8	16.7	16.8	17	17	16.6
18.3	18	**19.3**	16.5	**17**	**19.3**	18.5	18.7	18.7	18.2	17.6	17.1	17.5
17.8	16.1	13.6	13	**11**	11.9	14.5	16	16.2	16.1	16.5	15.5	16.3
18.1	17.8	17.4	17.2	16.9	17	17.3	17.5	17.5	17.5	17.6	17.5	17.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	-----	Cu.	-----	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu. E
2	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E
3	Ci.	Cu.	-----	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
4	A.-Cu.	S.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
5	Ci.	Cu.	-----	Cu.	-----	Cu. E	-----	Cu. E	-----	Cu. E
6	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu
7	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
8	Ci.	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.
9	-----	Cu.	-----	Cu.	-----	Cu. ENE	-----	Cu.	-----	Cu.
10	-----	Cu.	-----	Gu.	-----	Fr.-Cu.	-----	Cu. ENE	-----	Cu. ENE
11	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
12	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
13	Ci.	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
14	A.-Cu.	Cu. E	Ci.-S.	Cu. E	-----	Cu. E	-----	Cu. E	-----	Cu.
15	-----	S.-Cu.	-----	Cu.-N. ENE	-----	Cu.-N. ENE	-----	Cu.-N.	-----	Cu.-N.
16	A.-Cu.	S.-Cu. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu. E	-----	Cu. E	-----	Cu.
17	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	-----	Cu. E	-----	N.-cf. E	-----	Cu. E
18	-----	Cu. E	A.-Cu.	Cu. E	-----	Cu.-N. E	A.-Cu.	Cu. E	-----	Cu.-N. E
19	Ci.	Cu.	-----	Cu. E	-----	Cu. E	-----	Cu. E	-----	Cu. E
20	Ci.	Cu.	Ci.	Cu.	-----	Cu. E	Ci.	Cu. E	-----	Cu. E
21	Ci.	Cu.	Ci.	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
23	Ci.	Cu.	Ci.	Cu.	-----	Cu.	Ci.	Cu. E	-----	Fr.-Cu.
24	Ci.	Cu.	-----	Cu.	A.-Cu.	Cu.	-----	Cu. E	-----	Cu. E
25	-----	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu. E	-----	Cu.
26	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Fr.-Cu.
27	-----	Cu.	-----	Cu.	-----	Fr.-Cu. E	-----	Cu. E	A.-Cu.	Cu.
28	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
29	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.
30	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
31	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	A.-Cu.	Cu.	A.-Cu.	Cu.
2	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu. E	-----	Cu.	A.-Cu.	Cu.
3	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
4	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
5	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
6	A.-Cu. E	Cu.	-----	Cu.	-----	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
7	-----	Cu.	-----	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.
8	Ci.	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
9	-----	Cu. ENE	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
10	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
11	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
12	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
13	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
14	A.-Cu.	Cu.	A.-Cu.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
15	-----	Cu.-N. ENE	-----	Cu.-N. ENE	-----	N.-cf. ENE	-----	Cu.-N. ENE	-----	N.-cf.
16	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	-----	Cu.
17	-----	Cu. E	-----	Cu. E	-----	Cu.	-----	Cu.	-----	Cu.
18	-----	Cu.	-----	Cu.	-----	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
19	-----	Cu. E	-----	Cu. E	-----	N.-cf.	-----	Cu.-N.	-----	Cu.
20	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
21	-----	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
22	Ci.	Cu.	Ci.	Cu.	Ci.-S. NNE	Cu.	Ci.	Cu.	Ci.	Cu.
23	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
24	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	-----	Cu.	Ci.-S.	Cu.
25	-----	Cu.	-----	Cu. E	-----	Cu.-N. E	-----	Cu.-N. E	Ci.	Cu.
26	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
27	-----	Fr.-Cu.	-----	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.
28	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
29	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
30	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
31	-----	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.-S.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SE 0.5	NE 0.5	N 1	N 1.5	N 1	Calm	Calm	NNW 1	Calm	WNW 2.5	W 0.5	WNW 2
2	Calm	Calm	Calm	Calm	Calm	E 0.5	Calm	Calm	WSW 1.5	WSW 1.5	W 1.5	WSW 3
3	Calm	Calm	SE 1	SE 1.5	Calm	E .5	E 0.5	E .5	E 5	E .5	NNW 6	WNW 4
4	Calm	Calm	Calm	Calm	Calm	NNE .5	NNE .5	NNW .5	WSW .5	W 2	WNW 3	WNW 6
5	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 2	W 1.5	WNW 2	W 2.5
6	ESE 2	E .5	ENE 1	Calm	Calm	ESE 1	Calm	Calm	E 2.5	E 2.5	SE 1	ESE 3
7	SE .5	Calm	Calm	ENE .5	Calm	Calm	Calm	E 1	E 2.5	WNW 4	W 3.5	W 5
8	NE 1	Calm	NE 1	NE 1	Calm	NE 1	Calm	SE 1.5	ESE 1.5	ESE 5	SE 5.5	SE 10.5
9	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 2.5	NE 1.5	WNW 1.5	WNW 7.5
10	Calm	Calm	E 1	Calm	ENE 1.5	Calm	Calm	Calm	Calm	SE 1.5	SE 5.5	SE 6.5
11	ESE 1.5	E 1.5	E 1.5	E 1.5	ENE 1.5	E 1.5	Calm	Calm	E 2.5	ENE 2.5	SE 2	SE 6.5
12	ENE 1	ENE 1	ESE .5	Calm	ESE 1.5	Calm	E 1	E 1	SE 1.5	SE 2.5	SE 4	ESE 3
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1	WSW 1	W 2.5	W 3
14	ESE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	WSW 1	W 3	WSW 4
15	Calm	Calm	Calm	Calm	Calm	NE 2	EbyS 2.5	Calm	NNE 5	Calm	NE 3.5	NNE 2
16	Calm	Calm	Calm	Calm	Calm	Calm	E .5	ESE 1	E 1.5	ESE 1.5	NW 3.5	WNW 4
17	Calm	Calm	Calm	Calm	Calm	ENE 1	NNE 1.5	Calm	NW .5	WSW 2	WSW 1.5	WNW 4
18	ENE 1	ENE 2	NNE 1.5	NE 1.5	NE .5	Calm	Calm	Calm	SSW 3	SW 3	ESE 2	WNW 4
19	E 1	Calm	Calm	Calm	Calm	Calm	ENE 1	Calm	WSW 1.5	W 2.5	W 4	WNW 5.5
20	ESE 1	ENE 2	ENE 2.5	ENE 1	ENE .5	Calm	Calm	Calm	W 4	WNW 4	WNW 5	WNW 3
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 2	W 2	WNW 4.5	W 2.5
22	Calm	E 1	Calm	ENE 1	ENE 1	Calm	Calm	Calm	W 3	WNW 6	WNW 6.5	NW 6.5
23	Calm	Calm	Calm	Calm	Calm	Calm	ESE .5	Calm	W 1.5	W 4.5	WNW 5.5	WNW 2.5
24	NNE .5	NE 1	Calm	E 1	ENE 1.5	ENE 1	Calm	Calm	WSW 5	W 4.5	WNW 5	WNW 5
25	Calm	Calm	Calm	Calm	Calm	E 1.5	Calm	ENE 1	E 1	W 3	W 2.5	WSW 3.5
26	NE 1	NNE 1	NNE 2	Calm	NE .5	Calm	Calm	Calm	SSW .5	WSW 1.5	WSW 4	WSW 4
27	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1.5	NW 1.5	SSW 3	WSW 1.5	Calm
28	Calm	Calm	ESE 1	ESE 1.5	ESE .5	E .5	Calm	N .5	W 3	WSW 4.5	WSW 4	WSW 3.5
29	ESE 2	E 2	E 2.5	NE 1.5	NE 1	NE 1.5	Calm	Calm	E 2.5	SE 3.5	SE 4	ESE 7
30	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 3	WSW 3.5	WSW 4.5
31	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1.5	W 5.5	W 3	WSW 5
Mean	0.5	0.4	0.5	0.4	0.4	0.4	0.3	0.3	2	2.7	3.4	4.3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 1.5	W 1	SE 2.5	ESE 1	SE 3.5	SE 2	SE 2.5	ESE 2	ESE 2	ESE 1	Calm	Calm	1.2
2	SE 5.5	E 5	EbyS 2.5	ESE 1.5	NE 1	EbyS 1.5	ESE 2	ESE 2	ESE 1.5	SE 1	SE 1	Calm	1.4
3	SE 4	SE 3.5	NNW 1.5	E 1	E 2.5	E 4.5	EbyS 2	ESE 2.5	SEbyE 2	SEbyE 3	ESE 2	ESE 2	2.1
4	W 3.5	W 3.5	SE 4.5	SE 5	SE 4	SE 4	SE 1.5	SE 3	SE 3	SE 2.5	SE 2	ESE 1	2.1
5	NW .5	SE 3	ESE 7.5	SE 10	SE 9.5	SE 7.5	SE 1.5	SE 3.5	SE 4	SE 3	ESE 2	ESE 1.5	2.6
6	SE 3.5	SE 3	SE 2.5	SE 2.5	SE 2.5	SSW 2	SSW 3	S 1.5	SE 2.5	SE 1.5	SE 1	SE 1.5	1.7
7	Calm	SE 6	SSE 8.5	SE 1.5	SE 2	SE 6.5	SE 3	SE 3	SEbyS 3.5	SE 1.5	E 2	ENE 2.5	2.4
8	SE 11	SE 12.5	ESE 11.5	ESE 8.5	ESE 5	SE 4.5	ESE 3	ESE 2.5	ESE 2	ESE 2	ESE 2	E 2	3.9
9	SEbyS 6	SSE 8.5	SE 6	ESE 3.5	SE 3.5	ESE 3	ESE 2	ESE 1.5	SE 2	SE 1.5	ESE 1.5	ESE .5	2.2
10	SE 13.5	SE 9.5	SE 8	SE 7.5	SE 11.5	SE 8	SE 10	SE 3	SE 2.5	SE 2	SE 2	ESE 2	4
11	SEbyS 6	SEbyS 8	SE 7.5	SE 4.5	SE 3.5	SE 6.5	SE 4.5	SE 2	SE 2.5	SE 2.5	SE 1	ESE 1	3
12	SE 2.5	SSE 5.5	WSW 2	WSW 4.5	SW 5	SW 3.5	SW 5	WSW 3	SW 2	SW 1.5	Calm	Calm	2.1
13	S 4	SE 2	SW 1.5	WSW 2	SSE 4	SW 4	SW 2.5	SW 2.5	SSW 3	SSW 1	SSW 1	ESE .5	1.5
14	SSW 2	SSE 7.5	SE 5.5	SE 4.5	SE 6	SE 6.5	SE 4	SE 2	SE 2	SE 1.5	ESE 1	ENE 1	2.2
15	E 1.5	NNW 4	NW 2	Calm	Calm	Calm	Calm	ESE 1.5	ESE .5	Calm	E 1.5	Calm	1.1
16	W 6	W 4	ENE 3	E 1.5	E 4.5	E 3	E 1.5	Calm	Calm	Calm	Calm	Calm	1.5
17	WNW 3.5	W 4	S .5	SE 4.5	SE 3.5	SE 2	E .5	E 2.5	ESE 2	ESE 2.5	SE 2.5	SE .5	1.6
18	SSE 2.5	SE 11.5	ESE 5	SE 7.5	SE 6.5	ESE 5	ESE 2	SE 1.5	SE 1.5	E 1.5	ESE 1	Calm	2.7
19	NNW 1	WNW 2	SSE 4	SW 1	SSE 4.5	ESE 5	SE 3.5	ESE 2	ESE 1.5	SE 4	ESE 3	ESE 2	2
20	NW 5.5	W 5	W 4.5	SE 5	SW 4	SSW 5.5	SSE 2.5	SSE 2.5	SSE 2	SE 2	Calm	Calm	2.6
21	WNW 3.5	WSW 2	SSW 4.5	SE 2	SE 3.5	SE 4	SE 3	SE 3	SE 2	SSE 2	Calm	Calm	1.7
22	W 4	W 2.5	WSW 1.5	ESE 5	ESE 9.5	ESE 1.5	SEbyE 2	SE 3.5	SE 2	SEbyE 2.5	Calm	Calm	2.5
23	SE 4.5	SE 6.5	SE 5.5	SE 5	SE 4	SE 4	SE 1.5	SE 2	SE 2.5	SE 2	SE 3	SE .5	2.3
24	WNW 4.5	W 1.5	SE 5	SE 6	SE 9	ESE 5.5	ESE 2	SE 2	SE 2	SE 3	SE 3.5	NE 2	2.9
25	SE 2.5	SSE 7.5	SE 4.5	SE 4.5	ESE 3	ESE 2	E .5	SE 3	SE 3	SE 3	SE 3	SE 3	2.2
26	WSW 7	SW 4.5	WNW 4.5	W 1.5	E 6	ESE 3	E 4	ESE 3	ESE 2	ESE 2	NE 1	Calm	2.2
27	SW .5	E 1	WNW 1.5	E 5	E 4	E 3.5	ESE 2	ESE 2.5	ESE 1	ESE .5	ESE 1.5	Calm	1.3
28	WNW 2.5	W 3	SE 7	SE 8	SE 6	SE 6	ESE 2	ESE 4	SE 2.5	SE 2.5	ESE 3.5	ESE 2.5	2.9
29	SE 4	SE 9.5	SE 9	SE 9.5	SE 9	SE 7	SE 3	SE 2.5	SEbyE 2.5	SEbyE 2.5	SE 2	SE 2	3.8
30	W 2.5	WNW 3	WSW 2.5	SE 2.5	SEbyS 2	S 2	SSE .5	S 3	SSE 3	SSE 2.5	ESE 1	E 1	1.5
31	WSW 4	SW 1.5	SSE 4	SSE 4	SSE 7.5	SE 3.5	SE 4.5	SEbyS 2.5	SEbyS 2	SE 3	SE 2	ENE 1	2.3
Mean	4	4.9	4.5	4.2	4.8	4.1	2.6	2.4	2.1	2	1.5	1	2.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4	3	5	6	5	4.5	4.5	7	5	11	13.5	12.5
2	0	0	0	0	0	1	1.5	.5	3	6	11	9.5
3	0	2	4.5	5.5	3	3	4	4.5	7.5	9	13	**24**
4	1.5	1	3.5	3	1.5	2	3	6	2.5	8.5	17	17
5	4	4	0	1	1.5	1.5	1	2	6	6.5	18	14.5
6	5	4.5	4.5	1.5	.5	4	2.5	3.5	7.5	9	7	13
7	5.5	1	2	3.5	2	1	1	7	8	5.5	14.5	13.5
8	6	.5	1	3.5	1.5	2.5	2.5	5	10.5	11.5	25	22
9	4.5	.5	.5	2	0	.5	0	.5	3.5	7	17	18.5
10	3	.5	1	2.5	3	4	2.5	1.5	2.5	5	15.5	18
11	7	5	4	5	5	3.5	2.5	2.5	4.5	8	12.5	15.5
12	5	3	3.5	2	2	4	3.5	3	4.5	8.5	5	8
13	2.5	0	0	0	0	.5	0	0	.5	1	12	11.5
14	2.5	.5	0	0	0	0	.5	0	5.5	5.5	12	12
15	2	1	1	3	4	4	5.5	4.5	8	3	8.5	**13**
16	0	0	0	0	0	.5	.5	1	3.5	6	13	15.5
17	1	0	0	0	1.5	2	5	5.5	2	7	11	9.5
18	2.5	3	6	4	3.5	1.5	3.5	4.5	4.5	8.5	4	12
19	6	1	2	1	.5	1.5	2	2	6	9	15.5	14.5
20	4	5	6	8	4	.5	.5	0	7	12.5	17	16
21	2.5	1.5	2.5	.5	0	0	0	.5	5	8.5	**15.5**	15
22	2	1.5	1.5	3	3	1	0	0	3	12	17	18
23	1.5	2.5	2	4	3.5	1.5	3	1	3.5	11.5	22	18.5
24	3	2	2	2.5	6.5	1.5	0	0	3.5	10	18	16.5
25	2.5	.5	3	.5	1.5	3.5	1.5	3	4	5	14	14.5
26	4	3	4	3.5	1	1.5	0	.5	1.5	10	**20**	18
27	0	1	2	3	2	3	3	4	7	5	12.5	9
28	.5	0	0	4	4.5	2.5	4.5	1.5	8.5	12	12.5	14
29	6.5	7	8	3.5	2	1.5	4	3	5.5	14	23	18
30	3	3	3	3	4	2.5	1.5	1	3.5	4.5	14	12
31	1.5	.5	.5	.5	.5	.5	.5	1	2.5	8	14.5	14.5
Mean	3	**1.9**	2.4	2.6	2.2	2	2.1	2.5	4.8	8	14.4	14.8

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	4	2	1	1	1	4	10	10	9	9	8	8	5.6	4	10
2	9	9	8	7	8	8	8	8	7	5	4	2	6.9	5	25
3	2	2	1	2	5	5	2	3	4	1	0	0	2.2	9	35
4	1	2	1	1	1	2	3	3	2	2	4	8	2.5	8	00
5	2	3	2	6	7	8	5	4	2	2	2	1	3.7	5	15
6	10	9	9	9	8	7	4	2	1	3	2	2	5.5	6	10
7	2	2	3	6	5	5	5	2	2	2	2	4	3.3	9	40
8	2	2	2	4	4	6	3	2	2	2	1	1	2.6	10	30
9	2	1	1	2	1	2	2	2	2	2	2	7	2.2	9	25
10	1	2	2	2	3	3	2	1	1	1	1	0	1.6	9	40
11	1	2	1	1	1	2	2	2	2	2	0	0	1.3	10	20
12	1	1	2	0	1	3	1	1	1	1	1	1	**1.2**	10	10
13	1	2	3	1	2	2	2	2	2	0	0	0	1.4	9	50
14	6	9	9	3	4	4	3	4	3	2	2	3	4.3	8	10
15	9	10	10	9	9	10	10	10	10	10	10	10	**9.8**	**0**	**30**
16	7	7	8	6	9	6	9	7	3	4	2	3	5.9	5	55
17	8	9	6	5	9	10	6	6	4	4	2	2	5.9	8	10
18	3	5	6	9	7	9	4	4	6	4	5	3	5.4	4	50
19	3	2	4	6	4	6	6	5	8	6	6	6	5.2	6	55
20	6	5	4	4	5	2	5	7	7	6	5	6	5.2	9	45
21	4	3	6	4	6	4	3	3	2	2	2	2	3.4	9	30
22	4	8	8	8	8	9	7	7	7	7	7	6	7.2	8	15
23	2	2	2	3	5	3	2	1	3	2	2	0	2.2	10	00
24	1	2	1	3	4	2	3	2	2	2	2	2	2.2	9	30
25	2	2	3	5	4	2	3	4	7	7	3	1	3.6	10	15
26	2	1	1	1	0	1	3	4	3	3	1	1	1.8	10	50
27	8	1	2	3	5	7	2	2	1	2	1	2	3	10	30
28	2	1	2	2	2	1	1	1	1	1	1	1	1.3	**11**	**20**
29	1	2	2	2	3	3	3	2	2	2	3	1	2.2	10	20
30	4	1	1	1	1	1	2	1	1	1	1	2	1.4	10	50
31	9	2	2	2	1	1	1	1	1	1	1	1	1.9	9	25
Total														263	10
Mean	3.8	3.6	3.6	3.8	4.3	**4.5**	3.9	3.6	3.5	3.2	**2.7**	2.8	3.6	8	29

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
9	5.5	10	10	12	**15**	12	9	7	6	3.5	0.5	7.5
11	**23**	14	13	9.5	14	13	7.5	5	6	5	2	6.5
16	19	7	7	14	15	11.5	9.5	8	11	8	5.5	8.8
16	16	20	**24**	20	17.5	14	10.5	9	9	8	6	9.9
11.5	21	23	25.5	**26.5**	19	14	15	15	12	13	7.5	11
16.5	**21.5**	17	14	15	12	10.5	5	6.5	8	6	7	8.4
11	16	**19**	**19**	**19**	18.5	12	12.5	11.5	9.5	4.5	6.5	9.3
25	**26**	21	19	16	15	13	8	9	5	7	9	11
18	**28.5**	27.5	21.5	18	13.5	10	11.5	7.5	7	6	5	9.5
24	20	22	23	**27**	25	20	12	9	6	7	8	10.9
19.5	**23.5**	22	22	19	18.5	15.5	12.5	8.5	8	11.5	6	10.9
10	7	6	3	2	4	**12**	9	9	7	4	1.5	5.3
7	4	5	4	5.5	**13**	12	10.5	10.5	8.5	2	1	4.6
9	14	17	22	**24**	19	17	11	7	5	2	3	7.9
7	**13**	9	8	0	1.5	.5	3	3.5	0	1.5	1	**4.4**
14.5	16	10	17	**18**	16.5	12.5	1.5	1.5	1	0	0	6.2
19	18	10	16.5	**24**	14.5	6.5	10	8	10	10	6.5	8.2
4.5	19.5	20	**22**	18	16	14	5	6	6	5	2	8.1
14	8.5	15	9.5	18	**20.5**	14.5	10.5	7.5	8.5	7	8	8.4
18	13	12	11	15	11	10	10	11	9	4.5	1.5	8.6
13	13	9.5	9	**15.5**	13.5	11.5	10.5	11.5	3.5	2.5	1	6.9
17	17	8	20	**21**	15	9	12	8	8	4	1	8.4
12.5	**28**	26	26	24	19.5	13	8.5	9.5	9	5.5	5.5	10.9
16	14	13	21	**21.5**	15.5	9	8	9	11	14	11	9.5
16.5	22	**23.5**	22.5	18.5	11.5	6.5	9	8	10.5	11	12	9.4
14.5	11.5	10	11	11	14	13	12	6	7	5	2	7.7
7.5	10.5	10.5	17	**21**	17	15	10	6.5	3.5	4.5	5	7.5
18	17.5	23	**26.5**	22.5	20.5	13.5	8.5	10.5	7.5	12.5	9	10.6
13.5	23.5	26	**28**	26	23	16	12	11	11	7	6	**12.5**
15	13	12	7	14.5	12	9	10	13	9.5	6.5	4.5	7.5
14	11	14	13	**23**	17	12	11	8.5	10.5	9.5	5	8.1
14.1	16.6	15.5	16.5	**17.4**	15.4	12	9.5	8.4	7.5	6.4	4.8	8.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	3		1			4	5						3	2		1	5	180.5	4.9	
2			1		2	6	3					3	1				8	155.5	5.1	
3					8	4	6							1		2	3	211.5	7.2	
4		2				1	9					1	3	2		1	5	236.5	6.6	
5				1		3	8					1	2	1	1		7	263	6.1	
6				1	3	3	10		1	2							4	201.5	5.5	
7				2	3		8	2					2	1			6	223.5	6.6	
8			4		1	10	6										3	264.5	7.9	
9			1	1		6	5	2						2			7	228.5	7.3	
10				1	1	1	14										7	262	7	
11				2	5	2	11	2									2	261.5	7.8	
12				2	2	3	4	1			5	3					4	126.5	6.6	
13						1	1	1	1	3	4	2	2			1	8	111	6.2	
14				1		2	8	1		1		3	1				7	188.5	6.8	
15		2	2		2	3									1	1	13	**105.5**	**2.5**	**5.1**
16				1	6	2							2	1	1		11	148.5	6	
17		1		1	2	2	5		1			2	1	2	1		6	197.5	5.9	
18		1	2	2	1	5	5	1		1	1			1			4	195.5	5.6	
19				1	1	5	2	2			1	1	2	2		1	6	202.5	4.8	1
20				4		1	2	3		1	1		3	3	1		5	206.5	6.6	
21							6	1		2		1	2	2			10	165.5	7.5	
22				2	1	3	4					1	3	2	1		7	202	7.2	
23						1		12						2	2		7	261.5	7.7	
24		1	2	2	1	2	7					1	2	3			3	228.5	7.8	
25				1	3	2	8	1				1	2				6	225	7.9	
26		2	3		2	4				1	1	4	1	1			5	184	7.6	
27					4	5				1	1	1		1	1	1	9	179.5	7	
28	1				1	7	6					3	2	1			3	254	8.1	
29			3		3	2	14										2	**299**	**8.3**	
30					1	1	1	4	2	1		3	1	1			9	181	6.7	
31				1		1	4	5			1	2	2				8	193.5	7.5	
Total	4	9	19	26	53	92	162	38	5	13	15	33	37	31	9	8	190	6,344	206.3	6.1
Mean	0.1	0.3	0.6	0.8	1.7	3	5.2	1.2	0.2	0.4	0.5	1.1	1.2	1	0.3	0.3	6.1	204.6	6.7	0.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	764. 80	9. 25a.	31. 1	3. 50p.	85	19. 2	**761.80**	3. 55p.	20	6. 15a.	**60**	14. 8
2	64. 80	9. 40a.	32. 6	1. 05p.	88	19. 9	61. 60	4. 10p.	21. 3	5. 55a.	56	15. 6
3	63. 80	9. 25a.	33. 1	1. 55p.	87	**16.4**	60. 77	3. 00p.	19	5. 35a.	45	13. 2
4	62. 40	9. 20a.	33. 8	2. 30p.	87. 5	19. 5	58. 60	3. 55p.	18. 9	6. 05a.	53	14. 7
5	60. 65	8. 35a.	34. 3	2. 35p.	91	20. 4	57. 18	3. 00p.	20. 6	6. 05a.	52	16. 6
6	**60.09**	10. 00a.	35. 2	3. 50p.	85	**22.7**	56. 60	3. 35p.	**23.7**	4. 40a.	53	18. 2
7	60. 45	11. 05p.	34. 8	2. 10p.	90	21. 3	56. 90	3. 40p.	22. 5	6. 25a.	50	**18.8**
8	60. 40	8. 45a.	34. 8	2. 30p.	91	20. 8	57. 05	3. 10p.	22. 4	6. 20a.	48	17. 8
9	60. 65	9. 35a.	34. 5	2. 50p.	88	19. 5	57. 60	3. 45p.	21. 2	6. 30a.	44	16. 4
10	61. 65	9. 25a.	34. 2	1. 50p.	**94**	19. 2	57. 87	4. 00p.	20. 7	6. 20a.	45	16. 8
11	60. 85	9. 35a.	34	2. 35p.	89	17. 7	57. 80	3. 25p.	19	6. 25a.	45	14. 1
12	61. 60	9. 40a.	**35.7**	2. 05p.	87	21. 6	58. 60	3. 55p.	18. 8	6. 05a.	**32**	13. 2
13	62. 50	9. 30a.	35	3. 55p.	84	21. 6	58. 95	4. 25p.	19. 5	6. 05a.	37	13. 8
14	62. 95	9. 05a.	34. 8	2. 25p.	87	20	59. 80	3. 20p.	20. 2	5. 20a.	47	15. 3
15	63. 85	9. 50a.	**30.4**	10. 40a.	89	21. 3	61. 05	3. 05p.	22. 8	4. 15a.	59	16. 2
16	62. 75	9. 05a.	33. 3	3. 15p.	91	19. 7	59. 95	3. 50p.	22. 4	5. 50a.	46	15. 1
17	64. 05	9. 25a.	33. 4	3. 55p.	87	19. 6	61. 35	3. 30p.	22. 6	3. 55a.	49	16. 1
18	**65.45**	10. 00a.	33. 8	2. 25p.	88	19. 8	**61.80**	3. 55p.	20. 5	6. 25a.	48	15. 8
19	64. 65	8. 30a.	33. 9	2. 45p.	89	19. 3	60. 65	3. 10p.	21. 2	6. 05a.	50	15. 7
20	62. 80	8. 30a.	33. 8	4. 05p.	90	20. 1	58. 15	4. 00p.	19. 8	6. 05a.	47	15. 4
21	61. 80	9. 15a.	34. 5	3. 55p.	92	20. 2	57. 84	4. 00p.	21. 7	5. 55a.	39	14. 2
22	61. 74	9. 00a.	33. 9	3. 25p.	83	19. 1	58. 10	3. 50p.	19. 5	5. 40a.	49	13. 5
23	61. 54	8. 00a.	34. 8	1. 15p.	92	18. 8	58. 05	3. 45p.	20	6. 05a.	45	15. 6
24	62. 50	9. 15a.	35. 5	3. 10p.	86	19. 3	58. 20	3. 20p.	18. 9	4. 25a.	44	13
25	62. 49	10. 00a.	35. 2	1. 25p.	84	18. 7	58. 65	4. 15p.	20. 9	6. 00a.	34. 5	11. 8
26	61. 95	9. 00a.	34. 5	2. 10p.	84	17. 7	58. 90	3. 45p.	**17.6**	5. 50a.	37	12. 1
27	62. 45	9. 25a.	34. 2	1. 30p.	**82**	18. 9	59. 20	3. 00p.	19	5. 25a.	40	13. 3
28	62. 95	8. 50a.	34. 6	2. 25p.	88	18. 1	58. 95	4. 10p.	20. 2	6. 00a.	42	13. 8
29	62. 75	8. 45a.	35. 3	0. 10p.	**82**	18	58. 55	4. 15p.	21. 4	6. 00a.	43	15. 3
30	62	9. 05a.	34	4. 05p.	84	19. 3	58. 05	4. 30p.	20. 5	6. 00a.	45	14. 8
31	60. 70	8. 25a.	34. 8	3. 20p.	84	20	**56.50**	4. 15p.	21. 5	4. 35a.	**32**	**11**
Mean	762. 39	--------	34. 1	--------	87. 4	19. 6	758. 87	--------	20. 6	--------	45. 7	14. 9

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----d° 7.15 a. m.
3----⌂° early in the morning.
4----Fair weather.
5----Gusty SEly winds in the afternoon.
6----Cloudy weather.
7----Somewhat gusty SEly winds in the afternoon.
8----Gusty SEly winds in the afternoon.
9----≡° in the morning.
10----Gusty SE winds in the afternoon.
11----Do.
12----Fair weather.
13----As yesterday.
14----Cloudy weather.
15----● in the afternoon.
16----Slight coloration of clouds at sunset.
17----Cloudy weather.
18----Gusty SEly winds in the afternoon; slight coloration of upper clouds at sunset.
19----p° 3.05 p. m.; convergence of Ci. toward NW in the evening.
20----⊕ in the afternoon; coloration of clouds at sunset.
21----Cloudy weather.
22----○°, gusty ESE winds in the afternoon.
23----Fair weather.
24----Gusty SEly winds in the afternoon.
25----Somewhat gusty SEly winds in the afternoon.
26----Fair weather.
27----≡° in the morning.
28----Somewhat gusty SE winds in the afternoon.
29----○, gusty SE winds in the afternoon.
30----Fair weather.
31----As yesterday.

OBSERVATIONS FOR APRIL, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.10	58.90	58.75	58.90	59.10	59.64	60.19	60.62	**60.84**	60.69	60.48	59.86
2	59.70	59.55	59.40	59.50	59.70	60.19	60.80	61.32	**61.51**	61.13	60.78	60.30
3	60.55	60.05	59.95	59.85	60.10	60.59	61.03	61.78	**62**	61.94	61.54	60.93
4	60.05	60	59.80	59.75	59.95	60.34	60.74	61.37	**61.58**	61.41	60.92	60.52
5	60.75	60.50	60.05	60.10	60.40	60.72	61.07	61.81	**61.82**	61.76	61.23	61.11
6	59.85	59.55	59.45	59.25	59.55	59.88	60.38	66.17	**61.26**	61.22	60.96	60.01
7	60	59.85	59.65	59.70	60.05	60.32	61.02	61.54	**61.61**	61.41	60.86	60.22
8	60.60	60.35	60.10	60.50	60.70	60.81	61.51	61.97	61.76	61.67	61.26	60.87
9	61.50	61.45	61.05	61.10	61.65	61.72	62.09	63.13	63.17	**63.46**	62.95	62.35
10	62.60	62.15	61.60	61.40	61.65	62.09	62.69	63.12	**63.53**	63.41	62.98	62.27
11	61.30	60.90	60.70	60.70	60.95	61.13	61.64	**62.02**	61.89	61.60	61.35	60.72
12	59.65	59.35	59.15	59.35	59.60	59.80	60.44	60.96	**60.99**	60.56	60.42	59.97
13	59.55	59.30	59.05	59.05	59.50	59.66	60.11	60.66	60.47	60.58	60.45	60.03
14	60.30	60	59.60	59.65	60	60.43	60.82	61.06	**61.26**	61.10	60.81	60.25
15	60.70	60.25	60.40	60.25	60.80	61.07	61.57	61.89	62.23	**62.28**	61.90	61.37
16	61.50	61.45	61.15	61.10	61.15	61.37	61.72	**62.08**	62.04	61.74	61.33	60.62
17	60.20	59.55	59.30	59.25	59.45	60.08	60.71	60.88	**60.93**	60.75	60.22	59.50
18	59.65	59.40	59.25	59.25	59.35	59.61	60.21	60.62	60.78	60.62	60.20	59.86
19	60.30	59.65	59.55	59.45	59.90	60.42	60.91	**61.47**	**61.47**	61.37	61	60.23
20	60.80	60.80	60.85	61.10	61.30	61.62	62.12	62.41	**62.70**	62.62	62.38	61.75
21	62.05	61.80	61.75	61.80	62.30	62.57	63.02	63.18	**63.22**	62.95	62.52	61.81
22	**61.70**	61	60.65	60.50	60.65	61.02	61.14	61.54	61.55	61.41	60.95	60.21
23	60.55	60	60.05	59.80	59.90	60.19	60.71	61.09	**61.18**	61.11	60.66	60.07
24	60.20	59.65	59	59.10	59.55	59.88	60.66	60.92	**61.13**	61	60.62	60.06
25	60.40	59.85	59.45	59.75	60	60.04	60.68	60.88	**61.23**	61.22	60.82	60.16
26	60.35	60.10	60	60.40	60.65	60.99	61.13	61.48	**61.76**	61.31	60.79	60.15
27	60.50	60.40	60.20	60.40	60.60	60.68	61.12	**61.46**	61.35	61.18	60.93	60.30
28	60.20	59.90	59.75	59.80	59.95	59.98	60.30	60.46	**60.57**	60.20	59.67	58.71
29	59.60	59.05	58.65	58.75	58.85	58.95	59.55	59.62	**59.66**	59.45	58.97	58.41
30	58.90	58.75	58.70	58.85	59.15	59.69	60.41	60.66	**60.71**	60.36	59.89	59.27
Mean	60.44	60.12	59.90	59.94	60.22	60.52	61.02	61.44	**61.54**	61.38	60.99	60.40

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.3	21.1	20.8	**19.9**	**19.9**	20.1	23.5	27	30.4	29	29.4	30.6
2	23.1	22.6	22.1	21.3	20.8	**20.3**	24	27	29	30.1	31.7	33.1
3	22.4	21.6	21.2	20.6	20.2	**19.5**	21.9	27.1	28.3	30.1	30.2	31.2
4	24	23.7	23.2	23	**22.8**	22.9	25	27.5	28.3	29.5	30.4	31.6
5	24.1	24	24.2	23.4	23.1	**22.8**	25.6	27.3	29.4	29.4	29.8	24.3
6	24.8	24	23.9	23.6	**23.1**	**23.1**	25.8	27.8	28.2	29.4	28	31.9
7	24.4	24.1	23.8	23.7	23.4	**23.1**	25	26	27.6	27.8	29.5	29.9
8	25.9	25.5	25	24.8	24.5	**24.2**	25.6	28.1	28.5	29.3	30.6	29.4
9	24.8	24.8	24.7	24.1	23.9	**23.7**	25.8	25.3	26.5	27.2	28.8	29.4
10	25.2	24.7	24.3	24.6	24.6	**23.8**	25	27.1	27.2	27.2	28.7	30
11	24.4	24.3	24.1	23.6	23.5	**22.9**	26.3	28.3	29.4	30.3	30	30.9
12	24.9	24.7	24.8	24.9	25.2	**24.6**	25.4	26.9	28.8	30.6	32	32.1
13	26.7	26.5	26.3	26.2	25.8	25.2	26.3	27.5	30.3	29.4	30	31.1
14	24.8	24.4	24.3	24	23.8	**23.5**	26.2	28.4	29.8	29.6	30.5	31.4
15	25.2	25.5	25.9	25.4	**25**	**25**	25.4	26.5	28.9	30.6	31.8	31.4
16	24.8	24.6	24.5	24.2	**23.6**	**23.6**	26	27.7	29.3	29.7	30.2	31.7
17	26.3	25.7	25.2	25.2	25.5	**25**	26.5	29.2	30.6	30	30.9	31.6
18	25.2	25.2	25.1	24.9	24.7	**24.4**	27	29.2	31.1	29	29.7	30.2
19	25.1	24.6	24.2	23.6	23.5	**23.4**	26.2	28.8	30.7	30.1	30	31
20	25	24.5	**24.1**	24.6	24.9	25.1	26.9	28.6	31.4	32	30.5	31.4
21	25.5	24.8	24.4	24.4	24.1	**24**	26.6	29.8	32.2	31.5	30.8	32.2
22	**24.8**	25.6	25.8	25.7	25	**24.8**	27.2	29.4	31.9	32.4	32.1	31.3
23	24.4	24.3	24.6	24.2	**24**	24.2	27.2	28.8	31.2	32	32.9	33.6
24	26.6	25.8	25.5	24.9	**24.7**	24.8	26.7	29.5	31.6	32.6	33.7	34.8
25	25.1	24.8	24	23.5	**23.1**	23.4	26.5	29.3	30	30.4	31.7	32.7
26	26.4	25.1	24.6	24	23.2	**23**	27.3	30.4	32.3	33.7	34.4	34.5
27	25.6	24.9	24.4	23.9	23.9	**23.6**	26	29.6	30.7	29.8	30.3	33.2
28	24.7	24.6	24	23.7	23.5	**23.3**	27.5	29.9	30.4	31.5	33.3	34
29	25	24	23.6	23.1	**22.9**	**22.9**	26.7	29.5	30.7	32	33.4	**34.2**
30	25.6	25.3	24.5	23.8	23.3	**22.9**	26.5	29.5	30.3	33	33	33.5
Mean	24.9	24.5	24.2	23.9	28.6	**23.4**	25.9	28.2	29.8	30.3	30.9	31.6

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.97	57.99	57.76	**57.50**	57.77	58.17	58.67	59.20	59.65	60.05	60	59.85	59.28
59.66	58.96	**58.56**	58.68	58.99	59.34	59.71	60.40	60.85	61.05	61.10	61	60.09
60.21	59.78	59.18	**58.83**	58.99	59.65	60.30	60.85	61.20	61.25	60.95	60.50	60.50
59.41	58.56	**58.49**	59.45	59.08	59.59	60.02	60.75	61.40	61.50	61.20	60.95	60.28
59.69	59.34	58.85	**58.75**	59.36	59.65	60.55	61	61.35	61.35	60.95	60.40	60.52
58.99	58.10	**57.72**	57.95	58.17	58.95	59.34	60.10	60.75	61.10	60.90	60.40	59.79
59.13	58.30	**57.97**	**57.97**	58.22	58.92	59.40	59.95	60.65	60.85	60.85	60.90	59.97
60.37	59.37	**58.97**	59.05	59.35	59.60	60.50	60.85	61.50	61.90	**62.05**	61.85	60.73
61.87	61.01	**60.60**	60.62	60.90	61.41	61.80	62.10	62.50	63	63.25	63.05	**61.99**
61.43	60.58	60.02	**59.71**	60.23	60.55	60.90	61.35	61.85	61.90	61.85	61.55	61.73
59.67	58.63	58.12	57.92	**57.87**	58.16	58.65	59.25	59.85	60.15	60.15	59.90	60.13
58.94	58.29	**57.56**	57.61	58.12	58.68	59.25	59.25	59.80	60.10	60	59.80	59.48
59.21	58.32	57.70	**57.64**	58.10	58.96	59.68	60	60.60	**60.70**	**60.70**	60.50	59.60
59.49	59.02	58.52	**58.45**	58.65	59.25	59.75	59.90	60.65	60.80	60.90	60.85	60.06
60.64	60.15	**59.91**	60.01	60.32	60.48	60.77	61.05	61.45	61.95	62	61.85	61.05
59.89	58.72	58.21	**57.99**	58.27	58.85	59.22	59.45	59.90	60.05	60.40	60.40	60.36
58.51	57.80	57.18	**57.04**	57.59	58.04	58.60	59.20	59.70	60.10	60.05	59.80	59.35
58.65	58.04	**57.91**	**57.91**	58.31	58.97	59.46	59.85	60.70	**60.85**	60.80	60.50	59.61
59.23	58.62	58.34	**58.25**	58.50	59.25	60	60.40	60.70	61	61.20	60.90	60.09
61.09	60.31	**59.99**	60	60.27	60.66	61.35	61.70	62.05	62.50	62.65	62.40	61.48
60.89	60.15	**59.69**	59.77	60	60.70	61.61	62.55	62.75	63.10	62.75	62.25	61.88
59.70	58.78	**58.30**	**58.30**	59.04	59.81	60.70	61.10	61.15	61.30	61.05	60.80	60.51
59.33	58.67	58	**57.69**	57.89	58.23	59.35	60	60.40	60.70	60.80	60.55	59.87
59.10	58.33	58.02	**57.84**	58.15	58.98	59.51	60.05	60.25	60.85	60.95	60.85	59.78
59.31	58.53	57.95	**57.90**	58.18	58.98	59.40	59.70	59.90	60.45	60.50	60.45	59.82
59.39	58.52	58.17	**58**	58.30	58.68	59.30	59.80	60.30	60.85	60.75	60.70	60.08
59.48	58.70	58.25	**57.79**	57.87	58.31	58.44	58.75	59.40	59.95	60.30	60.30	59.86
57.94	57.39	57.12	**56.92**	57.09	58.03	58.53	59.40	59.70	59.85	59.85	59.75	59.21
57.70	57.42	**57.13**	**57.13**	57.31	57.95	58.54	58.90	59.35	59.60	59.65	59.25	**58.73**
58.73	58.20	57.79	**57.43**	57.55	58.19	58.91	59.45	59.85	60.35	60.65	60.55	59.29
59.55	58.82	58.40	**58.34**	58.61	59.17	59.74	60.21	60.67	60.97	60.97	60.76	60.17

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.4	**34**	33.9	33.3	31.8	29.1	27.8	26.7	26	25.3	24.8	24	26.8
33.1	33.3	**33.4**	32.9	31.2	29.2	28	27.1	26.5	25.8	25.3	23.5	27.3
31.7	**33**	32.9	32.8	31.5	29.4	28.5	27.7	27.2	26.6	25.9	25	26.9
32	32.5	**34.2**	23.9	24.8	24.9	24.8	25.1	25.2	25.1	24.6	24.2	**26.4**
25.4	**31**	30.9	30.7	29.5	28.1	27.1	26.7	26	25.4	25.3	25.4	26.6
30.6	32	**32.5**	29.2	28	27.6	27	27.1	26.6	25.9	25.3	24.8	27.1
30.4	31.5	30.5	**32**	31.5	29.5	28.5	27.7	27.8	27.7	26.8	26.4	27.4
27.7	32.3	**33.2**	32	30.7	29.6	28	26.8	25.9	25.6	25.9	25.2	27.7
30.7	30.6	29.5	30	29.1	27.7	26.7	26.5	26.1	25.9	25.8	25.5	26.8
30	30.6	**32.7**	31.6	29.3	28.6	27.3	26.6	26.5	25.9	25.3	25	27.2
31.3	32.6	**33.4**	32.1	30.9	28.8	27.8	27	26.6	26.3	26.1	25.7	27.8
32.3	32.2	**32.8**	32	30	28.8	28.2	27.6	27.3	27.2	26.7	26.6	28.2
31.7	32.2	**32.5**	31.3	29.9	28.5	27	26.6	26.6	26.1	25.4	**24.9**	28.1
31.8	32.2	**32.4**	32.2	30.5	28.7	28.4	28	27.3	26.5	26.4	25.8	28
32.8	32	32.3	29.4	29.3	28.9	27.8	27.4	26.8	26.4	25.9	25.3	28
32	32.5	33	**33.4**	30.5	28.7	28.4	27.9	27.4	26.9	26.5	25.9	28
31.8	32.1	**32.6**	32.3	30.5	28.9	28.1	28	27.9	27.5	26.9	26.6	28.5
32.8	32.3	31.1	30.1	29.7	28.9	28.7	27.9	27.5	26.9	26.7	26	28.1
32.1	31.7	30.9	**32.5**	31.1	30	28.8	27.8	26.8	26.5	25.9	26.1	28
32.4	33.3	32.6	**33.4**	31.1	30	28.9	27.9	27.3	27.2	26.8	26.2	28.6
33.5	33.9	**34.1**	33.1	30.8	29.4	28.5	27.9	27.2	26.7	25.6	24.8	28.6
32.4	31.7	**33.9**	33.7	32	30.4	28.7	25.4	25.5	25.2	25	24.8	28.5
34.2	34.4	**34.5**	34.3	31.6	31.3	30.4	29.9	29.2	28.7	28	27.3	29.4
34.9	**35.1**	35	33.9	31.8	30.9	29.9	28.8	28	27	27.1	25.9	**29.6**
33.4	34	**34.8**	34.4	33	31.2	30	29.2	28.3	27.8	27.3	26.8	28.9
34.8	35.2	**35.3**	35	33.4	31	29.9	28.6	27.9	27.3	27.2	26.4	**29.6**
34.8	**35.2**	34.9	34.3	32.5	30.3	29	27.8	27.3	26.2	25.7	24.8	28.7
34.1	34.4	**34.7**	33.5	32.2	30.9	29.5	28.6	27.5	26.6	26.7	26	29
33.8	33.5	33.3	32.1	30.9	29.8	28.4	27.8	26.9	26.3	26	25.6	28.4
34.2	34.2	**34.3**	33.8	31.9	30.5	29	28.4	27.9	26.9	26.2	26.3	29
32.1	32.8	**33.1**	32.2	30.7	29.3	28.3	27.6	27	26.5	26.1	25.6	28

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	76	79	77	80	**81**	**81**	72	60.5	49	52	55	53
2	79.5	78	80	82	**82.5**	81	72	60.5	50	55	53	46
3	82	**85**	80	84	81	83	75	61	54	**49**	54.5	54
4	86	85	87	87	89	90	79.5	76	72	66	62	62
5	**97**	96	91	95	95	96	87	80	74	69	68	73
6	84	88	91	94	**96**	95	85	73	71	70	75	66
7	88	89	**90**	89	**90**	**90**	83	84	73	73.5	68.5	67
8	83	85	88	90	**91.5**	91	85	77	77	73	68	70
9	87	87	89	91	94	**96**	91	92	82	84	73	68
10	83	**87**	83	79	79	85	83	72.5	73	75	69	64
11	79	80	80	81	80	**83**	72	65	59	59	62	56
12	**82**	80	79	79	78	81	**82**	75	70	60	53	54
13	76	76	77	77	81	**84**	81	76	66	69	67	63
14	87	88	**89**	88	87	**89**	84	80	73	71	66.5	65
15	83	84	85	87	91	92	**93**	86	73	66	63	60
16	88	**90**	89	87	89	86	82	76	72	71	69	60
17	80	84	88	88	86	**89**	86	72	66	65	64	66
18	87	88	90	89	88	**91**	84	70	66	74	68	68
19	80	81	82	86	88	**90**	82	70	59	65	65	59
20	77	80	**81.5**	80	79	81	77	69	61	**57**	63	62
21	82	**87**	**87**	86	86	86	81	71	61	66	69	62
22	77	73	71	71.5	76	77	71	68	62.5	60	62	66
23	91	93	94	95	95	**97**	87	79	67.5	60	58.5	54
24	86	**88**	86	**88**	87	**88**	83	71	68	65	57	51
25	75	76	78	78	**81**	79	72	62	62	60	56	54
26	78	82	81	83	85	**87**	76	61	54.5	49	45	42
27	78	79	81	83	83	**84**	79	63	64	67	64	57
28	82	82.5	**85**	**85**	81	81	71	58.5	64.5	59	50	51
29	77	81	80.5	**83**	**83**	82	72	59	53	52	**49**	51
30	73	70	73	76	75	**77**	71	63	58	48	46	42
Mean	82.1	83.4	83.8	84.7	85.3	**86.4**	80	71	65.2	63.6	61.4	58.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	15.1	14.7	14.1	**13.9**	14	14.2	15.6	16	16	15.5	16.7	**17.3**
2	16.7	15.8	15.8	15.4	15.1	**14.4**	16	16	15	17.4	**18.4**	17.1
3	16.6	16.2	15	15.2	14.3	**14**	14.6	16.2	15.4	15.6	17.4	18.1
4	19	18.6	18.4	**18.1**	18.3	18.7	18.7	20.6	20.7	20.4	20	21.3
5	21.5	21.2	20.3	20.3	19.9	19.7	21.2	21.5	**22.5**	21	21.1	**16.5**
6	19.6	**19.5**	20.1	20.3	20.1	19.9	21.1	20.2	20.2	21.4	21.1	23.2
7	20	19.8	19.7	19.3	19.2	**19**	19.7	21	20.1	20.4	20.9	21.1
8	20.6	20.7	20.8	20.9	20.9	20.5	20.8	21.6	22.2	22.1	22.1	21.2
9	20.2	20.2	20.6	20.4	20.7	20.8	22.4	21.9	21	**22.6**	21.6	20.6
10	19.7	20	18.8	18.2	18.2	18.6	19.4	19.3	19.6	20.2	20.1	20.1
11	18	18	17.8	17.6	17.3	**17.1**	18.3	18.5	17.9	19.1	19.4	18.7
12	19.1	18.5	18.5	18.4	18.6	18.6	19.8	19.6	**20.6**	19.5	18.8	19.2
13	19.8	19.5	19.6	19.5	19.9	20.1	20.5	20.6	21.2	21	21.3	21.2
14	20.2	20	20.1	19.5	**19.1**	**19.1**	21.2	**22.8**	22.6	21.9	21.5	22.1
15	19.9	20.5	21	20.9	21.3	21.6	**22.5**	22	21.5	21.5	22	20.4
16	20.5	20.7	20.3	19.6	19.2	**18.7**	20.6	20.9	21.9	22	22	20.8
17	**20.4**	20.7	21.1	20.8	20.9	21	22	21.8	21.5	20.5	21.3	22.8
18	20.7	21.1	21.3	20.9	20.4	20.6	**22.3**	21	**22.3**	21.9	21	21.7
19	18.9	18.6	18.3	18.7	18.9	19.2	20.8	20.6	19.2	20.8	20.5	19.6
20	**18.2**	18.3	**18.2**	18.4	18.6	19.2	20.4	20.1	20.8	20	20.3	21.2
21	19.9	20.2	19.7	19.4	19.3	19.2	21	22.2	22	**22.9**	**22.9**	22.2
22	17.9	17.8	**17.5**	**17.5**	18	17.9	19.1	20.8	21.9	21.6	22.1	**22.6**
23	20.8	21	21.6	21.3	21	21.7	23.2	**23.3**	22.8	21.3	21.7	20.9
24	22.2	21.6	20.9	20.6	20.2	20.5	21.5	21.7	23.4	**23.6**	22.3	21
25	17.8	17.7	17.4	**16.8**	17	**16.8**	18.5	18.9	19.7	19.4	19.4	20
26	19.9	19.4	18.6	18.4	18	18.1	**20.5**	19.6	19.6	19	18.1	17.3
27	18.9	18.6	18.3	18.3	18.3	18.1	19.8	19.3	21	21	20.4	**21.5**
28	18.9	18.9	18.8	18.4	17.5	**17.2**	19.4	18.3	**20.8**	20.3	19.2	20.2
29	18.2	17.9	17.4	17.4	17.4	**17**	18.8	18.2	17.3	18.4	18.8	20.3
30	17.8	16.9	16.7	16.6	16.1	16	18.4	**19.2**	18.7	17.8	17	16.3
Mean	19.2	19.1	18.9	18.7	**18.6**	**18.6**	19.9	20.1	**20.3**	**20.3**	**20.3**	20.2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
50	39	**38**	41	41.5	57	62	64	65	68	72	**77**	62.1
46	**45**	**45**	47	50	60	65	69	68	70	68	76	63.7
52	54	55	50	57	66	67	71	73	77	78	83	67.7
57	59	**55**	89	91	92	93	92	92	92	96	**97**	**81.1**
79	65	65	64	**61**	70	75	78	81.5	86	85	83	79.7
66	**64**	65	68	73	77	86	85	78	84	86	87	79.5
66	**64**	65	**64**	66	74	79	82	81	80	77	79	77.6
88	64	**59**	59.5	66	63	69	76	82	84	81	87	77.4
64	62	70	**59**	62	64.5	68	70.5	75	76	79	84	77.8
62	68	57	**56**	62	63	66	68	68	74	76	78	72.1
53	54	**49.5**	52	59	65	66	71	72	73	76	77	67.6
52	**50.5**	51	53	65	70	68	72	74	73	76	76	68.9
57.5	57	**55**	66	67	70.5	74	70	76	77	80	**84**	72
62	**54**	55	59	68	73	77	78	79	79.5	82	81	75.6
59	61	**54.5**	68	74	71	77	80	84	83	87	89	77.1
58	56	57	**54**	72	73	75	71	73	73	76.5	82	74.1
60.5	**58**	**58**	62	72	76	79	81	79	79	80	83	75.1
54	**51**	52	65	65	67	59	64	66	69.5	71	77	71.8
55	59	64	56	61	61	63	67	71.5	74	77	72	70.3
62	**57**	61	59.5	69	65	70	74	75	75	77	81	70.5
58	58	**55**	56	63.5	68	71	74	69	67	77	79	71.6
60	64	55	**50**	54	54	60	84	85	88	90	**92**	69.6
52	**50.5**	52	56	61	63	68	71	74	79	80	83	73.4
44	**41**	42	44	50	50	54	60	65	70	69	75	65.9
58	56	**50**	**50**	55	56	64	67	72	73.5	75	77	66.1
39	35	**34**	36.5	38	44	50	59	68	68	65	73	**59.7**
50	46	**42.5**	43	45	54	63	67	69	76	77	81	66.5
47	**45**	47	49	53	54.5	65	66	68	71	75	76	65.3
53	53	54	55	60	61	66	65	67	71	69	74	65.4
40	41	**40**	42	46	56.5	61	62	63	69	73	74	60
56.8	54.4	**53.4**	55.8	60.9	64.6	68.7	72	73.8	76	77.7	80.6	70.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.2	15.6	15.1	15.7	14.5	17.1	17.2	16.6	16.3	16.4	16.7	**17**	**15.8**
17.4	17	17.2	17.5	17	18.2	18.3	**18.4**	17.6	17.3	16.4	16.4	16.7
18	20.2	**20.5**	18.5	19.5	20	19.4	19.7	19.6	20	19.5	19.7	17.6
20.2	21.4	**22**	19.6	21.1	21.4	21.7	21.7	21.8	21.9	**22**	21.7	20.4
19	21.9	21.7	21	18.8	19.8	20.1	20.3	20.3	20.7	20.4	19.9	20.4
21.5	22.5	**23.7**	20.3	20.5	21.1	22.7	22.7	20.2	20.8	20.6	20.3	21
21.2	22	21	22.5	22.6	22.6	**22.8**	22.7	22.4	22	20.2	20.3	20.9
24.4	23.2	22.4	21	21.7	**19.3**	**19.3**	19.9	20.4	20.4	20.2	20.7	21.1
21	20.1	21.6	18.5	18.7	17.8	**17.7**	18.1	18.8	18.9	19.5	20.3	20.2
19.7	**22.1**	20.8	19.5	18.9	18.2	17.9	**17.6**	**17.6**	18.4	18.2	18.3	19.1
18.1	**19.7**	18.9	18.4	**19.7**	19.2	18.3	18.8	18.7	18.6	19.1	18.9	18.5
18.8	**18.1**	18.7	18.8	20.5	**20.6**	19.4	19.7	19.9	19.4	19.8	19.6	19.3
20	20.3	19.9	**22.6**	21.1	20.4	19.6	**18.1**	19.6	19.4	19.2	19.7	20.2
21.8	19.5	19.8	21.1	21.9	21.4	22	21.9	21.3	20.4	20.9	20.1	20.9
21.8	21.7	**19.6**	20.6	22.3	20.9	21.4	21.7	22	21.3	21.6	21.4	21.3
20.6	20.5	21.5	20.8	**23.5**	21.4	21.5	19.8	19.7	19.2	19.7	20.4	20.7
21.1	20.8	21.3	22.4	**23.2**	22.4	22.2	22.7	21.9	21.6	20.9	21.5	21.5
19.9	18.2	17.6	20.6	20.2	19.7	**17.4**	17.9	18.1	18.3	18.6	19.2	20
19.6	20.6	**21.1**	20.5	20.3	19.3	18.5	18.5	18.7	19.1	19.1	**18**	19.5
22.5	21.7	22.3	22.7	**23.3**	20.5	20.7	20.6	20.2	20	20.1	20.4	20.4
22.2	22.7	21.7	21	20.9	20.6	20.6	20.6	18.5	**17.3**	18.7	18.3	20.6
21.9	22.3	21.8	19.4	19.2	**17.5**	**17.5**	20.2	20.7	20.8	21.2	21.3	19.9
20.9	**20.4**	21.1	22.4	21.1	21.3	22	22.2	22.2	23.1	22.5	22.3	**21.8**
18.2	17.3	17.4	17.4	17.5	**16.8**	17	17.7	18.2	18.6	18.4	18.5	19.7
22.1	**22.2**	20.5	20.2	20.6	18.9	20.2	20.2	20.5	20.4	20.2	20.1	19.4
16.1	14.9	**14.4**	15.2	14.5	14.6	15.7	17.2	19	18.4	17.6	18.8	17.6
20.8	19.3	17.6	17.4	**16.3**	17.3	18.7	18.5	18.6	19.3	18.9	18.8	19
18.7	18.1	19.3	18.7	18.9	18.1	20	19.3	18.7	18.3	19.5	19	18.9
20.7	20.3	20.6	19.6	19.9	19	18.9	18.1	17.5	18.1	17.4	18	18.5
16	16.4	**16**	16.5	16.2	18.3	18.1	17.9	17.7	18.1	18.5	18.9	17.3
20	20	19.9	19.7	19.8	19.5	19.6	19.6	19.6	19.6	19.5	19.6	19.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
2	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
3	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
4	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
5	-----	S.-Cu.	A.-Cu.	S.-Cu. E	Ci.-Cu.	Cu. E	-----	Cu.	-----	Cu.-N.
6	Ci.	Cu.	-----	Cu.	-----	Cu. E	-----	Cu.-N. E	-----	Cu. E
7	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
8	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.-N.
9	-----	N.	-----	Cu.-N. E	-----	N. E	-----	Cu. E	-----	N.-cf.
10	A.-Cu.	Cu.	A.-Cu.	Cu. E	-----	Cu.-N. E	-----	Cu.-N. E	Ci.	Cu. E
11	-----	Cu.	-----	Cu.	-----	Fr.-Cu.	-----	Cu.	-----	Cu.
12	A.-Cu.	S.-Cu.	A.-Cu. NE	S.-Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
13	A.-Cu.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
14	-----	Cu.	Ci.-S.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
15	A.-Cu.	S.-Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.
16	-----	Cu.	-----	Cu.	-----	Cu. E	-----	Cu.	-----	Cu.
17	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
18	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.-N.
19	-----	Cu.	A.-Cu.	Cu.	-----	Fr.-Cu. E	-----	N.-cf. E	-----	Cu.
20	-----	Cu.	Ci.	Cu.	-----	Cu.	-----	Cu.	A.-Cu.	Cu. E
21	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
22	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu. E
23	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	-----	Cu.	-----	Cu.
24	-----	Cu.	-----	Cu. E	-----	Cu. E	-----	Cu. E	-----	Cu.
25	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu. E
26	-----	Cu.	-----	Cu.	-----	S.-Cu.	-----	Cu.	-----	Cu.
27	Ci.	Cu.	Ci.	Cu.	-----	Cu. E	Ci.	Cu. E	Ci.	Cu. E
28	-----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
29	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	-----	Cu. E
30	Ci.	Cu.	-----	Cu.	Ci.	Cu.	-----	Cu. E	Ci.	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
2	-----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
3	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
4	-----	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N.	-----	Cu.-N.	Ci.-S.	N.-cf.
5	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
6	-----	Cu.-N. E	Ci.	Cu.-N.	Ci.	Cu.-N.	-----	Cu.-N.	-----	Cu.-N.
7	-----	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.	Cu.
8	-----	Cu.-N.	-----	Cu. E	-----	Cu. E	-----	Cu.-N. E	Ci.	Cu.-N.
9	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	-----	Cu.-N. E	A.-Cu. E	Cu.
10	-----	Cu. E	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu. E
11	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
12	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
13	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.-N.	Ci.-S.	Cu.-N.
14	-----	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.-N.
15	-----	Cu.-N. E	-----	Cu.-N. E	Ci.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
16	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	Ci.-S.	Cu.
17	-----	Cu.	-----	Cu.-N.	-----	Cu.	-----	Cu.	-----	Cu.-N.
18	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
19	-----	Cu. E	-----	Cu.-N. E	-----	Cu.-N.	-----	Cu.	-----	Cu.
20	A.-Cu.	Cu. E	-----	Cu.	A.-Cu.	Cu. E	-----	Cu. E	-----	Cu.
21	-----	Cu. E	-----	Cu.	-----	Cu. E	-----	Cu. E	Ci.-S.	Cu. E
22	Ci.	Cu. E	-----	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
23	Ci.	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.
24	-----	Cu.	-----	Cu.	-----	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
25	Ci.	Cu. E	-----	Cu.-N.	-----	Cu.	-----	Cu.-N.	-----	Cu.-N.
26	-----	Cu.	-----	Cu.	-----	Cu.	-----	Cu.	Ci.-S.	Cu.
27	Ci.	Cu. E	Ci.	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.
28	-----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
29	Ci.	Cu.	-----	Cu.	-----	Cu.	Ci.	Cu.	Ci.	Cu.
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 0.5	ESE 0.5	ESE 0.5	ESE 0.5	Calm	NE 0.5	NE 0.5	NE 0.5	W 2.5	W 3.5	WNW 4.5	W 4
2	ESE .5	Calm	Calm	ENE 1	ENE 0.5	E .5	ENE .5	E .5	Calm	SW 1	SE 5	SE 4
3	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	WNW 3	WNW 2.5	WNW 6	W 3
4	NNE 1	NE 1	NE 1	Calm	NNE .5	Calm	NE .5	NE .5	WSW 2.5	WNW 5	WSW 3	WSW 3.5
5	Calm	Calm	NE 1	Calm	Calm	E .5	NE .5	Calm	SSW 1	WNW 1.5	W 3.5	ENE 12
6	E 2	ENE 1	ENE 1	Calm	Calm	NE 1	Calm	Calm	WNW 1	WNW 3.5	NW 4	NW 2
7	N 2	N 1	N .5	N 1	NNE 1	NE .5	NE .5	Calm	WNW 2	WSW 2.5	WSW 1.5	WSW 5.5
8	N 2.5	N 2	Calm	Calm	Calm	NE 1	NE 1	S 3	SW 1.5	W 3	W 3.5	W 3.5
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	SSW 1	SW 2.5
10	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W .5	SW 2	WNW 2.5	W 3	WSW 2.5
11	Calm	Calm	Calm	Calm	Calm	Calm	ESE .5	E 2	Calm	W 3	WNW 1.5	NW 1.5
12	E 1	ESE 1	SE 1	SE 1	SE 1.5	ESE 1.5	ENE 1	Calm	Calm	Calm	SbyE 3	SW 2
13	SE 2	SE 2	ESE .5	Calm	Calm	Calm	Calm	Calm	Calm	NNW 2.5	WNW 2.5	WNW 4
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	EbyN .5	SW 1.5	W 2.5	W 3.5	W 4
15	Calm	Calm	Calm	NW 2.5	NNW 2	Calm	Calm	Calm	Calm	SE 2	SE 5	SSE 3
16	Calm	Calm	Calm	Calm	NE .5	NE .5	Calm	NE .5	SW 2	W 5	W 4	WSW 5.5
17	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 3	WSW 4.5	WbyS 4
18	ENE 1	Calm	Calm	Calm	Calm	E .5	EbyS .5	EbyS .5	WSW 1	WNW 4	WbyN 3	NNW 1
19	NE 1	NE 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	WNW 3.5	WNW 3
20	Calm	Calm	ENE .5	NE 1.5	NNE 1.5	NE 1	NNE 1	N 2	Calm	NW 1	WSW 4	WSW 3.5
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E 2.5	SW 1	WbyN 4	ESE 3
22	Calm	NNE 3.5	NNE 2.5	NNE 3.5	NNE 1.5	Calm	NNE 1	Calm	ESE 2.5	NNW 2	WSW 3.5	WSW 4
23	Calm	Calm	Calm	Calm	Calm	ESE 1	ESE .5	Calm	E 2	SE 4	SE 4.5	SE 7
24	ESE 1	Calm	ENE .5	Calm	E .5	Calm	Calm	Calm	SW 1.5	WSW 2	SE 1.5	SE 8.5
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2	W 3	WNW 4.5	W 4.5
26	SE 2	NE 1.5	NNE 1.5	NNE .5	E .5	Calm	Calm	ESE 1	Calm	SEbyE 3.5	SE 5	SSE 12
27	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 3	WNW 4.5	WNW 4	SE 6.5
28	Calm	Calm	Calm	NE 1	NE 1	NE .5	NE .5	Calm	SW 3.5	SW 2	SE 2	SE 5.5
29	ENE 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1	E 4	SSE 3	SSE 4.5
30	ESE 1.5	ESE 1.5	ESE 1	ENE 1	NE 1	E .5	Calm	Calm	ENE 1	E 3	ESE 6.5	ESE 6.5
Mean	0.7	0.6	0.4	0.4	0.4	0.3	0.3	0.4	1.3	2.6	3.6	4.5

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 4	SE 9.5	SE 7.5	SE 6.5	SE 3.5	SE 6.5	SE 4	ESE 2	SE 2	SE 2	SE 2	ESE 1.5	2.9
2	SE 6.5	SE 4.5	SE 5	SE 6.5	SE 5	SE 3	SE 3.5	SEbyS 3	SE 3.5	SE 2	SE 3	Calm	2.5
3	WNW 3	WSW 2.5	SW 2.5	SE 5	SE 3.5	SE 4	SE 2	SE 4	SE 3.5	ESE 2	SE 2.5	SE .5	2.1
4	W 2	SW 2	SSE 8	NNE 6.5	NE 1	Calm	SSE 2.5	ESE 1	NNE 1	Calm	Calm	Calm	1.8
5	N 2	ENE 3.5	SE 4	ESE 3.5	ESE 2	Calm	ESE 2	ENE 1	Calm	Calm	Calm	SE 1	1.6
6	WNW 3.5	WNW 3	W 1.5	NNE 4	NE 2	SW 1	N .5	N 1	NbyW 4	NbyW 4	N 2.5	N 2.5	1.9
7	W 3.5	WSW 5.5	WSW 5.5	WSW 4	SW 2	Calm	Calm	Calm	Calm	Calm	Calm	N 2.5	1.7
8	WNW 1.5	Calm	SE 2	ENE 1.5	NNE 2	E .5	NE 2	Calm	Calm	Calm	Calm	Calm	1.3
9	ENE .5	NE 1	W 1.5	E 3	E 2	E 2	E 2	ESE 2	Calm	Calm	Calm	Calm	.8
10	W 2	WSW 2.5	SSE 3	SE 4	SE 3	ESE 3	ESE 3	ESE 2	ESE 2	Calm	Calm	Calm	1.5
11	WNW 4.5	WNW 3.5	SSE 6	SSE 5.5	SE 3.5	SE 3.5	ESE 3.5	SE 3	ESE 2	SE 1	SE 2	SE 1.5	2
12	WSW 2	WSW 2	W 3.5	WNW 3.5	SW 4.5	SW 3.5	SSE 2	SSE 1	SSE 1.5	SE 2.5	SE 1.5	SE 1.5	1.8
13	WSW 3	W 3.5	W 7	WSW 4.5	SW 6.5	SW 5.5	SE 6.5	SE 2	SE 1	Calm	Calm	Calm	2.2
14	W 3	W 4.5	W 4.5	WSW 7	SW 4	SW 4	SW 4.5	SSW 2	SE 1	Calm	Calm	Calm	1.9
15	SSW 3.5	E 1	E 4	S 4.5	S 3	SSE 2	SSE 1	SSE 2	SSE .5	SE .5	Calm	Calm	1.5
16	W 4.5	WbyS 2.5	WbyS 3.5	W 3.5	SW 5	SWbyS 4.5	SSW 1.5	SSE 2.5	SEbyS 2.5	SE 2	SE 2	Calm	2.2
17	W 3	WNW 4	WSW 4.5	WSW 5	SW 3.5	SW 4	SW 3	SW 4.5	SSW 3.5	S 2.5	SSE 1.5	SSE .5	2.1
18	SE 4.5	SEbyS 5	SE 7	NE 1	ENE 1.5	Calm	ESE 2	SE 2.5	SE 2.5	SEbyE 2	SE 2	E 1	1.8
19	WNW 2	W 3.5	SE 3.5	SSE 4	SE 2	NE .5	ESE 2	ESE 1.5	SE 1.5	SE 2	ESE 1.5	Calm	1.4
20	ESE 3.5	ESE 2.5	Calm	SE 6.5	SE 4.5	SE 3	ESE 3	SE 2.5	SE 1.5	SE 2	SE 1	Calm	1.9
21	E 7	SE 3	SE 6.5	SE 3	SE 3	SE 2.5	SE 3	ESE 4.5	ESE 3	ESE 2	ESE 1	E 1.5	2.1
22	WSW 4.5	SSW 4.5	Calm	Calm	NE 3.5	E 3	ESE 2	Calm	Calm	Calm	Calm	Calm	1.7
23	SE 6.5	SE 2	SE 3	SE 4	SE 2.5	SE 2	SEbyS 1	SSE 2	SSE 2	Calm	Calm	ESE 1	1.9
24	SE 6.5	SE 5.5	SSE 8.5	SSE 6.5	SEbyS 8.5	SE 6	SE 3	SE 2.5	SEbyE 3	SEbyE 2	SEbyE 2.5	NE 1	3
25	W 6	W 1.5	SSE 2	SE 1.5	SE 1.5	SE 5	SE 3	SE 3	SE 2.5	SE 2	SE 2.5	SE 2.5	2
26	SSE 11.5	SEbyS 9.5	SE 7.5	SE 5	SE 6.5	SE 3.5	SE 2	ESE 2.5	ESE 2	ESE 2	ESE 1	ESE 1	3.4
27	SE 6	SE 4	SSE 4	SSE 2.5	SE 2	SE 6.5	SE 4	SE 5.5	ESE 3.5	SE 1.5	SE 1	Calm	2.4
28	SE 6	SE 7.5	SEbyS 6	SE 8.5	SE 5	SE 4.5	SE 3.5	SE 3.5	SEbyE 2.5	SE 2	SE 2	ESE 2	2.9
29	SSE 7	SE 6	SE 4	SE 4.5	SE 5	ESE 2	ESE 2	EbyS 1.5	ESE 1.5	ESE 1.5	ESE 1	ESE 1	2.1
30	SE 9.5	SEbyS 8.5	SE 6.5	SE 6.5	SE 3	SE 3	E 3	ESE 2.5	ESE 2	SE 2	SE 2.5	ESE 2	3.1
Mean	4.4	3.9	4.4	4.4	3.5	3	2.6	2.2	1.8	1.3	1.2	0.8	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3.5	2	2	2.5	1.5	1	1	4.5	3.5	11.5	20.5	15.5
2	4	1.5	1	1	1	3	2	1	2.5	6	13	17.5
3	.5	.5	1.5	1	3.5	2.5	3	.5	8	12.5	19.5	15
4	3	2	2.5	2	1	2	4.5	1.5	7.5	11.5	16.5	14.5
5	2	1.5	4.5	2	1	.5	1	3	2	9	13	**20**
6	8.5	5.5	4.5	0	2	2	2	1	8	10	**17**	12
7	8	3.5	1	3	4	3	1	.5	3.5	8	11.5	16.5
8	10	7	2.5	2.5	3.5	3.5	4	3	7	9	12	11
9	0	.5	.5	4.5	1	1	0	0	0	2	6	5.5
10	0	0	0	1	4	1	0	1	5	7	5.5	6
11	1	.5	1	0	0	0	.5	6.5	8	6	17	10
12	3	4	4	4.5	7.5	7	4.5	4	4.5	8	7.5	10.5
13	5	5.5	3	1	1	0	0	2	2	7.5	16	12.5
14	.5	.5	0	.5	.5	.5	0	2.5	2	8	13	12
15	0	0	1	10	6	1	2	1	1.5	6.5	10.5	4.5
16	1.5	0	0	0	1	2	.5	.5	4.5	9.5	14	11
17	4	4	3	0	2	0	1	2	3	7	13.5	11.5
18	2	2	0	1	1	1	2	2	2	10	13	5
19	5	5.5	2.5	1.5	1.5	0	.5	1.5	4	8	18.5	16
20	1	.5	1	6	6	6	4.5	7.5	4.5	4	15.5	9.5
21	.5	.5	0	1.5	1	1	1	.5	4	4.5	14	12
22	4	3	9.5	5.5	7	2.5	7.5	9.5	6.5	6	**17**	13
23	.5	.5	1	2	3	3	6	7	8	15	**22**	16
24	3	1.5	2.5	.5	1	3	1.5	.5	4.5	7	10	14
25	1	2	2	4	5	3	3	0	6	11	19	14
26	7.5	5	4.5	2	1	1	0	5	9	11.5	**23**	21
27	3	0	1.5	1.5	3	3	3	2	3.5	9.5	18	13
28	.5	1	1.5	1.5	3.5	3.5	1.5	1.5	2.5	11	15	16
29	6	3	3	1.5	2	2	.5	2	5	5	10	20
30	8	8	7	6	6	4	1	1	6	10	21	22
Mean	3.2	2.4	2.3	2.3	2.7	2.1	**2**	2.5	4.6	8.4	14.7	13.2

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	1	1	1	4	3	3	4	1	3	2	2	3	2.3	10	35
2	1	1	0	0	1	3	2	2	2	2	2	2	**1.5**	10	35
3	1	1	0	1	1	2	1	3	3	5	2	4	2	10	20
4	0	1	1	1	1	1	1	4	9	10	9	10	4	7	05
5	2	4	6	4	4	9	7	7	8	8	8	6	6.1	4	00
6	3	3	2	6	10	4	7	7	7	10	9	10	6.5	7	10
7	8	10	8	3	2	2	4	5	8	6	5	7	5.7	6	30
8	2	2	2	3	4	8	9	6	4	5	4	5	4.5	7	30
9	8	10	10	10	6	8	5	8	9	8	8	8	**8.2**	**3**	**00**
10	8	5	9	10	9	9	8	5	3	5	8	6	7.1	4	10
11	2	2	2	2	2	4	4	3	3	3	2	2	2.6	10	10
12	8	8	8	6	5	3	2	2	4	4	5	5	5	7	00
13	8	8	4	4	2	2	2	3	3	3	4	9	4.3	8	30
14	1	1	4	4	2	2	2	4	4	5	6	7	3.5	10	45
15	8	7	6	6	6	6	6	5	8	8	8	9	6.9	7	00
16	0	0	2	4	3	4	3	2	2	2	2	3	2.2	10	30
17	4	2	4	5	4	4	4	3	3	2	3	3	3.4	10	05
18	3	5	6	6	7	7	4	8	8	9	7	9	6.6	5	35
19	1	2	3	6	8	6	5	4	4	3	3	2	3.9	9	20
20	2	2	3	4	6	7	10	8	6	6	4	2	5	9	30
21	4	4	5	9	10	9	8	3	4	6	7	10	6.6	8	25
22	6	4	4	4	5	6	7	7	9	9	10	10	6.8	7	35
23	3	3	4	5	3	3	4	3	2	3	4	5	3.5	9	55
24	5	2	4	3	4	4	3	2	2	3	2	2	3	9	40
25	1	1	3	3	3	4	5	3	2	3	4	6	3.2	**11**	**25**
26	1	1	1	3	3	3	2	2	1	1	1	1	1.7	**11**	**25**
27	4	4	2	4	4	6	5	3	2	6	4	3	3.9	10	00
28	4	1	3	2	3	4	3	6	6	5	5	6	4	10	20
29	6	4	4	6	7	4	5	3	3	4	5	8	4.9	10	20
30	1	5	4	4	4	5	7	5	5	5	5	7	4.8	10	50
Total														259	15
Mean	**3.5**	**3.5**	3.8	4.4	4.4	4.7	4.6	4.2	4.6	5	4.9	**5.7**	4.5	8	38

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
17	14.5	**21**	17	17.5	16	15.5	9.5	7	8	6.5	5	9.3
20.5	17	20	18	18	15	12	11	13	9	12	3.5	9.3
14	11	9	20	**20.5**	18	18	16.5	13	11.5	7	4.5	9.6
15.5	11	14.5	**30**	8	3	2	2	5	.5	0	1	6.7
9.5	9.5	11	12	12	6	6	5	2	2.5	3.5	5.5	6
16	13	8	**17**	12	9	3	1	15	15	11	10.5	8.5
14	13.5	**17.5**	15	7	7	4	0	1.5	4.5	4	10	6.7
11	2	14	**15**	10.5	4.5	6.5	1.5	0	0	0	.5	5.9
1.5	5.5	5.5	10	**13**	11	11	5	2	3	1.5	.5	**3.8**
12.5	9	11	18	**22**	12	12	8	8	3.5	2.5	1.5	6.3
13	10	13.5	**20**	17.5	18	15	12	8	5	10	8	8.4
10	10.5	13.5	15	18.5	**19.5**	10.5	5.5	2	7	6	5.5	8
8.5	10	15.5	15.5	**23**	21	16	15	8	4	1.5	.5	8.1
15	15	19	18	**22**	20	18	10	7	2	1.5	.5	7.8
7.5	7.5	**14**	11.5	13.5	10.5	13.5	11.5	5	3	2	0	6
13	12	8	9	18	**19**	9	9	9	8	8	1	7
14	14	12.5	**18.5**	18	17	13.5	14.5	12	9.5	8	3.5	8.6
9	**16.5**	10.5	10	10	3	11	9.5	8.5	8	8	4	6.2
16	14.5	11	**24**	21	12	10	5.5	6.5	7	7.5	9.5	8.7
7.5	12.5	10	11.5	16	**17**	10.5	8.5	6	7	5.5	3	7.5
18	17	**24.5**	18	20.5	16	11.5	17.5	15	11	4.5	4.5	9.1
14	12	7	14	10	9	13	7	3	4.5	3.5	1	7.9
18	14.5	14	16	12.5	13	9	7	7	4.5	2.5	1	8.5
19	20	22	20	**24**	21	15	10	11	6	10	5	9.7
12.5	10	18	**21.5**	19.5	15	15	13	8.5	8	7.5	8	9.4
22	20	**23**	16	17	15	11	10	6	5	5	5	10.2
17	16	**20**	**20**	**20**	**20**	17	14	16	7	5	2	9.8
21	20	18.5	**26.5**	25	19	15	15	9	5.5	8	7.5	10.4
24	28	30	**34**	28	15	15	11	8	8	9	8	11.6
25	23.5	24.5	22	22	16	10.5	10.5	9.5	6.5	7	8.5	**11.9**
14.5	13.6	15.4	**17.8**	17.2	13.9	11.6	9.2	7.7	6.1	5.6	4.3	8.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1			3			6	9						4	1			1	223.5	8	
2				3	2	1	12	1			1						4	222.5	7.4	
3			1			1	8				1	1	1	4			7	231	7.2	
4		4	5			1		2			1	3	1	1			6	161	**3.5**	8.6
5	1		2	3	1	3	2			1			1	1			9	144	3.7	**26.2**
6	6	1	2	2	1						1		1	4	2		4	203	4.3	
7	5	1	2								1	6	1	1			7	161.5	4.6	
8	2	1	3	1	1		1		1		1		3	1			9	140.5	**3.5**	4.4
9			1	1	4	1				2	1		1				13	**90.5**	4.1	1.3
10						4	2	1			1	2	3	1			10	150.5	5.8	
11					1	3	6	2					1	3	1		7	200.5	7.1	
12				1	1	2	6	3	1		3	2	1	1			3	192.5	6.4	
13						1	5				2	2	2	2		1	9	194	5.5	
14					1		1			1	4	1	6				10	188	5.2	
15					2		3	5	2	1					1	1	9	143.5	4.8	10.8
16			3				2	2		1	3	1	6				6	167.5	5.5	
17								2	1	1	4	4	2	1			9	206	5.2	
18			1	2	2	3	6	1				1		2		1	5	149	5.2	
19			3			3	4	1					1	4			8	209	6.2	
20	1	2	2	1		3	7					2			1		5	181	5.2	.3
21					3	5	6				1			1			8	218.5	6.7	
22		5	1		1	2				1		3				1	10	189	5	1.5
23					1	3	9	3									8	203	6.6	.3
24			1	1	1	1	10	3			1	1					5	232	7.5	
25							9	1					5	1			8	226.5	7.2	
26		2	1		1	6	8	3									3	245.5	**9.4**	
27						1	9	2			1			2			9	235	7.6	
28			4			1	12	1			2						4	249	8	
29		1		1	1	7	4	3									7	278	8.2	
30			1	2	3	8	7	1									2	**285.5**	9.1	
Total	15	17	36	18	27	66	148	37	5	8	29	29	40	31	5	4	205	5,921	183.7	53.4
Mean	0.5	0.6	1.2	0.6	0.9	2.2	4.9	1.2	0.2	0.3	1	1	1.3	1	0.2	0.1	6.8	197.4	6.1	1.8

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	760. 85	8. 55a.	34. 9	2. 15p.	81	**17.3**	757. 50	4. 00p.	**19.2**	5. 15a.	38	**13.9**
2	61. 51	9. 00a.	35	2. 50p.	82. 5	18. 4	58. 55	3. 05p.	20. 2	6. 05a.	45	14. 4
3	62. 05	9. 05a.	34. 8	2. 55p.	85	20. 5	58. 83	4. 00p.	19. 3	5. 50a.	49	14
4	61. 60	9. 10a.	35. 5	3. 05p.	**97**	22	58. 49	3. 00p.	22. 5	4. 45a.	55	18. 1
5	61. 85	9. 15a.	33. 4	2. 45p.	**97**	22. 5	58. 75	4. 00p.	21. 7	0. 10p.	61	16. 5
6	61. 35	9. 30a.	34. 1	2. 50p.	96	23. 7	57. 70	3. 15p.	23	5. 35a.	**64**	19. 5
7	61. 65	8. 15a.	33	3. 50p.	90	22. 8	57. 75	3. 20p.	22. 7	5. 55a.	**64**	19
8	62. 05	11. 00p.	34. 6	3. 15p.	91. 5	**24.4**	58. 75	3. 25p.	24	6. 15a.	59	19. 3
9	63. 46	10. 00a.	**32.6**	3. 20p.	96	22. 6	**60.55**	3. 15p.	23. 7	6. 00a.	59	17. 7
10	**63.53**	9. 00a.	33. 7	3. 15p.	87	22. 1	59. 65	3. 40p.	23. 4	5. 55a.	56	17. 6
11	62. 02	8. 00a.	34. 4	2. 20p.	83	19. 7	57. 80	4. 30p.	22. 9	6. 00a.	49. 5	17. 1
12	60. 99	9. 00a.	34. 6	2. 50p.	82	20. 6	57. 50	3. 05p.	24. 4	6. 20a.	50. 5	18. 1
13	60. 75	10. 45p.	34. 5	2. 55p.	84	22. 6	57. 60	3. 50p.	24. 8	11. 55p.	55	18. 1
14	61. 30	9. 25a.	34	2. 45p.	89	22. 8	58. 35	3. 45p.	23. 3	6. 05a.	54	19. 1
15	62. 30	9. 15a.	34. 4	0. 35p.	93	22. 5	59. 91	3. 00p.	24. 4	6. 15a.	54. 5	19. 6
16	62. 15	8. 40a.	35. 1	4. 15p.	90	23. 5	57. 99	4. 00p.	23	5. 50a.	54	18. 7
17	61. 05	8. 25a.	34. 1	3. 35p.	89	23. 2	57	4. 10p.	**25**	6. 00a.	58	**20.4**
18	60. 95	10. 20p.	35. 3	1. 45p.	91	22. 3	57. 85	3. 35p.	24. 4	6. 00a.	51	17. 4
19	61. 55	8. 35a.	34. 2	3. 15p.	90	21. 1	58. 20	3. 30p.	23. 3	5. 45a.	55	18
20	62. 75	9. 45a.	36. 1	3. 30p.	81. 5	23. 3	59. 95	3. 15p.	23. 4	3. 20a.	57	18. 2
21	63. 30	8. 45a.	35. 4	1. 15p.	87	22. 9	59. 65	4. 15p.	23. 7	5. 45a.	55	17. 3
22	62. 20	0. 05a.	35. 8	3. 50p.	92	22. 6	58. 20	3. 30p.	24. 3	5. 20a.	50	17. 5
23	61. 25	9. 10a.	35. 8	2. 45p.	**97**	23. 3	57. 60	4. 05p.	24	5. 00a.	50. 5	**20.4**
24	61. 13	9. 00a.	36. 5	1. 30p.	88	23. 6	57. 84	4. 00p.	23. 8	5. 20a.	41	16. 8
25	61. 23	9. 00a.	36. 2	2. 35p.	81	22. 2	57. 90	4. 00p.	23	5. 45a.	50	16. 8
26	61. 76	9. 00a.	**36.9**	3. 05p.	87	20. 5	58	4. 00p.	23	6. 00a.	**34**	14. 4
27	61. 50	8. 15a.	36. 5	2. 15p.	84	21. 5	57. 70	4. 10p.	23. 4	5. 55a.	42. 5	16. 3
28	60. 57	9. 00a.	36. 3	1. 25p.	85	20. 8	**56.70**	4. 35p.	23. 2	5. 40a.	45	17. 2
29	**59.70**	0. 10a.	35. 4	0. 05p.	83	20. 7	57. 10	4. 15p.	22. 8	5. 40a.	49	17
30	60. 80	8. 15a.	35. 7	1. 35p.	**77**	19. 2	57. 43	4. 00p.	22. 9	6. 00a.	40	16
Mean	761. 64	--------	35	--------	87. 9	21. 8	758. 23	--------	23. 1	--------	51. 5	17. 5

DAILY GENERAL REMARKS.

1----Gusty SE winds in the afternoon.
2----Somewhat gusty SE winds in the forenoon and afternoon.
3----Coloration of upper clouds at sunset.
4----☈° NE quadrant, ● in the afternoon; ⚡ W, WSW, in the evening.
5----Heavy thundershowers came from E, with some hail and gusts of 23 m. p. s. from WNW at noon; coloration of upper clouds at sunset.
6----d° 10.53 a. m., and 4.35 p. m.; ⊤ N, S quadrant in the afternoon; ⚡ NNW in the evening.
7----Cloudy weather.
8----● in the afternoon.
9----●° early in the morning; d° 12.15 p. m.
10----Overcast.
11----Fair weather.
12----Cloudy weather.
13----Coloration of clouds at sunset; ☈° ENE, S in the evening.
14----⚡ SE in the evening.
15----● early in the morning; ⊤ E, S, convergence of Ci. toward S in the afternoon.
16----Fair weather.
17----Cloudy weather.
18----⊕ in the afternoon; ⚡° S in the evening.
19----Cloudy weather.
20----●° in the afternoon.
21----Cloudy weather.
22----p° 1.53 p. m.; coloration of clouds at sunset; ● in the evening.
23----d early in the morning; coloration of clouds at sunrise.
24----Somewhat gusty SEly winds, ⊤° NNE in the afternoon; ⚡ NNW in the evening.
25----Cloudy weather.
26----Gusty SEly winds in the afternoon.
27----Coloration of upper clouds at sunset.
28----Convergence of Ci. toward E, somewhat gusty SE winds in the afternoon; ⚡ WSW, NW in the evening.
29----⌓ in the evening.
30----Gusty SE winds in the afternoon.

OBSERVATIONS FOR MAY, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.35	59.90	59.80	59.90	60.20	60.56	60.98	**61.37**	61.31	61.02	60.40	59.79
2	60.80	60.55	60.55	60.55	60.95	61.24	61.78	62.19	**62.23**	62.03	61.51	60.92
3	61.05	60.80	60.55	60.50	60.55	60.82	61.21	**61.87**	61.85	61.55	61.15	60.26
4	60.10	59.70	59.40	59.50	59.80	60.22	60.59	**60.79**	60.78	60.42	59.95	59.12
5	58.85	58.30	58.10	58.20	58.30	58.50	59.05	59.27	**59.40**	59.29	58.69	57.85
6	58.05	58.05	58.15	58.25	58.55	58.97	59.18	59.77	59.72	59.33	58.93	58.25
7	59.20	58.70	58.45	58.40	58.80	59.27	59.82	60.26	60.72	60.58	60.43	59.94
8	60.10	59.55	59.45	58.95	59.05	59.27	59.72	60.28	**60.40**	60.22	59.87	59.16
9	58.40	58.05	58	58	58.60	58.29	58.79	**58.89**	**58.89**	58.53	58.15	57.39
10	56.90	56.65	56.55	56.45	56.15	56.47	57.09	57.31	57.34	57.29	56.80	56.17
11	56.85	56.55	56.65	56.70	56.85	57.30	57.79	57.96	57.78	57.67	57.39	56.87
12	58.45	58.65	58.65	58.45	58.55	58.90	59.22	59.49	59.62	59.15	59.06	58.75
13	59	58.60	58.55	58.55	58.80	59.17	59.67	59.78	60.05	60.12	59.81	59.47
14	59.65	59.30	59	58.95	59.05	59.30	59.85	60.09	60.25	60.25	59.75	59.12
15	59.75	59.50	59.20	59.30	59.45	59.79	60.27	**60.43**	**60.43**	60.25	59.95	59.43
16	59.65	59.10	58.95	58.95	59.25	59.69	60.20	**60.48**	**60.48**	60.17	59.66	58.90
17	60.05	59.70	59.30	59.45	59.65	59.82	60.08	60.17	60.08	59.77	59.35	58.87
18	59.95	59.05	59.15	59.25	59.25	59.53	60.28	60.47	**60.62**	60.29	60	59.46
19	59.15	58.65	58.50	58.80	59.20	59.59	60.03	60.21	**60.75**	60.25	59.80	59.14
20	59	58.85	58.40	58.30	58.60	58.75	59.17	59.33	59.61	59.51	59.19	58.69
21	59.25	58.75	58.60	58.65	58.90	59.64	60.02	60.16	60.37	60.27	60.07	59.60
22	61.10	60.75	60.65	60.70	60.80	61.09	61.37	61.44	**61.56**	61.37	60.98	60.48
23	60.75	60.45	60.40	60.50	60.70	60.79	60.93	61.19	**61.55**	61.21	60.73	60.43
24	59.65	59.10	58.85	58.75	59	59.42	59.86	59.95	**60.01**	59.92	59.50	58.82
25	58.90	58.45	58.10	57.95	58.05	58.30	58.63	58.86	59.31	59.49	59.28	58.74
26	59.25	58.95	58.80	58.90	58.85	59.16	59.41	59.74	**60.11**	59.87	59.50	58.65
27	**58.35**	57.80	57.30	57.30	57.40	57.72	58.02	58.17	58.28	57.99	57.50	57.06
28	56.70	56.25	56.20	55.95	56.05	56.39	56.43	56.72	**56.92**	56.76	56.35	55.84
29	55.80	55.40	55.35	55.35	55.50	55.72	55.97	56.24	55.92	55.91	55.67	55.15
30	56	55.55	55.45	55.60	55.75	56.64	56.83	**56.87**	56.74	56.37	55.35	54.91
31	**55.75**	55.20	55.05	55	54.90	55.31	55.60	55.67	55.46	55.17	55.10	54.30
Mean	58.93	58.54	58.39	58.39	58.56	58.89	59.29	59.53	**59.63**	59.42	59.03	58.44

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.2	24.3	23.2	23.1	**22.5**	22.8	26.9	29.3	30.1	31.4	33.5	**34.3**
2	24.9	24.1	22.3	**21.4**	21.6	21.6	24.6	28.2	29.9	28.3	30.5	31
3	25.5	25.3	24.7	23.5	23.3	**23.2**	27.1	29.9	31.2	27.7	31	31.1
4	25.7	24.6	23.8	22.8	22.5	**22.3**	26.5	28.7	30.1	30.2	30.8	30.4
5	24.8	24.1	24.1	23.4	**23.2**	**23.2**	27	29.4	30.6	27.6	28.6	29.1
6	25.2	24.6	24.9	25.6	**24.4**	**24.4**	25.5	28.3	29	29.8	31.2	30.7
7	25.9	25.1	24	23.5	**23**	23.3	27	28.2	29.4	30.4	31.5	32.7
8	25.1	24.3	23.6	22.9	22.4	**22.3**	27.4	29.4	30.3	31	31.6	32.3
9	26.5	25.7	24.9	24.6	24.6	**24.5**	27.7	29.3	30.2	31.3	32.1	32.6
10	27	26.4	26	25.6	25.1	**24.7**	28.1	30.7	30.6	32.3	33.3	32.5
11	25.9	25.8	25.7	25.4	25.6	25.4	27.3	29	30.7	31.3	32	32.4
12	25.2	24.7	24.6	**24.4**	24.5	24.7	27.3	28.9	30.2	31.1	31.2	32
13	24.6	24.1	23.7	23.1	**22.8**	23	26.9	30.6	32.3	29.5	31.8	31.5
14	24.4	23.7	23.8	23.4	23	**22.8**	27.5	30.4	32.3	30.5	31.8	34.7
15	26	25.5	25.4	25.3	24.7	**24.4**	28.3	29.9	30.7	33	33.8	34.4
16	27.1	26.7	26.4	25.5	25	**24.7**	28.8	30.3	31.1	30.9	31.3	31.3
17	25.8	25.1	24.7	23.9	23.8	**23.6**	27.7	30.4	31.8	31.7	31.6	32.3
18	25.2	25.1	24.9	25	24.8	**24.7**	28.2	29.9	31.9	32.7	33.8	33.9
19	24.8	24.7	24.4	24.5	**24**	24.1	26.5	29.8	29.9	31.8	**32.8**	31.3
20	25.3	25	25	**24.8**	**24.8**	24.9	27.4	29.3	30.9	32	32.7	32.1
21	26.2	26.1	25.9	25.9	25.6	**25.4**	26.6	29	31.2	31.4	30.6	30.7
22	25	25	24.8	24.6	24.2	**24**	28	29.7	30.4	30.4	31.3	30.8
23	25.9	25.2	24.6	23.7	23.4	**23.1**	25.4	28.3	31.1	30.3	31	30.8
24	26.2	25.5	25.4	25.6	25.6	25.5	26.7	30.1	30.3	30.4	31.3	31.9
25	24.5	24.2	**23.5**	**23.5**	**23.5**	24	26.8	29.1	29.1	30.1	30.6	31.5
26	26.1	26	26.1	26.1	**25.8**	26.3	27.2	29.4	29.8	31.5	31.8	32
27	26.1	26	25.6	25.1	**24.9**	**24.9**	26.7	29.3	30.2	30.6	31.5	32.5
28	25.7	25.8	25.2	24.9	24.8	**24.7**	27.9	29.5	30.1	30.3	31.3	31.4
29	25.8	25.6	25.4	25.4	**25.2**	**25.2**	27	28.5	29.2	29.4	31.5	31.5
30	25.9	25.4	25.3	25.1	**24.9**	25.1	27.6	28.5	27.4	30.7	30.7	31.4
31	25.7	25.6	25.6	25.9	25.6	**25.5**	26.4	29	28.8	30.1	30.3	30.9
Mean	25.6	25.1	24.8	24.4	24.2	**24.1**	27.1	29.4	30.3	30.6	31.6	31.9

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.86	58.23	**58.04**	58.05	58.35	58.60	59.41	60.05	60.40	60.75	61	60.95	59.93
59.95	59.23	58.61	**58.35**	58.63	59.09	59.45	60.05	60.45	60.90	61.15	61.20	**60.52**
59.11	58.39	57.95	**57.80**	57.95	58.74	59.30	59.75	60.20	60.65	60.80	60.60	60.14
58.49	57.35	**56.93**	57.05	57.39	58.10	58.75	59.15	59.30	59.45	59.35	59	59.20
56.87	55.89	55.45	**55.19**	55.84	56.68	57.10	57.55	58.40	58.60	58.70	58.40	57.85
57.39	56.63	56.25	**55.93**	56.19	57.04	58.15	58.60	59.50	**60**	59.95	59.80	58.36
58.95	58.04	57.65	**57.58**	58.05	58.67	59.16	59.75	60.40	60.65	**60.80**	60.55	59.37
58.32	57.20	**56.78**	57.34	57.46	57.86	58.37	58.70	59.10	59.45	59.45	58.95	58.96
56.50	55.67	**55.09**	55.17	55.23	55.67	56.29	56.70	57.60	57.90	57.65	57.40	57.37
55.23	54.73	**54.53**	**54.53**	54.70	55.35	55.51	56	56.75	56.90	**57.35**	57.10	56.24
56.36	55.80	**55.40**	55.84	56.55	56.63	56.96	58.25	**59.30**	58.45	58.60	58.35	57.20
58.17	57.94	57.07	**56.84**	57.28	57.92	58.34	58.80	59.40	**59.65**	**59.65**	59.50	58.65
59.05	58.39	57.63	**57.46**	57.77	58.50	58.78	59.35	59.75	60.05	**60.15**	60	59.10
58.58	58.04	57.82	**57.62**	57.87	58.54	59.22	59.80	60.15	**60.30**	**60.30**	59.95	59.28
58.75	58.02	57.54	**57.28**	57.48	57.64	58.47	58.95	59.55	60.05	60.10	60	59.23
58.31	57.56	57.23	**57.14**	57.34	57.73	58.50	59.15	59.95	60.25	60.45	60.20	59.14
58.25	57.61	57.06	**56.70**	57.61	58.38	58.85	60.15	60.65	**60.85**	60.45	60.25	59.30
58.49	57.82	57.32	**57.21**	57.93	58.39	60.10	60	60.15	60.15	60.05	59.75	59.36
58.15	57.43	56.94	**56.88**	57.30	57.81	58.83	58.80	59.40	59.75	59.70	59.45	58.94
57.82	57.10	**56.52**	57.21	57.45	58.17	58.80	59.60	59.75	60.10	**60.20**	59.45	58.73
59.24	58.65	58.87	**58.52**	58.85	59.62	59.95	60.85	61.25	61.55	**61.75**	61.25	59.78
59.72	58.94	58.71	58.69	**58.63**	59.21	60.12	60.65	61.20	**61.45**	61.30	60.90	60.49
59.55	58.90	58.19	**57.65**	57.89	58.10	58.53	59.35	59.85	60	60.15	59.95	59.91
57.89	57.70	57.08	**56.65**	56.79	57.62	58.30	58.95	59.80	59.85	59.50	59.05	58.83
58.31	57.78	57.09	57	**56.85**	57.35	58.03	59	59.55	**59.95**	**59.95**	59.65	58.52
57.98	57.48	**56.88**	56.99	57.49	57.68	57.90	58.60	58.75	59.25	59.05	58.70	58.66
56.32	55.83	55.33	**54.96**	55.15	55.48	55.92	56.80	57.40	57.75	57.55	57.15	57.02
55.12	54.50	54.10	**53.35**	53.65	54.50	55.05	55.55	56.25	56.55	56.25	56.05	55.73
54.67	**54.14**	54.27	54.26	54.34	54.51	55.50	55.60	56.25	56.80	56.60	56.40	55.47
54.19	53.70	53.48	**53.45**	53.65	54.55	55.30	55.85	56.05	56.55	56.55	56.15	55.48
53.57	53.10	**52.59**	52.61	52.70	53.18	53.75	53.90	54.55	54.65	54.70	53.85	**54.40**
57.68	57.03	56.59	**56.49**	56.79	57.33	57.96	58.52	59.07	59.33	59.33	59.03	58.42

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
34.3	34.2	33.7	33.4	32.5	30.4	28	27.1	26.4	25.8	25.4	25.2	28.5
33.5	**34.7**	34.3	34.1	32.9	31	29.4	28.6	27.9	27	26.9	26.3	28.1
33.6	**34.5**	34.2	32.2	32	30.4	28.7	27.6	27.3	26.7	26.5	26	28.5
32.3	32.2	**34.1**	31.4	31.5	30.2	28.5	28.2	27.3	26.6	26.2	25.8	28
32	**34.5**	**34.5**	33.9	31.7	29.8	28.4	27.5	26.8	26.8	26.5	26.2	28.1
33.1	35	**35.2**	34.7	33.1	31.1	29.7	28.6	27.8	27.3	26.4	26.1	28.8
33.5	33.8	**34.9**	33.9	33	30.5	29	27.9	27.5	26.8	26.6	25.5	28.6
32.9	33.7	**34.1**	27	27.6	28.1	28	27.4	26.8	26.8	26.6	26.5	27.8
33.6	**34**	33.9	33.9	32.5	31.2	30.3	29.2	28.2	27.8	27.4	27.1	29.3
33.2	**33.6**	31.3	31.1	31.2	27.5	26.6	26.6	27	26.5	26.5	26.6	28.8
32.9	**34**	32.5	32.7	30.3	27.8	27.8	27.8	**24.4**	25.2	25.8	25.8	28.5
32.8	33.8	**34.9**	32.6	32	31.3	29.6	28.3	27.2	26.8	26	25.1	28.7
33	34.4	**34.6**	34	32.9	30.9	29.3	27.9	27.1	26.6	26.2	25.1	28.6
33.9	**34.8**	34.1	33.8	32.5	30.8	29.5	28.5	27.9	28.4	27.1	27.1	29
36.2	**36.5**	36.2	35.3	33.6	31.1	29.7	28.8	28.2	28.1	27.8	27.3	**30**
32.6	**33.6**	**33.6**	32.5	31.1	29.5	28.3	28	27.8	27.5	27.1	26.4	29
32.9	**33.8**	33.2	33.1	32	30.1	29.3	26.5	26.9	26.7	25.2	25.1	28.6
33.8	**34.5**	33.6	32.2	30.6	30.4	24.8	24.8	25	25.2	25.2	25.1	28.6
31.4	32.7	32.6	31	28.9	27.8	25.4	25.3	25.2	25.2	25.3	25.5	**27.7**
32.4	**33.2**	32.8	28.7	29.2	28.3	27.9	26.4	26.4	26	26.2	26.3	28.2
30	**32.9**	28.8	27.7	27.6	26.8	26.1	26.1	26.2	25.9	26	25.6	**27.7**
32.6	**33.4**	31.8	31.8	32	30.5	29.8	29	28.7	27.7	26.8	26.7	28.7
32.5	32.7	33.3	**33.7**	32.5	30.3	29.3	29.3	28.8	28.4	27.8	26.7	28.7
32.8	31	32	32	31.5	29.9	28.7	25.2	**24.3**	25	24.5	24.3	28.2
32	33.1	**34.7**	32.7	33.3	30.9	30.8	28.7	27.8	26.9	26.9	26.4	28.5
31.8	32.2	**33.1**	31.5	27.8	26	25.9	26	26	26.3	26.6	25.9	28.2
32.6	33.3	**33.6**	33	31	30.3	28.7	27.8	25.8	25.9	25.9	25.6	28.6
31.9	**32.5**	32.4	30.7	30.3	29.2	29	28.8	25.6	26.3	26.1	25.8	28.3
31.9	30	28.3	28.4	29.1	29.1	27.4	26.4	26.2	26.3	26.2	26.1	**27.7**
32.3	33.5	**34**	31.7	28.5	28.6	27.6	27.9	27.8	27.3	26.3	26.1	28.3
31.2	**31.7**	**31.7**	31.2	30.2	29.7	29	29	29	28.3	26.8	27.7	28.5
32.8	**33.5**	33.3	32.1	31.1	29.7	28.4	27.6	26.9	26.7	26.3	26	28.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	80	82	85	84	**87**	86	76	66	61	55.5	51	45
2	69.5	72	79	**85**	82	84	76	65.5	58	63	56.5	55
3	76	72	75	**78**	75	75	68	56	52	68.5	59	61
4	68	75	77	80	79	**81**	74	66	57	61	56	58
5	79	81	80	**83**	81	80	72	64	62	70	72	68
6	77	81	82	79	82	**86**	80	68	65	67	62	62
7	69	75	81	84	**87**	84.5	75	69	66	63	59	55
8	78	78	80.5	83	**86**	82	70	58	56	56	59	54.5
9	81	86	87	87	**90**	89	79	68	64	63	61	58
10	79	82	81.5	81	83	87	74	67	67	60	**58**	61
11	91	88	89	91	91	**93**	85	78	70	69.5	64	62
12	**89**	85	82	85	85	87	80	74	71	69	67.5	65
13	81	81	81	83	**84**	83	73	60	51	63	58	57
14	78	80	80	80	80	**81**	70	53.5	53	62	60	46
15	78	77.5	78	77	76	**79**	72	63	63	56	53	52
16	75	77	77	82	82	80	69	58	59.5	63	62	64
17	88	**89**	**89**	**89**	85.5	85	76	65	59	60	60	56
18	86	87	88	88	90	89	79	67	62.5	57	51	**49**
19	93	92	**95**	94	91	92	87	72	75	64	**60**	64.5
20	90	89	91	92	93	**94**	85	72	69	61	**60**	66
21	89	89	92	92	91	92	89	76	72	70	72	68
22	96	94	94	96	97	**100**	91	79	72	72	66	67
23	91	91	89	**93**	92	**93**	88	72	65	69	65	67
24	87	89	88	88	89	91	88	71	70	69	68	69
25	93	93	96	**97**	**97**	93	87	74	73	65	65	65
26	84	82	83	84	86	85.5	82	74	70	65	69	68
27	89	88	90	93	**96**	**96**	90	79	72	70	68	65
28	90	87	92.5	92	93	92	81	75	74	72	**63**	71
29	95	**96**	**96**	94	95	95	90	85	80	81	75	**72**
30	92	94	**95**	**95**	**95**	94	86	82	87	75	70.5	66
31	90	91	91	90	**92**	90	90	78	84	76	75.5	71
Mean	83.9	84.6	86	87.1	87.5	**87.7**	80.1	69.5	66.5	65.7	62.8	61.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19	18.4	18	17.7	17.6	17.7	20	**20.1**	19.4	19	19.5	18.2
2	16.3	16.1	15.8	16.2	**15.7**	16.1	17.5	**18.6**	18.2	18	18.3	18.3
3	18.4	17.3	17.3	16.8	15.9	**15.8**	18	17.6	17.5	18.9	19.6	**20.3**
4	16.7	17.2	16.9	16.5	**16**	16.3	19.1	19.3	18	19.5	18.4	18.6
5	18.3	18	17.8	17.7	17.1	**17**	19.2	19.6	20.1	19.4	**20.9**	20.2
6	18.4	18.6	19.1	19.3	18.7	19.4	19.4	19.5	19.5	20.7	**20.9**	20.4
7	**17.3**	17.8	17.9	18	18.1	18	20	19.6	20	20.2	20.3	20.4
8	18.5	17.7	17.4	17.1	17.3	**16.5**	19.1	17.7	18.1	18.7	20.3	19.6
9	20.8	21.1	20.5	19.9	20.7	20.3	21.9	20.5	20.5	21.4	21.6	21.1
10	20.9	21.1	20.3	19.8	**19.6**	20	21	21.8	21.9	21.5	21.9	22.2
11	22.6	21.9	21.9	21.9	22.1	22.3	23	23.1	22.9	**23.6**	22.7	22.5
12	21.2	19.6	18.8	19.3	19.4	20	21.5	21.9	22.5	**23.3**	22.8	23
13	18.6	18	17.7	17.4	17.4	17.3	19.2	19.5	18.2	19.2	20.3	19.5
14	17.6	17.4	17.5	17	16.7	16.7	19	17.2	19	20.2	**21**	18.8
15	19.4	18.8	18.8	18.4	17.6	18	20.5	19.7	20.8	20.8	20.7	**21**
16	19.9	20.1	19.7	19.9	19.3	**18.5**	20.4	18.7	19.9	20.9	21	21.7
17	21.9	21.1	20.6	19.6	18.7	18.5	21.1	21	20.6	20.8	20.7	20.3
18	20.5	20.5	20.6	20.8	20.9	20.6	22.4	21.1	21.9	20.8	20.1	19.3
19	21.7	21.4	21.6	21.5	**20.3**	20.6	22.4	22.4	23.4	22.2	22	21.9
20	21.5	**21**	21.3	21.5	21.7	22	23	21.7	22.8	21.7	22.1	23.3
21	22.4	22.5	22.8	22.8	22.1	22.1	23	22.5	**24.3**	23.8	23.6	22.2
22	22.5	22.1	21.9	22	21.7	22.2	**25.6**	24.4	23.3	23.3	22.6	22.2
23	**22.6**	21.6	20.4	20.2	19.7	**19.5**	21.1	20.5	21.8	22.1	21.9	22.2
24	22	21.7	21.1	21.4	21.8	22	22.9	22.4	22.3	22.3	23	24.1
25	21.3	20.9	20.6	20.7	20.7	20.7	22.8	22.2	21.8	20.8	21.1	22.2
26	21.1	**20.6**	20.9	21.1	21.2	21.7	21.9	22.5	21.8	22.4	**24**	**24**
27	22.5	21.9	22	22.1	22.4	22.4	23.5	24	23	22.7	23.3	23.5
28	22.1	21.5	22	21.6	21.7	21.4	22.6	22.8	23.5	23.2	21.3	24.2
29	23.5	23.3	23.1	22.7	22.6	22.6	23.7	24.5	24	24.6	**25.9**	24.8
30	22.8	22.7	22.7	22.5	22.2	22.3	23.6	23.6	23.5	**24.6**	23.1	22.5
31	22.1	22.1	22.1	22.4	22.4	21.8	22.9	23.1	23.2	24.1	**24.2**	23.4
Mean	20.5	20.1	20	19.9	**19.7**	**19.7**	21.3	21.1	21.2	21.4	**21.6**	21.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
42	43	40	40	**39**	43	54	62	68	67	68	68	62.2
46	44	43	**39.5**	42	49	57	63	64	67.5	67	72	62.5
50	**46**	49	54	51.5	55	61	67	68	69	69	69	63.5
55	52	**46**	51	50.5	57	60	58	62	70	73	75	64.2
58	**44**	48	47	56	65	68	71	73	69	70	71	68
54	39	**38**	**38**	42	44.5	56	59	67	70	76	71	64.4
55	56	**45**	49	54	54	62	69	70	71.5	74	78	66.9
55	56	**53**	75	81	78	73	76	80	81	85	82.5	71.5
56	**53**	57	54	60.5	57	61	68	70	74	78	79	70
60	**58**	66	71	69	78	86	88	86	89	**90**	**90**	75.5
60	**57**	59	59.5	68	84	84	84	87	88	88	88	78.2
57	**50**	**50**	53	54	**50**	58	66	70	71.5	76	78	69.7
54	48.5	50	48	**47.5**	50	54	63	68	72	69.5	76	64.8
43	**42**	43	45	50	54	54	60	65	62	71	72	**61.9**
40	41	42	**40**	48	52	61	66	70	71	72	75.5	62.6
58	**55**	**55**	65	69	70	77	79	74	77	78	**85**	70.4
52	**44**	55	60	61	64	69	73.5	71	75	81	83	70.4
51	54	58.5	64	69	66	83	87	88	91	**92.5**	92	74.6
63	62	64	71	74	81	91	88	88	87	88	88	80.2
63	63	64	75	76	80	82	86	86	86	88	87	79.1
64	**59**	78	87	87	90	93	92	94	**95**	90	93	83.9
63.5	61	64	**56**	60	61.5	67	70	73	80	85	87	77.2
60	55	57	**54**	60	68	71	68	70	75	79	84	74
71	70	**64**	65.5	72	76	77	76	90	88	91.5	**93**	79.2
63	57	**52**	61	60	62	62	69	76	77	76	82	74.9
66	**64**	69	68	79	83	85	85	85	86	87	**90**	78.3
65	**58**	62	65	72	75.5	75	79	84.5	86	88	87	78.9
65	65	64	69	74	78	83	83	87	94	94	**96**	80.6
72	78	84	88	78	80	81	86	89.5	90	90	91	**85.9**
61	**60**	**60**	65	80	78	76	77	82	85	86	88	80.4
67	66	**62**	63	66	68	70	72	73	77	85	80	77.8
57.7	**54.9**	56.2	59.4	62.9	66.2	70.7	73.9	76.7	78.8	80.8	82.3	72.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17	17.1	15.6	15.4	14.1	**13.8**	15.3	16.5	17.3	16.6	16.5	16.3	17.3
17.7	18	17.4	**15.7**	**15.7**	16.3	17.3	18.4	17.9	17.8	17.5	18.3	**17.2**
19.2	18.9	19.6	19.3	18.2	17.6	17.7	18.4	18.2	18	17.8	17.2	18.1
19.8	18.5	18.3	17.4	17.3	18.1	17.3	16.4	16.8	18.1	18.5	18.4	17.8
20.6	17.8	19.5	18.5	19.6	20.3	19.6	19.4	19.1	18	18	18	18.9
20.2	16.2	16.1	15.6	15.8	**14.9**	17.3	17.2	18.7	19	19.3	17.9	18.4
21.2	**21.8**	18.8	19.3	20	17.4	18.5	19.4	19.3	18.7	19.2	19	19.2
20.3	21.6	21	20	**22.3**	22	20.5	20.5	20.8	21.2	21.9	21.2	19.6
21.5	21	**22.4**	21.1	22	**19.3**	19.5	20.3	20	20.6	21	21.1	20.8
22.8	22.4	22.3	**23.7**	23.2	21.2	22.3	22.7	22.7	22.8	23.2	23.4	21.9
22.1	22.6	21.4	21.8	21.7	23.2	23.5	23.5	**19.7**	21.1	21.9	21.6	22.3
21.2	19.5	20.7	19.3	19.2	**16.9**	17.7	18.9	18.8	18.7	19	18.5	20.1
20	19.5	**20.5**	19	17.6	16.6	**16.4**	17.5	18.2	18.7	17.6	17.9	18.4
17	17.3	17.1	17.7	18.3	18	**16.5**	17.3	18	17.7	18.9	19.1	18
18	18.5	18.6	**16.9**	18.4	17.4	19.1	19.4	20	20.1	20	20.3	19.2
21.1	21.3	21.3	**23.7**	23.1	21.6	22.1	22.1	20.6	21	20.8	21.7	20.8
19.5	**17.3**	20.9	**22.7**	21.7	20.4	20.9	18.9	18.6	19.5	19.3	19.8	20.2
20.1	21.8	22.6	**23**	22.6	21.4	**19.2**	20.3	20.8	21.6	22	21.7	21.1
21.4	23	23.5	**23.6**	21.9	22.4	21.9	21	20.8	20.7	21	21.3	21.8
22.7	23.7	**23.8**	22.1	22.8	22.9	23	22	22	21.5	22.2	22.1	22.3
20.2	22	23	23.9	23.7	23.7	23.3	23	23.6	23.6	22.5	22.8	22.9
23.2	23.4	22.4	**19.7**	21.3	19.9	20.7	20.8	21.3	22	22.2	22.7	22.2
21.8	20.4	21.7	21.1	21.8	21.7	21.5	20.5	20.6	21.6	21.8	21.9	21.2
26.2	23.3	22.7	23.1	24.8	23.8	22.5	**18.1**	20.3	20.8	20.9	21	22.3
22.1	21.6	21.3	22.3	**23**	20.5	20.4	20.2	21	20.2	**20**	20.9	21.2
23.1	22.8	26	23.4	21.8	20.7	21	21.1	21.1	21.9	22.6	22.4	22.1
23.6	22.2	24.2	**24.5**	24	24.2	22.1	22	**20.8**	21.4	21.8	21.2	22.7
22.8	23.5	23.2	22.7	23.8	23.4	**24.6**	24.3	**21.2**	23.7	23.7	23.6	22.8
25.4	24.6	24	25.2	23.5	23.9	22.1	**21.9**	22.6	22.9	22.8	22.9	**23.6**
21.9	22.9	23.9	22.7	23	22.6	**20.9**	21.5	22.6	22.9	21.9	22.1	22.7
22.6	22.9	21.6	21.3	21.1	21	**20.8**	21.5	21.6	22.1	22.2	22	22.3
21.2	20.9	21.1	20.8	20.9	20.2	20.2	20.2	20.2	20.5	20.6	20.6	20.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
4	----------	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E
5	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu. E
6	Ci.	Cu.	Ci.	Cu. ESE	----------	Cu. ESE	----------	Cu.	----------	Cu. E
7	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
8	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
9	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
10	Ci.	Cu.	----------	Cu. ESE	----------	Cu. ESE	Ci.	Cu.	Ci.	Cu.
11	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
12	A.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
13	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
14	----------	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
15	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.
16	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.
17	----------	Cu.	----------	Fr.-Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.
18	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
19	A.-Cu.	Cu.	A.-Cu. SE	Cu.	A.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu.
20	----------	Cu.	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
21	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu. SEbyE	A.-Cu. ENE	Cu. SEbyE	Ci.	Cu.-N. SE	Ci.-S.	Cu.-N. SE
22	Ci.	Cu.	Ci.	Cu.-N. E	Ci.-S.	Cu. E	Ci.	Cu.	Ci.-S.	Cu.
23	A.-Cu.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
24	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. NNE	----------	Cu.	----------	Cu.
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
26	Ci.-S.	Cu. NW	Ci.-S.	Cu. NW	Ci.-S.	Cu.-N. NW	Ci.-S.	Cu. NW	Ci.-S.	Cu.
27	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
28	Ci.	Cu.	Ci.	Cu. NW	Ci.	Cu. NW	Ci.	Cu.	Ci.	Cu.
29	A.-Cu.	Cu.	Ci.	Cu. NNE	Ci.	Cu. NNE	Ci.	Cu. NNE	Ci.	Cu.
30	----------	Cu.	----------	N.-cf. E	----------	Cu. E	----------	N.-cf.	----------	Cu.
31	Ci.-S. EbyS	Cu.	Ci.-S.	Cu.	Ci.-S. ESE	Cu.	Ci.-S. ESE	Cu.	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.
2	Ci.	Cu. E	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
3	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu.
4	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	A.-Cu.	Cu.
5	Ci.	Cu.	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.
6	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
7	Ci.	Cu.	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.	Ci.-Cu.	Cu.
8	Ci.	Cu.	----------	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.-N.	Ci.	Cu.
9	Ci.	Cu.	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.	Ci.	Cu.-N.
10	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
11	Ci.	Cu.	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. E
12	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
13	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu.
14	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
15	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
16	Ci.-S. NW	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
17	----------	Cu. E	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.
18	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf.
19	Ci.	Cu. E	Ci.	Cu.	----------	Cu.	A.-Cu. SSE	Cu. E	A.-Cu. SSE	Cu.
20	Ci.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf.
21	Ci.-S.	Cu.-N. SE	----------	Cu.-N. SE	----------	N.	A.-Cu.	Cu.	Ci.-S.	Cu.
22	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
23	Ci.-Cu.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.
24	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N.	Ci.	Cu.	Ci.	Cu.-N.
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N. E	A.-Cu.	Cu.	----------	Cu.
26	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. NW	Ci.-S.	Cu.-N. NW	----------	Cu.-N.
27	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	A.-Cu.	Cu.-N.
28	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.
29	Ci.	Cu.	Ci.	Cu.-N.	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.
30	Ci.	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu.-N.	A.-Cu.	Cu.-N. E
31	Ci.-S. ESE	Cu.	Ci.-S. ESE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 0.5	Calm	E 1	E 1	E 1	Calm	NE 0.5	Calm	ENE 1	SE 4	ESE 3	SE 5.5
2	ENE 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 4	W 5.5	W 4.5
3	Calm	Calm	Calm	Calm	Calm	E 1	Calm	Calm	ENE 4	W 3.5	WbyS 3	WSW 3.5
4	SE 1.5	ESE 1	ESE .5	ESE .5	ENE .5	ENE .5	NE .5	Calm	WNW 2.5	W 1.5	W 3.5	W 5.5
5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1.5	WNW 2.5	WNW 3.5	WNW 2
6	ESE .5	NE 1	NNE 1	NNE 2	NE 2	N 1	Calm	NNW 1	WSW 2	W 2	WNW 3.5	WNW 3.5
7	N 1.5	NE 2	Calm	Calm	Calm	Calm	Calm	Calm	W 2	WNW 5	WNW 3.5	W 6
8	ESE .5	ESE 1	ENE 1	Calm	ENE .5	ENE .5	Calm	Calm	W 1	WNW 2.5	W 5	W 5.5
9	SE 3	SE 1.5	NE 1.5	Calm	Calm	Calm	Calm	Calm	W 3	WbyN 4	W 5	W 4.5
10	SE 2	ESE 1	Calm	NNE 1	NNE 1	E 1	NE 1.5	ENE 2	SW 1.5	W 3.5	W 3.5	WbyN 3
11	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1.5	WSW 3.5	WSW 3.5	WSW 2.5
12	NNW 4	N 3	N 1.5	NNE 2.5	NNW 1.5	N .5	NbyE .5	Calm	Calm	W 3	WbyN 4.5	W 4
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 2	W 4.5	W 5	W 5.5
14	E .5	E .5	ESE .5	E 1	E 2	Calm	Calm	E 4	E 6.5	WNW 2	NW 5	SE 3.5
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	SSW 1.5	SSE 2	SE 3.5	SE 4
16	SE 3	SE 3.5	SE 2	SE 1.5	E 1	Calm	Calm	ENE 2	SE 1	W .5	W 1	W 1
17	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSE 1	WSW 4.5	W 3.5	W 5
18	Calm	Calm	ESE 1	E .5	Calm	E .5	E .5	EbyS .5	SSE 1.5	SE 2	SSE 1.5	SSE 1.5
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 3	Calm	Calm	S 6	SSW 5
20	E .5	NE .5	Calm	Calm	ESE .5	Calm	NE 1	ESE 1.5	Calm	E 1	SE 2	W 4
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 3.5	SSW 1	WSW 1.5	SW 2	NNW 5.5
22	Calm	ENE 1	NNE 1	Calm	NNE .5	Calm	Calm	Calm	SSW 1.5	WNW 2.5	WNW 2	WNW 1.5
23	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 2.5	WNW 4.5	WNW 4.5
24	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 2.5	NW 2	NNW 4	W 3	WSW 4
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NWbyW 4	W 3.5	WbyS 3.5	WSW 3
26	ESE 1	Calm	N 1	NNE .5	NNW 1.5	N 1	N 1	NNW 2	Calm	WSW 3	WSW 3	WSW 4.5
27	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	WSW 3.5	WSW 1.5	WSW 4
28	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 2	SW 2	W 4.5	WSW 2.5
29	Calm	ESE .5	E 1	NE .5	NE 2	Calm	Calm	E .5	Calm	WSW 2.5	WSW 3.5	WSW 3.5
30	SE .5	ESE .5	ESE .5	E .5	ENE .5	Calm	Calm	Calm	Calm	WSW 1.5	W 1	WSW 2.5
31	Calm	Calm	Calm	NE 1	Calm	NNE 1.5	NbyE 1.5	NNW 2	WNW 1.5	NNW 2	WSW 3	SW 1.5
Mean	0.7	0.5	0.4	0.4	0.5	0.2	0.2	0.8	1.5	2.7	3.4	3.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SEbyS 12	SE 13	SE 9.5	SE 11.5	SE 8	ESE 4	ESE 1	ESE 3	ESE 2.5	ESE 2	E 2	EbyS 1	3.6
2	SE 5	SSE 5	SE 4.5	SE 4.5	SE 3.5	ESE 2.5	SE 1	ESE 2	ESE 2	ESE 2	SE 2	Calm	2.1
3	SSE 5	SE 5	SE 4	SE 2.5	ESE 2	ESE 1	ESE 2	ESE 3	SE 3.5	SE 3	SE 8	SE 2.5	2.1
4	WSW 2.5	SE 7	SE 3.5	SE 5	ESE 5.5	SE 2.5	ESE 2	ESE 2	ESE 2	SE 2	SE 1.5	SE 2	2.3
5	W 3.5	SE 4	SE 3.5	SE 3.5	SE 2	Calm	ESE .5	ESE 2	ESE 2	ESE 1.5	ESE .5	ESE .5	1.4
6	WSW 3	SE 2	SE 4	SE 4	SE 5	SE 3	SE 1	SEbyS 3	SSE 3	SE 2	E 1	N 1.5	2.2
7	W 4	W .5	SSE 4	SSE 2.5	SSE 1	SE 2	SE 1	SE 2.5	SE 2	SE 2	SE 2.5	ENE 2	1.9
8	W 3.5	WSW 2	SEbyS 9	NNE 2.5	Calm	ESE 3.5	SE 5	SEbyE 3	SE 2	SE 2	SEbyE 2	SE 2.5	2.3
9	W 3	WSW 2	WbyS 2.5	SSE 5	SW 2.5	SSE 3	SE 1.5	SE 1.5	SE 2	SE 2	SE 1.5	SE 1.5	2.1
10	W 3	WSW 5.5	SbyW 4	SW 1.5	SE 6	SSW 1	Calm	Calm	Calm	Calm	Calm	Calm	1.8
11	WSW 2	WSW 3	SSE 2.5	SE 2.5	Calm	SW 3	Calm	SW 2	NW 4.5	NW .5	WNW 1.5	Calm	1.4
12	W 3	SW 2.5	SSE 7	SSE 8	SE 6	SE 6	SE .5	E 2	E 1.5	E 2	E 1	Calm	2.7
13	WSW 1.5	SSW 2.5	S 2	SSE 4.5	Calm	ENE 2	E 1	E 1	ESE 1.5	SE 2	SE 1	E 1	1.5
14	SE 8	SE 6	SE 6.5	SE 10	SE 8	SE 4	ESE 3	ESE 2.5	SEbyE 2.5	SE 2.5	SE 2	SEbyE 2	3.4
15	SE 6	SSE 4	SE 3	SE 2.5	SE 2.5	SE 1.5	SE 1	SE 3.5	SE 3	SE 2.5	SE 2.5	SE 2.5	2
16	W 3	W 3	W 3	SW 4.5	SW 5.5	SW 2.5	SSW 4	SSW 1	Calm	SE 1.5	SE 1.5	SE 1	2
17	WNW 5.5	W 5	W 4.5	SW 6	WSW 4.5	SW 6	SSW 6	S 2	SSE 2	E 3	E 2	E 1	2.6
18	WSW 3	WSW 2	WSW 4	WSW 5	WSW 3	SW 3.5	ESE 6.5	Calm	Calm	Calm	Calm	Calm	1.5
19	WSW 2.5	WSW 2	WSW 3	SW 2	SW 4	SSW 5	EbyS 1	ESE 1	E 1	ESE .5	ESE 1.5	Calm	1.6
20	W 3.5	WSW 3	WSW 4.5	SSW 6	SSW 2.5	ENE .5	E 2	SE 3.5	SSE 2	Calm	Calm	Calm	1.6
21	NW 5	NW 2.5	SSW 1	N 1	NNE 1	Calm	Calm	Calm	E 1	ENE 1	Calm	Calm	1.1
22	WNW 3	W 1.5	WSW 1	SSE 4	SSE 3	SSE 4.5	SSE 6	SSE 3.5	SE 3.5	SE 2	Calm	Calm	1.8
23	W 2.5	WNW 2.5	WNW 3	W 1.5	WSW 1.5	SWbyW 1.5	SW 2.5	SW 2	SSW 2.5	S 2	S .5	Calm	1.4
24	WSW 3	SW 1.5	SE .5	SW 2.5	SW 3	SW 2.5	S 3.5	NW 4.5	NW 1	Calm	Calm	Calm	1.6
25	WSW 2.5	WSW 2.5	WSW 1.5	WSW 1	SW .5	SE 2.5	E 1	Calm	Calm	NNW 1.5	SE 1	SE .5	1.2
26	SW 3	WSW .5	WSW 3.5	W 1.5	SSE 1	Calm	Calm	NE 2	NE 2	Calm	Calm	Calm	1.3
27	WSW 4	WSW 4	SW 4.5	SW 5	SW 4.5	SW 4.5	NW 4	SE 1	SEbyS 3.5	SE 2	Calm	Calm	2
28	WSW 3.5	WSW 4.5	WSW 5	W 4	WbyS 3	SW 4	SSW 3.5	SSW 3.5	SSE 3.5	E 1.5	Calm	Calm	2
29	WbyS 5.5	SW 3.5	ESE 2	Calm	SW 4	SW 4	SSE 2.5	SE 1	ESE 1	E 1	E 1	ESE .5	1.7
30	SW 2	WSW 3	SW 3	SE 1	Calm	WSW 5	SbyW 4	SW 3.5	SW 5.5	S 2	Calm	Calm	1.5
31	WSW 3.5	SW 4.5	SW 5.5	SW 7.5	SW 6	WSW 6	SW 8	SWbyS 6.5	SSW 8	SW 5	SWbyS 10	SWbyS 5.5	3.8
Mean	3.9	3.5	3.8	4	3.2	2.9	2.4	2.2	2.3	1.6	1.3	0.9	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5	2.5	1.5	4	3.5	2	2	2	7.5	14.5	24.5	24.5
2	9	4	1	1	2	2	6	4	2	10	19	16
3	0	0	0	0	4.5	.5	1.5	4	5	13	17.5	14
4	7.5	2.5	2.5	2	.5	1.5	2.5	2	8	9.5	17	15
5	2	3	3	1.5	.5	2	2	3	7	10	16.5	10
6	1.5	3.5	3	3.5	7	5.5	6	6.5	5	10	**16.5**	13.5
7	6	7	4	1	2	5	2	3	8	12	16.5	16
8	3	2.5	4	1.5	2	2.5	.5	1.5	6	11.5	19	17
9	11	7	6	5	.5	.5	1	2.5	7	9.5	15.5	13
10	7.5	4.5	3.5	2.5	1	1	7.5	8	4	8.5	10	16
11	0	1.5	2.5	5	3	4	3	2	5	9	**15**	11
12	7	12	11	6	2.5	5	2.5	2	4.5	7	18	16
13	.5	1	1	3	1	4.5	5.5	5	8	10	**22**	16.5
14	1	2.5	2.5	3	6	5	6.5	10	14	11	13	20
15	1	2	3	5	2	2.5	3.5	4	8	5	15	17
16	11	10.5	10.5	5.5	4.5	5.5	3.5	4	6.5	5.5	15	13
17	2.5	.5	.5	1.5	1	1	1	4.5	2.5	6.5	14.5	16.5
18	1	1.5	1	1	.5	1	2	5	8.5	8	9.5	8.5
19	0	0	.5	1.5	1	0	.5	3.5	6	4	7	15
20	2.5	3.5	1	0	.5	1	4	9	8	6.5	8	7.5
21	0	0	0	0	0	.5	0	2.5	5	2	12.5	10
22	.5	1	2.5	3	1	2.5	0	0	3	8	**16.5**	13
23	1	.5	1.5	0	1	1	2	1.5	.5	9	**14**	**14**
24	1	0	0	0	1	0	0	5	11	8	**17**	16
25	.5	1.5	3	3	2	2	3.5	.5	8	8	13	13
26	2	2.5	4	4	4	7	4.5	8	5.5	6	**16**	13
27	1	1	3.5	.5	1	0	0	.5	5.5	8	15	14
28	1	2	2.5	2.5	3	1	2	1.5	4.5	6	15.5	14
29	.5	.5	1.5	4	2.5	4	1	3	1.5	6.5	13	16
30	1	2	2	3	1	5	3.5	2.5	3	2	10	12
31	.5	.5	1	7	2	6	8	7	10	9	7	10
Mean	2.8	2.7	2.7	2.6	**2.1**	2.6	2.8	3.8	6.1	8.2	14.8	14.2

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	6	2	2	3	4	2	4	3	3	2	1	1	2.8	10	55
2	6	4	2	3	5	6	6	2	2	4	4	5	4.1	10	10
3	2	3	5	9	7	7	4	3	4	5	4	2	4.6	9	10
4	1	1	3	5	6	8	7	4	7	8	6	6	5.2	8	20
5	3	3	8	8	8	8	6	2	2	3	4	3	4.8	8	45
6	3	3	6	6	4	6	3	4	5	6	5	5	4.7	10	00
7	4	4	4	4	4	4	5	2	3	3	4	2	3.6	10	45
8	0	1	4	3	6	6	5	6	7	9	5	7	4.9	9	00
9	5	2	7	4	7	5	5	3	3	3	6	6	4.7	10	10
10	3	3	5	4	4	4	5	8	8	8	9	9	5.8	7	45
11	7	3	4	7	7	8	6	4	6	9	10	7	6.5	6	55
12	4	4	4	6	7	6	6	8	6	8	8	8	6.2	8	45
13	1	2	6	5	5	6	5	3	3	5	3	2	3.8	8	50
14	2	2	6	7	9	8	8	8	7	8	7	9	6.8	10	25
15	8	8	7	7	6	6	8	3	3	3	3	2	5.3	**11**	**00**
16	6	8	8	8	8	9	9	9	8	6	6	6	7.6	6	05
17	1	0	1	3	2	2	3	3	3	2	4	6	**2.5**	10	35
18	6	5	7	4	7	9	8	5	5	6	9	9	6.7	8	05
19	6	3	8	4	7	6	5	4	3	8	9	10	6.1	7	20
20	3	1	4	4	7	5	5	5	8	10	10	10	6	7	45
21	10	10	9	7	8	9	8	7	9	9	8	4	8.2	**4**	**50**
22	6	6	8	7	7	8	6	7	9	9	9	9	7.6	7	05
23	1	1	5	3	6	4	3	3	2	4	4	3	3.2	10	00
24	3	4	4	4	4	4	4	8	6	5	8	6	5	9	05
25	4	3	4	3	4	4	5	4	7	4	3	4	4.1	9	25
26	9	8	8	6	6	6	6	8	8	6	10	8	7.4	**4**	**50**
27	5	3	7	3	4	7	6	3	4	4	8	8	5.2	7	50
28	4	2	7	3	3	4	4	2	3	6	8	10	4.7	8	40
29	7	6	8	6	7	6	6	9	9	8	8	7	7.2	5	00
30	4	5	8	5	4	4	6	6	7	8	9	10	6.3	6	25
31	10	9	8	7	7	7	8	8	8	10	10	10	**8.5**	6	30
Total														260	25
Mean	4.5	**3.8**	5.7	5.1	5.8	5.9	5.6	5	5.4	6.1	**6.5**	6.3	5.5	8	24

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
29	30	**31**	24	23	16	7.5	11	9.5	6.5	7.5	5	12.2
9	19	**28**	21	17	15	13	7.5	6.5	6	**5**	1.5	9.1
19.5	**27.5**	26.5	17.5	14	10	8	5.5	12	11	10.5	9	9.6
10.5	14.5	**24**	19	15	13	11	11	7	8	6	8	9.1
10	12.5	17.5	**19**	15	6.5	7.5	7	6.5	7.5	4.5	3.5	7.4
11	11	10	16	16	13	9	11	9	9	5	5	8.6
15.5	13	18.5	**19**	14.5	13	11.5	7.5	8	9.5	7	7	9.4
11	13.5	14.5	**21**	3	6	12	11	9	7	9	9	8.2
14	13.5	13	14	13.5	**18.5**	13.5	9	4	6.5	5.5	6.5	8.8
16	17	**18**	9	10	9.5	2.5	1	2	4	1	0	6.8
14	13	12	11.5	6	8	3	5	14.5	4.5	5.5	4.5	6.8
13	11	17	19	**21**	13	18	7	5.5	6.5	6	1.5	9.7
11	11.5	14	21	11	13	11	5.5	4.5	6.5	6	3	8.2
23	**27**	26	21	23	17	10	9	7.5	8.5	5.5	5.5	11.6
17.5	17	16	14	15.5	16	12.5	9.5	12.5	10.5	9	7	9.4
17	13	9	16	**25**	17	10.5	5.5	2	4.5	5.5	4.5	9.4
17.5	16	16	18	20	21.5	**24**	15.5	6.5	7.5	8	2.5	9.4
8	12	15	**19**	17	13	14	2	.5	0	.5	0	6.2
9	7.5	13	13.5	**17.5**	17	7	5	2.5	2	1	3	5.7
13.5	13	**20**	16	7.5	3.5	3	13	9	3	.5	.5	6.4
13.5	**13.5**	9.5	6.5	1.5	.5	2	2	2	1.5	3	4	**3.8**
13	7	6	7	12	13	15	13	11	6	1	1	6.5
10	11	8	7	11	8	12	9	8	7	4	1	5.9
16	7	6.5	10.5	**17**	13	11	13	8	2.5	1.5	0	6.9
12.5	10.5	8	4	3	**15**	8	8.5	2	1.5	3.5	3	5.7
11	6.5	9.5	15	10.5	6	3	4.5	5	3	3	2	6.5
15	15	19	21	**24**	20	12	4	12.5	6.5	5	2	8.6
15.5	20.5	**25.5**	21.5	15.5	18.5	17	13.5	10	6.5	4.5	2	9.4
18	**19.5**	7.5	2	7	14	15	9	4	4	4	3	6.7
8	10	10	7	9.5	15.5	16	15	**17**	7	2	0	6.8
11	19	32	29	33	31	27	31.5	33.5	**34**	28	30	**17**
14	14.6	**16**	15.5	14.5	13.4	11.2	9.1	8.1	6.7	5.4	4.3	8.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	------	------	1	1	4	8	6	1	------	------	------	------	------	------	------	------	3	293.5	8.2	------
2	------	------	------	1	------	4	6	1	------	------	------	1	2	------	------	------	9	219.5	8.6	------
3	------	------	------	1	1	4	7	1	------	------	------	1	2	------	------	------	7	231	7.9	------
4	------	------	1	2	------	7	8	------	------	------	------	1	3	1	------	------	1	217.5	7.1	------
5	------	------	------	1	------	6	4	------	------	------	------	------	1	3	------	------	9	177.5	7	------
6	2	2	2	------	1	1	7	2	------	------	------	2	1	2	------	1	1	206.5	7.5	------
7	1	------	1	1	------	------	6	3	------	------	------	------	4	2	------	------	6	226.5	7.9	------
8	------	1	------	3	------	3	6	1	------	------	------	1	4	1	------	------	4	197	5.9	2
9	------	------	1	------	------	------	8	2	------	------	1	1	5	1	------	------	5	210	7	------
10	------	2	1	1	1	1	2	------	------	2	2	1	3	1	------	------	7	164	4.2	2.9
11	------	------	------	------	------	------	1	1	------	------	2	5	1	1	2	------	11	162.5	4.4	5.6
12	3	2	------	------	4	------	3	2	------	------	1	------	3	1	------	2	3	232	6.3	------
13	------	------	1	1	3	1	2	1	1	1	------	1	3	------	------	------	9	196	7	------
14	------	------	------	------	6	3	11	------	------	------	------	------	------	1	1	------	2	277.5	8.7	------
15	------	------	------	------	------	------	13	2	------	2	------	------	------	------	------	------	7	225	8.9	------
16	------	------	------	1	1	------	8	------	------	2	3	------	6	------	------	------	3	224.5	5.8	------
17	------	------	------	------	3	------	------	2	1	1	2	2	4	1	------	------	8	225.5	7.2	------
18	------	------	------	------	3	3	1	3	------	------	1	5	------	------	------	------	8	148.5	4.6	43.8
19	------	------	------	------	1	4	1	------	1	2	2	3	------	------	------	------	10	137	4	.5
20	------	------	2	1	3	2	2	1	------	2	------	2	2	------	------	------	7	154	3.8	.9
21	1	1	------	1	1	------	1	------	------	2	1	1	------	------	2	1	12	92	2.7	1.3
22	------	2	------	1	------	------	2	5	------	1	------	1	1	4	------	------	7	156	5	------
23	------	------	------	------	------	------	------	------	2	1	2	2	2	5	------	------	10	142	5.9	------
24	------	------	------	------	------	------	1	------	1	------	4	2	1	------	3	2	10	165	3.6	2.5
25	------	------	------	------	1	------	3	------	------	------	1	5	2	------	1	1	10	137.5	5.6	------
26	3	1	2	------	------	1	------	1	------	------	1	5	1	------	------	2	7	155.5	3	2.3
27	------	------	------	------	------	------	2	1	------	------	4	6	------	------	1	------	10	206	4.7	------
28	------	------	------	------	1	------	------	1	------	3	2	4	3	------	------	------	10	226	4.3	11.8
29	------	------	2	------	4	4	1	1	------	------	3	3	1	------	------	------	5	161	3	------
30	------	------	------	1	1	2	2	------	1	1	4	4	1	------	------	------	7	164	3.2	------
31	------	2	1	------	------	------	------	------	------	1	10	3	------	1	------	2	4	**407**	3.7	10.4
Total	10	13	15	17	39	54	114	32	7	21	46	62	56	25	10	11	212	6,137.5	176.7	84
Mean	0.3	0.4	0.5	0.5	1.3	1.7	3.7	1	0.2	0.7	1.5	2	1.8	0.8	0.3	0.4	6.8	198	5.7	2.7

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	761. 40	8. 40a.	35. 8	2. 20p.	87	20. 1	758	3. 35p.	22. 2	5. 40a.	39	**13.8**
2	**62.30**	8. 40a.	36. 2	1. 50p.	85	**18.6**	58. 35	4. 00p.	**21.4**	4. 05a.	39. 5	15. 7
3	61. 90	8. 15a.	36. 3	1. 35p.	**78**	20. 3	57. 75	3. 50p.	23. 1	5. 35a.	46	15. 8
4	60. 85	8. 15a.	35. 7	2. 40p.	81	19. 8	56. 80	3. 20p.	22. 2	5. 50a.	46	16
5	59. 45	9. 05a.	36. 6	2. 15p.	83	20. 9	55. 19	.4. 00p.	23. 1	5. 25a.	44	17
6	60. 10	10. 25p.	36. 9	2. 25p.	86	20. 9	55. 90	3. 55p.	24. 3	5. 35a.	**38**	14. 9
7	60. 90	10. 40p.	36. 2	2. 40p.	87	21. 8	57. 55	3. 25p.	22. 9	5. 20a.	45	17. 3
8	60. 45	9. 15a.	36	2. 55p.	86	22. 3	56. 60	3. 15p.	22. 2	5. 40a.	53	16. 5
9	58. 95	8. 10a.	37. 2	3. 45p.	90	22. 4	55	3. 15p.	24. 5	5. 45a.	53	19. 3
10	57. 50	11. 15p.	35. 4	0. 20p.	90	23. 7	54. 15	3. 35p.	24. 6	5. 55a.	58	19. 6
11	59. 30	9. 00p.	36. 4	3. 35p.	93	23. 6	55. 40	3. 00p.	24. 4	9. 00p.	57	19. 7
12	59. 70	10. 45p.	35. 8	3. 05p.	89	23. 3	56. 80	3. 55p.	24. 4	4. 00a.	50	16. 9
13	60. 20	10. 55p.	36. 4	3. 15p.	84	20. 5	57. 40	3. 40p.	22. 7	4. 55a.	47. 5	16. 4
14	60. 35	9. 45p.	36. 3	2. 25p.	81	21	57. 50	3. 45p.	22. 7	5. 45a.	42	16. 5
15	60. 45	8. 25a.	**37.7**	2. 10p.	79	21	57. 25	4. 10p.	24	5. 40a.	40	16. 9
16	60. 50	8. 50a.	36. 6	3. 30p.	85	23. 7	57. 14	4. 00p.	24. 6	5. 50a.	55	18. 5
17	60. 90	10. 05p.	35. 4	3. 40p.	89	22. 7	56. 60	3. 30p.	23. 5	5. 45a.	44	17. 3
18	60. 65	8. 55a.	35. 9	1. 25p.	92. 5	23	57. 21	4. 00p.	24. 6	5. 45a.	49	19. 2
19	60. 80	8. 55a.	34. 8	11. 05a.	95	23. 6	56. 85	3. 55p.	23. 9	5. 10a.	60	20. 3
20	60. 40	10. 40p.	35. 2	2. 20p.	94	23. 8	56. 52	3. 00p.	24. 7	4. 05a.	60	21
21	61. 75	11. 00p.	34. 9	2. 05p.	95	24. 3	58. 45	4. 05p.	24. 9	5. 35a.	59	20. 2
22	61. 65	9. 45p.	34. 7	2. 25p.	**100**	25. 6	**58.60**	4. 55p.	24	5. 40a.	56	19. 7
23	61. 55	9. 00a.	35. 2	4. 05p.	93	22. 6	57. 60	4. 10p.	23	5. 45a.	54	19. 5
24	60. 01	9. 00a.	34. 8	1. 10p.	93	**26.2**	56. 60	4. 05p.	24. 2	11. 55p.	64	18. 1
25	60. 15	10. 35p.	36	3. 05p.	97	23	56. 75	4. 50p.	23. 2	5. 20a.	52	20
26	60. 15	9. 20a.	34. 9	2. 55p.	90	24	56. 80	3. 15p.	**25.6**	4. 55a.	64	20. 6
27	58. 75	0. 15a.	34. 9	2. 40p.	96	24. 5	54. 90	3. 55p.	24. 7	5. 35a.	58	20. 8
28	57. 15	0. 05a.	34. 2	2. 20p.	96	24. 6	53. 15	4. 10p.	24. 7	5. 55a.	63	21. 2
29	56. 85	9. 50p.	33. 9	1. 40p.	96	25. 9	53. 70	1. 55p.	25. 1	5. 05a.	**72**	**21.9**
30	56. 90	8. 20a.	35. 7	3. 20p.	95	24. 6	53	3. 30p.	24. 8	5. 10a.	60	20. 9
31	**56.10**	0. 05a.	**33.2**	2. 25p.	92	24. 2	**52.35**	3. 35p.	25. 2	5. 35a.	62	20. 8
Mean	759. 94	--------	35. 7	--------	89. 6	22. 8	756. 32	--------	23. 9	--------	52. 6	18. 5

DAILY GENERAL REMARKS.

1----Gusty SE winds in the afternoon.
2----Cloudy weather.
3----As yesterday.
4----Coloration of clouds at sunset; ⚡ NNW in the evening.
5----⚡ SE, W in the evening.
6----⚡ NNW in the evening.
7----⚡ NNW in the evening.
8----⊤ NE, ⊤° NW, ●° in the afternoon; coloration of clouds at sunset: ⚡° NW, NNW in the evening.
9----Cloudy weather.
10----Coloration of clouds at sunrise; ○, [⚡ various points, ⊤² NW in the afternoon; ⚡ NNW, NNE, ●° in the evening.
11----○ in the morning; ⊤ NNE, S quadrant, d in the afternoon; ⚡ NW quadrant in the evening; ● at night.
12----Somewhat gusty SEly winds in the afternoon.
13----Cloudy weather.
14----Gusty SE winds in the afternoon.
15----Cloudy weather.
16----○ in the afternoon.
17----Fair weather.
18----Heavy thundershowers in the evening.
19----Coloration of clouds at sunrise; ⊤ S, d in the afternoon.
20----d in the early morning and evening; [⚡° S, NNE, SE in the afternoon; ⚡ SSE in the evening.
21----[⚡° N quadrant in the forenoon; ⊤° E, ⊤² N, ● in the afternoon.
22----⚡ SW, W, NNW in the evening.
23----Coloration of clouds at sunrise.
24----⊤ E, ⌒ in the afternoon; ● in the afternoon and at night.
25----Slight convergence of Ci. and coloration of clouds at sunrise; ⌒° in the afternoon; ⚡ S in the evening.
26----[⚡ E, N, NW, ⌒², ● in the afternoon.
27----⊕ in the morning and afternoon; [⚡ NE quadrant, ⌒ in the afternoon; ⚡ various points in the evening.
28----⊤ various points in the afternoon; [⚡ N in the evening; ● at night.
29----[⚡ E, [⚡° NW quadrant, d° in the afternoon; ⚡° SSE in the evening.
30----●° 4.35 p. m.
31----● in the early morning and afternoon.

OBSERVATIONS FOR JUNE, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	53.35	53.15	53.05	52.95	**52.85**	53.38	53.74	54.54	54.97	54.80	54.19	54.14
2	55.40	55.15	55.15	55.30	55.70	56.02	56.37	56.56	56.92	56.85	56.35	55.99
3	56.05	**55.65**	55.75	55.70	55.85	56.44	57.24	57.50	57.90	58.10	58.41	58.11
4	57.70	56.85	56.90	56.90	57	57.20	57.54	57.56	57.79	57.89	57.35	56.99
5	57.65	57.25	**57.20**	57.30	57.45	57.68	58.23	58.79	59.35	59.57	59.08	59.01
6	59.75	59.75	59.45	59.30	59.35	59.88	60.23	60.58	60.57	60.41	60.07	59.70
7	**60.75**	60	59.55	59.45	59.65	59.83	60.03	60.23	60.42	60.22	60.15	59.80
8	59.10	58.85	58.70	58.85	59.10	59.21	59.26	59.47	**59.92**	59.90	59.66	59.51
9	59.50	59.25	58.95	58.90	58.90	59.10	59.54	59.78	59.89	59.96	59.67	59.12
10	59.20	59.15	59.15	58.70	58.75	59.07	59.52	59.81	60.07	60.13	59.85	59.60
11	60	59.70	59.75	59.65	59.65	59.66	59.88	59.89	**60.03**	59.85	59.81	59.51
12	59	58.70	58.70	58.65	58.65	58.82	59.13	**59.53**	59.52	59.50	59.34	58.87
13	58.60	58.35	58.40	58.45	58.45	58.68	58.91	59.21	59.08	58.92	58.51	58.21
14	59.15	58.90	58.80	58.90	58.90	59.14	59.49	**59.81**	59.71	59.57	59.31	58.72
15	58.85	58.60	58.45	58.60	58.60	59.13	59.46	**59.48**	**59.48**	59.23	58.85	58.80
16	58.65	58.35	58	58.25	58.20	58.68	58.70	**58.88**	58.74	58.68	58.11	57.75
17	58.05	57.90	57.70	57.95	57.85	58.05	58.10	58.70	58.57	58.32	57.97	57.39
18	57.55	57.30	57	56.90	57	57.48	57.72	**57.97**	57.94	57.79	57.38	56.81
19	55.70	54.80	53.90	53.40	52.95	52.75	52.25	52.26	52.10	51.76	51.23	**50.21**
20	**55.85**	56	56.10	56.15	56.50	56.92	57.32	57.54	57.77	57.94	58.03	57.76
21	57.65	**57.50**	57.65	57.70	58.05	58.47	59	59.18	59.34	59	59.09	58.85
22	59.20	58.75	58.75	59	59	59.33	59.58	59.50	59.34	59.34	58.82	58.37
23	**59.85**	59.50	59.10	58.90	58.75	59.18	59.49	59.48	59.66	59.43	59.21	58.77
24	58.90	58.55	58.50	58.50	58.45	58.24	58.49	**59.09**	**59.09**	59.05	58.89	58.19
25	58.10	57.95	57.80	57.85	57.70	57.69	58.09	58.07	58.50	58.59	58.48	57.98
26	58.45	58.30	58.20	58	58.10	58.22	**58.77**	58.74	58.60	58.24	57.99	57.72
27	**57.55**	57.40	57.35	57.25	57.15	57.24	57.34	57.34	57.45	57.35	57.12	56.93
28	55.60	55.35	55.25	55.15	55.25	55.34	55.29	55.32	55.53	55.63	55.21	54.63
29	55.20	54.65	54.60	54.05	54.40	54.59	55.24	55.17	55.32	55.32	55.52	55.17
30	55.65	55.40	55.45	55.50	55.75	55.84	55.85	56.04	55.99	55.82	55.81	55.56
Mean	57.87	57.57	57.44	57.40	57.46	57.71	57.99	58.20	58.32	58.24	57.98	57.61

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	28	27.5	27.7	27.5	27.8	28.2	28.2	27.7	27.5	26	26.1	27.4
2	25.1	24.7	24.7	24.7	24.9	24.5	24.5	**24.2**	24.4	24.3	24.7	24.9
3	24	24.6	24.8	24.6	24.3	24.5	24.5	24.9	24.3	24.2	24.2	24.2
4	23.9	**23.7**	23.8	24	23.9	23.8	25	27.6	28.3	29	30	**31.1**
5	25.1	25.1	25.7	25.4	24.8	**24.4**	26.8	29.4	29.9	30.3	31.2	31
6	25	25	24.8	24.7	**24.5**	24.6	27	29.5	30.3	30.6	30.6	30.1
7	25.5	25.2	24.8	24.4	**24.2**	24.3	27.4	29	31.5	31.8	31.2	31.6
8	25.8	25.6	25.4	25.1	24.7	25	28.6	29.7	31	31.3	31	31.1
9	24.5	24	23.9	23.7	**23.5**	23.6	26.5	28.7	29.4	30	30.5	31
10	25.5	25.1	24.9	24.8	**24.5**	**24.5**	28	29.4	30.9	31.5	32.5	30.5
11	25.7	25.6	25.3	24.7	**24.6**	**24.6**	28.3	30.2	31	32	31.2	32
12	26.1	26.6	26	26	25.6	25.6	28.5	29.7	31	31.8	32.2	32.1
13	25.3	25.5	25.3	25	24.9	24.9	28.3	29.8	31.2	31.9	32.3	**33.2**
14	24.4	24.1	24.4	23.9	23.7	**23.4**	24.7	28.6	30.7	32	32.3	32.7
15	26.1	25.3	24.8	24.5	24.3	**24.2**	27.8	29.8	31.1	30.5	31.2	31.1
16	25	24.3	23.4	23.4	**23**	23.3	25.3	27.6	29.3	29.8	30.3	30.5
17	24.6	24.2	23.7	23.7	**23.6**	**23.6**	27	29.3	28.6	30	30.4	31.1
18	25.3	24.8	24.8	24.8	24.7	25.2	26.4	27.3	28.2	31.3	30.7	31.2
19	23.4	**23.3**	23.5	24	24.1	24.7	24.7	25.6	25.1	25.5	25.8	26.1
20	24	24.1	23.5	**23.1**	23.5	23.7	24	26.6	26.9	27	25.5	**27.7**
21	24.6	24.4	24.3	**23.9**	24.5	24.5	25.3	27.2	27.8	28.7	27.8	27.7
22	25.1	24.9	24.6	**24.5**	**24.5**	24.6	25.5	27.5	29.1	30.2	30.8	30.3
23	25.4	25.2	25.2	24.8	**24.4**	**24.4**	26.4	28.6	29.9	31	31.3	31.8
24	24.7	24.6	24.5	24.3	**24.1**	24.3	26.3	28	27.2	29.5	29.4	29.8
25	24.6	24.3	24	23.9	**23.7**	23.8	26	27.7	27.6	29.3	30	30.3
26	24.5	24.1	24.1	23.8	**23.6**	23.7	24.6	26.8	28.1	28.4	30.3	30
27	25.8	24.3	24.5	**24**	**24**	**24**	25.4	27.5	27.9	28.4	29.8	30.6
28	27.8	27.5	27.7	**27.2**	27.3	27.3	27.9	28.2	28.9	30	30	30.9
29	27	26.9	26.8	26.8	26.6	26.5	27	29.1	29.8	**30.9**	27.1	26.6
30	26	26.1	25.9	25.6	25.3	**25**	25.7	27.5	28.2	29.5	29.7	**30.3**
Mean	25.3	25	24.9	24.7	**24.6**	**24.6**	26.4	28.1	28.8	29.6	29.7	30

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
53.80	53.67	53.27	53.30	53.50	53.85	54.66	55.20	55.50	**56**	55.95	55.65	54.14
55.34	54.94	**54.48**	54.71	55.08	55.30	55.67	56.50	56.90	**57.45**	57.30	56.80	55.93
57.59	57.24	56.54	56.42	56.84	57.49	57.72	58.20	58.55	58.55	**59.15**	58.45	57.31
56.75	56.28	55.77	**55.76**	56.23	56.24	56.84	57.75	58.40	58.25	**58.50**	58.25	57.20
58.60	58.19	57.76	57.66	57.74	58.52	59.04	59.60	60.05	**60.45**	60.35	60.25	58.62
59.26	58.85	58.65	**58.52**	59.05	59.35	60	60.75	60.95	**61.50**	**61.50**	61.10	**59.94**
59	58.34	57.84	**57.53**	57.58	57.98	58.80	59.30	59.70	59.95	60	59.65	59.41
58.80	57.96	**57.29**	**57.29**	57.64	58.90	58.93	58.85	59.30	59.60	59.70	59.60	58.97
58.45	57.81	57.56	**57.13**	57.18	57.48	58.21	58.70	59.30	59.60	**60.20**	59.90	58.92
59.20	58.82	58.30	**58.23**	58.35	58.53	59.04	59.55	59.90	60.10	**60.35**	60.10	59.31
58.76	58.20	57.74	**57.45**	57.63	57.83	58.35	58.75	59.15	59.25	59.80	59.50	59.16
58.39	57.56	57.13	**57.08**	57.46	57.58	58.03	58.65	58.85	59.20	58.85	58.60	58.57
57.74	57.15	**56.98**	57.04	57.40	57.57	58.12	58.80	58.95	59.35	**59.50**	**59.50**	58.41
58.03	57.55	**57.35**	57.52	58.04	58.13	58.55	59	59.50	59.75	59.50	59.20	58.86
58.14	57.80	57.34	**57.08**	57.09	57.40	57.86	58.40	58.70	58.85	59.25	59	58.52
57.42	56.60	56.47	**56.35**	56.51	56.92	57.38	58.05	58.40	58.60	58.55	58.20	57.94
57.25	56.61	56.34	**56.27**	56.41	57.20	57.66	57.95	58.30	58.60	**59**	58.80	57.79
56.52	56.27	55.93	55.76	**55.59**	55.89	56.13	56.05	56.30	56.50	56.55	55.85	56.76
50.35	50.42	50.86	51.26	52.53	53.75	54.85	55.15	56.15	56.60	**56.70**	56.40	**53.26**
57.53	57.14	56.50	56.58	56.83	56.95	57.41	58	**58.35**	58.30	58.20	57.70	57.22
58.34	58.12	57.68	57.64	57.77	58.17	58.93	59.60	60.05	**60.20**	60.10	59.65	58.66
57.87	57.41	**57.21**	57.43	57.68	57.80	58.44	59.10	59.70	60.10	**60.30**	60.25	58.84
58.32	57.85	57.34	**57.24**	57.30	57.37	58.46	58.55	58.95	59.60	59.75	59.55	58.82
57.58	57.02	56.72	**56.52**	56.81	57.31	57.83	58.10	58.30	58.55	58.50	58.40	58.15
57.56	56.95	**56.53**	56.56	56.76	57.12	57.56	58.20	58.40	**58.80**	58.75	58.55	57.86
57.32	57.02	**56.42**	56.71	56.60	57.02	57.22	57.60	57.90	58.45	58.15	57.85	57.82
56.44	55.83	55.37	55.12	**55.11**	55.30	55.40	55.90	56.15	56.55	56.55	56.05	56.55
54.32	53.95	53.85	**53.70**	54.01	54.24	54.60	55.10	55.35	**55.85**	**55.85**	55.40	54.99
54.57	54.35	**53.88**	54.33	54.58	54.48	55.04	55.30	55.75	55.90	56.45	**56.50**	55.02
55.36	55.06	54.80	54.60	**54.48**	54.96	55.59	55.85	56.10	**56.35**	**56.35**	56.30	55.60
57.15	56.70	56.33	**56.29**	56.53	56.89	57.41	57.88	58.26	58.56	**58.66**	58.37	57.62

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.6	**28.6**	**28.6**	27.9	27.6	26.3	25.6	25.4	25.5	25.5	**25**	25.1	27.1
26.4	25.5	25	25.5	24.9	24.6	25.2	25.3	25.1	24.8	25.2	**24.2**	24.9
24.7	25	25.3	**25.4**	24.5	24.3	24.2	24.1	24.2	24.3	24.4	**23.7**	**24.5**
30.7	31	30.6	29.9	28.2	27.1	26.5	26.3	26.2	26	25.7	25.2	27
31.9	31.2	31.2	30.9	29.2	28.6	28	28	28	27	26	25.6	28.1
31.2	31.3	**31.7**	30.5	29.9	29.1	28.4	28.3	28	27.8	26.4	26.1	28.1
31.8	32.5	32.9	**33.4**	32.5	30.6	29.5	27.7	27.3	27.6	27.4	26.6	28.8
31.8	32.2	32.5	**32.9**	31.5	28.4	25.2	**24.1**	**24.1**	24.2	24.7	24.6	27.9
32.2	32.7	32.8	**32.9**	32.6	30.6	28.7	28.9	28.7	27.7	27.6	25.7	28.4
31.5	32.5	**33**	32.4	32	30.8	28.2	29.1	28.4	27.7	27	26.5	28.8
32.5	32.7	32.4	**32.8**	32.4	30.8	28.7	29	28.8	27.9	27.2	26.4	**29**
32.4	**32.7**	32.3	30.1	30.8	29.7	29.2	28.9	26.8	26.5	26	**25.3**	28.8
31.2	32.7	32.3	31.4	28.5	26.7	25.8	25.6	25.4	25.2	24.7	**24.6**	28
33.4	34	**34.1**	34	29.4	29	28.4	28.2	28.1	28.3	27.2	26.3	28.6
31.8	32.5	33.2	**33.3**	32.5	30.1	28.8	28.6	27.8	26.5	26.3	25.3	28.6
31.6	**32.2**	28.9	27.1	27	27.1	26.6	26.6	25.9	25.4	24.8	24.7	26.8
31.7	**32**	31.8	31.5	29.3	28.4	27.5	27	26.7	26.5	26.4	26.2	27.7
31.7	30.7	29.1	29.1	28.8	27.9	25.9	26.5	26.8	26.6	24.9	**24.3**	27.4
26.5	26	25.1	24.5	24.5	24.5	24.9	24.3	24.1	25.1	25.8	24.4	24.8
26.5	25.8	26.2	26.4	25.9	25.6	25.1	25	25.1	24.8	24.7	24.7	25.2
28.2	29.6	**29.8**	29.2	28.5	27.3	26.8	26.4	25.9	25.3	25.2	25.2	26.6
30.8	**31.3**	29.2	29.9	30.2	27.9	26.8	26	26	26	25.9	25.5	27.4
32.5	32.1	32.2	32.1	29.9	28.7	27.7	26.7	26	25.3	25.1	24.8	28
30.2	**30.3**	27.5	28.9	27.7	26.8	26.3	25.7	25.6	25.2	24.9	24.7	26.7
30.6	**32.1**	30.8	26.5	26.8	26.5	25.8	25.5	25.3	25.3	25.1	24.7	26.7
30.3	**30.7**	**30.7**	29.6	29.4	28.6	27.9	27.6	27.5	26.6	26.3	25.8	27.2
30.6	30.8	30.7	**31**	29.5	28.6	28.4	28.2	28.1	28.2	28.1	27.8	27.8
31.5	31.3	30.2	30.1	30.1	28.3	27.9	27.7	27.5	27.6	27.4	27.4	28.7
28.5	28.5	27.7	27.1	28	27.1	27.5	27.7	27.2	27.7	27	**26.1**	27.6
30.3	30	29.4	29.4	28.2	27.2	27	26.9	26.6	26.4	25.8	25.1	27.4
30.5	**30.7**	30.2	29.9	29	27.9	27.1	26.8	26.6	26.3	25.9	25.4	27.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	78	78.5	78	82	81	79.5	79.5	84	83	**93**	91	83
2	93	95	96	97	96	97	96	94	97	96	94	93
3	94	97	96	97	97	**98**	96	93	91	94	97	93
4	92	**94**	92	91	91	92	92	82	74.5	76	**64**	67
5	86	83	81	82	83	85	82	68	65	68	63	**62**
6	93	92	93	93	93	**94**	90	80	68	69	70	71
7	**97**	95	94	96	**97**	**97**	89	83	73	65	73	71
8	93	93	95	97	98	**99**	84	75	66	64	67	68
9	90	91	90	92	**93**	**93**	88	77	75	73	70	70
10	86	90	91	91	91	**93**	85	71	67	66	63	69
11	87	88	89	**92**	88	87	79	68	62	60	66	65
12	89	87	91	92	**93**	90	77	71	64	60.5	63	58
13	85	88	93	92	92	92	80	73	69	63	62	**61.5**
14	92	96	95	98	**99**	97	96	80	69	63	58	59.5
15	82	83.5	87	**90**	**90**	87	80	63	61	68	66	67
16	81	83	90	89	91	90	82	70	68	66	71	66.5
17	92	91	**93**	**93**	92	91	84	70	76	66	70	69
18	85	87	87	86	86	**88**	84	82	76	68	67	61
19	95	96	**97**	91	92	92	**97**	93	86	85	83	84
20	92	92	89	92	93	93	**96**	**84**	89	90	92	86
21	93	95	**96**	**96**	87	87	89	85	82	81	82	83
22	92	93	94	**95**	94	93	94	89	83	72	**64**	71.5
23	93	94	93	97	**98**	97	89	75	71	65	65	**61**
24	92	91	91.5	95	95	96	83	77	84	76	75	73
25	**97**	**97**	95	96	94	94	90	83	84	74	71	73
26	91	91	91	90	91	91	**92**	82	75	73	68	69
27	92	93	93	**94**	92	93	93	82	79	76	73	72
28	84	83	84	84	84	84	83	85	84	78	76	76
29	86.5	90	89	89	91	91	**94**	80	81	**78.5**	90	93
30	92	92	90	90	91	**93**	90	81	82	80	77	75.5
Mean	89.8	90.6	91.1	**92**	91.8	91.8	87.8	79.3	76.2	73.6	73	72.4

VAPOR PRESSURE (^{mm}).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.9	**21.4**	21.6	22.4	22.4	22.5	22.5	**23.3**	22.6	23.1	22.9	22.5
2	22.1	21.9	22.2	22.3	22.4	22.3	21.9	21.1	21.9	21.6	21.8	21.8
3	20.8	22.4	22.3	22.2	22	**22.4**	21.9	21.8	20.6	21.1	21.7	20.9
4	20.3	20.5	20.2	20.3	20.1	20.2	21.7	22.5	21.3	22.5	20.1	22.4
5	20.4	19.6	20	19.8	19.4	**19.3**	21.4	20.6	20.3	21.7	21.3	20.8
6	22	21.7	21.7	21.5	**21.3**	21.6	23.7	**24.5**	21.7	22.6	22.7	22.6
7	23.4	22.6	21.9	**21.7**	**21.7**	22	24.1	24.6	**25**	22.8	24.8	24.5
8	22.8	22.8	22.9	22.9	22.7	23.3	**24.4**	23.3	22.3	21.7	22.3	22.8
9	20.5	20.3	**19.8**	20.1	20	20.1	22.6	22.5	22.9	23.1	22.6	23.3
10	**20.9**	21.3	21.2	21.1	21.3	21.4	**23.8**	21.6	22.4	22.6	23.5	22.4
11	21.3	21.4	21.4	21.4	20.3	**20.1**	22.5	21.7	20.6	21.3	22.2	**23**
12	22.2	22.6	22.7	**22.9**	22.8	22	22.2	21.9	21.2	21.1	22.4	20.8
13	20.4	21.4	22.2	21.7	21.6	21.4	22.9	22.6	23.2	22.2	22.4	23.3
14	21	21.4	21.6	21.6	21.6	20.8	22.2	**23.4**	22.5	22.3	20.8	21.8
15	20.5	20	20.2	20.5	20.3	**19.6**	22.2	**19.6**	20.6	22.2	22.4	22.7
16	19.1	**18.8**	19.2	19	19	19.2	19.6	19.4	20.6	20.6	**22.7**	21.5
17	21.1	20.5	20.2	20.2	19.9	19.8	22.3	21.1	22.1	20.9	22.7	**23.1**
18	20.4	20.2	20.3	19.9	19.8	20.8	21.5	22.1	21.6	**23.1**	22.1	20.7
19	20.3	20.3	20.7	20.3	20.6	21.4	22.5	22.8	20.4	20.7	20.5	21.1
20	20.4	20.6	**19.1**	19.4	20	20.2	21.2	21.8	23.4	**24**	22.2	23.7
21	21.4	21.6	21.6	21.1	20	**19.8**	21.4	22.8	22.6	**23.7**	22.8	22.9
22	21.9	21.8	21.6	21.7	21.5	21.4	22.8	24.2	**24.9**	23	21.2	22.9
23	22.3	22.4	22.2	22.5	22.3	22.1	22.7	21.9	22.3	21.9	22.1	21.4
24	21.2	**20.8**	20.9	21.4	21.1	21.6	21.2	21.5	22.6	23.2	22.9	22.6
25	22.2	21.8	21	21.1	**20.5**	20.6	22.5	22.9	23.2	22.5	22.5	23.3
26	20.7	20.4	20.4	**19.7**	19.8	19.9	21.1	21.4	21.2	21	21.7	21.8
27	22.7	21	21.3	20.8	**20.4**	20.7	22.3	22.4	22.2	21.9	22.6	23.6
28	23.2	**22.6**	23.1	**22.6**	22.7	22.7	23.2	24.1	24.9	24.6	23.9	25.4
29	**22.9**	23.8	23.3	23.3	23.5	23.4	24.8	23.9	25.2	**26**	24.1	24
30	22.9	23	22.4	22	21.8	22	22.1	22	23.2	**24.5**	23.7	24.2
Mean	21.4	21.4	21.3	21.2	**21.1**	21.2	22.4	22.3	22.3	22.4	22.4	22.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
78	**75**	78	82	81	88	90	**93**	92	**93**	92	92	84.4
91	93	**98**	94	95	95	92.5	94	92	92	92	93	**94.4**
92	**90**	93	**90**	93	94	94	94	94	97	**90**	92	94
67	67	67	69	78	87	84	84	80	73	79	83	80.2
62.5	66	67.5	67	71.5	76	80	81	81	89	90	**91**	76.3
69	**65**	**65**	70	72	77	80	79	82	81	**94**	**94**	80.6
70	**61**	63	62	62	68	75	79	81	84	85	88	79.5
64	63	**59**	60	64	67	81	82	86	86	87	89	78.6
66	62	64	**60**	61	72	77	75	78	79	82	86	77.7
64	63	**60**	62	61	63.5	79.5	76	79	82	83	83	75.8
63	58	60	57	**56**	67	78	76	78	82	81	87	**73.9**
59	59.5	**57**	69	65	69	70	76	83	83	83	83.5	74.7
68	64	64	65	72	77	84	86	87	91	**94**	92	78.9
57	**54**	**54**	55.5	66	76	81	77	81	79	83	90	77.3
65	65	60	**58**	**58**	66	73	71	76	86	86	84	**73.9**
62	**58**	71	78	81	82	86	84	87	87	89	**92**	79.4
64	**63**	65	66	76	79	83	80.5	84	80	76	78	78.4
56	59	73	72	67	74	79	75	74	74	85	**88**	76.4
86	92	92	95	96	89	89	89	92	83	**77**	87	89.9
89	91	89	87	89	91	93	92	95	95	95	93	91.1
79	75	**67**	69	78	83	85	86	89	90	91	91	85
69	70	76	75	74	83	81	83	88	91	93.5	92	83.8
66	63	62	**61**	69	75	78	83	86	89	88	91	79.5
73	**71**	76	73	84	91	90	92	93	94	94	**97**	85.7
68	**63**	66	83	87	92	94	96	96	93	94	94	86.4
70	67	**61**	72	75	78	79	80	80	85	86	**92**	80.4
69	**69**	73	72	78	80	83	82	82	80	84	86	82.1
75	75	77.5	**74**	**74**	85	82	85	86	**87**	**87**	**87**	81.6
87	81	87	87	82	88	86	84	89	86	89	93	87.2
70	**70**	74	74.5	77	78	80	81	83	82	88	91	82.6
70.6	**69.1**	70.6	72	74.8	79.7	82.9	83.2	85.1	85.8	87.2	89.3	81.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.6	21.9	22.7	23	22.1	22.3	22	22.5	22.2	22.6	21.7	21.9	22.4
23.3	22.6	22.9	22.8	22.2	21.8	22	22.6	21.9	21.3	21.8	**20.9**	22.1
21.4	21.2	22.2	21.7	21.3	21.2	21.1	21	21.1	21.8	20.4	**20.1**	21.4
22.1	22.3	21.7	21.7	22.1	**23.1**	21.6	21.3	20.2	**18.3**	19.4	19.9	21.1
21.9	22.4	22.8	22.4	21.5	22.1	22.5	22.7	22.7	**23.5**	22.5	22.1	21.4
23.2	22.1	22.7	22.8	22.6	23.1	22.8	22.5	22.9	22.4	23.9	23.4	22.6
24.6	22.2	23.4	23.6	22.4	22.1	23	21.9	**21.7**	23.2	23	22.7	23
22.4	22.4	21.5	22.1	22	19.2	19.3	**18.4**	19.1	19.2	20.2	20.4	21.7
23.4	23	**23.5**	22.1	22.2	23.4	22.5	22.1	22.7	21.9	22.5	21.1	22
22	23.1	22.5	22.5	21.7	**20.9**	22.5	22.7	22.7	22.7	22.1	21.4	22.1
22.8	21.3	21.6	20.9	20.4	22.2	22.9	22.7	22.8	22.7	21.6	22.3	21.7
21.4	21.8	20.7	22	21.6	21.5	21.1	22.4	21.8	21.4	20.7	**20**	21.7
23	**23.4**	22.9	22.2	20.8	**20.1**	20.7	21	20.9	21.6	21.8	21.1	21.9
21.8	21.3	21.4	21.9	**20**	22.7	23.3	22	22.9	22.5	22.2	22.8	21.9
22.8	**23.5**	22.7	21.9	21.1	21	21.4	20.7	21	22	21.9	20.2	21.3
21.3	20.7	21.1	20.8	21.5	21.8	22.2	21.8	21.6	20.9	20.8	21.2	20.6
22.3	22.3	22.8	22.6	**23.1**	22.7	22.6	21.3	21.9	20.6	**19.3**	19.7	21.5
19.6	19.4	21.8	21.6	19.8	20.6	19.6	19.3	19.5	**19.2**	19.9	19.9	**20.5**
22.2	**22.9**	21.9	21.7	21.9	20.3	20.9	20.1	20.6	19.6	**19**	19.7	20.9
22.8	22.4	22.4	22.3	22.2	22.1	22.1	21.7	22.5	22.1	21.9	21.5	21.8
22.4	22.9	21	20.7	22.6	22.3	22.2	22	22.2	21.5	21.6	21.6	21.9
22.6	23.8	23	23.4	23.7	23.2	21.2	**20.7**	21.9	22.7	23.2	22.2	22.5
24.1	22.5	22.2	21.6	21.7	22.1	21.5	21.5	21.5	21.4	**20.7**	21.1	22
23.2	22.7	**20.8**	21.5	23.3	**23.8**	22.8	22.5	22.5	22.4	22	22.3	22.1
22.1	22.2	21.8	21.4	22.8	**23.6**	23.2	23.2	23	22.3	22.3	21.8	22.2
22.5	21.8	20	22.1	**22.9**	22.7	22.2	21.9	21.8	21.9	21.9	22.7	21.4
22.6	22.6	23.9	**24**	23.8	23.4	23.9	23.4	23.3	22.8	23.7	23.9	22.6
25.6	**25.6**	24.7	23.5	23.5	24.4	22.7	23.5	23.4	24	23.7	23.7	**23.8**
25.1	23.4	23.9	23.1	**22.9**	23.5	23.4	23.3	23.8	23.7	23.5	23.3	**23.8**
22.5	22.1	22.5	22.6	22	**21**	21.1	21.3	21.4	21.1	21.6	21.5	22.3
22.7	22.4	22.3	22.2	22.1	22.1	22	21.8	21.9	21.8	21.7	21.5	21.9

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----	Cu.-N. WSW	----	Cu.-N. WSW	----	N.	----	N.	----	Fr.-N. SW
2	----	N.	----	N. SW	----	N. SW	----	N. SW	----	N.
3	----	Fr.-N.	----	N.	----	N.	----	N.	----	N.
4	A.-Cu.	Cu.	A.-Cu. E	Cu.	A.-Cu. E	S.-Cu.	Ci.-S.	S.-Cu.	----	N.-cf.
5	A.-Cu. NNW	Cu.	Ci.-S.	Fr.-Cu. SWbyW	Ci.-S.	Fr. -Cu. SbyW	Ci.-S.	Cu.	Ci.-S.	Cu.
6	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S. N	Cu.	Ci.	Cu.	A.-Cu.	Cu.
7	Ci.	Cu.	Ci. ENE	Cu.	Ci.	Cu.	Ci.	Cu.-N. ESE	Ci.	Cu.
8	Ci. NE	Cu.	Ci. NE	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E
9	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
10	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
11	----	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
12	----	Cu.	Ci.	Cu.	----	Cu. E	----	Cu. E	Ci.	Cu. E
13	Ci.-S.	Cu.	Ci.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. EbyS	Ci.	Cu. EbyS
14	Ci.	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu.	Ci.-S. E	Cu. ESE	Ci.-S.	Cu.
15	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	----	Cu. E	----	Cu. E
16	Ci.-S.	Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
17	Ci.-S. ENE	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. E	Ci.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE
18	Ci. SE	Cu.	Ci.-S.	Cu. NEbyE	Ci.-S.	Cu. NEbyE	Ci.-S.	Cu. NEbyE	Ci.-S.	Cu.
19	----	N. NWbyN	----	N. NW	----	N. NW	----	N.	----	N.
20	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. swbys	Ci.-S.	Fr.N. swbys	Ci.-S.	N.-cf.
21	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. WSW	Ci.-S.	S.-Cu. WSW	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.
22	A.-Cu.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu.
23	A.-Cu. ENE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu. E	Ci.-S.	Cu.
24	Ci.-S. W	Cu.	Ci.-S.	Cu. SE	Ci.-S.	Cu. SE	Ci.-S.	Cu.	Ci.-S.	Cu.
25	Ci.-S. ESE	Cu. E	Ci.	Cu.-N. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.
26	A.-Cu. E	Cu.-N.	Ci.-S.	Cu.	A.-Cu. E	Cu.	Ci.-S. ESE	Cu.	Ci.-S.	Cu.
27	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
28	Ci.-S.	Fr-N. W	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
29	Ci.-S. NE	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. wsw	----	Cu.-N. wsw	----	Cu.-N. wsw
30	A.-Cu. WNW	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----	Fr.-N. SW	----	Fr.-N. SW	----	N. SW	----	Fr.-N. SW	----	Fr.-N. SW
2	----	N.	----	N. SW	----	N.	----	N. SW	----	N.
3	----	N.	----	N. WSW	Ci.-S.	Fr.-N.	----	Cu.-N. wsw	----	Cu.-N. wsw
4	A.-Cu.	Cu.	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu. SWbyS	Ci.-S.	S.-Cu.
5	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
6	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N. E	----	Cu.-N. E
7	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.	Ci.	Cu.	----	Cu.-N. ESE
8	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.	----	Cu.-N. EbyS	----	Cu.-N. EbyS
9	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
10	Ci.	Cu. E	----	Cu.	----	Cu.	----	Cu.	----	Cu.
11	----	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
12	Ci.	Cu. E	----	Cu. E	----	Cu.-N. E	----	Cu.	Ci.	Cu.
13	A.-Cu.	Cu.	Ci.-Cu.	Cu.-N.	----	Cu.-N. EbyS	----	Cu.-N. ESE	----	Cu.-N. ESE
14	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.
15	Ci.	Cu.-N. E	----	Cu. E	----	Cu. E	----	Cu.	----	Cu.
16	Ci.-S.	Cu. E	----	Cu. E	----	N. E	----	Cu.-N.	Ci.-S.	Cu.-N.
17	Ci.	Cu. ENE	----	Cu.-N. ENE	Ci.	Cu.	Ci.	Cu.-N. ENE	Ci.	Cu.
18	Ci.-S.	N.-cf.	Ci.-S.	Cu.-N.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu.
19	----	N.	----	N. NW	----	N.	----	N.	----	N. WSW
20	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N. swbys	A.-S.	Fr.-N.	Ci.-S.	Fr.-N.	Ci.-S.	Cu.-N.
21	Ci.-S.	Cu.	A.-Cu. SE	Cu.	A.-Cu. SE	Cu.	Ci.-S.	N.-cf.	A.-Cu.	Cu.
22	Ci.-S.	Cu.	Ci.	Cu.-N. E	----	Cu.-N. E	----	Cu.-N. E	Ci.	Cu.-N.
23	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N.	Ci.	Cu.-N.
24	Ci.-S.	Cu. SEbyE	Ci.-S.	Cu.-N. SE	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.
25	----	Cu.-N. E	Ci.	Cu.-N.	Ci.-S.	Cu.-N.	----	Cu.-N. E	Ci.-Cu.	Cu.-N. E
26	Ci. E	Cu.	Ci. E	Cu.	Ci.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.	Cu.
27	Ci.-S. ENE	Cu.	Ci.-S. ENE	Cu.	Ci.-S. ENE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
28	Ci.	Cu. W	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
29	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. wsw	----	Cu.-N. wsw	----	Cu. W
30	Ci.-S.	Cu.	A.-Cu. WNW	Cu.	Ci.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. WSW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SW 7.5	SWbyS 8	SSW 5	SW 8	SW 8.5	SW 7	SW 6.5	SW 6	SW 10.5	SW 7	SSW 9	SSW 4.5
2	SSW 3.5	SbyW 6	SbyW 4	SSW 4	SSW 3	SSW 7.5	SSW 6	SSW 5	ESE 1.5	ESE 4	SE 3	SE 1
3	SSE 2.5	SbyW 5.5	SWbyS 4.5	SSE 3	SSE 2.5	SW 7	SW 12.5	SbyW 10.5	S 2	Calm	SW 7	SW 11.5
4	ESE .5	ESE .5	ESE .5	SE 1	ESE 1	E .5	ESE .5	ESE 2	SE 4.5	SE 1.5	SE 6	SE 1.5
5	SE 1	SE 2	SSW 2	S 2	Calm	SE 1	Calm	Calm	S 1	SSW 1.5	SW 6	SW 6
6	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S 1.5	WbyS 3	WSW 3.5
7	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 1.5	SE 2	SSE 1	WSW 2.5	WSW 2
8	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1	W 2	WNW 3	WNW 4
9	Calm	NNE .5	NE 1	Calm	NE .5	Calm	Calm	Calm	SW 2	W 3	WNW 3.5	WNW 3
10	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	ESE 2.5	SE 2	SE 1.5	ENE 2	WNW 4
11	Calm	SSW 1	Calm	ESE .5	Calm	Calm	EbyS .5	E .5	Calm	ESE 2.5	WNW 3.5	W 3.5
12	Calm	Calm	Calm	Calm	Calm	E 1.5	ESE 2	SE 2	SE 1.5	NE 1	ESE 1.5	WNW 3
13	Calm	Calm	Calm	Calm	Calm	Calm	E 3	SE 1.5	SE 2	E 1.5	SSE 1.5	SE 1.5
14	Calm	Calm	N .5	Calm	Calm	EbyN .5	EbyN 1	Calm	SE 2	Calm	ESE 2	SE 3
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	WNW 1	WNW 5	WNW 3.5
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1.5	Calm	SW 2.5	SW 1.5
17	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 2	WSW 2	W 4	W 2.5	W 3
18	Calm	Calm	Calm	Calm	N 1	N 2.5	NbyE 2	ENE 2.5	ESE 1	Calm	NNE 3	NNE 4.5
19	N 2	NNW 1	NW 1	NW 6	NW 10	NW 9.5	NW 10	NNW 13	NWbyW 14.5	NW 12	wbyN 15	W 16
20	SSE 2.5	SSE 4.5	SSE 3	SSE 4.5	SSE 2.5	Calm	Calm	Calm	SE 2.5	Calm	Calm	SW 2.5
21	ESE 1	Calm	Calm	Calm	ESE .5	ENE 1.5	ENE 1.5	Calm	Calm	Calm	W 1	NW 2
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1
23	Calm	SE 1	Calm	Calm	Calm	Calm	E .5	Calm	EbyS 1	Calm	SE 2.5	SE 5.5
24	Calm	Calm	Calm	NE 1	NE 1.5	NNE 2	NNE .5	Calm	Calm	Calm	WSW .5	W 1
25	Calm	Calm	NE .5	NE 1	NE 1	Calm	Calm	Calm	Calm	W 1	W 1	W .5
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N 3.5	N 3	W 3.5
27	S 2.5	NW .5	ENE 5	ENE .5	Calm	Calm	Calm	Calm	Calm	NW 1	WW 1	W 2
28	WNW 3.5	WNW 3	W 3	NW 2	NWbyW 2.5	NW 3.5	NW 3	WbyS 4.5	NNW 1.5	WNW 4.5	WbyN 3	WSW 2
29	swbyw 4.5	SW 4.5	swbyw 5	WNW 4	swbyw 2.5	WSW 1	S 2	swbyw 5	WSW 4	W 7.5	SWbyS 5.5	Calm
30	SW 9	SW 9.5	SW 6	SWbyS 3.5	SbyW 2	Calm	Calm	Calm	Calm	WSW 3	WSW 6.5	swbyw 8
Mean	1.3	1.6	1.4	1.4	1.3	1.5	1.8	2	2	2.2	3.5	3.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SSW 4.5	SSW 7.5	SSW 6	SSW 1.5	SbyW 7	SbyW 7.5	SbyW 7.5	SbyW 4	SbyW 3.5	SbyW 3	SbyW 6	SbyW 3	6.2
2	Calm	S 2	SW 16	WSW 17	S 4.5	S 4	SW 10.5	SSW 5.5	SSW 8.5	SSW 5	SbyW 5.5	SSE 4	5.5
3	SSW 5.5	S 3.5	SbyW 4	SSW 3	SSW 4.5	S 2	Calm	SE 2	SE 1.5	SE 2	S 2	SE .5	4.1
4	SE 4	SSW 3.5	SbyW 3.5	SbyW 3	SE 4	SE 3	SE 3	SSW 3.5	S 4	SbyE 3	SE 2	SE 2	2.4
5	WSW 4.5	WSW 4	WSW 4	WSW 4.5	WSW 5	WSW 4	WSW 2.5	SWbyW 4.5	SW 2	Calm	Calm	Calm	2.4
6	WbyN 4.5	W 4	WSW 3.5	WbyS 2	swbyw 2	SW 3.5	WSW 3.5	WSW 2	WSW 1.5	Calm	Calm	Calm	1.4
7	WbyS 2	SE 1	Calm	NW 2.5	NW 2	NW 1	WSW 2	Calm	Calm	S 2	S 2	SEbyS 1.5	1
8	WNW 4.5	WNW 4.5	NW 4.5	WbyN 5	WNW 2	NE 4	Calm	NE 1.5	Calm	NE 1	Calm	Calm	1.5
9	W 1.5	W .5	W .5	W 3	NW 1.5	Calm	Calm	Calm	SbyW 1.5	S 3.5	Calm	Calm	1.1
10	WNW 4.5	NW 3	WNW 2.5	WNW 4	WbyN 2.5	WNW 1	Calm	SW 2.5	SSW 2.5	SSW .5	SSW .5	Calm	1.6
11	WbyN 4.5	WNW 1.5	W 4	WNW 2.5	W 1	Calm	Calm	Calm	S 2	SEbyS 2	Calm	Calm	1.2
12	WSW 2	Calm	WbyS 3	NE 2	Calm	SW 2	SW 2	SW 2.5	SE 2.5	Calm	Calm	Calm	1.2
13	WNW 3	WNW 2	WSW 1.5	SSW 2.5	N 1	Calm	Calm	Calm	Calm	Calm	Calm	N .5	.9
14	SE 2.5	SSE 1.5	SE .5	W 1.5	ENE 1.5	NE 1	Calm	Calm	Calm	S .5	Calm	Calm	.8
15	W 3	WNW 2	NW 2	W 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
16	WNW 2	NW 2.5	NEbyN 1	ESE 2	Calm	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	.6
17	WbyN 2	WbyN 2.5	WNW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NEbyN 1	.8
18	NE 2.5	NEbyN 3.5	Calm	NNW 2	N 2.5	NE 2.5	N 2.5	NbyE 3.5	N 4	N 3	NbyW 2.5	N 3	2
19	W 10	WSW 12	SW 18	SW 20	SW 7	SSW 9	SSW 8	SSW 5	SbyW 2.5	SW 6	SW 9	SSE 3.5	9.2
20	SW 1	SWbyS 1	SSW .5	SW 1	Calm	SE .5	SE 1.5	SE 2	ESE .5	ESE .5	ESE .5	ESE 1	1.3
21	NW 3	WNW 1.5	Calm	Calm	Calm	Calm	Calm	WbyN 1.5	W 1	Calm	Calm	Calm	.6
22	Calm	WNW 1	NWbyN 2.5	NW 1.5	W .5	Calm	SSE 2	SSE 2	S 2	S 2	E 2	Calm	.7
23	SE 4.5	SE 5	SE 4.5	SE 3.5	SE 2	SE 2	SE .5	Calm	Calm	Calm	Calm	Calm	1.4
24	W 3.5	W 1	N 1	N 2	N .5	Calm	Calm	Calm	Calm	SE 1	NNE .5	E .5	.7
25	NW 7	NW 1	NW 1.5	NW 2.5	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
26	W 2.5	WSW 1	swbyw 3	SW 1	WSW 1	SW 1.5	SW 1	SSW 3	S 1	S 1	Calm	Calm	1.1
27	W 3	WSW 2.5	WSW 4.5	WSW 6.5	swbyw 5	SW 4.5	SW 4	WSW 7.5	WSW 4.5	WbyS 2	SWbyW 3	WSW 3.5	2.6
28	WSW 2.5	SW 4.5	SW 4.5	SW 5.5	SW 5.5	SW 5	SW 4	SW 4.5	SWbyW 6	WSW 6	SWbyW 6.5	SWbyW 7	4.1
29	SW 3.5	SW 6	SW 8.5	SW 12	SW 8.5	SW 9	SW 7	SWbyW 7	SW 9.5	WSW 7	SWbyW 6	SW 7	5.7
30	WSW 6	SW 4.5	SSW 5	SW 3.5	swbys 4.5	SW 3.5	SW 3.5	SW 5	SSW 3.5	SSW 2	Calm	Calm	3.7
Mean	3.4	3	3.7	3.9	2.6	2.4	2.2	2.3	2.1	1.8	1.6	1.3	2.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	26.5	27.5	22	28	36	22.5	29.5	37	25	**45**	36	16
2	18	24	19	20	15	19	16	13	4	7	8	6
3	14	29	25	18	9	8	**45**	39	13	1	11.5	41.5
4	3.5	2	2.5	4.5	3.5	3.5	4.5	6	13.5	11.5	15	12.5
5	4	8	6	6	3	4	3	2	3	2	11	21
6	.5	1	2	1.5	.5	.5	.5	1.5	2.5	3	9	11
7	0	0	0	0	0	0	0	2	4	3	8	8
8	1	3	1	0	0	0	2	3.5	1.5	5	12.5	13
9	2	1.5	3.5	3.5	1.5	1.5	0	1	4.5	6	12	10
10	0	.5	.5	.5	0	0	2	10	8.5	5.5	3.5	10.5
11	1	.5	1	1	0	0	1.5	4	3	2	**16.5**	12
12	0	0	0	0	1	1.5	5.5	12	10	3	2	14
13	0	0	0	0	0	2	3	4	3	3.5	2	2.5
14	.5	0	2	0	.5	.5	0	.5	2	5.5	13	7
15	1	1	1	0	1	.5	.5	.5	1.5	1	10	**12**
16	1	1	0	0	.5	0	0	1.5	1	2	3.5	2.5
17	0	0	0	0	1.5	1.5	0	0	1.5	7.5	**14**	13
18	3	2	2	3.5	4.5	9	9	10	4.5	1.5	9	13
19	5	3	3	21	29	30	27	41	46	38	57	48
20	9	11	13	**14**	11	6	6	9	7	5	6.5	12
21	2	3	.5	1	.5	2	1.5	1	0	.5	7.5	**12**
22	1	0	0	.5	.5	0	.5	2.5	4.5	6	7	6
23	5	4	3	1	0	.5	3.5	7	5	6	11	16
24	.5	1	1	3	7	9	6	1	5.5	4.5	5	**9**
25	2	.5	3	2.5	3	2	1	.5	2.5	5	12	10
26	4	3	2	1	1	2	.5	1.5	9	9	12.5	**13**
27	.5	13.5	7.5	4.5	.5	0	.5	3.5	6.5	8.5	7.5	11
28	14	11.5	10	11.5	8	13	12	15	8.5	8.5	12.5	7.5
29	19	23	19	17	13	7	8	10	15	17	18	20
30	**33**	27	23	15	10	2	1.5	2.5	1	6.5	26.5	26
Mean	5.7	6.7	5.8	6	5.4	**4.9**	6.3	8.1	7.2	7.6	12.6	13.9

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
2	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
3	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
4	9	9	9	9	9	10	10	10	10	10	10	10	9.6	2	30
5	9	9	7	10	10	10	9	10	10	10	10	10	9.5	1	15
6	10	8	9	7	8	8	6	7	7	8	9	8	7.9	7	35
7	6	8	7	4	6	5	5	7	8	6	5	4	5.9	8	30
8	6	6	7	7	8	5	6	5	3	5	8	10	6.3	8	30
9	2	3	3	3	4	5	3	4	4	2	3	3	3.2	9	40
10	2	2	3	2	6	6	6	2	3	3	2	2	3.2	**10**	**00**
11	0	0	3	2	7	5	3	3	2	2	3	4	**2.8**	9	45
12	2	2	2	5	6	7	7	6	7	7	5	5	5.1	8	00
13	3	3	3	4	5	6	5	4	6	7	8	6	5	8	20
14	4	7	7	7	8	8	5	6	5	7	9	8	6.8	8	40
15	4	2	3	5	5	5	7	5	4	4	5	5	4.5	9	50
16	4	6	6	8	8	9	9	8	9	10	9	10	8	3	10
17	4	6	7	6	8	6	7	8	9	8	6	4	6.6	7	00
18	7	9	8	8	9	9	10	10	10	10	10	10	9.2	1	30
19	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
20	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
21	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	40
22	9	7	7	7	8	9	9	9	8	9	7	10	8.2	4	25
23	8	7	4	4	4	5	5	5	6	6	7	8	5.8	8	35
24	7	7	8	8	9	10	10	9	8	8	8	9	8.4	3	20
25	10	10	10	7	8	8	8	7	8	10	8	8	8.5	5	15
26	10	9	8	8	9	9	9	7	8	8	8	9	8.5	4	40
27	10	10	9	10	9	9	10	10	8	9	10	10	9.5	4	25
28	10	9	9	9	8	7	7	7	9	8	8	10	8.4	3	50
29	8	9	6	9	10	10	10	10	10	9	9	10	9.2	1	15
30	10	10	10	10	10	10	7	8	8	8	8	10	9.1	3	15
Total														143	55
Mean	**7.1**	7.3	7.2	7.3	**8.1**	8	7.8	7.6	7.7	7.8	7.8	**8.1**	7.6	4	48

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
17.5	20.5	17	13	23	26	25	19	18	14.5	20.5	15	24.2
1	6	23	**40**	33	22	26	31	33	26	30	16	19
24	15	14.5	12	24	10.5	5	6	5	6.5	14.5	2	16.4
10.5	8	15	12	13	10	12	**16**	**16**	11	10	7	9.6
22	19	18	24	**25**	**25**	23	18	13	4	.5	0	11
16	15	11.5	11.5	6	**16**	13	10	6.5	3.5	1	0	6
9	7	3	**7**	8	6	8	4	2	6	8	5	4.1
14.5	12.5	14	12	6	12.5	10	10	2	1	4	0	5.9
8.5	11	9.5	9	8	5	0	**4**	8	**13**	7	8.5	5.8
15	10.5	10	12	8.5	5.5	0	9	9.5	6.5	1.5	2.5	5.5
15	13	14	10	8	3	0	1	7	7	4	2	5.3
10	6	8	6	2	10	**16**	13	9	2	1	0	5.5
10	**12.5**	8.5	8	6	2.5	.5	.5	0	.5	0	1.5	**2.9**
7	7	5	5	**18**	3.5	1.5	2	1	3	1	0	3.6
12	8	10	7	3	.5	.5	3	3	0	0	0	3.2
7	14	**15**	7	3	2.5	1.5	1	4	4	0	1	3
11	11	5	5	1	1	0	3	0	1.5	2.5	8	3.7
11	**18**	4	7	9	5	14	14	13	13	11	12	8.4
48	45	62	**64**	49	34	45	31	12	19	35	18	**33.8**
11	6.5	3.5	3	2	3.5	4.5	5	4.5	1.5	2	2	6.6
7	6	7	6	4	0	2	6	5	7.5	0	1	3.5
6	8	**11**	5.5	4.5	2	8	8	6	6	7	3	4.3
21	**25**	21	19	12	9.5	7.5	6.5	1	.5	1	1.5	7.8
8	8	**19**	10	8.5	1.5	1.5	2.5	2	2	3	3	5.1
13	10	12	11	6	2	3	2	1.5	1.5	1	3	4.6
12	10	6.5	4.5	6.5	6	5.5	10	10.5	2.5	1	.5	5.6
8	7	11	16	19	**22**	**22**	**22**	17	8	13	13	10.1
13	20	25	26	**29**	26	23	28	26	21	26	24	17.5
8	22	35	**41**	39	37	37	32	31	26	19	28	22.5
28	24	23	18	20	18	20	20	19	9	7	0	15.8
13.5	13.5	**14.7**	14.4	13.5	10.9	11.2	11.2	9.5	7.6	7.7	5.9	9.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	------	------	------	------	------	------	------	------	------	15	9	------	------	------	------	------	------	580	0.8	21.3
2	------	------	------	------	------	2	2	1	3	12	2	1	------	------	------	------	1	456	**0**	106.3
3	------	------	------	------	------	------	4	3	4	6	5	------	------	------	------	------	2	393	**0**	**109.7**
4	------	------	------	------	1	6	11	------	2	4	------	------	------	------	------	------	------	223	4.3	.3
5	------	------	------	------	------	------	3	------	2	2	3	8	------	------	------	------	6	264.5	4.2	------
6	------	------	------	------	------	------	------	------	1	------	1	6	3	1	------	------	12	143.5	4	------
7	------	------	------	------	------	------	3	2	2	------	------	3	1	------	3	------	10	98	4.7	------
8	------	------	3	------	------	1	------	------	------	------	------	------	1	6	1	------	12	141	3.4	6.4
9	------	1	2	------	------	------	------	------	1	1	1	------	5	2	1	------	10	138.5	4.7	------
10	------	------	------	1	------	1	3	------	------	3	1	------	------	6	1	------	8	132	5.1	------
11	------	------	------	------	1	3	------	1	1	1	------	------	3	4	------	------	10	126.5	**5.5**	------
12	------	------	2	------	1	2	3	------	------	------	3	1	1	1	------	------	10	132	4.7	------
13	2	------	------	------	2	------	3	1	------	1	------	1	------	2	------	------	12	**70.5**	4.2	------
14	1	------	1	1	2	1	4	1	1	------	------	------	1	------	------	------	11	85.5	5.4	------
15	------	------	1	------	------	------	------	------	------	------	------	------	2	4	1	------	16	77	4.9	------
16	------	------	1	------	------	1	1	------	------	------	2	------	1	1	1	------	16	73	2.9	------
17	------	------	2	------	------	------	------	------	------	------	------	1	3	3	------	------	15	88	4	------
18	8	4	3	1	------	1	------	------	------	------	------	------	------	------	------	1	6	202	3.7	1.6
19	1	------	------	------	------	------	------	1	------	4	5	1	2	1	7	2	------	**810**	.2	71.7
20	------	------	------	------	------	4	4	5	------	1	4	------	------	------	------	------	6	158.5	.1	8.3
21	------	------	------	2	------	2	------	------	------	------	------	------	2	2	2	------	14	83	2	------
22	------	------	------	------	1	------	------	2	2	------	1	------	1	1	1	1	14	103.5	3.2	------
23	------	------	------	------	1	1	10	------	------	------	------	------	------	------	------	------	12	187.5	4.9	------
24	3	3	2	------	1	------	1	------	------	------	------	1	3	------	------	------	10	121.5	2.1	1.3
25	------	------	4	------	------	------	------	------	------	------	------	------	3	------	4	------	13	110	2.3	8.6
26	2	------	------	------	------	------	------	------	2	1	3	3	2	------	------	------	11	134	3.6	------
27	------	------	------	2	------	------	------	------	1	------	2	8	3	------	8	------	5	242	4.5	23.7
28	------	------	------	------	------	------	------	------	------	------	7	6	2	4	4	1	------	419	3.8	------
29	------	------	------	------	------	------	------	------	1	------	11	9	1	1	------	------	1	541	2.2	8.4
30	------	------	------	------	------	------	------	------	------	4	10	4	------	------	------	------	6	380	4.1	.3
Total	17	8	21	7	10	25	52	17	23	55	70	53	40	39	29	5	249	6,714	99.5	367.9
Mean	0.6	0.3	0.7	0.2	0.3	0.8	1.7	0.6	0.8	1.8	2.3	1.8	1.3	1.3	1	0.2	8.3	223.8	3.3	12.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	756. 10	10. 10p.	30. 2	1. 35p.	93	23. 3	752. 85	5. 00a.	24. 7	11. 40p.	75	21. 4
2	57. 50	9. 55p.	27. 6	1. 10p.	98	23. 3	54. 20	2. 50p.	24	8. 15a.	**91**	20. 9
3	59. 35	10. 35p.	**26.5**	4. 20p.	98	**22.4**	55. 60	1. 45a.	23. 4	4. 30a.	90	20. 1
4	58. 55	11. 15p.	33. 1	1. 50p.	94	23. 1	55. 70	3. 30p.	23. 1	5. 40a.	64	**18.3**
5	60. 50	10. 15p.	33. 5	1. 15p.	91	23. 5	57. 15	3. 05a.	24. 1	5. 35a.	62	19. 3
6	**61.55**	10. 30p.	33. 8	3. 20p.	94	24. 5	**58.45**	3. 25p.	24. 2	5. 25a.	65	21. 3
7	61. 05	0. 05a.	35. 2	3. 20p.	97	25	57. 50	3. 45p.	23. 8	5. 15a.	61	21. 7
8	60	9. 10a.	34. 3	3. 55p.	**99**	24. 4	57. 20	3. 40p.	23. 8	9. 25p.	59	18. 4
9	60. 30	10. 45p.	34. 5	3. 50p.	93	23. 5	57. 05	4. 15p.	23. 2	4. 55a.	60	19. 8
10	60. 40	11. 05p.	34. 5	3. 05p.	93	23. 8	58. 23	4. 00p.	24. 4	5. 10a.	60	20. 9
11	60. 15	0. 10a.	34. 6	4. 25p.	92	23	57. 45	4. 00p.	24. 5	5. 25a.	56	20. 1
12	59. 60	9. 35a.	34. 9	2. 40p.	93	22. 9	57. 05	3. 35p.	25. 3	11. 55p.	57	20
13	59. 65	11. 10p.	34. 7	0. 20p.	94	23. 4	56. 80	3. 35p.	24. 5	11. 50p.	61. 5	20. 1
14	59. 90	9. 40p.	**35.5**	3. 40p.	**99**	23. 4	57. 25	2. 30p.	23. 3	5. 45a.	**54**	20
15	59. 60	8. 15a.	34. 9	4. 25p.	90	23. 5	57	4. 45p.	24	5. 35a.	58	19. 6
16	59	0. 05a.	34. 3	2. 05p.	92	22. 7	56. 30	4. 05p.	22. 9	5. 15a.	58	18. 8
17	59	11. 00p.	34	3. 30p.	93	23. 1	56. 25	4. 40p.	23. 2	5. 35a.	63	19. 3
18	58. 75	0. 05a.	33	0. 50p.	88	23. 1	55. 59	5. 00p.	24. 1	11. 40p.	56	19. 2
19	56. 85	10. 15p.	28. 6	0. 55p.	97	22. 9	**50.15**	0. 15p.	23. 2	2. 05a.	77	19
20	58. 40	9. 15p.	28. 7	0. 10p.	96	24	55. 80	1. 25a.	**22.7**	3. 45a.	84	19. 1
21	60. 30	9. 30p.	31. 6	2. 15p.	96	23. 7	57. 45	1. 35a.	23. 6	5. 45a.	67	19. 8
22	60. 40	10. 45p.	33. 3	2. 15p.	95	24. 9	57. 21	3. 00p.	24	5. 20a.	64	20. 7
23	60. 20	0. 05a.	33. 7	1. 45p.	98	24. 1	57. 15	4. 05p.	24. 3	5. 30a.	61	20. 7
24	59. 55	0. 05a.	32. 6	1. 40p.	97	23. 8	56. 50	4. 05p.	23. 9	4. 50a.	71	20. 8
25	58. 85	9. 55p.	33. 2	2. 35p.	97	23. 6	56. 35	3. 25p.	23. 6	5. 40a.	63	20. 5
26	58. 80	8. 05a.	32. 5	3. 10p.	92	22. 9	56. 30	3. 10p.	23. 3	5. 35a.	61	19. 7
27	57. 80	0. 05a.	32. 8	3. 40p.	94	24	55	4. 35p.	23. 7	5. 40a.	69	20. 4
28	**56.05**	0. 05a.	33. 1	1. 20p.	**87**	25. 6	53. 55	3. 35p.	**27**	4. 25a.	74	22. 6
29	56. 65	11. 25p.	32. 1	9. 55a.	94	**26**	53. 88	3. 00p.	26	11. 15p.	78. 5	**22.9**
30	56. 50	11. 35p.	32. 3	0. 20p.	93	24. 5	54. 35	4. 30p.	24. 8	5. 55a.	70	21
Mean	759. 04	--------	32. 8	--------	94. 2	23. 7	756. 04	--------	24	--------	66. 3	20. 2

DAILY GENERAL REMARKS.

1----Gusty SWly winds at intervals with ● in the morning, afternoon and night.
2----Rainy and somewhat squally weather.
3----As yesterday.
4----d early in the morning and in the evening, ↯ ENE in the evening.
5----Coloration of clouds at sunrise; ⊕ in the morning.
6----Convergence of Ci. toward N, ○ in the morning; ᗜ in the evening.
7----○ in the afternoon; ᗜ in the evening.
8----Coloration of clouds at sunrise; ○ in the forenoon; [↯² SE quadrant, ⊤ N quadrant, ● in the evening.
9----↯ NNW in the evening.
10----Cloudy weather.
11----⌒, [↯° ENE in the afternoon.
12----Coloration of clouds at sunrise; ↯ N in the evening.
13----ᗜ early in the morning; coloration of clouds at sunrise; [↯ E, ⊤ various points in the afternoon.
14----○² in the morning; ○°, [↯° ENE, ●° in the afternoon.
15----⌒ 5.30 p. m.; ↯ N in the evening.
16----○ in the morning, d°, ⊤ SE quadrant in the afternoon; ↯ NW quadrant in the evening.
17----↯ SW in the evening.
18----○ in the morning; ⊕, d° in the afternoon; ● at night.
19----Rainy and squally weather.
20----● in the morning and d in the afternoon.
21----d° in the afternoon.
22----↯ E, SW in the evening.
23----Slight coloration of clouds at sunrise; ○² in the morning.
24----Coloration of upper clouds at sunrise; ○ in the morning and afternoon; [↯ N quadrant; ●° in the afternoon.
25----○° in the morning; ○, p, [↯ NNW in the afternoon; coloration of clouds at sunset.
26----○° in the forenoon; ⊤ E 3.20 p. m.
27----●² in the early morning; ≡° in the morning; ○ in the afternoon; coloration of clouds at sunset; ↯ N in the evening.
28----Somewhat gusty WNW winds in the morning backed to SW in the afternoon.
29----● in the morning and at night; gusty SWly winds in the afternoon.
30----d in the early morning with gusty SWly winds.

OBSERVATIONS FOR JULY, 1914.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	55. 65	55. 45	55. 20	**55.05**	55. 55	55. 55	55. 99	56. 24	56. 49	56. 52	56. 24	55. 93
2	57. 40	57. 25	57	56. 85	56. 70	56. 85	57. 30	57. 77	57. 78	57. 82	57. 66	57. 11
3	57. 75	57. 50	57. 15	57. 10	57. 05	57. 45	57. 48	57. 70	57. 93	57. 92	57. 36	56. 97
4	56. 65	56. 10	56. 10	56. 10	56. 25	56. 37	56. 70	57. 05	57. 17	57. 18	**57.27**	56. 93
5	55. 85	55. 50	55. 10	54. 90	55. 10	55. 30	55. 61	55. 93	56. 10	55. 85	55. 75	55. 53
6	54. 65	54. 45	54. 20	53. 75	53. 80	53. 90	54. 39	54. 57	54. 64	54. 65	54. 82	**55.10**
7	53. 95	53. 60	53. 30	52. 80	**52.65**	53. 28	53. 67	53. 65	53. 55	54. 01	53. 80	53. 55
8	54. 05	53. 85	**53.65**	53. 95	53. 90	54. 78	55. 27	55. 29	55. 47	55. 54	55. 80	56. 13
9	57. 05	56. 70	56. 45	56. 55	56. 50	56. 51	56. 83	56. 76	56. 84	56. 85	56. 69	56. 58
10	57. 20	56. 95	56. 80	56. 65	56. 80	56. 97	57. 28	57. 44	57. 34	57. 17	57. 06	56. 93
11	56. 95	56. 60	56. 15	56. 15	56. 35	56. 34	56. 73	57. 11	**57.13**	57. 11	56. 65	56. 66
12	56. 25	56	55. 75	55. 70	**55.40**	55. 87	56. 28	56. 56	56. 53	56. 86	56. 66	56. 81
13	56. 60	56. 30	**56.15**	56. 30	56. 50	56. 97	57. 09	57. 27	57. 56	57. 82	57. 75	57. 48
14	57. 60	57. 60	57. 60	57. 55	57. 65	57. 92	58. 80	58. 45	58. 52	58. 52	58. 45	58. 26
15	59	58. 70	58. 35	58. 35	58. 25	58. 54	58. 79	58. 89	58. 79	58. 77	58. 37	58. 17
16	**58.40**	58. 10	57. 80	57. 70	57. 70	58. 04	57. 95	57. 98	57. 93	57. 90	57. 78	57. 53
17	56. 55	56. 05	55. 70	55. 80	56	56. 07	56. 36	56. 91	56. 91	56. 83	56. 53	56. 08
18	57	56. 65	56. 45	56. 05	56. 15	56. 44	56. 64	56. 97	57. 23	57. 02	56. 77	56. 14
19	57. 30	57. 10	56. 80	56. 75	56. 95	57. 14	57. 34	57. 25	57. 28	57. 52	57. 22	56. 83
20	57. 65	57. 05	56. 70	56. 75	56. 70	57. 04	57. 44	57. 70	57. 74	57. 86	57. 57	57. 22
21	57. 45	57. 40	57	56. 85	57	57. 24	57. 77	58. 04	58. 18	**58.44**	57. 96	57. 39
22	**57.55**	57. 25	56. 85	56. 75	56. 35	56. 42	56. 38	56. 45	56. 67	56. 49	56. 33	55. 76
23	**56.55**	55. 95	55. 25	55. 05	55. 05	55. 19	55. 25	55. 58	55. 45	55. 41	55. 13	54. 88
24	54. 75	54. 40	54. 25	54. 25	**54.15**	54. 65	54. 95	55. 46	55. 80	55. 96	56. 04	55. 84
25	56	55. 25	55	54. 90	**54.70**	54. 75	55. 22	55. 61	55. 95	55. 84	55. 77	55. 45
26	55. 90	55. 50	55. 75	55. 45	**55.05**	55. 06	55. 66	56. 11	56. 16	55. 87	56. 09	55. 75
27	57. 40	56. 90	**56.70**	56. 80	56. 90	57. 12	57. 30	57. 41	57. 42	57. 98	58. 14	57. 56
28	57. 85	**57.80**	57. 95	58. 20	58. 40	58. 56	59. 06	59. 40	59. 44	59. 49	59. 42	59. 22
29	59. 25	59. 10	59	59	59. 10	59. 41	59. 76	60. 09	60. 04	59. 97	59. 62	59. 42
30	59. 65	59. 30	58. 95	58. 90	59. 10	59. 34	59. 85	59. 93	**59.97**	59. 83	59. 38	58. 96
31	58. 80	58. 50	58. 35	58. 40	58. 80	59. 28	59. 70	59. 93	60. 09	59. 92	59. 38	58. 82
Mean	56. 92	56. 61	56. 37	56. 30	56. 34	56. 59	56. 93	57. 15	57. 23	57. 26	57. 08	56. 81

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25	25	24. 9	25	25	25. 2	26. 3	28	30	29. 4	**31.5**	30. 9
2	24. 1	23. 7	23. 7	23. 5	**23.4**	23. 5	26. 4	28. 4	29. 8	29. 8	30. 4	30. 4
3	25. 7	25	**24.8**	24. 9	**24.8**	24. 9	27. 5	28. 3	30. 3	**31.2**	30. 9	30. 4
4	25. 7	25. 4	25. 4	25. 9	25. 2	**24.7**	24. 8	26. 1	27	27. 7	26. 4	26. 6
5	25. 5	24. 9	24. 7	**24.5**	24. 7	25. 7	26. 2	26. 2	26. 4	**27.8**	25. 5	27. 1
6	25	**24.7**	25. 6	26. 2	26. 9	27. 3	**27.4**	25. 6	25. 5	26. 8	**24.7**	25. 6
7	25	**24.6**	24. 8	24. 7	24. 9	25. 1	25	26. 2	**26.7**	25. 2	26. 5	25. 5
8	24. 5	24. 1	24. 9	25. 3	25. 3	**23.8**	24. 4	25	25. 7	28	28. 3	26
9	25. 4	25. 2	**24.8**	**24.8**	25. 1	25	25. 7	27. 5	28. 4	30. 4	**30.5**	29. 6
10	27. 2	27. 4	27. 2	27. 1	**27**	27. 2	28. 2	28. 8	29. 7	29. 9	**30.7**	30. 5
11	27. 9	27. 9	28	27. 9	**27.8**	27. 9	28	28. 4	28	29. 9	30. 2	30. 2
12	27. 9	27. 7	27. 8	27. 7	27. 8	27. 7	28. 4	29. 1	29. 6	28. 6	29. 8	28. 5
13	27. 6	27. 6	27. 4	27. 3	27. 4	**27.2**	28. 5	29	30	30	30. 5	30. 6
14	27. 4	27. 4	27. 3	26. 9	25. 6	26	**25**	27. 8	29. 9	30	**30.8**	30. 6
15	25. 6	24. 9	**24.6**	24. 7	24. 7	25	26. 9	28. 2	29. 9	**30.6**	29. 9	29. 9
16	25. 2	25. 2	25. 1	24. 1	23. 7	23. 8	24. 8	27	29	28. 5	29. 3	28. 6
17	23. 1	23. 2	23. 1	22. 9	**22.8**	22. 9	25. 7	26. 9	26	28. 6	29. 7	29. 9
18	24. 6	24. 2	24. 1	**24**	24. 3	24. 3	26. 7	27. 1	29. 2	30. 2	29. 3	29. 9
19	25. 1	24. 8	24. 8	**24.5**	24. 8	25	25. 8	28	28. 4	28	29	29. 8
20	24. 5	24. 5	24. 6	24. 3	**23.9**	**23.9**	26. 5	28. 1	30. 2	28. 5	30. 2	**30.4**
21	25. 4	24. 9	24. 4	24	**23.9**	**23.9**	26. 3	27. 5	27. 9	27. 6	29. 4	29. 8
22	24. 8	24. 5	24. 2	24. 6	24. 4	**24.1**	26. 6	27. 9	28. 7	29. 5	29. 3	29. 8
23	25	24. 9	24. 4	24. 2	**24**	24. 1	26. 6	27. 8	28. 3	29. 3	**29.9**	29. 1
24	25	24. 7	24. 8	24. 7	24. 5	**24.4**	24. 6	25. 5	26. 9	25. 2	25. 7	26. 6
25	26. 1	26. 5	26	25. 6	**24.4**	**24.4**	26. 7	27. 3	26. 9	27. 5	28. 4	**29.5**
26	25. 9	25. 4	24. 3	26. 2	26. 6	25. 3	25. 3	26. 2	27. 1	28. 8	**29.6**	25. 1
27	24. 9	25. 3	24. 8	**24.6**	24. 8	24. 9	**24.6**	25. 2	25. 4	27. 1	25. 8	27. 1
28	24. 5	**24.3**	24. 5	24. 5	**24.3**	**24.3**	24. 9	26. 6	29. 1	29. 2	29. 9	29. 1
29	25. 7	24. 8	24. 8	24. 6	24. 3	**24**	26	28. 3	29. 8	29. 7	30. 1	30. 3
30	26. 5	26	26	25. 8	25. 8	25. 7	26	27. 5	29. 1	29. 6	30. 4	30. 3
31	25	24. 7	24. 7	24. 6	24. 4	**24.2**	25. 6	28. 3	30. 2	31. 6	31. 6	31. 5
Mean	25. 5	25. 3	25. 2	25. 1	**25**	**25**	26. 2	27. 3	28. 4	28. 8	29. 2	29

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.71	55.52	55.31	55.06	55.56	56.04	56.58	56.90	57.40	57.50	**57.70**	57.45	56.11
56.86	56.65	56.18	**55.93**	56.29	56.84	57.35	57.95	58.60	**59.05**	58.85	58.25	57.35
56.71	56.36	56.37	**55.88**	56.20	56.54	56.97	57.50	57.90	**58.20**	57.80	57.10	57.20
56.63	55.68	55.44	**55.02**	55.45	55.78	56.20	56.80	56.95	56.90	56.90	56.25	56.41
55.24	54.85	54.45	**54.44**	54.49	**54.44**	55.44	55.45	55.95	**56.45**	56.25	55.35	55.39
54.37	53.97	53.27	**52.88**	52.95	53.50	53.90	53.75	54.05	54.55	54.70	54.65	54.14
53.25	53.05	52.80	52.76	53.11	53.47	53.97	54.25	54.65	54.70	**55.15**	54.85	**53.66**
55.80	55.58	55.21	55.04	55.09	55.49	56.03	56.60	56.85	57.30	**57.55**	57.40	55.48
56.40	56.25	56.27	**55.96**	56.07	56.77	57.09	57.30	57.40	57.65	**58**	57.65	56.80
56.77	56.66	56.44	**56.31**	56.65	56.68	57.06	57.65	**57.80**	57.75	57.65	57.20	57.05
56.51	56.30	55.93	55.87	**55.44**	56.47	56.24	56.65	56.60	56.60	56.55	56.45	56.48
56.42	56.36	56.07	55.92	56.11	56.44	56.70	56.85	57.40	**57.65**	57.60	57.40	56.48
57.39	57.04	57.02	57.09	56.95	57.06	57.24	57.55	57.55	**57.85**	**57.85**	57.60	57.17
57.77	57.71	57.35	**57.17**	57.27	57.67	58.30	58.55	59.25	59.50	**59.55**	59.35	58.18
57.93	58.14	57.99	**57.94**	58.23	58.03	58.65	59.25	59.60	**59.75**	59.55	58.90	58.62
56.58	56.32	55.86	**55.56**	55.70	56.24	56.78	57.75	58.35	57.65	57.45	57	57.34
55.80	**55.27**	55.36	55.34	55.66	56.02	56.49	57	57.35	**57.45**	57.30	57.25	56.34
55.86	55.42	55.15	**55.11**	55.24	55.51	56.08	56.70	57.25	57.70	**57.75**	57.60	56.45
56.13	55.83	**55.10**	55.62	55.55	56.12	56.90	57.45	57.90	58	**58.15**	58.05	56.93
56.47	56.58	55.74	**55.64**	55.79	56.38	56.92	57.35	58	**58.20**	58.15	58	57.11
56.84	56.52	56.28	56.28	**56.02**	56.52	57.25	57.75	58.10	58.40	58.30	57.80	57.37
55.56	55.39	**55**	55.22	55.42	55.73	56.02	56.45	56.95	57.25	57.35	56.95	56.36
54.74	54.62	54.69	54.64	54.39	**54.14**	54.49	54.65	54.75	55.40	55.55	55.25	55.09
55.40	54.89	54.49	54.76	54.71	54.89	55.26	55.70	56.20	**56.50**	**56.50**	56.25	55.25
55.20	55.12	55	55.01	55.16	55.22	55.55	56.35	56.50	**56.70**	**56.70**	56.15	55.55
56.09	55.95	55.79	55.70	55.79	56.24	56.70	56.75	57.20	58.25	**58.40**	57.75	56.21
57.20	57.32	57.10	57.05	56.95	57.33	57.83	58.40	**58.75**	58.70	58.55	58.30	57.55
58.87	58.64	58.22	58.09	58.16	58.52	58.91	59.15	59.40	59.70	**59.75**	59.50	58.82
58.89	58.41	**57.90**	58.09	58.24	58.66	59.22	59.70	59.95	60.40	**60.45**	60.20	**59.33**
58.34	58.18	57.66	**57.43**	57.78	58.22	58.78	59.50	59.75	59.70	59.50	59.20	59.05
58.07	**57.57**	57.75	**57.57**	57.72	58.01	58.71	59.45	59.95	60.20	**60.25**	60	58.97
56.45	56.20	55.91	**55.82**	55.94	56.29	56.76	57.20	57.56	57.79	**57.80**	57.45	56.78

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.3	29.6	28	28	28.2	27.6	27.7	27	26.4	25.9	**24.8**	**24.8**	27.3
30.5	**31**	30.5	30.5	30	28	27.5	27.5	26.7	26.7	26.4	25.9	27.4
30	29.3	29	28.4	27.9	26.4	26.1	25.9	25.5	25.8	25.9	25.7	27.3
27.5	**27.9**	26.6	27.8	27.2	26.5	26.2	26.3	26.2	26.2	26.2	26.2	26.3
27.1	25.6	25.9	25.6	25.5	25.4	24.8	25.4	25.1	25.7	25	25.1	25.6
25.7	25.6	25.9	25.6	25.2	25.5	26.2	27.2	26.1	25.9	25.5	25.5	25.9
25.4	25.2	25.9	25.5	25	**24.6**	25.5	26.3	25.4	25.3	24.7	25.3	**25.3**
27.9	27.6	**29.4**	29.3	28.5	27.6	26.4	26.4	25.6	25.6	25.8	25.4	26.3
29.8	30.3	30	30.4	29.2	28.2	27.1	27.4	27.5	26.8	27.1	27.1	27.6
29.8	30	29.3	28.7	28.3	28.2	27.7	27.9	28	28	28	27.8	28.4
30.9	29.4	29.2	28.5	28.5	28.3	28.3	28.4	28.2	**27.8**	28.2	27.9	**28.6**
30.2	**30.3**	29.6	29	28.7	28.4	28	28	28.1	27.8	27.7	**27.6**	28.5
30.9	30.1	29.4	29.5	29	28.3	28	27.3	27.7	27.7	27.6	27.5	**28.6**
30.2	30.3	29.5	29.9	29	28	27.9	27.9	25.1	26.1	25.9	26.1	27.9
30.1	**24.6**	25.1	25.5	25	25.2	24.9	25	25	24.9	**24.6**	24.9	26.2
29.2	29.5	**30.4**	29.2	27.8	27.4	27	24.4	23.3	23.3	23.3	**23.2**	26.3
29.9	30	30.2	**30.3**	28.8	26.4	25	24.6	24.5	24.4	24.3	24.4	26.2
30.3	**31**	30.7	30	29.3	28.4	27.6	27.6	26.3	25.5	25.3	25.2	27.3
29.8	30.2	**30.6**	30.5	28	27.5	25.7	25.6	25.8	25.4	25.3	25.1	27
29.4	25.1	26	27.2	27.8	27.5	26.7	26.5	26.3	26.7	25.7	25.5	26.7
31.2	31.1	30.5	26.4	25.4	25.5	25.2	25.2	25.1	25.1	25	24.9	26.5
30.6	30.5	29.7	28.7	28.3	28	27.8	27.8	27	26.8	25.5	25	27.3
29.6	28.6	25.7	25.5	25.4	25.6	25.7	25.4	25.4	25.3	25.2	25.3	26.3
26.7	27.1	27.1	**27.5**	27.4	26.7	26.2	25.6	24.9	26	25.8	25.6	25.8
28.1	28.1	27.5	25.7	25.8	26.1	25.5	25.2	25.3	25	25.6	25.6	26.4
26.4	26	26.3	26.8	27.2	26.9	26.7	26.8	**24.2**	24.4	25.5	25.2	26.2
27.9	27.5	26.3	26.2	26.1	26	25.7	25.5	25.6	25.5	25.1	24.8	25.7
29.8	**30.6**	**30.6**	29.6	29.7	28.4	27.6	27.6	27.3	27.1	26.5	26.2	27.3
30.4	30.7	**30.9**	30.8	29.8	28.6	28.2	28.1	27.9	27.8	27.1	26.5	27.9
30.6	**30.9**	30.5	30.4	29.2	28.5	27.7	27	27.4	27.1	25.9	**25.5**	27.9
31.8	29.8	29.5	29.4	29	28.4	28.1	27.9	27.6	26.2	25.7	25.7	27.7
29.3	28.8	28.6	28.3	27.7	27.2	26.7	26.6	26.1	26.1	25.8	25.7	27

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	91	91	91	**92**	**92**	90	79	71	72	70	**67**
2	91	91	92	93	94	**95**	88	79	73	75	73	72
3	86	92	92	92	92	**93**	84	80	**70**	**70**	**70**	**70**
4	90	91	92	86	94	**96**	**96**	93	90	87	86	85
5	88	90	91	92	90	88	**82**	91	90	88	90	87
6	**97**	**97**	92	91	83	81	**79**	91	91	90	95	88
7	93	94	96	96	**99**	91	95	90	**86**	91	**86**	90
8	97	**99**	**99**	97	94	**99**	94	97	95	84	80	86
9	**94**	**94**	92	92	92	92	88	88	83	**75**	**75**	78
10	**90**	87	87	87	86.5	84	82	79	75	75	75	**74**
11	**87**	84.5	85	85	84	84.5	84	85	**87**	78	81	**75**
12	86	**87**	86	**87**	85	86	83	82	81	81	79	87
13	85	82	86	86	83	85	80	79	79	78	78	79
14	87	89	89	92	**96**	**96**	93	88	78	76	78	77
15	95	96	97	96	97	**98**	92	85	79	73	**72**	77
16	92	91	93	94	**95**	**95**	93	85	78	80	78	79
17	93	92	96	96	**97**	96	91	85	90	76	68	**66**
18	96	**97**	95	96	**97**	**97**	88	83	76	73	74	68
19	92	93	93	**96**	93	94	90	82	78	81	74	73
20	96	96	**97**	94	95	94	88	85	**73.5**	85	75	74
21	93	91	91	92	91	92	87	81	81	84	74	71
22	97.5	**98**	**98**	96	97	96	88	78	80	75	72	73
23	93	94	92	92	92	92	87	82	77	**73**	74	76
24	98	**99**	98	97	96	96	97	95	85	93	90	86
25	81	79	80	83	88	88	83	85	84	82	**77**	79
26	90	89	**97**	86	88	92	89	89	81	78	**75**	86
27	92	91	95	93	95	94	95	93	90	**83**	93	88
28	**96**	95	95	94	94	94	94	89	76	75	74	74
29	92	94	92	**95**	93	93	92	80	71	71	68	71
30	86	89	89	90	90	91	90	87	76	75	74	71.5
31	**94**	**94**	93	91	91	92	91	82	71	**66**	68	70
Mean	91.5	91.8	**92.3**	91.9	92	92.1	88.8	85.4	80.5	78.8	77.3	77.3

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**21.2**	21.3	**21.2**	21.3	21.7	21.8	22.8	22.3	22.3	22.1	**23.9**	22.4
2	20.4	**19.7**	20.1	20	20.1	20.4	22.4	22.7	22.8	23.5	23.5	23.1
3	21.1	21.6	21.5	21.6	21.3	21.8	22.8	22.7	22.5	23.6	23.2	22.7
4	22.1	21.9	22.1	21.4	22.4	22.2	22.3	23.3	23.7	**23.9**	22	21.9
5	21.4	21	21	21.1	**20.8**	21.7	**20.8**	23	23.1	**24.3**	21.8	23.1
6	22.8	22.5	22.4	23	22	21.9	21.4	22.1	22	**23.7**	21.9	21.6
7	22	21.6	22.3	22.2	**23.2**	**21.5**	22.4	22.8	22.5	21.6	22	21.8
8	22.3	22.1	23.2	23.1	22.6	21.7	**21.3**	22.8	23.3	23.5	22.9	21.5
9	22.7	22.4	**21.5**	**21.5**	21.7	21.6	**21.5**	24.1	23.9	24.1	24.3	24
10	24	23.5	23.4	23.2	22.9	**22.6**	23.2	23.3	23.1	23.4	**24.6**	24.1
11	24.2	23.6	23.9	23.8	**23.2**	23.6	23.5	24.5	24.3	24.4	**25.9**	24.1
12	24	23.9	23.9	23.9	23.6	23.7	23.9	24.5	24.9	23.5	24.5	25.1
13	23.3	**22.5**	23.3	23.1	**22.5**	22.8	23.2	23.6	24.8	24.6	25.4	**25.8**
14	23.5	24.1	23.9	24.2	23.3	23.9	22	24.3	24.4	23.9	**25.9**	25.1
15	23.2	22.4	22.2	22.2	22.5	22.9	24.2	24.2	24.7	23.8	22.6	24.3
16	21.8	21.6	22.1	21	20.6	20.8	21.7	22.5	23.1	23.2	**23.5**	23
17	**19.5**	**19.5**	20.1	19.8	19.9	19.8	22.3	22.4	22.5	22.1	21	20.7
18	22	21.8	21.1	21.2	21.8	22	22.9	22.3	22.8	**23.2**	22.5	21.3
19	21.7	21.7	21.7	21.9	21.7	22.1	22.3	23.1	22.4	22.7	22	22.6
20	21.9	21.9	22.2	21.2	20.9	**20.7**	22.6	23.9	23.4	**24.5**	23.8	24
21	22.3	21.2	20.6	20.4	20	20.3	22.1	22	22.6	22.9	22.5	22
22	22.6	22.4	22.1	22	22.1	21.4	22.7	21.8	23.3	23	21.7	22.6
23	22	22	21	20.7	**20.4**	20.6	22.6	22.8	22.1	22.1	23.2	22.8
24	**23.2**	22.9	22.9	22.3	21.9	21.7	22.4	23	22.4	22.2	22.1	22.3
25	20.3	20.3	**20**	20.2	**20**	**20**	21.5	22.9	22.1	22.4	22.3	**24.1**
26	22.4	21.5	22	21.8	22.7	21.9	21.4	22.4	21.5	**23**	22.9	20.4
27	21.6	21.8	22.1	**21.4**	22.1	22	21.8	22.2	21.7	22.3	23.1	**23.5**
28	21.9	21.4	21.7	21.5	**21.2**	**21.2**	22	23	22.8	22.6	23.2	22
29	22.5	21.9	21.5	21.8	21	20.7	22.9	22.9	22	22	21.6	22.7
30	22.2	22.1	22.1	22.3	22.3	22.3	22.5	23.8	22.8	22.9	23.7	22.9
31	22.1	21.8	21.5	20.8	20.8	20.7	22.1	23.6	22.5	22.8	23.4	**24.1**
Mean	22.2	21.9	22	21.8	**21.7**	**21.7**	22.4	23.1	23	**23.2**	23.1	23

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
71	73	82	80	77	81	81	84	90	**92**	**92**	**92**	83
73	**71**	72	72	75	78	78.5	84	84	87	86	85	81.7
76	74	78	72	77	87	86	88.5	89	92	91	88	82.9
82	84	86	**81**	83	84	85	82	82	84	86	86	87.1
90	95	89	89	91	92	**97.5**	93	96	93	96	95	91
84	92	88	89	94	93	89	84	89	91	92.5	95	89.8
93	95	91	92	94	95	93	89	93	94	95	97	**92.8**
80	81	**79**	81	83	88	91	90	95	95	93	94	90.5
77	75.5	77	78	80	80	81	86	87	90	88	90	84.7
76	75	76	83	80	80	84	84	84	84	85	87	81.6
75	77	81	83	83	83	83	83	84	86	83	85	82.8
78	80	80	82	83	82.5	82	**87**	85	84	**87**	85	83.6
77	**77**	82	79	79	82	83	**88**	87	86	**88**	**88**	82.3
77.5	**75**	76	77	78	84	84	84.5	85	87	88.5	91	84.4
80	88	92	93	94	95	96	96	**98**	97	97	92	90.6
74	76	**73**	76	80	81	85	91	92	91	93	92	85.7
71	73	69.5	71.5	76	90	94	92	92	94	96	96	85.9
64	**64**	70.5	71	72	75	81	82	89	90	93	92.5	82.7
73	70	72	**66**	84	86	93	93	93	93	95	95	85.5
79	89	89	87	85	87	90	90	92	81	88	92	87.6
69	**69**	73	73	89	90	92	93	93	**98**	**98**	**98**	86
72	72	**70**	75	77	80	78	79	80.5	83	90	92	83.2
76	78	87	93	94	95	93	96	97	96	97	**98**	88.5
87	80	81	78.5	**78**	80	83	87	87	85	85	84	88.6
78	78	81	89	89	87	88	88	86	**89**	88	**89**	84.1
82	85	83	83	81	83	84	84	82	88	89	92	85.7
83	84	88	91	92	92	93	94	95	94	**97**	95	91.7
74	73	73	75	**67**	75	79	79	81	81	86	87	82.5
72	70.5	69	**67**	71	73	71	72	74	77	83	87	**79.1**
67	**60**	61	64	70	78	87.5	82	81	85	**93**	**93**	80.4
67	73	74	69	72	76	79	82	82	81	88	87	80.5
76.7	77.6	78.8	79.4	81.5	84.3	86	86.7	87.9	88.6	90.5	91	85.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.7	22.5	23.1	22.5	22	22.1	22.3	22.3	22.9	22.8	21.3	21.5	22.2
23.6	23.6	23.5	23.2	**23.8**	21.9	21.4	22.8	21.9	22.7	21.9	21.2	22.1
23.9	22.3	23.1	**20.7**	21.4	22.3	21.7	22	21.7	22.7	22.6	21.5	22.2
22.4	23.3	22.3	22.4	22.2	21.6	21.6	20.9	**20.8**	21.2	21.8	21.8	22.1
24.1	23.2	22.2	21.8	22	22.1	22.6	22.5	22.7	22.9	22.5	22.5	22.3
20.7	22.4	21.8	21.8	22.4	22.6	22.4	22.6	22.5	22.6	22.2	23	22.3
22.3	22.6	22.6	22.2	22.1	21.8	22.6	22.5	22.5	22.6	21.9	23.1	22.3
22.3	22.3	23.9	**24.4**	23.9	24.2	23.3	23.1	23.2	23.2	23.1	22.7	22.9
24.1	24.2	24.2	**25**	24	22.8	21.6	23.3	23.8	23.4	23.5	23.9	23.2
23.3	23.5	23.1	24.2	22.9	22.8	23.3	23.4	23.5	23.5	23.8	24	23.4
25	23.5	24.4	24	24	23.7	23.7	23.9	23.8	23.9	23.6	23.8	24
25	**25.5**	24.6	24.4	24.2	23.7	**23.1**	24.3	24.1	23.5	23.9	23.3	**24.1**
25.6	24.6	25	24.3	23.6	23.6	23.3	23.8	23.9	23.7	24.2	24.1	23.9
24.7	24	23.2	24	23.1	23.5	23.4	23.6	**20.1**	21.8	22	22.9	23.5
25.2	**20.3**	21.9	22.4	22.1	22.6	22.4	22.5	22.9	22.6	22.4	21.6	22.8
22.2	23.2	**23.5**	22.8	22.2	21.8	22.5	20.6	19.6	**19.4**	19.8	19.5	21.8
22.2	**22.9**	22.1	**22.9**	22.4	**22.9**	22.1	21.2	21.1	21.3	21.6	21.7	**21.4**
20.7	21.5	23.1	22.5	21.9	21.5	22.3	22.5	22.5	21.8	22.2	22	22.1
22.8	22.4	**23.6**	**21.4**	23.5	23.4	22.9	22.8	22.8	22.5	22.7	22.5	22.5
23.9	21.1	22.3	23.2	23.6	23.6	23.3	23.2	23.3	21.1	21.5	22.2	22.6
23.5	23.1	**23.6**	**18.8**	21.5	21.8	21.8	22.2	22.1	23.1	22.9	22.8	21.9
23.4	**23.5**	21.6	21.8	22.1	22.5	21.6	21.8	**21.3**	21.8	21.8	21.7	22.2
23.3	22.7	21.3	22.4	22.7	23.2	22.7	23.1	23.3	23	23	**23.4**	22.4
22.7	21.2	21.5	21.4	21.3	20.9	21	21.2	**20.5**	21.3	21.1	20.6	21.8
22	22	22.2	21.9	22	21.8	21.3	21.1	20.6	21	21.6	21.8	21.5
21.1	21.1	21.2	21.8	21.8	21.7	21.9	22	**18.3**	20	21.7	21.8	21.6
23.2	22.8	22.3	23	23	22.9	22.9	22.8	23.2	22.8	22.9	22.1	22.5
23.1	**23.8**	**23.8**	22.9	20.6	21.5	21.7	21.5	21.7	21.6	22	22	22.1
23.1	**23.1**	23	22	22	21.1	**20.2**	20.4	20.6	21.4	22.3	22.4	21.9
21.9	19.9	**19.7**	20.6	21	22.6	**24.1**	21.7	21.8	22.7	23	22.4	22.2
23.5	22.8	22.6	21	21.5	21.9	22.4	22.7	22.5	**20.4**	21.5	21.3	22.1
23.1	22.7	22.8	22.5	22.5	22.5	22.4	22.4	22.1	22.2	22.3	22.3	22.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	Ci.-S. SSE	Cu.	Ci.-S.	S.-Cu.	A.-Cu. SE	Cu. WSW	Ci.-S.	Cu.
2	Ci. SSE	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
3	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
4	Ci.-S.	Cu.-N. W	----------	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N.
5	----------	N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N.	----------	Cu.-N. W	Ci.-S.	Cu.-N.
6	Ci.-S.	Fr.-N. swbyw	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. swbyw	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
7	Ci.-S.	Cu.-N. WSW	Ci.-S.	N.-cf. swbyw	----------	Fr.-N. wbys	Ci.-S.	N.-cf.	Ci.-S.	Fr.-N.
8	----------	N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.
9	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.	Cu. W	Ci. EbyN	Cu. W	Ci.-S.	Cu. W
10	Ci.-S.	Cu. WSW	Ci. E	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. W	Ci.-Cu. EbyN	Cu.
11	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu.
12	A.-Cu. NbyE	S.-Cu. W	Ci.-S.	S.-Cu. W	----------	N.-cf.	Ci.-S.	Cu.	----------	Fr.-N.
13	Ci.-S.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu.
14	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu. WSW	Ci.	Cu. SWbyW	Ci.-S.	Cu.	Ci.-S.	Cu.
15	A.-Cu.	Cu. WSW	Ci.	Cu.	Ci.	Cu. WSW	Ci.	Cu. WSW	Ci.-S.	Cu. WSW
16	A.-Cu. W	Cu.	A.-Cu.	Cu. NW	Ci.-S.	Cu. NW	Ci.	Cu. NW	Ci.	Cu. NW
17	Ci.-S.	Cu. S	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
18	A.-Cu.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu.	Ci.-S.	Cu.
19	Ci.-S.	Cu.	Ci.-S.	Cu.-N. W	Ci.-S.	Cu. W	Ci.-S.	Cu.	Ci.-S.	Cu.
20	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
21	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
22	Ci.-S.	Cu.	A.-Cu. N	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.
23	----------	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.	Cu.	----------	Cu.-N SW
24	----------	Cu.-N. SSW	----------	Cu.-N. SSW	----------	Cu.-N. SSW	----------	N. SW	----------	Cu.-N SW
25	Ci.-S.	Cu. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Fr.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
26	----------	Fr.-N. WSW	----------	Fr.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	N.-cf.	Ci.-S.	Cu.-N.
27	----------	N.-cf. swbyw	Ci.-S.	N.-cf. swbyw	----------	N.-cf. swbyw	----------	Fr.-N.	Ci.-S.	Cu.
28	A.-Cu.	S.-Cu. W	A.-Cu.	S.-Cu. W	A.-Cu.	S.-Cu. W	A.-Cu.	S.-Cu. W	A.-Cu.	S.-Cu.
29	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. WNW	Ci.	Cu.	A.-Cu.	Cu.
30	Ci.-S.	S.-Cu.	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu.	Ci.-S.	Cu.
31	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. S	Ci.	Cu. S

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. WSW
2	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.	Ci.-S.	Cu.
3	Ci.	Cu. WSW	Ci.	Cu. WSW	Ci.	N.-cf. WSW	----------	N.-cf. WSW	Ci.-S.	S.-Cu.
4	----------	Cu.-N.	----------	N.-cf. W	----------	Cu.-N. W	Ci.-S.	Cu.	Ci.-S.	Cu.
5	Ci.-S.	Cu.-N. swbyw	----------	Cu.-N. swbyw	Ci.-S.	Cu.-N. swbyw	Ci.-S.	N.-cf.	Ci.-S.	Fr.-N.
6	----------	Cu.-N. swbyw	----------	Cu.-N. swbyw	----------	Cu.-N.	----------	N.	----------	N.
7	----------	Cu.-N. WbyS	----------	N.	----------	Fr.-N. WbyS	----------	Fr.-N.	----------	Cu.-N.
8	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N.	Ci.-S.	Cu. WSW	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
9	A.-Cu.	Cu. W	A.-Cu.	Cu. W	A.-Cu.	Cu.	Ci.	Cu.	A.-Cu.	Cu. W
10	Ci.-S.	Cu. W	Ci.	Cu. W	----------	Cu.-N. W	A.-S.	Cu.-N.	Ci.-S.	Cu.-N. W
11	Ci.-S.	Cu. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N.
12	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W
13	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu.-N. WSW	----------	Cu.-N. WSW	Ci.-S.	Cu.-N.
14	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. swbyw	Ci.	Cu.	Ci.-S.	Cu.
15	----------	Cu. WSW	----------	Cu.-N. WSW	----------	Cu.-N. WSW	----------	N.	Ci.-S.	N.
16	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu.	Cu.-N.
17	----------	Cu. S	----------	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	A.-Cu.	Cu.-N.
18	----------	Cu.	----------	Cu.	Ci.	Cu.	----------	Cu.-N. ESE	A.-Cu.	Cu.
19	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.	Cu.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.
20	Ci.	Cu.-N. E	----------	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
21	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.
22	Ci.	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N.	----------	S.-Cu.	----------	S.-Cu.
23	Ci.-S.	Cu.	Ci.-S.	N.-cf. WSW	----------	N.	Ci.-S.	N.	Ci.-S.	Fr.-N.
24	Ci.-S.	N.-cf. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	N.-cf. WSW
25	----------	Cu.-N. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu.-N. SSW	----------	Fr.-N. SSW	Ci.-S.	Cu.-N. SSW
26	Ci.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	F.-N. swbyw	Ci.-S.	N.-cf. swbyw	Ci.-S.	S.-Cu.
27	Ci.-S.	Cu.	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	----------	N.	Ci.-S.	Cu.
28	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu. W	A.-Cu.	Cu.	A.-Cu.	Cu.
29	Ci.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci. ENE	Cu.
30	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
31	----------	Cu. S	Ci.-S.	Cu. S	Ci.-S.	M.-Cu	Ci.-S.	Cu.	Ci.-S.	Cu. S

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1.5	S 1.5	SSW 0.5	SW 5.5	swbyw 4.5
2	N 2.5	NEbyN 2	Calm	Calm	Calm	E 1	Calm	E 1	W .5	Calm	WSW 2.5	W 4.5
3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSE 2	S 1.5	SW 2	WSW 2.5	WSW 6
4	SW 2	Calm	SSW 2	WSW 3.5	Calm	SW 4	SSW 2	Calm	SW 2.5	WSW 1.5	WSW 6	WSW 5.5
5	SSW .5	Calm	S .5	Calm	SW 6	WSW 10	WbyS 7	WSW 5.5	SW 2.5	WNW 1	WSW 6	SSW 3.5
6	W 6.5	WSW 8	WSW 6.5	SW 10	SW 20	SWbyW 11	SW 7	SbyW 8	SSW 4.5	SW 4.5	WbyN 8	W 5.5
7	WSW 16.5	WSW 16.5	SW 16	WbyS 8.5	SW 10	WSW 11.5	SW 9.5	SW 7.5	SbyW 5.5	WSW 12	WSW 10	SW 14
8	SbyW 2	SbyW 1	S 2.5	SSW 4	SSW 3	WbyN 7.5	WbyN 6.5	Calm	SSE 1.5	SSE 2.5	SbyW 6	SW 7.5
9	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	Calm	SbyW .5	SW 3.5	swbyw 5.5	WSW 7.5
10	swbyw 2	swbyw 3.5	swbyw 5	SW 6	SSW 4	SW 8	SW 8.5	swbyw 5	WSW 6	WSW 6.5	WSW 10.5	WSW 11
11	WbyS 8	WSW 6.5	WSW 10	WSW 11	WSW 8	WSW 12	WSW 10	WSW 11	WSW 10	WSW 12.5	WSW 8	WSW 10
12	WSW 8	WSW 9	WSW 9.5	WSW 13	WSW 8.5	WSW 8	WSW 10	WSW 10.5	SWbyW 10	SWbyW 10	swbyw 7	swbyw 10.5
13	swbyw 8	swbyw 9	swbyw 10.5	swbyw 7	SW 7	swbyw 8	swbyw 7.5	swbyw 6.5	swbyw 10.5	WSW 6	swbyw 8.5	WSW 5
14	SW 6	swbyw 5	SW 4	SW 4.5	Calm	Calm	WNW 3	SW 3.5	SW 7.5	swbyw 6.5	swbyw 8.5	swbyw 8
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	swbyw 6.5	swbyw 10.5
16	SW 1	WSW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	SW 3	WbyS 5
17	Calm	Calm	Calm	Calm	Calm	ENE 2	Calm	Calm	Calm	S 1.5	Calm	swbyw 4
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1	SW 1.5
19	ESE 1	ESE 1	ESE 1	E .5	E .5	E 2	E 1	Calm	Calm	W 1.5	W 2	WNW .5
20	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	WNW 2	WSW 1	W 1.5
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 2	WbyS 3.5	W 3
22	ESE 1.5	Calm	Calm	WNW 1.5	NEbyN 1	Calm	Calm	Calm	Calm	Calm	SW 1.5	W 3
23	Calm	Calm	SE 1	Calm	SE .5	NE 1	Calm	Calm	Calm	WSW 3	WSW 4	WbyS 8.5
24	SE 1.5	SE 1	S 1.5	SE 1	Calm	Calm	Calm	SEbyE 1	SWbyS 7.5	S 8	S 6	swbys 11
25	SSW 1.5	SW 4	SW 2	Calm	Calm	S 1	SSW 3	SbyW 3.5	swbyw 4	SSW 6	SSW 7.5	SbyW 10
26	SW 4	SW 3	SW 5	SW 6.5	swbyw 6	SE .5	SW 3	SW 8	SW 10	SW 7	SW 5	SW 8
27	Calm	SSW 2	Calm	Calm	Calm	NNW 1.5	Calm	Calm	Calm	WNW 2.5	NW 8.5	NNW 3.5
28	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 3	W 2	W 1
29	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1	W 1.5	W 1.5	WSW 1
30	Calm	Calm	Calm	Calm	Calm	Calm	NW .5	Calm	Calm	Calm	SW 1	WbyS 1.5
31	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	SE 3	SE 3	ESE 3	SE 3
Mean	2.3	2.4	2.5	2.5	2.4	2.9	2.6	2.5	2.9	3.7	4.9	5.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	swbyw 6	WSW 5	SW 6.5	SW 5.5	swbyw 5	SW 6	SWbyS 3.5	swbys 3.5	Calm	Calm	NE 2.5	Calm	2.4
2	swbyw 5	SW 4	SW 6	SSW 4	SW 4.5	SW 3	SW 3	SW 3	WSW 5	swbyw 6	SW 5	SSW 5.5	2.8
3	swbyw 7.5	SW 6	WSW 7	SW 8.5	WSW 1.5	SW 6.5	SSW 2.5	SW 2	SSW 2	SW 3	SW 5.5	SW 5.5	3
4	WSW 3.5	SW 2	W .5	WSW 3.5	WSW 1.5	WSW 7.5	WSW 8	swbyw 6.5	W 2.5	SW 4	SSW 2	W .5	3
5	SSE .5	Calm	SWbyS 9.5	SSW 7	SbyW 3	SWbyS 7.5	SWbyW 12	SW 8.5	SbyW 4	WNW 3.5	W 4.5	wsw 13.5	4.8
6	WbyS 7	SW 8	SW 5	SW 12	SSW 5	SW 15	WSW 8	SW 10.5	SSW 6	SW 15	swbyw 16.5	wsw 13.5	9.2
7	SW 7	SW 11	WbyS 12.5	swbyw 8	SW 14	SW 9	SW 7	SW 8	swbys 4.5	SbyW 4.5	SW 8	SW 10.5	10.1
8	SW 2.5	Calm	SW 1	WSW 1.5	swbyw 1	swbyw 1	SW 2	Calm	Calm	Calm	Calm	Calm	2.2
9	WSW 5	WSW 7.5	WSW 9	WSW 9	WSW 8	WbyS 4	WSW 4.5	WSW 4.5	WSW 6.5	swbyw 7	swbyw 2.5	swbyw 3	3.7
10	WSW 8.5	WSW 8.5	WSW 8	WSW 9.5	WSW 7	WSW 6.5	WSW 7	WSW 7.5	wsw 11	WSW 10	WSW 9	WbyS 8	7.4
11	WSW 12	WSW 10.5	WSW 8	swbyw 8	WSW 10	WSW 10.5	WSW 12	WSW 9	swbyw 9.5	swbyw 8	swbyw 9	swbyw 9	9.7
12	WSW 11	WSW 8	WSW 10	SWbyW 10	WSW 10.5	WSW 10	swbyw 8	swbyw 9.5	swbyw 9	swbyw 9	swbyw 8	swbyw 9	9.4
13	swbyw 4	WSW 6	WSW 3.5	WSW 4.5	swbyw 5.5	swbyw 5.5	WSW 6	WSW 6	swbyw 6	swbyw 5.5	SW 8	SW 6	6.7
14	WSW 4.5	WSW 4	WSW 5	SW 5	WSW 4	WSW 2	WSW 5.5	W 6	WSW 5	WSW 3.5	swbyw 4	Calm	4.4
15	SW 2	WSW 3	SW 1	WSW 1	SWbyS 1	Calm	Calm	Calm	Calm	Calm	SW 3.5	swbyw 1	1.3
16	swbyw 4	SW 4	SW 6	SW 6	SW 5.5	SW 5	swbyw 1	NNE 3	N 2	Calm	Calm	Calm	2.1
17	SSW 3.5	SW 1	swbyw 2.5	SW 3.5	SW 2.5	Calm	EbyN 1.5	Calm	Calm	Calm	Calm	Calm	.9
18	WSW 1	WSW 1.5	swbyw 2	swbyw 4.5	SW 4	swbyw 4.5	WSW 4	swbyw 4	SSW 3.5	ESE 2	SE 1.5	ESE 1	1.5
19	WNW 3	WSW 3.5	WSW 2	SW 2	Calm	Calm	Calm	WSW 1.5	SW 2	Calm	Calm	Calm	1
20	WbyN 1.5	N 3.5	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.5
21	WNW 1	Calm	Calm	S 4	Calm	Calm	Calm	E 1	E 1	ESE 1.5	Calm	Calm	.7
22	WbyS 4	SW 6	swbyw 7.5	swbyw 7.5	swbyw 4.5	swbyw 5	swbyw 3.5	SW 3.5	SbyW 2.5	SSW 1	Calm	Calm	2.2
23	WbyS 7	WbyS 6.5	WbyN 5	NW 1	Calm	W 3.5	Calm	SSE 1	SSE 1	Calm	Calm	E .5	1.8
24	SW 8.5	swbyw 12.5	WSW 10	SWbyW 11	SWbyW 10.5	S 3	S 1	S 1	SW 1.5	SW 3	SSW 5	SSW 3.5	4.5
25	SSW 12	SSW 9.5	S 9	SW 8.5	SbyW 10	SSW 6	SW 1	SbyW 4	SbyW 5.5	S 4	SbyW 6	S 6.5	5.2
26	swbyw 12.5	SSW 8.5	SbyW 5.5	SSW 1.5	SWbyS 3.5	SbyW 4.5	SbyW 7.5	swbys 2	W 4.5	Calm	WSW 4	Calm	5
27	NW 2	NW 3	NNW 3	Calm	N 1	N 1	N 1	Calm	Calm	Calm	Calm	Calm	1.2
28	W 4	WSW 4	WSW 2	SW 2.5	SW 3.5	WSW 3	SW 2	SW 2.5	sw 2.5	WSW 4	Calm	Calm	1.5
29	WSW 3	WSW 3.5	swbyw 3	SW 3	SW 4	SW 4.5	SW 4	SWbyW 4.5	SW 4	SW 3	Calm	Calm	1.7
30	WbyN 2.5	W 2.5	WNW 4.5	W 1	swbyw 2	SW 1.5	SWbyS 1.5	Calm	Calm	Calm	Calm	Calm	.8
31	SE 2	SE 1	WbyS 4	WSW 3.5	SW 3.5	SW 4.5	SW 4	WSW 4	WSW 4	Calm	Calm	Calm	1.9
Mean	5.1	5	5.2	5	4.4	4.5	3.9	3.8	3.4	3.1	3.4	3.1	3.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	1	2	1.5	0.5	1	1	4.5	6.5	6	4	20
2	9	8	2	1	0	1	3	2	2	4	4.5	8.5
3	9	2	2	1	1	1	1.5	5.5	5.5	7.5	14	17
4	17	6	2	15	1.5	6	8.5	2	6	14	23	26
5	1	0	1.5	.5	12.5	33	32.5	17	16.5	4.5	17	30
6	38	30	30	35	37	37	31	21	15	29	40	23
7	44	33	41	30	39	50	29	39	17	33	43	37
8	11.5	5.5	12	15	13	17	21	9	10	10	13	**37**
9	0	.5	1.5	0	1	1	6	4	6.5	8.5	21	23
10	11	20	22	23	15	23	24	26	29	24	**46**	37
11	28	31	42	41	36	38	41	38	33	22	**51**	42
12	39	39	41	**44**	43	42	40	34	37	35	31	34
13	36	**39**	**39**	35	35	33	33	31	34	34	36	29
14	23	24	12	19	0	2.5	10.5	10	26	26	**34**	24
15	1	1.5	2.5	1	3	3	2	2	3.5	4.5	11	21
16	4	13	3	1	0	.5	.5	0	3	3	9	17
17	0	1	1.5	2.5	2	2.5	1.5	3.5	5	4.5	4.5	8.5
18	0	0	0	1	1	0	0	0	0	1	1	6
19	1.5	3.5	2.5	1.5	1	5	5	.5	1	3.5	6	8
20	1.5	0	1	.5	2	0	1.5	0	1	.5	8.5	7
21	0	2	0	0	0	1	0	0	1	4	**11**	**11**
22	.5	.5	0	1	2	1.5	.5	1	1	3	5.5	4.5
23	0	2.5	2.5	1	.5	1.5	1	1	1	6.5	8.5	21
24	2	2	6	2.5	.5	2	.5	1	11	21.5	19	18
25	15	18	11	7	1	0	8	11	15	19	23	21.5
26	22	13	15	34.5	25	11.5	15.5	32	21	**37.5**	26	33
27	2	7	3	1	3	6	.5	1.5	2	2	**14**	8
28	0	0	2	3	2	0	0	0	2	4	12	10
29	.5	0	0	0	0	1	0	0	0	4	6.5	8.5
30	0	0	0	0	0	1	.5	0	1.5	2	5	9
31	1	0	1	1	0	0	0	1	6.5	11.5	10	4
Mean	10.3	9.8	9.7	10.3	**9**	10.4	10.3	9.6	10.3	12.6	18	19.6

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	7	8	8	10	10	10	9	8	10	9	9	10	9	2	35
2	7	8	6	7	7	8	5	6	7	7	8	9	7.1	9	05
3	6	6	6	7	6	7	6	7	9	10	10	10	7.5	6	05
4	10	10	10	10	10	9	10	10	10	9	10	10	9.8	**0**	**00**
5	10	10	10	9	10	10	10	10	10	10	10	10	9.9	**0**	**00**
6	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
7	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	**00**
8	10	10	10	10	10	10	10	10	10	8	9	7	9.5	1	05
9	10	10	9	6	8	9	7	7	6	7	6	8	7.8	6	20
10	6	9	6	8	8	9	8	7	10	10	10	10	8.4	5	00
11	10	9	9	10	10	9	10	10	10	10	10	10	9.8	2	00
12	10	9	8	10	9	9	10	10	9	10	10	10	9.5	**0**	**00**
13	7	8	9	9	9	9	9	9	9	10	10	10	9	1	30
14	10	10	9	9	9	10	10	8	8	8	7	5	8.6	3	15
15	7	4	4	6	6	9	8	10	10	10	10	10	7.8	5	05
16	7	5	5	8	9	8	7	7	7	8	9	10	7.5	6	50
17	5	5	7	6	4	5	6	5	7	7	10	9	6.3	8	15
18	5	6	5	4	5	5	4	3	3	7	8	9	5.3	7	35
19	8	9	7	9	9	8	6	5	5	8	9	8	7.6	4	50
20	3	3	4	5	7	8	8	10	9	9	9	10	7.1	5	55
21	4	4	5	7	7	5	6	7	8	10	10	9	6.8	6	05
22	4	6	6	4	7	7	5	7	8	10	10	10	7	6	30
23	2	9	8	6	6	8	9	10	10	10	10	10	8.2	4	00
24	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	25
25	7	9	10	10	9	9	10	9	9	10	10	10	9.3	2	00
26	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	30
27	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
28	9	10	9	8	9	10	9	6	6	6	8	6	8	4	50
29	2	3	5	5	4	3	3	2	4	3	6	9	**4.1**	**9**	**55**
30	10	10	10	10	10	10	10	10	9	9	9	10	9.8	1	00
31	5	6	6	5	7	4	4	8	9	8	8	10	6.7	5	35
Total														116	15
Mean	**7.5**	7.9	7.8	8	8.2	8.3	8	8.1	8.5	8.8	9.2	**9.3**	8.3	3	45

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
24	24	28	**30**	27	25	21	11	1	2	8	3	10.6
16	17	23	17	16	17	14	12.5	**23.5**	17	18	11	10.3
29	**32**	21.5	23.5	17	21	13	11	11.5	12.5	20.5	18.5	12.4
15.5	10	13	13	14.5	**28.5**	26.5	25.5	15.5	11	11	5	13.2
7	3	20	25	17	21	27	**42**	24	20	7	28	**17**
24	15	39	34	31	37	**48**	36	19	36	43	**48**	32.3
39	40	**53**	45	43	46	41	37	21	19	23	34	36.5
26	8	8	19	21	10	11	3.5	.5	0	0	1	11.8
26	28	28	**29**	23	19	15	19	19	23	14	11	13.6
33	27	31	33	31	36	31	28	32	33	32	32	28.3
42	41	40	40	45	45	44	44	44	38	40	44	**39.6**
40	43	38	39	38	40	33	39	37	35	35	33	37.9
28	27	32	24	29	25	34	33	25	28	30	22	31.3
24	22	26	25	32	23	22	23	25	12	15	12	19.7
24	**33**	26	14	6	1	1	5	2	.5	12.5	11	8
21	20	23	28	**30**	24	20	10	12	4.5	2.5	1	10.4
14	14	**21**	18	12	7	1	2.5	.5	0	0	0	5.3
9	11	15	16	16	**22**	21	20	12	4.5	3	2.5	6.8
10	**11**	10	6.5	2	2.5	6	3.5	6.5	1.5	0	1	4.1
13	**14**	**14**	0	1	0	0	1	1	5	0	1	3.1
11	5.5	5.5	10	2	0	.5	0	0	0	0	.5	**2.7**
9	20.5	24.5	24	**25.5**	17	16	13	10.5	8	3	.5	8
30.5	23.5	25.5	5.5	2.5	3	17.5	3	2.5	2.5	0	.5	6.8
30	**41**	**41**	37	35	22.5	4.5	4	15	15	9	14	14.8
31.5	26	21.5	26.5	18.5	20	31	21.5	17	13.5	18.5	15	17.1
31	20	16	10	4	9	4	7	16	8	18	2	18.1
5.5	8.5	9	3	3	5	3	2	2	4	1.5	.5	4
14	11	18	17	14	**20**	17	11	8	10	4	1.5	7.5
9	10.5	11	16.5	17	**19**	18	17	16	13	3	0	7.1
9	**12**	11	8	8	9	5	4	5	4	1	1	4
10	7	7	13	**20**	**20**	**20**	19	15	8	3	1	7.5
21.1	20.2	**22.6**	21	19.4	19.2	18.3	16.4	14.2	12.5	12.1	11.5	14.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1			1			1			1	1	6	4					10	254	2.9	22.6
2	1		1		2					2	7	4	2				5	247	4.2	9.4
3								1	1	2	8	5					7	298	2.8	2.6
4										3	5	10	3				3	316	2.4	7.1
5								1	1	5	5	5	2	2			3	407	.8	37.1
6										4	10	6	3	1				776	0	39.3
7										2	14	6	2					876	0	**71.2**
8								2	1	5	4	3		2			7	282	1	21.3
9										1	2	13	1				7	327	4.3	.9
10										1	3	19	1					679	5.3	
11												23	1					**950**	4.8	
12												24						909	4	.8
13											3	21						751	4.2	
14											6	13	1	1			3	472	3.2	15.6
15											4	6					14	192	1.9	10.2
16	1	1									8	3	1				10	250	2.8	29.9
17				1	1				1	1	3	2					15	127	2.9	1
18						2	1			2	2	7					10	162	3.5	2.8
19					4	3					2	3	2	2			8	99.5	2.5	19.6
20	1		2									1	1	2			17	73.5	1.6	11.6
21					2	1			1			1	2	1			16	**65**	2.5	
22			1			1				2	3	5	2	1			9	192.5	3.3	.4
23			1		1		2	2				2	4	1	1		10	163.5	1.9	10.4
24							4		6	2	5	4					3	354	1.6	22.6
25									4	13	4	1					2	410	1.6	11
26							1			5	12	3	1				2	434	.8	35.6
27	3									1				1	3	3	13	97	.5	16.3
28											4	6	3				11	180.5	2.3	
29											6	6	2				10	170.5	2.6	
30											3	1	3	2	1		14	96	3.2	
31						1	6				3	3	1				10	179	3.9	
Total	6	1	6	1	10	9	14	6	16	52	132	210	38	16	5	3	219	10,790	79.3	399
Mean	0.2	0	0.2	0	0.3	0.3	0.5	0.2	0.5	1.7	4.3	6.8	1.2	0.5	0.2	0.1	7.1	348.1	2.6	12

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	757.70	11.00p.	32.5	10.55a.	92	23.9	755	3.55p.	24.5	11.20p.	67	21.2
2	59.10	10.05p.	32.9	1.55p.	95	23.8	55.85	3.35p.	23.2	5.40a.	71	19.7
3	58.25	9.55p.	32.4	10.50a.	93	23.9	55.80	4.15p.	24.7	4.50a.	70	20.7
4	57.45	10.35a.	29.1	3.25p.	96	23.9	54.95	3.50p.	24.2	6.10a.	81	20.8
5	56.45	10.00p.	30.5	10.40a.	97.5	24.3	54.30	4.20p.	24.3	4.50a.	82	20.8
6	**55.15**	0.25p.	28.1	6.45a.	97	23.7	52.80	4.40p.	24.5	2.05a.	79	20.7
7	55.30	10.45p.	**27.5**	1.35p.	**99**	23.2	**52.55**	4.40p.	24.3	4.30a.	**86**	21.5
8	57.55	11.00p.	31	3.45p.	**99**	24.4	53.65	3.00a.	23.7	6.50a.	79	21.3
9	58.05	11.10p.	32.2	11.15a.	94	25	55.90	4.40p.	24.2	5.45a.	75	21.5
10	57.85	10.40p.	32	1.40p.	90	24.6	56.31	4.00p.	26.9	4.40a.	74	22.6
11	57.20	10.05a.	32	11.40a.	**87**	**25.9**	55.30	4.35p.	**27.7**	4.50a.	75	**23.2**
12	57.80	10.20p.	31.7	2.25p.	**87**	25.5	55.35	4.55a.	27.3	5.20a.	78	23.1
13	58	10.20a.	32.6	0.50p.	88	25.8	56.05	2.40a.	27.1	5.15a.	77	22.5
14	59.60	10.15p.	32.2	0.25p.	96	**25.9**	56.95	3.25p.	24.8	7.05a.	75	20.1
15	59.95	10.20p.	32.6	11.20a.	98	25.2	**57.85**	3.25p.	24.4	3.30a.	72	20.3
16	58.85	0.05a.	32	3.15p.	95	23.5	55.56	4.00p.	23.1	8.30p.	73	19.4
17	57.55	10.20p.	32.1	3.25p.	97	**22.9**	55.10	4.30p.	**22.7**	5.40a.	66	19.5
18	57.80	10.25p.	32.7	3.35p.	97	23.2	54.90	4.20p.	24	4.00a.	64	20.7
19	58.35	10.35p.	32.9	3.30p.	96	23.6	54.85	3.15p.	24.5	4.00a.	66	21.4
20	58.30	10.45p.	32.1	0.35p.	97	24.5	55.50	4.30p.	23.7	5.35a.	73.5	20.7
21	58.60	10.35p.	33	2.20p.	98	23.6	55.95	4.55p.	23.8	4.45a.	69	18.8
22	57.85	0.10a.	32.5	2.25p.	98	23.5	55	3.00p.	24	3.10a.	70	21.3
23	56.90	0.05a.	31.6	11.50a.	98	23.4	54.05	6.10p.	24	5.00a.	73	20.4
24	56.55	10.20p.	28.7	8.50a.	**99**	23.2	54.05	3.45a.	23.9	8.35p.	78	20.5
25	56.90	10.40p.	30.9	11.55a.	89	24.1	54.60	5.30a.	23.8	5.40a.	77	20
26	58.75	10.10p.	31.5	11.45a.	97	23	54.95	5.15a.	23.5	9.10p.	75	**18.3**
27	58.85	9.40p.	29.5	2.20p.	97	23.5	56.60	2.40a.	23.9	6.15a.	83	21.4
28	59.80	10.30p.	32.3	3.35p.	96	23.8	57.70	1.15a.	23.7	1.45a.	67	21.2
29	**60.55**	10.40p.	32.5	3.40p.	95	23.1	**57.85**	3.15p.	23.7	6.05a.	67	20.2
30	60.15	0.05a.	32.2	2.10p.	93	24.1	57.43	4.00p.	25.3	5.45a.	**60**	**19.7**
31	60.30	10.10p.	**33.5**	1.10p.	94	24.1	57.50	2.15p.	23.7	5.50a.	66	20.4
Mean	758.11	--------	31.6	--------	95	24.1	755.49	--------	24.4	--------	73.2	20.8

DAILY GENERAL REMARKS.

1----d in the afternoon; ●² at night.
2----● in the early morning; coloration of clouds at sunrise.
3----○° at noon; some rain in the afternoon and at night.
4----● in the morning; d° in the afternoon.
5----Somewhat rainy and squally weather.
6----As yesterday.
7----Do.
8----● in the morning and evening with gusty SWly winds.
9----Coloration of clouds at sunrise; ●, ○ in the morning; gusty WSW winds in the afternoon.
10----Gusty WSW winds at intervals; ○ in the morning.
11----Gusty WSW winds at intervals; ○ in the forenoon; d°, ⊕ in the afternoon.
12----Gusty WSW winds at intervals with some ●° in the forenoon and evening; ○° in the morning.
13----Gusty WSW winds at intervals; ○² in the morning; [< SE quadrant in the afternoon; [< W in the evening.
14----●² ⊤° NNW in the morning; [< N quadrant, ○ in the afternoon; thundershowers in the evening.
15----● in the morning and afternoon; gusty SWly winds at noon; ⊤ S quadrant in the evening.
16----[< E quadrant in the afternoon; ●² at night.
17----Coloration of clouds at sunrise; ⊤ E, d in the afternoon.
18----d in the morning; ● at night; [< S quadrant in the evening.
19----● in the early morning; ○ in the early morning; [< NE and SE quadrants in the afternoon; ●² in the evening.
20----[< NE quadrant, ● in the afternoon.
21----○° in the morning; [< NE quadrant, WNW, SW, d° in the afternoon.
22----d in the early morning; convergence of Ci. toward E in the morning; ⊤ SSW 12.23 p.
23----● in the early morning and afternoon; coloration of clouds at sunset.
24----● in the morning and at night; gusty SWly winds in the afternoon.
25----p° in the morning; gusty SSW winds in the forenoon and afternoon, ● in the afternoon; thundershowers in the evening.
26----Somewhat rainy and squally weather; ○° in the morning; ⊤ E quadrant at noon; < NW in the evening.
27----[<° NW quadrant in the morning; ● in the morning, afternoon and evening.
28----Overcast.
29----◡, < N in the evening.
30----d°, ○² in the morning; ○, ⊕ in the afternoon.
31----< N quadrant in the evening.

OBSERVATIONS FOR AUGUST, 1914.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.35	58.95	58.90	59	59.20	59.45	59.69	59.97	60.14	59.99	59.63	59.02
2	59.60	59.40	59.40	59.30	59.30	59.40	59.67	59.79	**59.82**	59.77	59.25	58.89
3	**59**	58.75	58.40	58.30	58.40	58.52	58.72	58.90	58.87	58.69	58.62	58.08
4	58.30	57.95	57.80	57.50	57.55	57.80	58.01	58.55	58.74	58.77	58.57	58.09
5	58.35	57.80	57.60	57.25	57.25	57.82	58.23	58.48	58.69	58.68	58.43	58.12
6	58.50	58.25	57.85	57.70	57.80	58.04	58.53	58.84	59.09	58.89	58.64	58.06
7	58.75	58.20	58	58	57.95	58.04	58.63	59.04	58.94	**59.25**	58.93	58.58
8	57.70	57.35	57.10	57.25	57.40	57.80	58.09	58.45	58.13	58.54	58.14	57.78
9	57.75	57.20	57.15	57.35	57.60	57.66	57.91	**58.19**	58.08	58.02	57.86	57.19
10	**57.70**	57.30	56.60	56.65	56.70	56.89	56.84	56.90	57.25	57.04	56.90	56.45
11	**55.90**	55.65	54.75	54.30	54.15	54.19	54.71	55.12	55.29	55.34	55.09	54.74
12	54.40	53.85	53.70	53.35	53.40	53.55	53.89	54.41	54.31	**54.74**	54.27	53.73
13	53.75	53.55	53.30	53.25	53.30	**52.98**	53.76	53.93	54.12	54.28	54.32	54.18
14	55.45	55.20	**54.90**	55.10	55.45	55.80	56.18	56.71	56.54	56.24	56.17	56.13
15	57.45	56.80	57	57.05	56.95	56.94	57.11	57.60	58.27	58.22	57.75	57.49
16	58.25	58.05	57.95	57.75	57.70	57.96	58.21	58.52	58.64	58.45	57.92	57.57
17	58.55	58	58.05	57.85	58.20	58.59	58.85	59.14	59.19	59.12	59.14	58.47
18	58.70	58.35	58.10	58.05	57.95	58.16	58.65	58.82	58.89	58.79	58.62	58.01
19	58	57.55	57.35	57.35	57.40	57.55	57.65	57.94	58.16	58.22	57.86	57.60
20	**57.75**	57.35	56.85	56.65	56.75	56.29	56.75	57.62	57.62	57.20	57.27	56.73
21	55.95	55.55	55.05	55.50	55.30	54.94	55.36	55.57	55.67	55.48	55.19	54.75
22	55.60	**55.05**	55.50	55.45	56.35	56.61	57.29	57.41	57.49	57.54	57.22	56.96
23	57.40	57.25	57.20	57.10	57.10	57.24	57.64	57.95	58.08	58.08	57.91	57.89
24	58.50	58.05	57.80	57.85	58	58.35	58.35	58.64	58.78	58.77	58.52	58.22
25	**58.40**	57.85	57.50	57.60	57.60	57.45	57.57	57.99	58.19	57.97	57.72	57.48
26	**56.35**	55.85	55.60	55.40	55.45	55.53	55.78	55.80	55.98	55.84	55.73	55.51
27	54.60	54	53.60	53.50	53.45	53.56	53.74	54.23	54.25	54.19	54.34	54.03
28	55.55	55.45	**55**	**55**	55.10	55.45	56.45	56.55	56.60	56.59	56.24	56.79
29	57.35	57.25	57.15	57.10	57.35	57.53	57.85	58.07	58.13	58.09	58.07	57.92
30	57.95	57.65	57.10	57.15	57.20	57.34	57.65	58.09	58.29	58.23	57.92	57.94
31	57.20	56.60	56.40	55.65	55.55	55.45	55.84	56.24	56.74	56.54	56.57	56.02
Mean	57.36	56.97	56.73	56.65	56.74	56.87	57.21	57.53	57.64	57.60	57.38	57.05

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.2	24.8	24.5	24.6	**24.3**	24.4	27	28	29.1	29.8	30.1	30
2	24.8	24.6	24.7	24.5	24.7	**24.3**	26.5	28.2	29.3	28.6	29.6	29.9
3	24.5	24.3	24.3	24	**23.7**	**23.7**	25.8	27.8	30.1	29.5	30	30.4
4	24.1	24	23.6	23	22.8	**22.7**	24.7	27.5	29.1	29.3	30.2	30.6
5	24.5	24.2	23.8	23.8	23.4	**23.3**	26	28.1	28.4	29.1	30.1	31.8
6	24.9	24.6	24.5	24.4	23.9	**23.8**	26	27.9	29	29.2	30.1	31.1
7	25.1	25.1	25.1	25.1	24.6	**24.4**	25.3	26.5	27.8	28.7	29.5	28.6
8	24.7	24.2	24.3	24.3	24.1	**23.9**	24.3	25.1	25.3	25.7	27.2	28.5
9	24.2	24.2	24	23.7	23.8	**23.5**	25.6	27.2	28.2	29.1	30	30.3
10	25.1	24.6	24.7	**24.4**	**24.4**	**24.4**	25.3	26.7	27.9	28.3	27.8	28.5
11	25.9	25.8	25.7	25.1	25.1	**24.7**	24.9	25.1	25.3	25.6	26	28.9
12	25.2	25.8	25.9	26.1	26.3	26.6	27.2	27	26.5	**25.1**	26.7	27.5
13	27.1	27.1	27.3	27.3	27.1	27.4	27.7	28.7	29.1	**30**	29.7	25.9
14	26.2	26.1	25.9	25.3	**25**	25.2	26.2	27.5	27.3	29.5	29.6	29.7
15	**24.9**	25.1	25.9	25.9	25	**24.9**	26.2	28.1	28.4	29.3	**30.3**	30
16	24.4	24.2	24.1	24	23.7	**23.5**	25.3	27.4	29.3	29.5	29.5	30.4
17	27.4	27.2	26.3	25.8	25.8	25.4	27.6	28.8	28.4	30	30.4	30.5
18	24.2	23.8	23.8	23.8	23.8	**23.6**	26	27.4	27.8	28.8	29.3	29.7
19	25.7	25	25.1	24.8	24.7	**24.6**	26.3	28.1	29	29.8	30.4	30.8
20	25.1	25	25	24.6	24.6	24.2	24.5	26	25.1	**23.8**	25	24.7
21	26.2	25.7	26.4	25.2	26.4	27.1	27.3	28.3	26.5	27.8	**29.8**	27.9
22	24.1	24.3	24.8	25.2	23.7	23.7	23.7	**23.5**	23.9	24	24.4	24.8
23	24	**23.7**	24	24	24	24	25.4	27.5	28.6	30	**30.7**	30.3
24	26.9	27.2	27.1	26.1	25.3	25.6	27	27.7	28.4	28.8	29.1	**29.7**
25	27.4	27.4	**23.9**	24.6	25.8	27	27.5	27.4	27.9	29.1	29.5	29.7
26	27.3	27.7	27.3	27.5	**27.2**	27.7	27.3	28.3	27.9	28.5	28.8	**29.2**
27	26.4	27.4	27.7	27.6	27.6	27.7	27.7	28.2	29	29.7	29.5	**29.8**
28	27.5	**23.7**	26.9	26.6	27.1	27	26.2	26.7	26.5	28.2	**29.1**	28.8
29	26.1	**25.9**	26.3	26.4	26.1	27	27.5	28.4	29	29.2	**30.2**	29.4
30	27.4	25.7	26.6	26.1	26.8	26.7	26.5	26.6	29	**29.1**	26.6	**24.3**
31	26.4	26.1	25.6	26.1	26.4	26.2	26.7	25.4	26.9	27.8	**28.2**	26
Mean	25.6	25.3	25.3	25.2	**25.1**	**25.1**	26.2	27.3	27.9	28.4	28.9	29

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.37	57.81	57.71	**57.63**	58.21	58.78	59.47	59.50	60.40	**60.80**	60.50	60.05	**59.27**
58.52	57.95	57.36	**57.16**	57.55	57.75	58.55	59.05	59.45	59.60	59.55	59.30	58.97
57.42	56.98	56.99	**56.46**	56.77	57.32	57.64	58.05	58.80	58.95	58.85	58.60	58.17
57.46	56.86	56.42	**56.34**	56.92	56.98	57.46	58.20	58.65	**59.05**	**59.05**	58.75	57.91
57.55	57.11	**56.71**	56.80	56.95	57.55	58.09	58.85	59.25	**59.65**	59.55	59.25	58.08
57.40	56.97	**56.89**	**56.89**	56.90	57.39	58.03	58.15	58.75	59.10	**59.15**	58.90	58.11
57.59	57.08	56.78	**56.45**	56.94	57.17	57.21	57.70	58.40	58.70	58.45	58.10	58.04
57.22	56.68	56.42	56.59	**56.35**	57.24	57.65	57.95	58.45	**58.60**	58.50	58.20	57.65
56.62	56.37	56.15	**56.05**	56.40	56.64	56.95	57.45	57.80	58.15	58.05	57.85	57.35
55.97	55.74	55.24	55.34	**54.95**	55.27	55.84	55.90	56.35	56.65	56.50	56.05	56.38
54.54	53.88	53.70	53.35	**53.32**	53.57	53.74	54.15	54.85	55.30	55.45	55.25	54.60
53.26	53.37	**52.89**	52.94	53.96	53.84	54.14	54.15	54.45	54.55	54.10	54.10	**53.89**
54.15	53.86	53.66	53.66	53.92	54.59	55.05	55.70	55.85	**56.05**	55.75	55.70	54.28
55.97	55.53	55.50	55.47	55.70	56.37	56.90	57.25	57.60	**57.95**	**57.95**	57.80	56.24
57.12	56.74	56.67	**56.51**	56.68	57.29	58.13	58.55	59.25	**59.40**	59.20	58.80	57.62
57.17	56.86	56.47	**56.20**	56.49	56.81	57.30	57.80	58.20	**58.75**	**58.75**	58.70	57.77
57.91	57.46	57.33	**56.92**	57.03	57.77	58.02	58.90	59.60	**60.10**	60.05	59.15	58.47
57.47	56.81	**56.36**	**56.36**	56.66	57.14	57.86	58.10	58.70	**59.10**	**59.10**	58.75	58.06
57.04	56.58	56.39	**56.21**	56.42	56.52	57.18	57.75	58.35	**58.65**	58.45	58.10	57.51
55.83	55.25	55.05	**54.80**	54.99	55.08	55.37	55.75	56.25	56.70	56.75	56.35	56.38
54.37	**53.89**	54.08	53.96	54.33	54.51	54.83	55.25	56.10	**56.70**	56.60	56.20	55.21
56.60	56.27	56.01	55.71	55.94	55.72	56.34	56.60	57.10	57.50	**58.05**	57.70	56.58
57.48	57.02	56.79	56.69	**56.66**	56.88	57.24	57.85	58.60	**58.90**	58.80	58.80	57.61
57.96	57.71	57.47	**57.23**	57.54	57.74	58.19	58.55	58.90	59.05	**59.30**	58.80	58.26
57.06	56.80	56.25	55.98	**55.82**	56.69	56.39	56.60	56.85	57.25	57.25	56.80	57.21
54.88	54.48	54.18	**54.08**	54.18	54.62	54.96	55.05	55.35	55.70	55.30	54.90	55.27
53.82	53.60	53.52	**53.37**	53.63	53.94	54.54	55	55.65	**56.15**	**56.15**	55.75	54.28
56.21	55.27	55.47	56.02	56.17	56.24	56.39	56.85	57.30	57.40	**58**	57.60	56.24
57.61	57.24	56.95	**56.86**	56.92	57.04	57.44	57.55	58.20	**58.40**	**58.40**	58.20	57.61
57.34	57.12	56.59	**56.19**	56.33	56.64	57.32	57.65	57.95	**58.55**	58.05	57.60	57.49
55.68	55.41	55.12	**55.02**	55.32	56.01	56.28	56.60	**57.45**	**57.45**	57.05	56.75	56.21
56.57	56.15	55.91	**55.78**	56	56.36	56.79	57.18	57.70	**58.03**	57.96	57.64	56.99

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.1	**31.7**	**31.7**	31.3	30.5	29.2	25.6	25.2	24.9	24.6	24.7	24.6	27.4
30.3	31.5	**31.9**	**31.9**	28	26.8	26.1	25.3	25.2	24.8	24.6	24.5	27.1
30.8	29.4	27	27.5	29.1	27.6	26.4	26.2	25.9	25.5	25.1	24.6	26.8
30.5	31.1	**31.4**	31.3	31.3	29.8	28.8	27.2	25.3	24.9	25.1	24.9	27.2
32.2	**32.6**	31.9	29.6	29.5	29.3	28.4	26.7	25.7	25.5	25.4	25.4	27.4
31.2	**31.3**	26.3	26.6	26.5	26.5	26.2	26.1	26.1	25.1	25.8	25.3	26.8
29.3	28.8	30.1	**30.2**	27.8	26.2	25.9	25.6	25.4	25.1	24.9	24.8	26.7
28.6	29.2	**29.3**	28.5	28.7	27.9	26.2	25.3	24.8	24.4	24.2	24.1	26
31	30.7	28.8	27.9	27.8	27.4	27.3	25.8	25.8	25.6	25.3	25.2	26.8
29.8	29.3	28.4	28.4	28	26.7	25.9	25.8	26.2	25.7	26.7	26.1	26.6
29.2	28.1	28.1	27.5	27.5	27	26.9	27	27	27	26.4	25.1	26.5
28	26.7	27.7	27	25.2	26.1	26	26.2	26.1	26.4	26.9	26.5	26.4
26.5	25.8	28.2	28.1	28.2	26.6	26.5	**25.2**	25.5	26	26.3	26	27.2
29.8	29.6	29.1	28.2	28.2	26.8	26.1	25.9	25.5	25.7	25.2	**25**	27
29.7	29.5	28	29.3	29.7	28.2	28	27.6	26.1	26.1	26.2	**24.9**	27.4
30.7	**30.7**	30.6	30.5	30	28.4	28	28	27.9	27.5	27.5	27.4	27.6
31	30.7	29.9	27.4	27.2	26.7	26.6	26.6	25.6	24.6	**24.2**	**24.2**	27.4
31	**31**	30.9	30.9	30	29	28.6	28.2	28.1	28	27.1	26.6	27.6
30.6	**31.2**	29.8	30.1	28.9	28.5	28.3	28.3	28.1	28	27	25.2	27.8
25.3	26.4	**29**	27.3	28	27.8	27.5	27.6	27.3	27.6	26.1	25.6	26
29	28.4	28.1	26.3	27.7	26.9	27.9	27.3	24.1	**23.9**	**23.9**	**23.9**	26.8
25	25.5	**26**	25.6	25.1	24.9	24.6	24.7	24.7	24.7	23.9	24.4	**24.6**
30.2	30.1	29.9	30	29.5	28.3	27.9	27.7	27.6	27	26.7	26.6	27.4
29.1	29.4	27.9	28.1	27.7	27.9	26.7	26.5	27	27.3	**24.3**	25.3	27.3
30	**30.2**	29.2	29.7	28.7	24.7	25.9	27.4	27.5	27.9	27.3	27.6	27.6
28.9	28.8	28.9	28.9	28.3	28.4	27.4	28.2	28.1	27.6	27.8	27.3	**28.1**
29.4	28.7	28.8	28.6	28.5	28.2	28	26.1	25.4	26.1	**24.6**	26.1	27.8
28.5	29	28.4	24.9	26.5	26.9	27.2	26.5	25.3	27.5	25.9	26.4	27
30	29.8	29.8	29	28	27.4	27.9	27.8	27.9	27.8	27.8	27.7	28
25.3	27	27.6	27.7	27.6	26.7	25.9	26.4	25	26	25.9	26.2	26.6
25.4	27.2	26.7	25.8	25.8	24.6	25.5	25.2	**24.1**	24.9	24.8	24.8	25.9
29.3	**29.3**	29	28.5	28.2	27.3	26.9	26.6	26.1	26.1	25.7	25.6	27

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	92	**95**	**95**	93	**95**	88	80	77	74	72	70
2	89	90	89	87	85	87	82.5	74	71	77	72	71
3	**91**	88	88	90	**91**	89	85	81	**71**	**71**	73	**71**
4	86	87	87	**88**	86	87	84	76	69.5	68	68	66
5	90	92	93	91	94	**95**	84	79	75	76	68	59
6	88	91	91	89	89	91	88	75	72	77	68	64
7	95	96	97	95	**98**	97	93	85	79	78	76	77
8	90	91	91	88	89	87	89	92	**93**	91	84	78
9	91	92	91	92	92	94	89	83	81	76	75	75.5
10	93	91	92	92	93	94	**96**	90	82	79	83	79
11	88.5	87	86	92	92	**95**	94	92	93	91	90	87
12	87	81	84	88	82	86	83.5	81	88	**94**	84	**80**
13	81	82	81	81	82	83	84	82	81	**77**	79	89
14	89	90	88.5	91	**92**	91	90	84	87	76	77	73
15	**92**	**92**	86	85	88	88	86	76	75	69	**68**	71
16	86	87	90	**92**	**92**	**92**	88	80	72	72	72	68
17	81	83	88	89	**90**	87	82	75.5	77	73	71	68
18	86	86	88	87	88	**89**	85	78	80	76	72	71
19	85	**89**	87	87	88	88	84	80	76	75	72	74
20	92	92	91	93	92	91	91.5	87	95	**96**	92	95
21	87	91	86	92.5	82	88	87	81	**94**	85	**76**	86
22	95	**97**	96	92.5	95	95	96	90	93	96	92	**88**
23	**99**	94	97	97	97	97	95	88	83	78	72	72
24	88	87	87	89	**92**	89	86.5	82	80	77	81	79
25	83	83	86	86	**88**	86.5	87	83	83	80	78	78
26	**84**	81	83	81	82	79	77	77	79	76	77	76
27	81	78	76	76	76	76	77	74	71	70	68	**67**
28	84	84	85	86	85	85	84	85	80	81	76	**73**
29	89	85	89	90	**92**	86.5	81	77	78	77	75	79
30	84	88	88	85	86	86	87	87	83	**81**	91	**97**
31	89	89	91	90	88	88	86	89	86	84	**83**	84
Mean	88.2	88.3	88.6	88.9	89	**89.1**	86.8	82	80.8	79.1	76.9	76.3

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.4	21.5	21.7	21.8	21	21.6	**23.3**	22.5	23.1	23.1	22.9	22.1
2	20.7	20.7	20.6	19.8	19.6	19.7	21.2	21.2	21.5	**22.3**	22.1	22.2
3	20.7	19.9	19.9	19.9	19.7	**19.3**	21.1	22.1	22.4	21.7	23.1	22.8
4	19.3	19.3	18.8	18.3	17.7	17.8	19.5	20.8	20.8	20.6	**21.6**	21.5
5	20.5	20.7	20.4	20	20.1	20.1	21	22.2	21.6	**22.7**	21.6	20.6
6	20.6	20.8	20.7	20.2	**19.6**	19.8	21.9	21	21.5	23.2	21.6	21.6
7	22.5	22.7	22.9	22.5	22.6	21.9	22.3	21.8	22	22.7	23.2	22.3
8	20.8	20.3	20.5	19.9	19.8	**19.2**	20.1	21.9	22.3	22.3	22.6	22.6
9	20.5	20.7	**20.1**	**20.1**	20.2	20.2	21.8	22.2	23	22.8	23.5	**24.2**
10	22.1	**20.8**	21.2	21	21.2	21.3	23	23.3	22.7	22.5	23.1	22.8
11	22	21.5	21.1	21.7	21.9	21.9	22	21.9	22.3	22.1	22.5	**25.8**
12	20.7	**19.9**	20.8	22.1	20.9	22.2	22.4	21.5	22.6	22.3	21.9	21.8
13	21.6	21.8	21.7	21.7	21.8	22.5	23.3	23.9	24.3	24.2	**24.4**	22.2
14	22.4	22.6	22	21.8	21.6	21.6	22.8	23	23.4	23.2	**23.8**	22.7
15	21.6	21.9	21.4	21	20.8	20.6	21.8	21.4	21.5	20.9	21.9	22.3
16	**19.4**	19.6	20	20.4	20.1	19.8	21	21.7	21.9	22	22	22
17	22.1	22.2	22.3	22	22.3	20.9	22.5	22.2	22.3	22.9	22.8	21.9
18	19.2	**18.9**	19.3	19.1	19.3	19.2	21.3	21.3	22.2	22.4	21.9	21.9
19	20.9	21	20.5	**20.3**	20.4	**20.3**	21.3	22.6	22.7	23.2	23.3	**24.3**
20	21.9	21.6	21.3	21.4	21.2	**20.5**	20.9	21.7	22.5	20.9	21.6	21.9
21	22	22.3	21.9	22	20.9	23.5	23.4	23.2	24.3	23.6	23.6	24
22	21.1	22	22.3	22	20.6	20.6	20.8	**19.3**	20.5	21.2	21	20.5
23	22	**20.5**	21.4	21.6	21.4	21.4	22.9	24.1	24.2	24.6	23.5	23.2
24	23.2	23.2	23.1	22.5	21.9	21.8	22.9	22.7	23.1	22.6	24.3	**24.4**
25	22.5	22.5	**18.9**	19.7	21.9	22.9	23.6	22.5	23.2	23.9	23.8	**24.1**
26	22.7	22.3	22.3	22	21.9	21.9	20.7	22.1	21.9	22	22.6	**23**
27	20.7	21.3	21.1	20.9	20.9	21.1	21.2	20.9	21.2	21.6	20.8	21
28	22.8	**18.3**	22.4	22.2	22.7	22.5	21.2	22.1	20.6	23	22.7	21.6
29	22.5	**21.2**	22.5	23.1	23	22.9	22.2	22.3	23.3	23.2	23.8	23.9
30	22.6	21.5	22.7	21.3	22.4	22.3	22.4	22.6	**24.6**	24.3	23.5	22
31	22.7	22.2	22.1	22.6	22.4	22.2	22.5	21.5	22.8	23.2	23.6	**21**
Mean	21.5	21.2	21.2	21.1	**21**	21.1	21.9	22	22.5	22.6	**22.7**	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
67	**59**	63.5	66	69	70	84	86	87	89	89	90	80.9
68	**60**	62	61	70	77	76	77	80	86	**91**	**91**	78.1
71	72	73	77	74	79	82	83	87	86	87	87	81.1
55	53.5	**53**	54	63	69	70	79	71	84	**88**	87	**74.1**
50.5	**50**	**50**	70	70	72	77	78	81	82	88	87	77.1
61	**61**	83	86	88	90	93	94	93	94	95	**96**	84
76	79	**74**	**74**	82	87	88.5	88	88	90	92	91	86.5
80	73	**70**	77	74	80	85	88	89	87	89	91	85.2
67	70.5	79	78	79	81	83	90	93	94	**95**	93	84.8
75	79	79	78	78	86	88.5	90	88	93	87	87	86.4
81	**81**	82	**81**	83	85	86	86	87	87	87	86	87.5
83	87	85	85	**94**	91	90	85	90	90	83	87	86.2
85	88	83	82	82	90	87	89	90	85	87	**91**	84.2
69	72	75	77	77	82	88	85	88	89	**92**	**92**	83.9
74	78	82	74	70	75	74	79	79	80	79	86	79.4
66	69	68.5	69	68	74	78	79	78	80	80	81	78.4
69	**66**	73	84	88	89	88	84	88	83	82	84	80.9
61	68	68	70	75	76	76	78	79	74	82	80	78
70	71	75	75	78	78	79	80	74	82	86	88	80
93	90	**80**	86	81	81	84	81	84	81	85	92	88.6
76	80	85	87	90	83	80	84	93	93	91	92	86.2
92	91	90	93	93	94	95	95	95	**97**	94	**97**	**93.8**
71	**70**	76	76	81	82	83	85	86	90	90	90	85.4
77	**76**	**76**	81	84	80	83	88	85	84	87	89	83.6
76	**73**	76	76	78	82	**88**	82	82	81	85	82	81.8
76	**74**	**74**	**74**	78	76	76	75	75	78	76.5	79	77.6
70	73	75	75	73	77	78	85	77	85	**90**	83	76.3
77	78	79	**88**	80	83	83	86	**88**	87	86	85	82.8
77	**72**	73	76	82	80	83	82	84	83	79	84	81.4
94	88	87	86	84	88	83	87	88	89	93	89.5	87.5
88	90	88	96	94	95	96	96	95	96	96	**97**	90.6
74	**73.9**	75.4	77.8	79.4	81.7	83.4	84.6	85.2	86.4	87.5	88.2	83

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.7	20.6	22	22.6	22.4	21.1	20.4	20.5	**20.3**	20.4	20.6	20.7	21.7
21.7	20.8	21.8	21.5	19.7	20.2	19	**18.5**	19.2	19.9	20.8	20.7	20.6
23.3	22.1	**19.3**	21	22	21.7	20.9	21	21.6	20.9	20.5	19.9	21.1
18	18	18.2	18.2	21.3	**21.6**	20.6	21.2	**17.1**	19.7	20.7	20.5	**19.6**
18.1	18.2	**17.7**	21.5	21.3	21.7	22	20.3	19.8	19.9	21.1	20.9	20.6
20.5	20.9	21.2	22.2	22.6	23	23.4	23.4	23.3	**23.7**	23.5	23	21.8
22.9	23.3	23.5	**23.7**	22.8	22	22	21.6	21.3	21.3	21.4	**21.1**	22.3
23.1	21.9	21.1	22.2	21.7	22.3	21.4	21.2	20.7	19.8	19.9	20.4	21.2
22.5	23.1	23.3	21.8	22	22.1	22.3	22.3	22.8	22.9	22.7	22.2	22.1
23.5	**23.8**	22.7	22.4	21.9	22.5	22	22.3	22.2	22.7	22.7	21.8	22.3
24.3	22.9	23	22.2	22.6	22.5	22.5	22.7	23.1	23.1	22.3	**20.4**	22.4
23.3	22.7	**23.5**	22.5	22.4	22.9	22.5	21.6	22.6	23.1	22	22.4	22.1
21.8	21.6	23.6	23	23.2	23.4	22.4	21.2	21.8	**21.1**	22.1	22.7	22.6
21.4	22.3	22.4	21.7	21.7	21.4	22.1	**21.2**	21.4	21.9	21.8	21.6	22.2
22.9	**23.8**	22.9	22.3	21.6	21.3	20.9	21.7	**19.7**	20.1	19.8	20.1	21.4
21.7	**22.7**	22.3	22.4	21.4	21.2	21.9	22.3	21.8	21.8	21.8	21.8	21.4
22.9	21.7	22.7	22.9	**23.6**	23.1	22.7	21.8	21.6	19.2	**18.5**	18.8	21.9
20.4	22.7	22.5	23.2	**23.5**	22.5	22.1	22.1	22.2	20.9	21.8	20.7	21.3
23	24.1	23.5	23.7	23.2	22.6	22.5	22.7	21	22.9	22.7	21.1	22.2
22.3	22.9	**23.7**	23.1	22.7	22.4	22.8	22.1	22.5	22.1	21.3	22.4	22
22.7	22.8	23.9	22.1	**24.8**	22	22.3	22.7	20.8	20.5	**20.1**	20.3	22.5
21.6	22	**22.5**	**22.5**	22.1	22	21.8	21.9	21.9	**22.5**	20.7	21.9	21.5
22.5	22.2	23.8	23.9	**24.7**	23.3	23.2	23.5	23.6	23.7	23.5	23.1	**23**
23.1	23	21.1	22.9	23.1	22.3	21.5	22.6	22.5	22.7	**19.7**	21.4	22.6
23.9	23.2	23	23.5	22.9	**18.9**	21.8	22.2	22.4	22.6	22.9	22.5	22.5
22.5	21.8	21.9	21.9	22.3	21.9	**20.6**	21.3	21.2	21.3	21.2	21.3	21.9
21.4	21.3	**22**	21.9	21.1	21.7	21.9	21.4	**18.7**	21.3	20.7	20.9	21.1
22.2	23.3	22.7	20.6	20.6	22	22.2	22.2	21	**23.8**	21.4	21.7	21.9
24.2	22.4	22.6	22.5	23.1	21.7	23.2	22.6	23.4	23.1	22	23.3	22.8
22.6	23.3	24	23.7	22.9	22.9	**20.6**	22.3	20.8	22.3	23	22.6	22.6
21.3	**24.2**	22.9	23.6	23.2	21.8	23.2	22.8	**21**	22.4	22.3	22.5	22.5
22.2	22.2	22.3	22.4	22.4	22	21.9	21.8	21.4	21.7	21.5	21.4	21.9

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.-N.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.
3	----------	Cu.	----------	Cu.	----------	Cu. E	Ci.	Cu.	----------	Cu.
4	Ci. ENE	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
5	Ci. NE	Cu.	Ci. NE	Cu.	Ci. NE	Cu.	Ci. NE	Cu.	Ci. NE	Cu.
6	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
7	Ci.-S.	S.-Cu. E	Ci.-S. NE	Cu.	Ci.-S. NE	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E
8	----------	Cu.-N. E	----------	S.-Cu. E	----------	Cu.-N.	----------	S.-Cu. E	----------	Cu. E
9	A.-Cu. ESE	S.-Cu.	A.-Cu. ESE	Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu. EbyS	----------	Cu.
10	A.-Cu.	Cu.	----------	Cu. SW	----------	Cu. SW	----------	Cu.-N.	----------	Cu.-N.
11	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. wsw	Ci.-S.	Fr.-N. wsw	Ci.-S.	Cu.
12	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW	----------	N. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
13	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw	----------	Cu.-N. wsw
14	----------	N.-cf. SSW	Ci.-S.	Cu. SSW	Ci.-S.	Cu. SSW	Ci.-S.	Cu. SSW	Ci.-S.	Cu. SSW
15	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
16	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
17	A.-Cu.	Cu. NW	Ci.-S.	Cu. NE	A.-Cu.	Cu. NE	A.-Cu.	Cu. NE	Ci.	Cu.
18	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.
19	Ci.	Cu. WSW	Ci.	Cu. WSW	----------	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu. WSW
20	----------	Cu.-N. SW	----------	Fr.-N. SWbyW	----------	N. SW	----------	Fr.-N. SW	----------	Fr.-N. SW
21	----------	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. wsw	Ci.-S.	Cu.-N.	----------	N.-cf. WSW
22	----------	Fr.-N. SW	----------	Fr.-N. SW	----------	N.	----------	Fr.-N. SW	----------	Fr.-N.
23	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
24	----------	Cu.	Ci.-S.	Cu. SW	----------	N.-cf. SW	----------	Cu.-N. wsw	Ci.-S.	Cu.
25	Ci.-S.	Fr.-N. WSW	----------	Cu.-N.	----------	Cu.-N. wsw	Ci.-S.	S.-Cu.	----------	Cu.
26	Ci.-S.	S.-Cu. WSW	----------	Cu.-N. WSW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. WSW	Ci.-S.	Cu.
27	Ci.-S.	Cu.-N. WSW	Ci.-S.	Fr.-N.	----------	Fr.-N. SW	----------	Cu.-N. SW	----------	Cu.-N.
28	----------	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. wsw	Ci.-S.	Cu. WbyS	----------	N.-cf.
29	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
30	A.-Cu. WbyN	N.-cf. WSW	A.-Cu. wbyN	N.-cf. WSW	----------	N.-cf.	----------	N.	----------	N.
31	----------	N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. wsw	----------	Cu.-N. wbys	----------	N.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.-N. E	Ci.	Cu.-N. E
2	----------	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	Ci.	Cu.
3	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
4	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.	Cu.-N. E
6	Ci.	Cu.-N. E	----------	Cu.-N. E	Ci.	Fr.-N. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E
7	Ci.-S.	Cu.	A.-Cu. E	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
8	----------	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. ENE	Ci.-S.	N. ENE	Ci.-S.	Cu.
9	Ci.	Cu. EbyS	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. EbyS	Ci.-S.	Cu.-N.	----------	Cu.-N. E
10	----------	Cu.-N. SW	Ci.-S.	Cu.-N. SW	----------	Cu.-N. SW	----------	Cu.-N. SW	Ci.-S.	Cu.-N.
11	----------	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw
12	Ci.-S.	Cu.-N. WSW	----------	N.-cf. WSW	----------	Cu.-N. W	Ci.-S.	Cu.-N. W	----------	N.
13	----------	Cu.-N. WSW	----------	Cu.-N. WSW	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N.
14	Ci.-S.	Cu. SSW	Ci.-S.	Cu. SSW	Ci.-S.	Cu. SSW	Ci.-S.	Cu.-N. SSW	Ci.-S.	Cu.-N. SSW
15	A.-Cu.	Cu.	----------	Cu.	A.-Cu. EbyS	Cu.	A.-Cu. EbyS	Cu.	A.-Cu. EbyS	Cu.
16	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.
17	----------	Cu.	----------	Cu. NE	----------	Cu.-N. NE	----------	Cu.-N. NE	A.-Cu.	Cu.-N. NE
18	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.-N.	A.-Cu.	Cu.-N.
19	----------	Cu. WSW	A.-Cu. NW	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
20	----------	Fr.-N. SW	----------	Fr.-N. SW	----------	N.-cf. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Cu. SW
21	Ci.-S.	N.-cf. WSW	----------	Fr.-N. WSW	Ci.-S.	N.-cf. WSW	----------	Fr.-N. WSW	----------	N. WSW
22	----------	N.	----------	N.	----------	Fr.-N. SW	----------	Fr.-N. SW	----------	Fr.-N. SSW
23	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
24	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
25	A.-Cu.	Cu.	A.-Cu. NE	Cu. W	A.-Cu. NE	Cu. W	A.-Cu.	Cu. W	A.-Cu.	Cu. W
26	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	Fr.-N. WSW
27	Ci.-S.	Cu.	----------	Fr.-N. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Fr.-N. SW
28	Ci.-S.	N.-cf. WSW	Ci.-S.	Cu. WSW	Ci.-S.	N.-cf. WSW	----------	N.	Ci.-S.	S.-Cu.
29	Ci.-S.	Cu. WSW	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw
30	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW
31	----------	Fr.-N. WSW	----------	Fr.-N. WSW	----------	Fr.-N. WSW	----------	N.	----------	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S 1.5	SW 1.5	SW 1.5	SW 1.5	WSW 2.5
2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N 3.5	NW 1.5	W 1	W 3.5	W 2.5
3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 2	W 3	WNW 3.5
4	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1.5	WbyN 2	WNW 3
5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	EbyS 1.5	Calm	SW 1.5	SW .5	SE 4
6	Calm	Calm	Calm	NNE 2	Calm	Calm	Calm	Calm	WbyN .5	NW .5	WSW 3	WSW 3
7	Calm	Calm	NE 0.5	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	E 1	Calm
8	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
9	Calm	Calm	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	SW 2	SSW 1	SW 2
10	Calm	NWbyW 3	Calm	Calm	Calm	Calm	Calm	Calm	NNE .5	WSW 5	WSW 1	Calm
11	SSW 2.5	SSW 2	SW 2	NW 2	NW 1.5	Calm	SE 1	Calm	SSW 3	SW 7	SW 2.5	SW 2.5
12	WSW 11	WSW 9	WSW 6.5	SW 4	W 5	WSW 6.5	SW 7	WSW 6.5	SW 13.5	SW 8	WSW 6	WSW 8
13	swbyw 8	swbyw 8.5	swbyw 8	swbyw 8	swbyw 8	SW 8	WSW 5	WSW 8.5	WSW 7.5	WSW 11	SW 9.5	SSW 8.5
14	SSW 5.5	SSW 3.5	SSW 5	S 3	Calm	Calm	SSE 1.5	Calm	S 1.5	S 3.5	SSW 4	SSW 6.5
15	Calm	SE 2	S 3	S 3.5	Calm	Calm	Calm	SE 2	Calm	S 1.5	Calm	Calm
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1	Calm	WSW 2	WSW 1	WSW 2
17	WSW 5	WSW 5	NE 1	Calm	Calm	NNE .5	WNW 1	WNW 2	NW 1.5	NW 3	W 2	W 1.5
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1.5	S 2	SW 2	SW 3	SW 1.5
19	NbyW .5	NbyW .5	NbyW .5	Calm	NbyW .5	Calm	E 1.5	Calm	W 1	WSW 2.5	Calm	WSW 3.5
20	Calm	NNW 3.5	NW 2.5	NE 1.5	Calm	Calm	Calm	Calm	NW 5	WNW 7	NNW 1.5	Calm
21	swbyw 3.5	SW 7	SW 6	SW 8.5	SSW 11.5	SW 10	SW 9	SW 9	NW 10	SW 6	SW 9	SW 11
22	NNE 4	N 2	W 13	WSW 18	NNW 7.5	NW 2	W 3	WNW 2.5	WSW .5	SSW 3.5	SW 4	SWbyS 4.5
23	NE 1.5	NW 6.5	NNW .5	Calm	Calm	Calm	Calm	S 1	S 1.5	SSW 2	SW 3.5	SW 4
24	SW 2	SW 5	SW 3.5	SW 1	SW .5	Calm	Calm	Calm	SW 2.5	SW 3	SW 7	WSW 5
25	swbyw 8	swbyw 4	W 2	NW 1	swbyw 5	swbyw 11	SW 6.5	WSW 5	SW 7	WSW 9	WSW 8.5	WSW 7
26	swbyw 6.5	swbyw 9	swbyw 8	swbyw 8.5	SW 7	SW 7	SW 7.5	WSW 8	SW 5	SW 10	SW 8.5	swbyw 11
27	SW 6	SW 11.5	SW 7	SW 6.5	swbys 12	SW 10	SSW 6.5	SWbyS 8	SW 8	SSW 6	SW 9.5	SW 5
28	swbyw 8.5	swbyw 9.5	SW 9	SW 12	SW 10.5	SSW 7	SSW 9	SSW 5.5	SSW 8	SSW 9	SW 12	SW 10
29	SW 5	SW 5	SW 8	SW 6	SW 7.5	SW 8	SW 5	SW 6	SW 10	SW 7	SW 10.5	swbyw 7
30	swbyw 6.5	WSW 6	SW 6	WSW 6.5	swbyw 5	swbyw 6	SSW 5.5	SWbyS 6.5	SW 3.5	SW 7	SbyW 6.5	wbys 12
31	WSW 4.5	WbyS 6	WSW 11	WSW 13	WbyS 9.5	swbyw 11	WSW 10	WSW 16	SW 11.5	SW 11	SW 8.5	SW 11.5
Mean	2.9	3.5	3.3	3.4	2.9	2.8	2.5	3.1	3.4	4.4	4.3	4.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
1	SWbyS 3.5	SW 1	WSW 2	swbyw 4	SW 3	SW 3	Calm	Calm	Calm	Calm	Calm	Calm	1
2	W 3	W 1.5	WSW 2	swbyw 2	NNE .5	Calm	Calm	NNE 2	NNE 2	NE 2	Calm	Calm	1.1
3	W 1.5	SW .5	ESE 2	ESE 1.5	SE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.6
4	W 3.5	W 2.5	WNW 5	W 2.5	WbyN 3	WNW .5	Calm	E 1	SSE 1.5	Calm	Calm	Calm	1.1
5	SSE 1.5	SSW 5.5	SW 3	swbyw 4.5	swbyw 4	SW 1.5	SSW 2.5	NE 3	SE 1.5	Calm	Calm	Calm	1.4
6	W 4	WSW 3	ESE 2	Calm	Calm	E 1	Calm	Calm	ENE 1.5	NE .5	Calm	Calm	.9
7	SW 1.5	WSW 1	W 2	SW .5	N .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.3
8	WSW 1.5	W 2	W 2	W 2.5	W 1.5	W 1.5	Calm	Calm	NE 2	NE 1.5	Calm	Calm	.6
9	WSW 2	SW 3.5	SW 4.5	SW 3.5	SW 2.5	SW 2	SSW .5	Calm	Calm	Calm	Calm	Calm	1
10	WSW 5	WSW 3.5	WSW 4	WSW 4.5	SW 1.5	Calm	Calm	SE 1.5	SE 1.5	SE 1.5	SW 2	SSW 2	1.5
11	SW 6.5	SW 7	SW 10	SW 8	SW 9	SW 9	SW 7.5	SW 9	SW 6.5	SW 8.5	SW 7.5	SW 14	5.4
12	SW 6.5	SW 11	WSW 8.5	WSW 9.5	WbyS 9	WSW 8.5	WSW 13	WSW 7	SW 7	WSW 6.5	WbyS 6	swbyw 6.5	7.9
13	SSW 6.5	SW 6	SW 6.5	SW 6	SSW 6.5	SW 6.5	SSW 5	W 5.5	SW 6	SW 8.5	SW 6.5	S 4	7.2
14	SSW 4.5	SW 5	SW 4.5	SSW 4	SSW 4.5	SW 6.5	SSW 4	SSE 1	sEbys 1	S 2	Calm	Calm	3
15	WSW 3	W 5.5	W 4	WbyS 2.5	WSW 2	WSW 2	WSW 2	WSW 2.5	WSW 5	SW 3.5	WSW 3	Calm	2
16	swbyw 1	SW 1.5	SW 1	swbyw 1	SW 2.5	SW 3	WSW 4	swbyw 3	W 3	swbyw 4.5	SW 4	swbyw 5	1.6
17	WSW 1.5	WSW 1	Calm	Calm	Calm	Calm	Calm	ENE 2.5	Nbyw 5	NW 4.5	N 2.5	N 1	1.7
18	swbyw 3	SW 3.5	swbyw 5	SW 6.5	SW 5	SSW 2.5	SW 3	SW 7	swbyw 4.5	wbyN 4	N 3.5	NW .5	2.4
19	swbyw 4	SW 6.5	SW 8	SW 10	SSW 5	SWbyS 7.5	SW 7.5	SW 6.5	WSW 7	WSW 6	NW 8	WNW 2	3.7
20	Calm	SWbyS 3.5	SWbyS 8	SSW 6.5	SSW 8.5	SSW 7	S 3	swbys 7.5	SSW 5.5	swbys 5	swbyw 7	swbyw 9.5	3.8
21	SW 10.5	SW 11	SW 10.5	SW 11.5	SW 8	WSW 7	SW 9	W 11	NNW 7	N 3.5	N 2	NNE 3	8.1
22	S 4	SSW 6	SWbyS 6	S 3	S 2	Calm	Calm	ESE 1	Calm	Calm	W 3	NW 1	3.8
23	SW 5	SW 7	SW 5.5	SW 4.5	SWbyS 5.5	SW 6	SW 3.5	SW 4	SW 2	SW .5	SW 2.5	SW 2.5	2.9
24	SW 5	SW 5.5	SW 7	SW 7	SWbyS 5	SWbyS 3.5	SW 6	SW 3.5	SW 6	SW 6	WbyS 4	NW 2.5	3.8
25	SW 10.5	SW 10.5	SW 7.5	SW 12.5	SW 9.5	SW 6	SW 4.5	swbyw 11	WSW 7.5	swbyw 6	SW 8	swbyw 7	7.3
26	SW 11.5	SW 10.5	swbys 10.5	SSW 11	SSW 9	SSW 10.5	SSW 11.5	SW 7	SW 9.5	SW 6	SW 13.5	swbys 7	8.9
27	swbys 15	SSW 13	SWbyS 7.5	SSW 8.5	SSW 9.5	swbys 17.5	SSW 8.5	swbyw 9.5	WSW 9.5	SW 9.5	SW 8	SW 4	9
28	SW 9	SW 11.5	SW 9.5	swbyw 13	WSW 9.5	SW 10	swbyw 8.5	WSW 8	WSW 6	SW 9.5	W 7.5	WSW 7	9.1
29	WSW 10	WSW 12	SW 12	swbyw 11	SW 8.5	SW 9	swbyw 9	SW 5.5	swbyw 5	SSW 2.5	SSW 4	SW 6	7.5
30	WNW 11	swbyw 9.5	SW 8.5	SW 6.5	SW 9.5	SW 7.5	WSW 7.5	WbyS 4	swbyw 5	WSW 5	SW 8.5	swbyw 8.5	7
31	SW 12.5	SW 6	SW 9	WSW 5.5	swbyw 8	WSW 5	SWbyS 5.5	swbys 2	SW 4.5	swbys 1.5	SSW 2	sEbys 4	7.9
Mean	5.4	5.7	5.7	5.6	4.9	4.6	4	4	4	3.5	3.6	3.1	4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3	1	1	1	0	1	0	1	3	6	8	6
2	4	3	5	4	**20**	5	1	1	2	6	16	14
3	2	3	3.5	5.5	1.5	1.5	2	2	2.5	8.5	**18**	15
4	0	0	0	2	0	0	0	0	1	4	11	10
5	0	0	0	2	0	.5	.5	.5	1.5	3	6.5	5.5
6	0	0	.5	3	1.5	0	0	1	2	5	11	10
7	0	0	1.5	1	.5	2.5	3.5	1.5	1.5	4	1.5	3.5
8	0	.5	.5	0	1	1.5	3	1.5	1	2.5	1	.5
9	0	0	0	0	0	3	.5	0	.5	1	8	9
10	0	**11**	2	0	.5	0	0	.5	0	2.5	5	4
11	6	8	8.5	7	5	3.5	5	2.5	4.5	5	10	9.5
12	**44**	33	21	19	19	26	27	30	29	32	31	25.5
13	37	31	32	37	35	34	31	34	27	32	**40**	31
14	12	9	16.5	8	4.5	5	4	5.5	5.5	8	13	25
15	.5	5.5	12	13.5	2.5	4	3	4.5	1.5	2	3	5
16	1	0	1	1	0	.5	1.5	1.5	1.5	1	7	7
17	**18**	13	6	1	1.5	1.5	3	7	11	12	16	11
18	.5	.5	0	0	0	0	0	0	5	5	8.5	8.5
19	0	0	3.5	.5	.5	.5	0	5.5	1.5	4	5	9.5
20	3.5	6	8.5	4.5	1.5	0	1.5	1	7.5	26	10	6.5
21	30	10	35	17	18	31	33	29	34	20	39	36
22	6	7.5	10.5	34	**36**	11	3	8.5	8	7.5	13	10.5
23	5.5	3.5	5.5	3.5	1.5	.5	1	2	4	9	20	20
24	5	16	17	6	0	2	3	5	11	15	24	28
25	17.5	30	21	9	9.5	24.5	29	23	25	26	32	31
26	28	27	36	39	32	35	36	38	38	44	**53**	36
27	33	28	31	31	30	31	28	26	27	28	**44.5**	36.5
28	36.5	43.5	37	36.5	38.5	34	39.5	23	14.5	30.5	45	**47**
29	16	16	18	22	27	29	34	29	35	33	37.5	34.5
30	26.5	30.5	21	26.5	25.5	29.5	23.5	16.5	20	23.5	33.5	30
31	27	29	35	32	36.5	31.5	41	**42**	37	33	38	**42**
Mean	11.7	11.8	12.6	11.8	11.3	11.3	11.5	11	11.7	14.2	19.6	18.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	1	5	5	4	4	4	3	3	4	5	7	8	4.4	9	35
2	2	2	3	4	3	2	3	3	4	5	8	7	3.8	8	55
3	2	1	4	4	4	5	9	9	10	10	9	9	6.3	6	00
4	3	4	4	3	3	4	3	2	3	4	7	9	4.1	10	15
5	4	4	4	4	4	4	5	5	7	8	8	9	5.5	7	35
6	1	1	2	3	3	3	6	8	9	10	10	10	5.5	6	15
7	8	8	7	9	9	9	10	10	10	10	10	8	9	1	00
8	9	9	9	10	10	9	10	9	9	10	8	10	9.3	1	10
9	8	8	7	6	5	4	6	8	9	10	10	10	7.6	4	10
10	9	4	9	9	9	7	9	9	10	10	10	10	8.8	2	25
11	10	10	10	10	10	10	9	9	9	9	9	10	9.6	3	10
12	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
13	10	10	10	10	10	10	10	10	10	10	8	10	9.8	0	35
14	10	10	9	8	9	9	10	10	10	10	10	10	9.6	1	30
15	9	7	7	5	4	5	3	4	9	7	6	8	6.2	7	05
16	5	8	9	9	9	8	2	3	4	4	4	4	5.8	9	55
17	8	7	5	5	7	5	4	5	6	8	8	9	6.4	7	05
18	3	3	3	3	3	3	3	3	4	4	4	8	3.7	**10**	**40**
19	3	4	3	4	5	5	4	5	7	9	9	10	5.7	7	20
20	10	10	10	10	10	10	10	10	10	9	10	10	9.9	**0**	**00**
21	10	10	10	10	10	10	10	10	10	10	10	10	**10**	1	05
22	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
23	9	10	10	10	10	10	10	10	10	10	9	8	9.7	1	40
24	10	10	8	10	10	10	10	10	10	10	10	10	9.8	**0**	**00**
25	10	10	10	10	10	10	8	8	7	9	7	10	9.1	2	45
26	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
27	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
28	10	10	10	10	10	10	10	10	10	10	10	10	**10**	1	00
29	7	5	6	8	7	9	9	10	9	10	9	8	8.1	5	30
30	8	8	8	8	8	10	10	10	10	10	10	10	9.2	2	00
31	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
Total														118	40
Mean	**7.4**	**7.4**	7.5	7.6	7.6	7.6	7.6	7.8	8.4	8.7	8.7	**9.2**	8	3	50

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
10	7	12	**15**	**15**	14	6	0	2	3	2	0	4.9
10	11	9	9	7	4	1.5	7.5	7	5	1.5	1.5	6.5
11	4	10	6	2	3	1	0	0	2	0	1	4.4
13	12	13	**14**	**14**	5	5	3	7	1.5	0	.5	4.8
6	5.5	7.5	**17**	12	12	4.5	4.5	5	2	0	0	4
12	9.5	5.5	2	1.5	1	0	1	2.5	5	.5	0	3.1
1.5	4.5	**5**	3	4	3.5	.5	1.5	0	.5	0	0	**1.9**
5	**8**	**8**	6.5	4.5	4	3	1.5	3.5	4.5	1.5	1	2.7
9.5	15.5	**17**	12	13	11	5	0	0	0	0	0	4.4
6.5	9	10	9.5	9.5	6.5	3	3.5	6	4	7.5	8.5	4.5
20.5	31	31	35	30	25	25	26	19	18	27	**38**	16.7
16.5	29	30	38	24	29	29	30	29	21	24	18	27.2
21	30	25	24	24	25	15	18	17	28	26	13	27.8
25	21	24	19	14	26	**26.5**	7	4.5	13	2	0	12.4
13	**23**	20	12	12	14	14	11	19	15	13	1	9.3
10	8	6.5	4.5	10	16	17	15	10	19	16	**20**	7.3
13.5	11.5	3	4	**4**	4	2	6	9	**18**	11.5	5.5	8
12	13	18	20	**23**	18	19	16.5	14	12.5	13.5	8.5	9
15	22	27.5	25	25	26	**29**	25	**29**	19	20	8	12.5
6.5	21	30	31	30	21.5	17.5	14	13	13	**32**	**32**	14.1
43	43	**45**	39	38.5	33.5	37	35	22	13	3.5	6.5'	28.8
14	11	21.5	15	9.5	1.5	1	2	2.5	.5	13	4	10.5
22	**25**	22	20	23	16	15	15	15	5	2.5	3.5	10.8
30	27	28	27	17	21.5	**31.5**	16	14	18.5	27.5	6.5	16.5
35	34	28	27	33	24.5	23	26.5	33.5	**37.5**	26	31	26.5
43	43	40	43	37	38	30	31	29	28	26	23	**35.5**
41.5	40.5	34.5	31	36	37.5	40.5	40.5	41.5	35	34.5	22.5	33.7
28	32	41	42	39	33	33	31	27	32	39	20	34.3
38.5	37.5	37.5	37.5	33	34	27	27.5	22.5	18	16.5	20	28.4
30	28	29	29	33	**35.5**	31.5	22	23.5	24.5	21	30	26.8
31	30	40	26.5	24.5	29	24	10.5	14.5	8	7.5	6	28.1
19.1	20.9	**21.9**	20.8	19.4	18.5	16.7	14.5	14.2	13.7	13.4	**10.6**	15

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1									1		7	3					13	117	3.5	2.5
2	1	3	1									2	5		1		11	155	3.7	.5
3						2	1				1		2	2			16	105	2.6	
4					1			1					4	5			13	116	4.6	
5			1			1	2	1		2	4	2					11	96	4.1	
6		1	1	1	1	1						3	1	1	1		13	74.5	2.1	.8
7	1		2		1						2	1	1				16	44.5	1.8	
8			2									1	5				16	64	1.6	1.8
9			1							2	7	1					13	105	2.5	2.4
10		1					3			1	2	6			1		10	109	2.5	15.3
11							1			3	16				2		2	400	3.7	5.2
12											7	14	3					654	2.4	22.1
13									1	4	9	9	1					667	4.4	21.1
14								3	4	9	3						5	298	2.5	3.3
15							2		3		1	7	3				8	224	3.9	.3
16						1					5	9	1				8	175	4.2	
17	3	1	1	1								4	2	2	3		7	193	2.6	6.6
18	1								1	1	8	3		1	1	1	7	216	4.4	
19	4				1					1	6	5	1	1	1		4	301	3.8	6.6
20			1						1	4	4	2		1	2	2	7	338	.9	40
21	2	1								1	15	2	1		1	1		691	.5	77
22	1	1				1			3	2	3	2	3	1	2	1	4	251	.1	96.6
23			1						2	1	14				1	1	4	260	3.6	9.9
24											18	1	1		1		3	396.5	2.4	8.9
25											10	12	1		1			636.5	3.4	11.6
26										4	14	6						853	4.3	4.8
27										6	16	2						809.5	3.8	14
28										5	10	8	1					822.5	2.5	31.1
29										2	16	6						680.5	4	8.7
30										2	9	10	2	1				643.5	.7	43.3
31								1		1	11	9	2					675.5	.1	57.9
Total	13	8	11	2	4	6	9	6	16	51	218	130	40	15	18	6	191	11171.5	87.2	492.3
Mean	0.4	0.3	0.4	0.1	0.1	0.2	0.3	0.2	0.5	1.6	7	4.2	1.3	0.5	0.6	0.2	6.2	360.4	2.8	15.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	**760.85**	10. 15p.	33. 6	2. 10p.	95	23. 3	**757.60**	3. 55p.	24	5. 15a.	59	20. 3
2	60	0. 05a.	33. 8	3. 45p.	91	22. 3	57	4. 30p.	23. 9	5. 35a.	60	18. 5
3	59. 25	0. 05a.	32. 5	1. 15p.	91	23. 3	56. 46	4. 00p.	23. 5	5. 20a.	71	19. 3
4	59. 15	10. 45p.	33. 1	4. 20p.	88	**21.6**	56. 30	4. 05p.	**22.1**	5. 50a.	53	**17.1**
5	59. 75	10. 20p.	**34.1**	2. 30p.	95	22. 7	56. 55	3. 30p.	23. 3	6. 00a.	**50**	17. 7
6	59. 20	10. 55p.	33	1. 40p.	96	23. 7	56. 65	3. 40p.	22. 8	5. 40a.	61	19. 6
7	59. 25	10. 00a.	32. 3	2. 40p.	98	23. 7	56. 45	4. 00p.	23. 6	6. 15a.	74	21. 1
8	58. 65	10. 10p.	30. 9	2. 50p.	93	23. 1	56. 25	4. 50p.	23. 3	5. 50a.	70	19. 2
9	58. 25	8. 25a.	33	1. 20p.	95	24. 2	56	2. 30p.	23. 5	6. 00a.	67	20. 1
10	57. 90	0. 35a.	31. 7	1. 45p.	96	23. 8	54. 95	5. 00p.	23. 4	5. 25a.	75	20. 8
11	56. 05	0. 35a.	30. 8	0. 10p.	95	**25.8**	53. 20	4. 30p.	24. 3	6. 05a.	81	20. 4
12	**55.20**	0. 05a.	29. 7	1. 50p.	94	23. 5	**52.70**	3. 30p.	23. 7	9. 50a.	80	19. 9
13	56. 35	9. 30p.	31. 2	11. 15a.	91	24. 4	52. 92	6. 05a.	24. 2	7. 45p.	77	21. 1
14	58	10. 15p.	31. 3	1. 40p.	92	23. 8	54. 90	3. 00a.	24. 4	5. 05a.	69	**21.2**
15	59. 45	10. 35p.	32. 1	11. 30a.	92	23. 8	56. 45	3. 50p.	24. 3	5. 20a.	68	19. 7
16	58. 90	11. 15p.	32. 5	3. 45p.	92	22. 7	56. 15	4. 10p.	23. 2	5. 50a.	66	19. 4
17	60. 15	9. 55p.	32. 6	1. 15p.	90	23. 6	56. 80	4. 20p.	23. 4	11. 40p.	66	18. 5
18	59. 25	10. 40p.	32. 6	3. 15p.	89	23. 5	56. 30	2. 55p.	22. 9	5. 50a.	61	18. 9
19	58. 80	10. 40p.	32. 5	1. 55p.	89	24. 3	56. 21	4. 00p.	24. 1	5. 45a.	70	20. 3
20	58. 15	0. 15a.	29	3. 05p.	96	24	54. 75	3. 50p.	23. 6	10. 05a.	80	20. 5
21	57. 10	10. 15p.	31. 2	11. 25a.	94	24. 8	53. 80	2. 15p.	23. 5	11. 05p.	76	20. 1
22	58. 90	10. 45p.	**26.8**	2. 30p.	97	22. 5	54. 80	1. 40a.	23. 2	7. 50a.	**88**	19. 3
23	58. 95	9. 55p.	32	0. 20p.	**99**	24. 7	56. 60	4. 20p.	23. 1	1. 55a.	70	20. 5
24	59. 35	10. 45p.	30. 9	11. 20a.	92	24. 4	57. 20	4. 05p.	23. 9	11. 05p.	76	19. 7
25	58. 80	0. 15a.	31. 8	3. 20p.	88	24. 1	55. 70	5. 15p.	23. 5	2. 55a.	73	18. 9
26	56. 75	0. 05a.	30	11. 50a.	**84**	23	54	3. 15p.	**26.2**	2. 35a.	74	20. 6
27	56. 20	10. 20p.	30. 8	1. 15p.	90	22	53. 30	3. 50p.	22. 9	7. 35p.	67	18. 7
28	58. 05	10. 55p.	30. 9	2. 10p.	88	23. 8	54. 95	3. 05a.	23. 2	1. 15a.	73	18. 3
29	58. 50	10. 25p.	31. 4	11. 30a.	92	24. 2	56. 80	4. 05p.	23. 9	4. 25a.	72	**21.2**
30	58. 60	9. 55p.	30. 7	9. 40a.	97	24. 6	56. 19	4. 00p.	24. 3	Noon.	81	20. 6
31	57. 55	0. 05a.	29. 5	10. 55a.	97	24. 2	55	2. 45p.	23. 9	8. 50p.	83	21
Mean	758. 43	--------	31. 6	--------	92. 8	23. 7	755. 58	--------	23. 6	--------	70. 7	19. 8

DAILY GENERAL REMARKS.

1----☈° NE and ☈ S quadrants in the afternoon; ●° in the evening.
2----⊤° NE quadrant in the afternoon; ☇ N, d at night.
3----⊤ NE 2.10 p.; coloration of clouds at sunset.
4----⌒, ☈ E in the afternoon; coloration of clouds at sunset; ☇ N in the evening.
5----☈° E quadrant in the afternoon, and toward NNW in the evening.
6----☈ E quadrant with occasional ●° in the afternoon.
7----d, ⌒, ⊤ E, NE in the afternoon; ☇$_0$ WSW, W, NNW in the evening.
8----d° in the morning; ☈ S quadrant, ●° in the evening.
9----☈ NE and SE quadrants in the afternoon; ●° at night.
10----● in the early morning; ⊤ E 11.57 a.; ☈° SSE in the afternoon.
11----● in the morning; gusty SW winds in the afternoon and at night.
12----Gusty SWly winds at intervals with some ● in the morning and afternoon.
13----Slight coloration of clouds at sunrise; gusty SWly winds at intervals with d in the early morning and ● at night.
14----● in the evening.
15----d 5.50 a.
16----Cloudy weather.
17----d in the early morning; ☈° NW, ⊤° NNE in the evening; ● at night.
18----☈° ENE in the evening.
19----Gusty SWly winds in the afternoon and at night; ● at night.
20----Frequent ●, especially in the morning, with somewhat gusty SWly winds; ⊤ NW 9.20 a.
21----Rainy and squally weather.
22----Rainy weather, with gusty Wly winds in the early morning.
23----● in the early morning; ○ in the morning.
24----● in the evening.
25----Gusty SWly winds at intervals with rain in the early morning and at night.
26----As yesterday.
27----Do.
28----Do.
29----Gusty SWly winds at intervals with ● in the morning.
30----Somewhat rainy and squally weather, with some ⊤ at 11.30 a.
31----Gusty SWly winds at intervals with d in the morning, ●, ☈° in the afternoon, and ●^{2} at night.

OBSERVATIONS FOR SEPTEMBER, 1914.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	55.70	55.65	55.30	55.25	55.40	55.17	55.59	56.04	56.64	56.47	56.64	56.34
2	55.90	55.50	55.10	54.90	55.15	**54.72**	55.70	56.14	56.99	56.84	56.47	56.09
3	55.80	55.10	54.80	54.90	55.15	55.21	55.87	56.15	55.90	56.08	56	55.42
4	56.20	56.10	55.60	55.70	55.35	55.61	55.83	56.37	56.36	56.45	56.20	55.41
5	55.70	55.05	54.75	54.45	54.60	54.79	55.14	55.58	55.86	**55.91**	55.66	55.35
6	53.90	53.40	53	52.70	52.90	52.81	53.28	53.80	53.81	53.82	53.82	53.62
7	54.50	54.05	53.65	**53.55**	53.90	54.09	54.86	55.17	55.36	55.37	55.28	55.14
8	55.20	55.25	55.15	**54.60**	54.85	54.99	55.89	**56.54**	56.26	56.30	56.16	56.01
9	55.40	55.20	54.65	54.65	54.60	54.98	55.48	55.85	56.19	56.30	56.01	55.84
10	56.35	56.25	55.95	55.95	55.90	56.11	56.59	57.06	57	57.45	57.34	56.99
11	57.20	56.85	56.75	**56.30**	56.65	57.01	57.55	58.05	58.44	58.27	57.98	57.66
12	58.05	57.35	56.95	56.65	56.90	56.80	57.30	57.97	58.37	58.20	58.31	57.91
13	58.10	57.80	57.15	56.85	57.10	57.50	57.87	58.22	58.37	58.26	58.20	57.82
14	58.25	57.70	**57.35**	**57.35**	57.65	57.88	58.37	58.80	59.15	59.24	58.96	58.55
15	58.90	58.65	58.65	58.55	58.80	59.26	59.76	60.07	60.59	**60.65**	60.23	59.74
16	58.70	58.50	58.30	58	58.20	58.35	58.90	59.40	**59.72**	59.64	59.53	59.07
17	58.70	58.25	57.85	58	58.10	58.09	58.35	58.91	59.07	58.78	58.46	57.97
18	58.50	58.25	58	58	58.35	58.60	58.96	59.50	59.50	59.40	59.21	58.92
19	60.05	59.35	59.10	59.10	59.20	59.78	60.10	60.38	60.42	60.71	60.49	60.07
20	60.65	60.45	60	60	60.05	60.08	60.39	60.98	61.22	**61.28**	61.07	60.62
21	60.20	59.85	59.45	59.55	59.65	59.76	60.21	60.59	**60.60**	**60.60**	60.52	59.99
22	59.50	59.35	58.90	58.80	58.80	58.85	59.21	59.70	59.75	59.74	59.48	58.77
23	**58.70**	58.45	58.05	57.85	57.65	57.78	58.06	58.46	58.61	58.42	58.22	57.78
24	57.05	56.90	56.50	56.50	56.55	56.62	56.97	57.33	57.54	57.41	57.27	56.82
25	57.50	57.10	56.80	56.85	57.05	57.33	57.55	58.14	58.38	58.21	57.89	57.25
26	57.95	57.85	57.70	57.80	57.90	58.19	58.69	58.94	**59.33**	58.65	58.30	57.70
27	58.15	57.85	57.50	57.35	57.45	57.53	57.86	58.35	58.39	58.32	58.05	57.51
28	57.70	57.35	57.10	56.90	57	57.52	58.14	58.55	58.65	58.73	58.27	57.97
29	57.90	57.60	57.35	57.45	57.60	57.50	57.95	58.40	58.44	58.39	58.04	58.02
30	58.88	59.15	58.50	58.25	58.25	58.91	59.61	59.91	59.97	59.86	59.48	59.16
Mean	57.51	57.20	56.86	56.76	56.89	57.06	57.52	57.98	58.16	58.12	57.92	57.52

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	24.7	25.1	24.8	24.6	25.7	26	25.5	24.2	25.1	24.9	25.6
2	24.5	**24**	24.3	24.4	24.5	24.4	24.3	25	24.6	24.8	24.9	24.4
3	24.2	24.7	24.7	24.6	24.1	**23.1**	**23.1**	23.5	23.9	24.1	24.3	25
4	24.5	24.4	**23.8**	24	24.4	24	24.1	25	24.6	25.1	25	**26.1**
5	24.6	24.8	25	25	25	25	25.5	25.4	25.8	**26.2**	**26.2**	26
6	25.2	25.2	25.3	25.2	25.2	**25.1**	25.7	27.1	27.7	27.2	27.7	27.5
7	26.4	26.3	26.5	26.3	26.1	26	26.4	28.2	29	29.1	29.1	**29.8**
8	25.3	25.1	25.1	25.3	**25.4**	24.9	24.5	24.3	24.3	**23.9**	24.1	24
9	24.5	**24.3**	25	25.1	24.9	24.6	24.8	25.4	25.4	25.9	27.5	**28.2**
10	25.3	**25.2**	25.3	25.3	25.3	25.7	26.4	25.5	27.7	28.5	29	**29.2**
11	26.7	25.9	25.9	26	26	26.4	26.8	28.3	29.3	29.5	29	28.4
12	26.3	25.8	26.3	26.4	26.5	26.7	26.8	**27.1**	26.4	25.6	24.9	25
13	24.2	24.5	24.6	24.1	24.1	24.2	24.7	25.6	**27.5**	26.2	25	24.3
14	23.6	23.5	**23.4**	23.5	23.6	23.5	24.5	25.7	26.2	26.6	28.5	28.9
15	23.9	23.5	23.3	23.1	**23**	**23**	25.2	27	28	28.1	28.7	29.3
16	25.1	24.7	25	24.8	**24.1**	24.3	25	27.3	27.8	29	29	29.5
17	24.5	24.4	24.3	24.3	**24.2**	**24.2**	24.7	25.6	28.7	29.3	29.6	29.7
18	24.5	24.1	23.7	23.6	**23.3**	**23.3**	25.5	27.5	29.1	29.7	30.1	30.8
19	25	24.8	24.6	24.4	**24.3**	24.4	25.7	27.8	29.9	29	30.5	30.6
20	24.2	24	23.6	**23.5**	**23.5**	23.8	25.8	27.5	28.8	29.9	**30.8**	30
21	23.7	23.5	23.5	23.5	**23.3**	23.4	24.4	26.6	28	28.2	29	29.8
22	24.5	23.9	23.7	23.6	**23.3**	**23.3**	25.2	27.5	28.9	28.8	29	30
23	24.3	23.9	23.8	23.6	23.2	**23.1**	25.4	27	28.1	28.9	29.2	30.1
24	25.5	25.2	24.8	24.7	**24.6**	**24.6**	26	27.2	28.5	29.7	30.1	30.8
25	24.8	24.3	24.2	24	24	**23.9**	26.2	28.3	29.7	30.5	31.2	31.6
26	25.2	25.3	25.1	25.4	25.3	25.1	25.1	25.3	26.1	26.8	26.5	27.8
27	24.1	23.8	24	24	**23.6**	**23.6**	25.6	27.8	28.9	29.4	29.7	30.3
28	26.1	25.6	26	26	26.3	25.3	25.4	24.9	25.4	27	29.5	29.4
29	24.1	24.2	24.7	24.5	24.5	24.4	24.3	25.8	27.6	28.7	**29.4**	24.8
30	24	23.7	23.6	24.8	23.5	**23.4**	23.7	25.9	26.7	27.1	28.2	**28.7**
Mean	24.8	24.6	24.6	24.6	24.5	**24.4**	25.2	26.4	27.2	27.6	28	28.2

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.70	54.85	54.45	54.29	**54.09**	54.75	55.36	55.85	56.70	56.75	**56.85**	56.50	55.68
55.53	54.74	54.79	54.94	54.93	54.93	55.17	55.50	56.10	**57.05**	56.50	56.20	55.66
54.99	**54.10**	54.12	54.32	54.78	55.04	55.71	56.10	**56.70**	56.60	**56.70**	**56.70**	55.51
55.21	54.78	54.67	**54.36**	54.54	54.87	55.22	56.05	55.75	**56.80**	56.75	56.30	55.69
54.70	54.20	53.86	**53.56**	53.76	53.81	53.86	54.30	54.80	54.65	54.75	54.15	54.72
53.30	52.94	**52.84**	52.90	53.40	53.82	53.95	54.20	54.55	54.90	**55.10**	54.65	**53.64**
54.46	54.49	54.10	54.06	54.20	54.64	55.20	55.40	55.60	56.25	**56.30**	55.75	54.81
55.14	55.01	55.23	55.23	55.11	55.14	55.64	55.90	55.90	56.25	56.15	55.90	55.55
55.39	55.40	54.76	**54.45**	54.86	54.96	55.19	55.60	56.10	56.60	**56.70**	56.65	55.49
56.42	56.04	**55.74**	55.79	56.01	56.17	56.77	57.30	57.75	**57.95**	57.75	57.40	56.67
56.97	56.62	56.53	56.66	57.01	57.29	57.65	57.90	58.15	**58.60**	58.55	58.20	57.45
56.99	56.86	56.61	**56.59**	57.11	57.34	57.99	58.45	58.70	58.55	**59.05**	58.60	57.65
57.26	56.66	**56.60**	56.61	56.85	56.96	57.15	58.15	58.50	58.75	**58.85**	58.35	57.66
57.99	57.58	57.41	57.43	57.85	58.19	58.74	59.10	59.85	**60.05**	59.85	59.40	58.45
58.98	58.29	57.83	**57.82**	57.94	58.14	58.58	58.95	59.45	59.45	59.35	58.95	59.07
58.23	57.44	**57.05**	57.27	57.42	57.51	57.95	58.55	58.85	59.05	59	58.85	58.48
57.40	56.60	**56.20**	56.50	56.85	57.16	57.94	58.30	59	**59.40**	59.25	58.85	58.08
58.33	57.81	57.72	**57.68**	57.96	58.53	58.93	59.60	60.25	60.60	**60.70**	60.45	58.91
59.39	58.75	**58.62**	58.69	58.90	59.39	59.85	60.65	61	**61.20**	61	60.95	59.88
59.67	58.87	**58.64**	58.91	59.47	59.91	60.10	60.50	60.90	60.80	60.50	60.30	**60.22**
58.96	58.38	58.47	**58.32**	58.40	58.92	59.67	59.60	59.80	60.25	60.05	59.75	59.65
57.93	57.36	56.92	**56.73**	57.17	57.52	58.46	59.05	59.20	**59.90**	59.60	59.15	58.74
57.22	56.53	**55.89**	56.01	56.01	56.42	56.95	57.35	57.40	57.80	57.75	57.60	57.54
56.51	55.99	**55.56**	55.79	55.84	56.45	56.79	57.45	57.65	**57.95**	**57.95**	57.70	56.88
56.61	56.07	**55.81**	56.26	56.60	57.09	57.86	58.10	**58.80**	58.75	58.70	58.25	57.46
56.98	56.43	**56.42**	56.63	56.77	57.28	57.55	57.75	58.30	58.80	58.75	58.50	57.88
57	56.67	**56.06**	56.21	56.59	56.97	57.10	57.75	58.45	58.85	**58.90**	58	57.62
56.96	**56.63**	56.66	56.72	57.52	57.83	58.45	58.65	**59.35**	59.30	58.85	58.35	57.88
57.95	57.53	**57.34**	57.53	57.88	58.44	58.85	59.35	59.65	**59.75**	59.55	59	58.23
58.77	58.55	**58.23**	58.25	58.44	58.75	59.26	59.90	60.60	**60.70**	60.40	60.10	59.24
56.90	56.41	**56.17**	56.22	56.48	56.81	57.26	57.71	58.13	**58.41**	58.34	57.98	57.35

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
25.8	26.6	**27**	26.7	26.6	26.7	26.2	25.5	24	**23.8**	**23.8**	24.4	25.3
24.4	24.2	25	25.1	25.3	25.8	25.9	25.5	**26.1**	24.8	24.7	24.8	24.8
26	**26.3**	25.6	25	24.6	24.6	24.7	24.6	24.3	24.8	24.6	24.4	**24.5**
25	24.7	25.1	25	25	24.6	24.6	24.6	24.5	24.8	24.8	24.5	24.7
24.9	25.1	25.5	25.5	24.7	25.1	24.9	25.3	24.9	24.5	**24**	24.8	25.2
28.6	**29**	26.2	28.5	25.8	25.2	25.3	25.7	25.9	26.6	26.6	26.5	26.4
28.6	26	27.4	27.7	27.7	26.4	26.2	25.8	25.7	25.6	25.7	**25.2**	27
24.3	24.4	24.3	24.3	25.2	25.3	24.9	24.7	24.2	24.7	24.6	24.4	24.6
27.4	26.2	26.3	26.3	26.2	26	26.1	26.2	26.1	26.1	25.2	25.2	25.8
29.1	29.1	29.1	28.8	27.3	27.2	27.2	27.2	26.8	27	26.8	27	27.1
29.6	29.4	29.3	27.9	27	26.2	26.4	26	26.5	**25.8**	**25.8**	26	27.3
25.1	24.9	25.3	25.5	25.2	25	25	24.9	25	25	24.8	**24.6**	25.6
24.3	24.7	25.4	25.9	25.3	24.9	24.7	24.5	24.2	23.8	23.7	**23.6**	24.8
29	**29.5**	28.6	28.1	27.4	26.5	26.5	26.3	26.1	25.9	24.8	24.3	26
29.9	29.8	29.6	29.4	28.5	27.6	27.5	27.3	26.7	26.6	26.4	25.9	26.7
30.2	29.6	29	29.4	28.5	27.3	27.2	27	26.7	26.5	25.2	24.7	27
29.8	**29.9**	29.6	29.4	28.5	27.3	27.2	27.2	25.6	25.1	25	24.6	26.8
31.1	30.9	30.9	30.7	29.7	28.2	28.1	27.9	27.4	26.4	26	25.8	27.4
30.9	**31.5**	31.2	30.9	29.7	28.5	28.3	28.1	26.6	25.4	24.8	24.5	**27.6**
30.4	30.5	29.8	28.9	23.9	23.8	23.8	23.8	24	24.3	24.1	24.1	26.1
30.6	**31.1**	29.4	27.8	27.3	26.4	25.9	25.8	25.2	24.6	24.5	24.6	26.3
30.2	**31.2**	29.5	30.9	30.2	27.1	26.1	25.9	25.6	24.7	24.2	24.1	26.7
30.7	30.9	**31**	30.8	29.7	28.2	28.1	28.1	27.9	27.1	27	26	27.3
30.7	**31.1**	29	29.3	29.1	28.1	27.6	26.7	25.9	25.5	26	25.2	27.3
32.4	31	29	26.1	26.3	26.2	25.9	25.5	25.4	25.4	25.3	25	26.9
28.3	**28.5**	28.1	28.2	27.2	26	25.4	25.3	25.3	25	24.8	**24.5**	26.1
31	**31.1**	30.6	30	28.6	26.9	26.3	26.1	26	25.5	25.7	25.4	27
30.1	26.7	25	25.7	24.9	25	24.4	24.5	24.7	**24.2**	**24.2**	**24.2**	25.9
24.9	25.5	25.1	24.9	25.1	25.1	25	24.5	24.6	24.4	24.2	**24**	25.2
28.2	28.2	28.3	28.2	27.1	26.3	25.9	25.8	25.7	24.8	24.5	24.5	25.9
28.4	28.3	27.8	27.7	26.9	26.2	26	25.9	25.6	25.3	25.1	24.9	26.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	96	95	94	95	95	92	96	96	95	93	90
2	95	96	94	97	**92**	97	97	**98**	97	95	96	96
3	92	93	95	**98**	97	97	97	**98**	97	97	97	96
4	93	92	92	92	94	**96**	95	**89**	94	91	91	90
5	92	92	92	94	96	97	93	90	92	92	**89.5**	91
6	97	**98**	**98**	**98**	97	**98**	97	90	90	89	85	86
7	**94**	92	92	92	**94**	**94**	90	85	84	83	84	**82**
8	93	92	95	95	**97**	94	96	**97**	96	**97**	**97**	**97**
9	92	94	**97**	95	94	**97**	96	94	91	85	84	85
10	**94**	93	93	93	91	93	91	93	**82**	83	83	83
11	91	85	89	91	92	91	92	**80**	**80**	**80**	82	82.5
12	91	92	91	92	90	89	88	**84**	91	90	**97**	96
13	92	91	92	93	93	93	93	92	**85**	91	96	**97**
14	92	92	92	92	92	92	**96**	89	89	86	80	80
15	95	95	**96**	**96**	95	95	91	84	78	77	72	71
16	90	91	92	92	**94**	**94**	93	84	83	79	78	75
17	94	92	92	92	94	93	**96**	91	78	76	75	72
18	95	95	**96**	**96**	94	93	86	80	74	71	74	65
19	91	92	91	91	91	92	**93**	82	73	78	71	70
20	91	91	94	**95**	93	92	85	78.5	74	75	71	70
21	**91**	90	89	88	88	85	**91**	80	78	77	76	73
22	89	91	90	89	90	90	88	79	78	75	77	71
23	90	93	93	93	94	**95**	88	79	77	76	71.5	66
24	92	92.5	92	92	92	**94**	**94**	85	82	76	75	74
25	90	90	91	92	**94**	92	87	81	72.5	66.5	62	**58**
26	92.5	**94**	89	91	93	**94**	92	88	83	78	82.5	79
27	94	93	**96**	94	**96**	94	88	76.5	71	72	71	69
28	90	93	89	85	88	92	94	96	95	83	76	**75**
29	**97**	96	95	**97**	**97**	**97**	**97**	92	81	80	**76**	89
30	96	96	93	90	94	95	**97**	87	81	78	**72**	**72**
Mean	92.8	92.8	92.8	93	93.4	**93.7**	92.4	87.3	84.1	82.4	81.2	80

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.3	22.2	22.5	21.9	21.8	23.3	22.9	23.2	21.5	22.5	21.8	22
2	21.7	21.2	21.2	21.9	**21.1**	22.1	22	22.9	22.4	22.1	22.4	21.7
3	20.7	21.5	21.9	22.6	21.7	**20.3**	**20.3**	21.1	21.3	21.7	21.8	22.5
4	21.3	21	**20.2**	20.4	21.3	21.2	21.1	21	21.6	21.5	21.3	**22.6**
5	21.2	21.5	21.7	22.1	22.5	22.8	22.6	21.7	22.7	23.2	22.6	22.7
6	23	23.2	23.4	23.2	23	23.1	23.7	24.1	24.8	23.8	23.5	23.4
7	23.9	23.3	23.6	23.3	23.7	23.3	22.9	24.1	25	24.9	25.2	**25.4**
8	22.2	21.9	22.5	22.7	**23.3**	22	21.9	22	21.6	21.5	21.5	21.4
9	21.1	21.2	22.8	22.5	22	22.4	22.3	22.7	21.9	21.2	23	**24.1**
10	22.6	22.2	22.2	22.3	**21.8**	22.9	23.3	22.4	22.7	23.9	24.6	24.9
11	23.7	**21.2**	22.2	22.7	22.9	23.3	24.1	22.9	24.2	24.5	24.4	23.7
12	23.2	22.7	23.2	**23.5**	23.2	23.1	23	22.4	23.3	22	22.6	22.5
13	20.7	20.7	21.1	20.8	20.8	20.9	21.5	22.4	**23.2**	23	22.5	21.8
14	19.9	19.8	**19.7**	19.8	19.9	19.8	21.9	21.9	22.4	22.2	23	23.6
15	20.9	20.4	20.3	20.1	**19.8**	**19.8**	21.6	22.3	21.9	21.6	21	21.5
16	21.3	**21**	21.7	21.5	**21**	21.2	22	22.7	23.1	23.6	23.1	23
17	21.5	21	**20.9**	**20.9**	21.1	**20.9**	22.2	22.1	22.9	**23.1**	22.9	22.3
18	21.7	21.1	20.8	20.7	20	**19.8**	20.9	21.8	22	22	**23.5**	21.3
19	21.3	21.3	20.8	20.6	20.6	21	22.7	22.6	23	**23.1**	23	23
20	20.3	20.3	20.3	20.4	20	20.2	21.1	21.4	21.8	23.4	23.3	22.1
21	19.9	19.3	19.1	18.9	18.7	**18.2**	20.8	20.7	21.9	22	22.5	22.6
22	20.3	20	19.5	**19.2**	**19.2**	**19.2**	21.1	21.6	**23.2**	22	22.9	22.5
23	20.3	20.5	20.4	20.1	**19.8**	19.9	21.3	20.9	21.6	**22.5**	21.5	21
24	22.2	22	21.5	21.4	**21.2**	21.6	23.3	22.8	23.6	23.5	23.7	**24.3**
25	20.9	20.3	20.3	20.4	20.8	20.3	22	23.2	22.4	21.5	20.9	**20**
26	22	**22.6**	21.1	21.9	22.3	22.3	21.9	21	20.9	20.5	21.2	21.8
27	21	20.4	21.2	20.8	20.7	**20.3**	21.6	21.2	20.9	21.8	21.9	22.1
28	22.6	22.5	22.3	21.3	22.3	21.9	22.7	22.4	22.9	22.1	23.2	22.9
29	21.5	21.5	21.9	22	22	21.9	21.8	22.7	22.3	**23.3**	23	**20.7**
30	21.2	20.8	20.1	20.9	20.2	20.3	21	**21.6**	21.1	20.8	20.4	21
Mean	21.5	**21.3**	**21.3**	21.4	**21.3**	**21.3**	22	22.2	22.5	22.5	22.6	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
93	91	94	**88**	90	90	90	**98**	92	94	94	91	93.2
98	97	97	95	**98**	95	97	**98**	97	97.5	97	96	**96.4**
89	91	**86**	91	96	91	96	97	95	94	95	96	94.6
92	92	92	92	93	94	95	95	92	93	92	94	92.7
93	95	96	97	92	95	97	94	90	95	**98**	94	93.6
87	86	87	**84**	89	89	90	88	93.5	91	93	93	91.4
83	87	84	85	87	88	89.5	93	92	91	93	92	88.8
97	95	92	92	92	91	**87**	**87**	91	91	92	95	93.7
86	**82**	87	89	90	91	92	91	93	93	95	95	91.2
83	84	83	85.5	89	89	87	87	86	88	91	91	88.1
81	**80**	**80**	85	92	**94**	**94**	**94**	93	91	93	89	87.6
96	92	93	94	91	93	93	94	93	93	88	89	91.7
97	96	96	93	91	92	94	94	91	91	90	90.5	92.6
79	**77**	79	81	82	84	87	84	87	90	93	95	87.1
73	73	72	**70**	77	76	76	75	79	79	84	88.5	82
77.5	77	76	**72**	75	79	80	81	83	86	91	**94**	84
69	**69**	**69**	72	76	81	81	83	88	91	93	**96**	83.9
65	**64**	70	66	66	70	70	75	76	85	88	88	79.2
67	**58**	**58**	68	67	68	72	72	80	86	90	90	78.8
72	**68**	71	80	91	91	88	91	93	93	91	91	84.6
72	**66**	77	82	76	85	86	84.5	86	90	88	89	82.8
73	66	72	**65**	71	81	80	84	85	87	**97**	91	81.6
63	64	**62**	66	72	77	74	74	74	78	80	89	**78.7**
71	**69**	73	72	74	76	79	85	88	88	85	89	82.9
62	67	70	85	92	**94**	91	93	93	93	93	92	83.4
73	**70.5**	73	76	80	85	82	85	89	91	92	93	85.2
68	**65**	67	70	75	83	87	87	89	85	88	91	82.1
78	79	**97**	93	93	96	95	95	95	96	96	**97**	90.2
90	89	89	91	90	90	92	95	95	95	95	96	91.7
74	76	73	74	81	82	83	83	85	87	87	86	84.4
80	**78.8**	80.5	81.8	84.3	86.3	86.9	87.9	88.8	90.1	91.4	92	87.3

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.8	23.5	**25**	22.9	23.4	23.3	22.8	23.6	**20.4**	20.6	20.6	20.6	22.4
22.3	21.8	22.8	22.5	23.4	23.5	24	23.8	**24.3**	22.6	22.5	22.3	22.4
22.3	**23.2**	21	21.3	22	20.8	22.2	22.2	21.4	21.9	21.8	21.7	21.6
21.7	21.4	21.9	21.7	22	21.6	21.8	21.8	21.1	21.7	21.5	21.5	21.4
21.8	22.5	23.2	**23.4**	21.4	22.5	22.6	22.6	**21**	21.7	21.8	21.9	22.7
25.2	**25.4**	22	24.3	22	**21.2**	21.5	21.7	23.2	23.5	24	23.9	23.3
24	**21.7**	22.6	23.5	23.9	22.4	22.6	22.8	22.5	22.1	22.7	21.8	23.4
21.8	21.6	20.9	20.9	21.8	21.8	20.3	**20.2**	20.5	21	21.1	21.6	21.6
23.3	**20.8**	22.1	22.5	22.8	22.7	23	23	23.3	23.3	22.6	22.6	22.5
24.9	**25.2**	24.9	25.1	23.9	23.8	23.4	23.4	22.4	23.3	23.8	24.1	**23.5**
24.9	24.3	24.2	23.8	24.4	23.8	23.9	23.3	23.9	22.4	22.8	22.3	**23.5**
22.7	21.4	22.2	22.8	21.6	22	22	22	22	22	20.5	**20.4**	22.3
21.8	22.2	23.1	23	21.8	21.6	21.8	21.5	20.5	19.8	**19.5**	19.6	21.5
23.6	**23.7**	23	22.9	22.2	21.6	22.4	21.3	21.8	22.4	21.7	21.4	21.7
22.7	22.6	22.3	21.4	22.2	20.8	20.6	20.2	20.5	20.4	21.5	22	21.2
24.7	23.6	22.5	22.1	21.8	21.3	21.4	21.5	21.5	22.2	21.6	21.8	22.1
21.4	21.5	21.1	22.1	22	21.7	21.8	22.2	21.6	21.5	22	22	21.8
21.8	21.1	23.2	21.7	20.4	**19.8**	**19.8**	21	20.6	21.7	21.9	21.6	21.3
22.4	19.9	**19.5**	22.5	20.8	19.6	20.7	20.4	20.7	20.7	20.9	20.5	21.3
23.3	22.2	22	**23.6**	20.1	19.8	**19.3**	19.8	20.7	21	20.4	20.2	21.1
23.6	22.3	23.5	22.6	20.5	21.7	21.4	20.8	20.5	20.7	20.1	20.4	20.9
23.2	22.2	22	21.7	22.8	21.6	20.1	20.8	20.8	20	21.7	20.2	21.2
20.6	21.3	20.6	21.8	22.3	21.7	20.8	20.8	20.6	20.8	21.1	22.1	21
23.3	23.3	21.6	21.9	22.2	21.4	21.7	22.1	21.8	21.3	21.3	**21.2**	22.3
22.5	22.5	20.8	21.3	23.3	**23.6**	22.6	22.6	22.5	22.3	22.3	21.7	21.7
20.9	20.4	20.6	21.6	21.4	21.3	**19.8**	20.4	21.4	21.3	21.5	21.3	21.3
22.7	21.8	21.7	22.1	21.9	22	22.1	21.8	22.1	20.7	21.5	21.9	21.5
24.8	**20.5**	22.8	22.7	21.8	22.5	21.6	21.7	21.9	21.5	21.5	21.7	22.3
21	21.7	21.1	21.2	21.3	21.3	21.6	21.7	21.8	21.6	21.3	21.2	21.7
20.9	**21.6**	20.9	21.2	21.5	20.9	21.4	20.5	20.9	20.2	20	**19.6**	**20.8**
22.8	22.2	22.2	22.4	22.1	21.8	21.7	21.7	21.6	21.5	21.6	21.5	21.9

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	--------	N.	--------	N. WSW	--------	Cu.-N. wsw	--------	N. WSW	Ci.-S.	Fr.-N.
2	--------	N.	--------	N. WSW	--------	Fr.-N W	--------	N. W	--------	N.
3	--------	N.	--------	N. WSW	--------	N. WSW	--------	N. WSW	--------	N.
4	--------	N. WSW	--------	N. WSW	--------	N.	--------	N.	--------	N.
5	--------	N. WSW	--------	N. WSW	--------	N. WbyS	--------	Fr.-N.	--------	N.
6	--------	Cu.-N.	--------	Cu.-N. SW	--------	Cu.-N. wsw	--------	Cu.-N. wsw	--------	Cu.-N.
7	--------	Cu. W	Ci.-S.	Cu. W	--------	Cu. W	--------	Cu. W	--------	Cu.
8	--------	N.	--------	N.	--------	N. W	--------	N. W	--------	N.
9	--------	Cu.-N.	--------	Cu.-N. W	--------	Cu.-N. W	Ci.-Cu.	Cu.	--------	N.-cf.
10	--------	Cu.-N. WSW	--------	Cu.-N. WSW	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
11	Ci.-S.	Cu. W	--------	Cu. W	Ci.	Cu. W	Ci.	Cu.	--------	Cu.-N.
12	--------	Cu.-N. W	--------	Cu.-N. W	--------	Cu.-N. W	--------	N.	--------	N.
13	Ci.-S.	Cu.-N. W	--------	Cu.-N. W	--------	N.	--------	Fr.-N.	--------	N. WNW
14	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu. NE	Cu.	A.-Cu.	Cu.
15	Ci.	Cu.	Ci.	Cu.	--------	Cu.	--------	Cu.	--------	Cu.
16	Ci.	Cu. NE	A.-Cu.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu.
17	--------	Cu. WSW	Ci.-Cu.	Cu. WSW	--------	Cu.	--------	Cu.	Ci.-Cu.	Cu.
18	Ci.	Cu.	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu.	--------	Cu.
19	Ci.	Cu.	--------	Cu. E	--------	Cu.	--------	Cu.	--------	Cu.
20	Ci. SE	Cu.	Ci.	S.-Cu. NNW	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
21	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	--------	Cu.	--------	Cu.
22	Ci.	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	--------	Cu.
23	Ci.-S.	Cu.	Ci.-S.	Cu. NNW	Ci.-S.	Cu. NbyE	Ci.	Cu.	Ci.	Cu.
24	Ci.	Cu.	Ci. E	Cu. NE	Ci. E	Cu.	Ci.	Cu.	Ci.	Cu.
25	Ci.	Cu. W	Ci.	Cu. SSW	Ci.	Cu. SSW	Ci.	Cu.	Ci.	Cu.
26	Ci.-S.	Cu.-N. NNW	--------	Cu.-N. NE	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
27	Ci.	Cu.	--------	Cu.	--------	Cu.	--------	Cu.	Ci.	Cu.
28	--------	N.	--------	Cu.-N. W	--------	Cu.-N. W	Ci.	Cu. W	Ci.	Cu.
29	--------	Cu.-N. SW	--------	Cu.-N. SW	--------	Cu.-N. SW	--------	Cu.-N. SW	--------	N.
30	Ci.-S.	Cu.-N. WbyS	--------	Cu.-N.	Ci.-S.	N.-cf.	Ci.-S.	Cu.	Ci.-S.	Cu. WSW

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	--------	Fr.-N. WSW	--------	Fr.-N. WSW	--------	N.	--------	Fr.-N. WSW	--------	Fr.-N. wsw
2	--------	Fr.-N.	--------	N.	--------	Fr.-N.	--------	N.	--------	N.
3	--------	N.	--------	Cu.-N.	--------	N.	--------	N.	--------	N.
4	--------	N.	--------	N.	--------	N.	--------	N.	Ci.-S.	N.
5	--------	N.	--------	N.	--------	Cu.-N. wsw	--------	Cu.-N. wsw	--------	Cu.-N. wsw
6	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. WSW	--------	N. WSW	--------	Cu.-N. wsw	--------	N.
7	--------	Cu.-N.	--------	Cu.-N.	--------	Cu.-N.	--------	Cu.	A.-Cu.	Cu.
8	--------	N.	--------	N.	--------	N.	--------	N.	--------	N.
9	A.-Cu.	N.-cf.	--------	N.	Ci.-S.	N.-cf.	Ci.-S.	Cu.	Ci.-S.	Cu.
10	A.-Cu.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.	Cu. W
11	A.-Cu.	Cu. W	A.-Cu.	Cu.	A.-Cu.	Cu. W	A.-Cu.	Cu. W	--------	Cu.-N. W
12	Ci.-S.	Fr.-N. WbyS	Ci.-S.	Fr.-N. WbyS	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N. W	Ci.-S.	Fr.-N. W
13	--------	N. WSW	--------	N. W	--------	N.	--------	N. W	--------	N. W
14	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.
15	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci. E	Cu.
16	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	--------	Cu.	--------	Cu.
17	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.	--------	Cu.	--------	Cu.
18	A.-Cu. EbyN	Cu.	A.-Cu. E	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.
19	Ci.	Cu.	Ci. NNE	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
20	Ci.	Cu.	Ci.-S. E	Cu.-N	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	--------	Cu.-N.
21	Ci.-S.	Cu.	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N.
22	A.-Cu.	Cu.	Ci.-S.	Cu. N	Ci.-S SE	Cu. N	Ci.-S.	Cu.	Ci.-S.	Cu.
23	--------	Cu.	--------	Cu.	--------	Cu.	Ci.	Cu.	Ci.	Cu.
24	Ci.-S. ENE	Cu. WbyS	Ci. E	Cu.	Ci. E	Cu.	Ci.-S.	Cu.	Ci. E	Cu.
25	Ci.	Cu.	--------	Cu.-N. E	Ci.-S.	Cu.-N. E	--------	Cu.-N. E	A.-Cu.	Cu.
26	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
27	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.	Ci.	Cu.
28	Ci.-S.	Cu. WSW	Ci.-S.	Cu.-N. WbyS	Ci.-S.	Fr.-N.	--------	Cu.-N.	--------	Cu.-N.
29	--------	N. SW	--------	N. SW	--------	Cu.-N. swbyw	--------	Cu.-N. SW	--------	N.
30	Ci.-S.	S.-Cu.	A.-Cu.	Cu.	A.-Cu. W	Cu.	A.-Cu. W	Cu.	A.-Cu.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SSE 2.5	SbyW 6.5	SW 3.5	SW 1	SE 2.5	SW 4.5	SWbyS 5	SSW 3	WSW 2	SSW 2	SSW 6.5	SSW 4.5
2	WNW 1.5	NNE 2	W 2	SSE 4	SWbyS 2	W 1.5	SW 3	SW 1.5	SSW 4.5	WSW 7	Calm	Calm
3	W 2	WSW 4.5	WbyS 2.5	WbyS 1	NE 4	SSW 1	Calm	ENE 1	Calm	S 2	S 1.5	Calm
4	WSW 7.5	WNW 4	WSW 2	WSW 7.5	SW 1	Calm	W .5	SW 2	Calm	WSW 4	W 2	Calm
5	SW 2	WSW 5	WSW 4	WSW 2	WSW 1.5	WSW .5	W 2.5	WSW 5.5	WSW 2.5	WSW 1	Calm	Calm
6	SW 3	SW 3.5	SW 4.5	SW 3.5	SW 5.5	WSW 10	WSW 7	SW 8	SW 8.5	WSW 10	WSW 7	WSW 8.5
7	SW 5.5	SW 2.5	SW 7	SW 4	SW 8	SW 6.5	SW 5	WSW 5.5	SW 4.5	SW 4.5	swbyw 4.5	SW 3
8	SSW 2	SSW 3.5	SWbyS 6	SW 6	SSW 3.5	WSW 7.5	WSW 1	Calm	Calm	WSW 2	SW 5.5	SSW 2.5
9	SSW 1.5	SSW 1	SW 6	SW 6.5	SW 6	W 2.5	WSW 2	SW 2	swbyw 9.5	WSW 9	SW 3.5	SW 4.5
10	SW 5.5	SWbyS 3	SWbyS 2	SWbyS 2	swbyw 2.5	SW 1.5	SSW 3	SSW 4	SW 5.5	SW 5.5	WSW 4	SW 4.5
11	WSW 7	swbyw 7	WSW 1.5	WSW 3.5	SW 5.5	SSW 4.5	SW 4.5	SW 3.5	SW 6	SW 5.5	swbyw 5	SW 6.5
12	swbyw 4.5	SW 1.5	SW 6	SW 5.5	SW 4	WSW 6	WSW 7	WSW 7.5	SW 5.5	SW 5.5	swbyw 6	SW 4
13	Calm	Calm	S 1.5	Calm	Calm	S 2	Calm	SE 1	SW 1.5	WNW 2	Calm	WSW 2
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S 2	SSW 3	SW 1	WSW 3
15	Calm	Calm	Calm	Calm	Calm	Calm	SSE .5	Calm	Calm	SW 3.5	SW 2.5	WSW 4.5
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 2.5	WSW 1	WSW 1.5
17	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	Calm	SW 1.5	WSW 8
18	Calm	Calm	Calm	ENE .5	ENE 1	Calm	Calm	Calm	Calm	SW 1	SW 1	SSW 2
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 1.5	W 3	W 8
20	Calm	Calm	Calm	NE .5	N .5	N .5	NNE 1	NNE 2	NNE 4	NW .5	NNW 1.5	WbyN 3
21	Calm	Calm	E .5	Calm	Calm	Calm	Calm	Calm	W 1	WSW 2.5	WSW 1.5	WSW 2
22	N 1	Calm	NNE .5	Calm	Calm	Calm	Calm	Calm	WNW 1.5	W 3.5	WSW 5	W 1
23	N 1	Calm	Calm	Calm	N .5	Calm	Calm	NNW 1	WNW 5.5	WNW 2.5	W 4	WbyS 3
24	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 2.5	Calm	WSW 2	WSW 3
25	Calm	Calm	Calm	Calm	SE .5	ESE 1.5	Calm	ESE 1.5	Calm	SE 2	ESE 8.5	SE 3
26	Calm	Calm	S 1	WSW 1	Calm	Calm	NE 1	NNE .5	NNW 6.5	N .5	NNW 2	NW .5
27	Calm	Calm	Calm	Calm	Calm	ESE 1	ENE 1.5	Calm	Calm	WSW 1	WSW 2.5	WSW 4.5
28	WSW 1	Calm	SSE 2.5	SW 3.5	SW 4	Calm	Calm	Calm	Calm	WSW .5	W 1.5	W 2
29	Calm	Calm	SSW 1.5	Calm	W 4	SSE 1	SE 1	Calm	S 1.5	S 2	SSW 1.5	WSW 11
30	NE 1	WSW 10	Calm	W 1.5	NE 1	Calm	Calm	NW 5	NW 1.5	NW 1	WSW 2	W 1
Mean	1.6	1.8	1.8	1.8	1.9	1.7	1.5	1.8	2.6	2.9	2.8	3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SbyE 1.5	SSW 3	SW 4.5	SW 16	swbyw 3	SW 10.5	SW 6.5	W 5	WNW 3.5	SbyE 1.5	NEbyN 4	swbys 1	4.3
2	Calm	Calm	SbyW 2	swbyw 2	WSW 4	SW 5	SW .5	SbyW 2	WSW 6	W .5	W .5	WSW 2	2.2
3	SW 6	SSW .5	WbyS 10	swbyw 6.5	WbyN 5.5	WSW 6.5	swbyw 6	WbyN 2.5	WNW 3.5	W 4	W 3	W 1	3.1
4	W .5	WbyS 4	W 3.5	Calm	Calm	Calm	Calm	W 3	W 3	WSW 2.5	WSW 2	WSW 2	2.1
5	WNW 5	WNW 1.5	WNW 2.5	WNW 2.5	WSW 3	WSW 2	SW 4	W 4.5	W 7	WSW 3	Calm	WSW 2	2.6
6	WSW 9	SW 5.5	WSW 5	WSW 8	W 9	W 5	SW .5	NWbyW 1.5	W 5	SW 5.5	SW 8	SW 3	6
7	SW 14	W 5	W 2	WbyS 1	swbyw 4	SSW 5.5	SW 6	SW 3.5	SSW 3	SW 7.5	SW 2	SSW .5	4.8
8	SW 4	SWbyS 3.5	SbyW 5	S 2	SWbyS 2.5	SW 4	SSW 3.5	SSW .5	SSW 1	SSW 5	swbyw 1.5	SSW 2	3.1
9	SW 9	SW 15	SSW 7	SW 3	SWbyS 5	SSW 4.5	SW 4	SW 4.5	SW 4.5	swbys 2.5	swbys 4	WSW 4	5
10	swbyw 6.5	WSW 9.5	swbyw 8	SW 6	swbyw 5	SW 5.5	SW 6	SW 7	SW 5	swbyw 8	SW 4	SW 2.5	4.8
11	swbyw 7.5	swbyw 7	swbyw 9	swbyw 9	WSW 3	WbyS 2.5	swbyw 3.5	SW 4	W 2.5	WSW 7.5	swbyw 5.5	swbyw 4	5.2
12	WSW 4.5	WbyS 4	WSW 2	SW 3.5	SW 3.5	SSW 1.5	SSW 5	SSW 2.5	SSW 2.5	SSW 2	SW 2	S 2	4.1
13	NW 2.5	Calm	Calm	W 3.5	SW 4	SW 3.5	SSW 2	SSW .5	Calm	Calm	Calm	Calm	1.1
14	SW 7	SW 5	SW 6	SW 5.5	SW 8	SW 7	SW 4	SW 5	WSW 4.5	SW 3	Calm	Calm	2.7
15	SW 5	SW 6	SW 7	SW 7	SW 5.5	SW 8	WbyS 4	W 3	WSW .5	W 1.5	swbyw 1.5	Calm	2.5
16	WSW 5.5	WSW 8	WSW 6	SW 6.5	SW 5.5	SW 5	swbyw 4	swbyw 3.5	swbyw 3	Calm	Calm	Calm	2.2
17	WSW 5.5	SW 7	SW 4	SW 4.5	SW 7	SSW 5	SW 1.5	swbyw 4	W 1	E .5	Calm	Calm	1.9
18	Calm	W 1.5	WSW 6	WSW 2.5	SW 5	SW 3.5	SSW 3.5	WbyS 2	swbys 1	Calm	Calm	Calm	1.3
19	WSW 4	WNW 1	WbyS 3.5	WSW 2	SW 3	SW 4	WSW 3	WSW 2.5	NNW 2.5	Calm	Calm	Calm	1.4
20	WSW 3	WSW 3.5	swbyw 4.5	SW 2.5	Calm	NE 3	NE 1.5	ESE .5	Calm	Calm	Calm	Calm	1.8
21	WSW 3	WSW 3	SE 3.5	Calm	Calm	Calm	Calm	N 1.5	N 1	N 1	Calm	N 2.5	1
22	W 4	WSW 3	Calm	S 2	Calm	Calm	NNW 4.5	WNW 3	NNW 1.5	N 1.5	Calm	Calm	1.3
23	WSW 3	WSW 3.5	WSW 3	WSW 4	swbyw 1.5	WSW 2	W 1.5	WNW 4	W 3	NW 2	NW 1.5	Calm	1.9
24	SW 6	swbyw 7	swbyw 9	SW 4.5	SW 6	SW 3	SSW 2	Calm	Calm	Calm	SSW 1.5	S .5	2
25	Calm	SSW 5.5	SW 3	S 3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	1
26	WbyN 2	W 1.5	WSW 1.5	SW 2	SbyE 1	Calm	SE .5	Calm	Calm	Calm	Calm	Calm	.9
27	WSW 5	SW 6	WSW 7.5	WSW 7.5	NW 3	NNW 1	NNW 1	Calm	Calm	E .5	Calm	SEbyE 1	1.8
28	WSW 3.5	WSW 7	SSW 8.5	SW 6.5	SW 9	S 6	SSW 8.5	SSW 4	SW 1.5	Calm	Calm	Calm	2.9
29	SW 3	SSW 3.5	SSW 3.5	SSW 5	SW 3	SSW 4.5	Calm	SSE .5	Calm	NNE 1	NE 1	Calm	2
30	WNW 1.5	Calm	Calm	NW 1.5	Calm	NW 2	NNW 2.5	NbyW 2	NNW 3.5	N 3	NNW 2	N 1.5	1.8
Mean	4.4	4.4	4.6	4.3	3.6	3.7	3	2.6	2.3	2.1	1.5	1	2.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	6.5	18	21.5	10	5	14.5	16.5	12.5	11.5	6	21.5	15
2	11.5	11	13	10	16	5	9	14	7	16	8.5	3
3	23.5	10	17.5	8	6	6.5	.5	5	2	2	8	5
4	11	17	13	7	12	.5	4.5	8	3	6	13	2
5	7	11.5	19	11	7	6	13.5	16.5	13.5	5.5	3	5
6	13	10	20	16	26	27	30	29	25	22	41	35
7	19	17	15.5	24	19	25	30	25	23.5	17.5	25	23
8	2	7	15	19.5	14.5	20	12	6	11	7	25	12
9	7.5	2.5	5	22	18.5	13.5	20	13	27.5	17.5	29	22
10	15	18.5	7	8	11	9	10.5	13.5	20	27	28	24
11	9	26	14.5	4.5	10	18	19	21	22	17	26	23.5
12	17	13	17	20.5	22.5	23	18.5	24.5	21.5	28	26	17
13	.5	.5	4	0	.5	3	0	.5	1.5	.5	10	16
14	0	0	0	0	.5	.5	.5	0	3	3.5	8	11
15	0	0	0	0	0	.5	.5	.5	1.5	3.5	7	9.5
16	.5	.5	.5	0	1	0	0	.5	1.5	5.5	9	10.5
17	0	0	0	0	0	1	0	0	1.5	4.5	9.5	7.5
18	0	0	0	2	1	2	3	10	5.5	3.5	9	9
19	0	0	0	0	1	0	0	0	1	5	8	13
20	1.5	0	0	2	2	3	10.5	7.5	8.5	9	15.5	14
21	1	0	2	1	1	2	0	1.5	5.5	8	9	11
22	5	1.5	1	.5	.5	0	1.5	1.5	1.5	8.5	14	12
23	4	2	2.5	0	1.5	2.5	2	3	8	8	14	10.5
24	0	.5	0	0	0	0	.5	2.5	2	3.5	4.5	13
25	.5	.5	1.5	0	.5	1.5	.5	1	2	3	9	6
26	.5	1.5	4	4	1	4	4	9	18	12	13	7
27	0	0	0	0	1	0	3	2	2	5	8.5	11.5
28	4.5	0	5	18	20	6	0	4	1	12.5	7.5	5
29	1	.5	6.5	2.5	13	1	3	2.5	4.5	12	12	36
30	1.5	4.5	8	10	2.5	.5	1	11.5	6.5	5.5	5.5	4
Mean	5.4	5.8	7.1	6.7	7.2	6.5	7.1	8.2	8.8	9.5	14.2	13.1

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
2	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
3	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
4	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
5	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
6	10	10	10	10	10	10	9	10	10	8	10	10	9.8	1	40
7	9	8	7	7	8	7	8	10	10	10	10	10	8.7	3	50
8	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
9	10	10	10	10	6	10	8	10	9	9	10	7	9.1	1	05
10	10	10	9	9	8	7	8	8	7	6	6	5	7.8	6	45
11	10	6	5	4	9	10	5	5	6	8	10	10	7.3	6	30
12	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
13	10	9	10	10	10	10	10	10	10	10	10	10	9.9	1	00
14	7	5	8	9	6	9	8	8	7	7	8	7	7.4	2	10
15	4	3	3	2	2	1	3	3	3	3	3	2	2.7	10	25
16	8	6	8	5	5	3	5	6	4	3	3	4	5	7	10
17	10	9	3	3	2	4	3	3	3	2	2	3	3.9	8	55
18	3	3	3	2	2	2	6	6	5	5	7	5	4.1	10	25
19	5	3	4	3	2	2	3	3	4	5	5	4	3.6	8	30
20	5	4	5	5	6	5	8	8	8	10	10	10	7	7	20
21	7	2	1	1	1	2	5	7	9	10	9	9	5.2	7	05
22	2	2	3	2	1	2	4	6	6	8	9	9	4.5	8	30
23	5	3	3	4	3	3	2	1	3	3	3	1	2.8	9	55
24	9	8	9	7	7	4	9	9	9	7	9	6	7.8	5	25
25	8	9	8	8	8	8	3	6	9	10	7	8	7.7	6	00
26	10	10	10	10	10	10	6	8	9	9	9	9	9.2	1	05
27	4	6	5	2	2	2	5	6	6	5	5	3	4.2	9	05
28	10	10	10	10	7	7	9	9	10	10	10	10	9.3	2	55
29	10	10	10	10	10	10	10	10	10	10	10	10	10	1	35
30	10	10	10	10	10	10	8	9	8	9	8	6	9	0	40
Total														128	10
Mean	8.2	7.5	7.5	7.1	6.8	6.9	7.2	7.7	7.8	7.9	8.1	7.6	7.5	4	16

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
11	13.5	11.5	15.5	27	25.5	**39**	24	28	8	9.5	7	15.8
4	7	6.5	**18.5**	11.5	13	14	6	15	15	1	12	10.3
5	8.5	21.5	23	18	21	**28**	15	7.5	12.5	15	6	11.5
7.5	14	11.5	6	3	1	0	4.5	8	8.5	7	6.5	7.3
11	10	2	4	18	14	14	25	**31**	21	0	7	11.5
32	33	38	24	31	24	6.5	2.5	6.5	14.5	20	22.5	**22.9**
32	31	11	9	6.5	15.5	22	17.5	9.5	15	18.5	4.5	19
18	15	18	11	15	14	18	12	2	5	18	4	12.5
37	36	25	16	14	22	23	24	19	12	11	21.5	19.1
27	**30**	25	27	24.5	26.5	21	22	18	17.5	16	11.5	19.1
27.5	**31.5**	29.5	28.5	22	12.5	14	12	11	20.5	25.5	18.5	19.3
18	17	8.5	6	6.5	7	6	10	11	10	9	9	15.3
14	5	0	6	**29**	23.5	9	4	3.5	.5	.5	.5	5.5
16.5	20	22	24	**29**	25	20	15	12	9.5	.5	.5	9.2
11.5	19	20	**22**	21.5	19	15	10.5	7	5	6	.5	7.5
16	24	24	**25**	**25**	19	17	18	13.5	5.5	0	0	9
17	20	22	**25**	24	21	20.5	17.5	9	.5	.5	0	8.4
5	11	15	**20**	**20**	17	13	11	5	1	0	0	6.8
10.5	10	9.5	10.5	14	**17.5**	13.5	6.5	8.5	2	0	0	5.4
12	11	15	12.5	14.5	10	8	5	.5	1	.5	0	6.8
6	8.5	6.5	4	5	.5	.5	5	2.5	2.5	1	3.5	3.6
11.5	11	3	2	.5	4.5	3.5	11	8.5	4.5	3.5	0	4.6
11.5	11	16	**18.5**	17	10.5	6	10	13	8	6	3.5	7.9
20	28	24	22	20	17	9	4	3	1.5	2.5	4	7.6
2	7.5	**15.5**	11	1	1	3	1	1	2	.5	1.5	**3**
10	11	11	11	5	2	5	4	1	1	1	0	5.8
18.5	**22.5**	**22.5**	21.5	11	4.5	.5	0	0	0	.5	0	5.6
12	23.5	**27**	23.5	18	5	25	19	7	.5	1	0	10.2
27.5	21.5	16	11.5	15	14.5	8	0	2	1	5	1	9.1
8	7	7.5	7.5	9	7	6.5	6.5	6.5	**11.5**	8	6	6.3
15.3	**17.3**	16.2	15.5	15.8	13.8	13	10.8	9	7.2	6.2	5	10.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	------	------	1	------	------	------	1	1	2	6	9	2	1	1	------	------	------	378	0	169.5
2	------	1	------	------	------	------	------	1	------	3	5	5	4	1	------	------	4	247.5	0	234.7
3	------	------	1	1	------	------	------	------	2	2	1	4	7	3	------	------	3	275	0	114.5
4	------	------	------	------	------	------	------	------	------	------	2	7	7	1	------	------	7	174.5	0	21.6
5	------	------	------	------	------	------	------	------	------	------	2	12	3	4	------	------	3	275.5	0	15.9
6	------	------	------	------	------	------	------	------	------	------	12	8	3	------	1	------	------	548.5	.9	9.4
7	------	------	------	------	------	------	------	------	------	3	15	3	3	------	------	------	------	455.5	1.5	5.1
8	------	------	------	------	------	------	------	------	1	10	7	4	------	------	------	------	2	301	0	82.7
9	------	------	------	------	------	------	------	------	------	4	15	4	1	------	------	------	------	458.5	1.5	19.8
10	------	------	------	------	------	------	------	------	------	2	15	7	------	------	------	------	------	457.5	1.7	2.7
11	------	------	------	------	------	------	------	------	------	1	7	14	2	------	------	------	------	463.5	2	18.2
12	------	------	------	------	------	------	------	------	1	5	10	7	1	------	------	------	------	366.5	.2	15.1
13	------	------	------	------	------	------	1	------	2	2	3	1	1	1	1	------	12	132.5	.5	25.9
14	------	------	------	------	------	------	------	------	1	1	10	2	------	------	------	------	10	221	2.6	------
15	------	------	------	------	------	------	------	1	------	------	8	3	3	------	------	------	9	180	3.6	------
16	------	------	------	------	------	------	------	------	------	------	4	8	------	------	------	------	12	216.5	3.1	------
17	------	------	------	------	1	------	------	------	------	2	6	3	1	------	------	------	11	201	3.4	------
18	------	------	------	2	------	------	------	------	------	2	5	2	2	------	------	------	11	163	3.9	------
19	------	------	------	------	------	------	------	------	------	------	2	4	3	1	1	1	12	130.5	**4.1**	------
20	2	3	3	------	------	1	------	------	------	------	1	3	------	1	1	1	8	163.5	2.9	16
21	4	------	------	------	1	------	1	------	------	------	------	5	1	------	------	------	12	87.5	2.8	------
22	2	1	------	------	------	------	------	------	1	------	------	2	3	2	------	2	11	111	3.3	------
23	2	------	------	------	------	------	------	------	------	------	------	6	4	3	2	1	6	189	4	1.8
24	------	------	------	------	------	------	------	------	1	3	4	4	------	------	------	------	12	181.5	3.2	------
25	------	------	------	------	------	3	3	------	1	1	1	------	------	------	------	------	15	73	2.8	1.3
26	1	1	1	------	------	------	1	------	2	------	1	2	1	1	1	2	10	140	2.3	.8
27	------	------	------	1	1	1	1	------	------	------	1	6	------	------	1	2	10	134.5	3.6	.3
28	------	------	------	------	------	------	------	1	1	3	5	4	2	------	------	------	8	245	1.3	82.9
29	------	1	1	------	------	------	1	2	2	6	2	1	1	------	------	------	7	217.5	.7	40.2
30	3	------	2	------	------	------	------	------	------	------	------	2	2	1	5	3	6	152	2.8	9.3
Total Mean	14 0.5	7 0.2	9 0.3	4 0.1	3 0.1	5 0.2	9 0.3	6 0.2	17 0.6	56 1.9	153 5.1	135 4.5	56 1.9	20 0.7	13 0.4	12 0.4	201 6.7	7,340.5 244.7	58.7 2	887.7 29.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	757. 25	9. 40p.	27. 9	3. 10p.	**98**	25	753. 95	4. 35p.	22. 9	8. 15p.	88	20. 4
2	57. 10	9. 55p.	**26.7**	8. 55p.	**98**	24. 3	54. 65	3. 10p.	23. 1	4. 25a.	**92**	21. 1
3	56. 75	9. 30p.	27. 1	2. 25p.	**98**	23. 2	54	3. 35p.	22. 9	7. 25a.	86	20. 3
4	56. 85	10. 45p.	27	11. 55a.	96	22. 6	54. 20	4. 30p.	23. 2	3. 45a.	89	20. 2
5	56. 25	0. 05a.	27. 2	10. 10a.	**98**	23. 4	53. 56	4. 00p.	23. 7	11. 30p.	89. 5	21
6	**55.15**	10. 40p.	30. 9	1. 55p.	**98**	**25.4**	**52.60**	3. 25p.	24. 7	0. 05a.	84	21. 2
7	56. 50	10. 20p.	31. 5	0. 20p.	94	**25.4**	53. 55	4. 00a.	**25**	11. 55p.	82	21. 7
8	56. 60	8. 40a.	27. 6	10. 35a.	97	23. 3	54. 45	4. 10a.	23. 8	7. 45a.	87	20. 2
9	56. 85	10. 35p.	30. 2	11. 50a.	97	24. 1	54. 40	4. 20p.	23. 9	0. 20a.	82	20. 8
10	58	10. 15p.	30. 5	11. 35a.	94	25. 2	55. 60	4. 15p.	24. 8	2. 30a.	82	**21.8**
11	58. 70	10. 50p.	31	10. 55a.	94	24. 9	56. 25	4. 05a.	24. 9	9. 45p.	80	21. 2
12	59. 05	11. 00p.	28	8. 50a.	97	23. 5	56. 50	3. 30p.	24. 4	11. 55p.	84	20. 4
13	58. 95	10. 40p.	28. 6	8. 55a.	97	23. 2	56. 55	3. 55p.	23. 1	11. 50p.	85	19. 5
14	60. 05	10. 00p.	30. 8	2. 05p.	96	23. 7	57. 30	3. 15a.	23	3. 05a.	77	19. 7
15	60. 65	10. 00a.	31. 1	0. 40p.	96	22. 7	57. 82	4. 00p.	22. 9	5. 50a.	70	19. 8
16	59. 75	9. 05a.	31. 6	1. 10p.	94	24. 7	56. 90	3. 30p.	24	4. 55a.	72	21
17	59. 45	10. 15p.	31. 5	1. 35p.	96	23. 1	56. 15	2. 50p.	23. 8	5. 45a.	69	20. 9
18	60. 75	10. 10p.	32. 6	1. 15p.	96	23. 5	57. 55	2. 45p.	23. 2	5. 50a.	64	19. 8
19	61. 25	9. 45p.	32. 9	2. 20p.	93	23. 1	**58.55**	3. 30p.	23. 7	4. 55a.	**58**	19. 5
20	**61.40**	9. 40a.	32. 6	2. 05p.	95	23. 6	**58.55**	2. 25p.	23. 3	5. 35a.	68	19. 3
21	60. 65	9. 45a.	33. 6	2. 40p.	**91**	23. 6	58. 10	2. 50p.	**22.2**	5. 45a.	66	**18.2**
22	59. 95	10. 05p.	32. 9	4. 25p.	97	23. 2	56. 60	4. 05p.	23	5. 30a.	65	19. 2
23	59. 10	0. 05a.	32. 9	3. 50p.	95	22. 5	55. 75	4. 35p.	22. 7	5. 55a.	62	19. 8
24	58. 15	10. 20p.	32. 5	2. 10p.	94	24. 3	55. 56	3. 00p.	24. 4	5. 55a.	69	21. 2
25	58. 90	10. 15p.	**34.1**	1. 15p.	94	23. 6	55. 70	3. 25p.	23. 6	5. 50a.	**58**	20
26	59. 35	8. 55a.	30. 8	1. 45p.	94	22. 6	56. 20	2. 25p.	24. 3	11. 50p.	70. 5	19. 8
27	58. 95	10. 35p.	32. 3	0. 30p.	96	22. 7	56. 06	3. 00p.	23. 5	5. 30a.	65	20. 3
28	59. 50	9. 30p.	31. 2	1. 20p.	97	24. 8	56. 63	2. 00p.	23. 8	10. 45p.	75	20. 5
29	59. 80	9. 35p.	31. 3	10. 50a.	97	23. 3	57. 25	4. 35a.	23. 5	11. 55p.	76	20. 7
30	60. 80	9. 30p.	29. 8	0. 05p.	97	**21.6**	58. 10	3. 15p.	23	6. 10a.	72	19. 6
Mean	758. 75	--------	30. 6	--------	95. 8	23. 7	755. 97	--------	23. 6	--------	75. 6	20. 3

DAILY GENERAL REMARKS.

1----Rainy weather with gusty SWly winds in the afternoon; ⊤ N 8.25 a.

2----Very rainy weather with some ☈.

3----Rainy weather with some ☈ in the early morning and gusty Wly winds in the afternoon.

4----Rainy weather.

5----Somewhat rainy weather, with ⊤ in the afternoon.

6----Gusty SWly winds at intervals with some ●.

7----● in the early morning; gusty SWly winds in the afternoon; p° 1.02 p. and 7.30 p.

8----Rainy weather, with ☈° early in the morning.

9----Gusty SWly winds at intervals with some ● especially in the morning; coloration of clouds at sunset.

10----Somewhat gusty SWly winds at intervals with some ●°.

11----As yesterday.

12----● in the early morning, forenoon and afternoon.

13----● in the morning, afternoon and evening; ⊤° E in the morning.

14----Somewhat gusty SW winds in the afternoon.

15----As yesterday.

16----Somewhat gusty SWly winds in the afternoon; coloration of upper clouds at sunset.

17----≡° in the morning; somewhat gusty SW winds in the afternoon.

18----⊕^{2}, ∩ in the afternoon; coloration of clouds at sunset; ☇ NNW in the evening.

19----Cloudy weather.

20----◯°, thundershowers in the afternoon.

21----☈ NE quadrant in the afternoon; coloration of upper clouds at sunset; ☇ various points in the evening.

22----☈ various points in the afternoon and evening.

23----⌓ early in the morning; ● at night.

24----Gusty SWly winds, ⊤° SE, ○ in the afternoon; ☇ NE in the evening.

25----Thundershowers in the afternoon.

26----∩°, ●° in the morning; ☈ SW and SE quadrants in the afternoon; ☇ N in the evening.

27----d in the early morning.

28----●^{2}, with some ⊤ in the morning and afternoon; gusty SWly winds in the afternoon.

29----Rainy weather, with gusty SWly winds and ⊤° N in the forenoon.

30----● with gusty WSW winds in the early morning.

OBSERVATIONS FOR OCTOBER, 1914.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.50	59.15	59	59	59.40	60.03	60.73	**61.09**	61.02	60.73	60.42	59.87
2	59.55	59.25	58.90	58.95	59.10	59.48	59.83	60.33	**60.77**	60.62	60.51	59.98
3	59.75	59.65	59.35	59.20	59.45	59.92	60.62	61.14	61.28	61.19	60.92	60.13
4	61	60.55	60.55	60.10	60.10	60.23	60.49	60.97	60.94	61.02	60.70	60.25
5	60.75	60.45	60.25	60.15	60.50	60.84	61.34	61.49	61.67	**61.73**	61.44	60.77
6	60.85	60.65	60.55	60.65	60.75	60.97	61.29	61.69	61.92	**62.22**	61.58	60.97
7	60.60	60.30	60.20	60.20	60.30	60.51	61.09	61.47	**61.62**	61.45	61.19	60.58
8	61.20	61.05	60.95	60.95	61.15	61.58	61.74	62.04	**62.14**	62.13	61.86	61.49
9	61.60	61.15	61.10	61.05	61	61.38	61.74	62.24	**62.29**	62.18	61.68	61.26
10	60.95	60.80	60.55	60.60	60.80	61.03	61.42	61.94	**61.99**	61.87	61.46	61.06
11	60.45	60.05	59.85	59.85	59.90	60.14	60.74	60.83	**61.04**	60.79	60.33	60.05
12	60.30	59.95	59.95	60.05	60.10	60.46	60.84	**61.10**	61.08	60.82	60.29	59.57
13	60.25	60.10	60.05	60.10	60.35	60.80	61.39	61.73	61.69	61.62	61.26	60.69
14	61.55	61.30	61.40	61.45	61.60	61.82	62.30	62.49	**62.62**	62.54	62.17	61.44
15	61.05	60.95	60.80	60.90	61	61.49	61.90	62.22	**62.59**	62.47	61.94	61.24
16	61	60.75	60.60	60.60	60.80	61.10	61.95	62.27	**62.62**	62.55	61.89	61.37
17	61.55	61.30	61.15	61.30	61.50	61.84	62.54	62.85	63.06	**63.16**	62.67	62.22
18	61.90	61.75	61.50	61.45	61.60	61.97	62.27	62.55	**62.94**	62.89	62.59	61.77
19	61.50	61.05	60.75	60.70	60.95	61.09	61.30	61.89	**62.20**	62.12	61.82	61.03
20	61.15	60.70	60.35	60.45	60.65	60.99	61.40	61.92	62.08	62.23	61.77	61.02
21	61.95	61.80	61.55	61.60	61.80	62.33	62.70	63.08	63.29	**63.34**	62.91	62.34
22	62.35	62.05	61.85	61.80	61.85	62.05	62.65	62.90	63.03	**63.15**	62.34	62.10
23	61.95	61.75	61.50	61.35	61.55	61.94	62.44	62.81	62.97	62.82	62.06	61.54
24	62.50	62.15	62.10	62.10	62.25	62.66	62.94	63.15	**63.38**	63.16	62.74	62
25	62.05	61.55	61.40	61.45	62	62.43	62.69	62.88	**63.12**	62.86	62.76	62.01
26	62.05	61.95	61.60	61.55	61.70	62.11	62.55	62.76	**62.82**	62.58	61.97	61.38
27	61.35	60.95	60.95	60.90	61.15	61.34	61.64	61.85	61.99	**62.02**	61.72	61.12
28	61.35	61.05	61	61.10	61.25	61.68	62.38	62.78	**63.24**	62.96	62.41	61.63
29	62.10	61.65	61.45	61.50	61.80	62.08	62.58	63.13	**63.20**	62.84	62.43	61.73
30	61.50	61.20	61	61.20	61.35	61.73	62.30	62.55	**62.62**	62.36	61.53	60.92
31	61.95	61.85	61.50	61.60	61.75	61.97	62.59	63	63.05	62.94	62.39	61.72
Mean	61.21	60.93	60.76	60.77	60.95	61.29	61.75	62.10	**62.27**	62.17	61.73	61.14

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.2	24	24	23.8	**23.4**	23.7	24.2	26	27.5	28.4	28.7	28.9
2	24.1	24	23.8	23.6	23.5	**23**	24.8	27.7	28.6	28.8	29.8	28.9
3	25.1	25.1	**25**	24.8	24.9	**24.7**	25.5	28.3	28.1	28.6	30.4	30.7
4	25.1	24.7	24.3	**24**	**24**	**24**	25	26.6	29.1	29.7	**31**	30.9
5	24.8	24.6	24.4	24.1	23.5	**23.2**	25.5	27.3	28.4	28.7	29.5	29.8
6	23	22.7	22.4	22.1	**21.8**	**21.8**	22.7	25.6	28.8	27.4	28.3	**29.8**
7	23.1	22.5	22.3	22.3	**22.1**	22.3	22.5	23.9	27	**29.9**	28.6	29.5
8	22.7	22.2	22.1	22	22	**21.9**	22.8	26.6	28.1	28.9	29.8	30.4
9	23.8	23.6	23.3	23	**22.5**	22.8	24.3	27	28.1	**29.8**	29.5	28.1
10	24.3	24	23.3	22.9	22.3	**22.2**	24.5	26.5	28.9	29.1	29.8	29.7
11	22.6	22.5	22.2	21.9	**21.5**	21.6	23.7	26.5	28.6	29.7	29	26.5
12	25.1	24.7	24.3	24.3	24.1	24.3	25.1	26.7	26.8	27.7	29.2	29.8
13	24	**23.4**	23.5	23.5	23.6	**23.4**	24.5	26.7	29.1	28.2	29	30
14	24.6	24.3	23.9	24	23.8	24	25.1	27	29.2	29.3	29.5	28.5
15	22.2	22.2	21.8	21.7	21.4	**21.2**	23.5	26.1	28.4	29	**29.7**	28.1
16	23.1	23.1	22.6	22.9	**22.4**	23	23.4	26.5	26.9	29	**30**	29.4
17	23.4	23.1	**22.9**	23.5	23.6	**22.9**	24.4	27.5	29.5	27.7	**29.8**	28.5
18	22.9	22.8	22.5	22.2	**22**	**22**	23.5	26.8	28.1	28.6	28.2	28.5
19	23.8	23.9	23.7	23.7	23.6	**23.2**	24.8	27.3	28.2	28.6	28.4	29.1
20	24.4	24.3	24.2	23.6	23.4	23.3	25.2	28.5	30.2	29.4	28.5	30.7
21	22.8	22.9	22.3	22.2	**22**	**22**	23.1	26	28.1	28.7	29.4	28.7
22	21.9	21.4	21.4	**21.3**	**21.3**	21.5	22	24.2	26	27.4	28.9	27.6
23	21.9	21.7	21.2	21	20.7	**20.4**	22.4	26.4	28.5	29.4	31	32.1
24	22.9	23	22.8	22.4	22.4	**22.2**	23.9	26.6	29.8	30.5	32.2	33.1
25	23	21.7	21.9	21.2	21.2	**21.1**	23.1	27	29.6	29.8	28.2	29.8
26	21.4	21.1	**21**	21.5	21.4	21.2	23	26.1	29.4	31.3	30.9	31.5
27	22.2	21.7	21.1	**20.9**	21	21	22.3	25.2	27.9	29.8	29	30.1
28	23.7	23.9	23.1	23.2	23.2	**23**	24	26.7	28.1	**30.6**	29.7	28.6
29	23.9	23.2	22.8	22.1	21.9	**21.6**	22.6	27.2	29.6	30.5	29.2	**31**
30	21.6	**21.4**	**21.4**	22.6	22.3	21.7	23	26.2	28.1	30.3	29.9	30.4
31	21.9	22.2	21.4	**21.1**	**21.1**	21.2	22.6	26.1	27.9	29.5	30	30
Mean	23.3	23.1	22.8	22.7	22.5	**22.4**	23.8	26.5	28.4	29.2	29.5	29.6

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.19	58.58	57.94	**57.91**	58.38	58.87	59.28	59.90	60.35	60.65	60.50	60.15	59.65
59.12	58.49	58.01	**57.99**	58.32	58.87	59.79	60.50	60.75	60.75	60.65	60.35	**59.62**
59.33	**58.56**	58.66	58.77	59.14	59.81	59.86	61	61.65	**62.05**	61.90	61.45	60.20
59.63	59.13	59.32	**58.82**	59.15	59.31	59.95	60.55	61.10	**61.30**	61.20	60.85	60.30
60.24	59.34	59.22	**59.17**	59.39	59.72	60.23	60.65	61	61.05	61.15	61.05	60.57
60.23	**59.83**	59.84	60	59.94	60.13	60.62	60.90	61.05	61.10	61.15	60.85	60.82
60.02	60.03	**59.48**	59.62	59.73	60	60.51	61.15	61.50	61.50	61.45	61.40	60.66
60.61	60.27	59.78	**59.71**	60.01	60.27	60.85	61.40	61.85	61.95	61.85	61.75	61.19
60.44	59.86	**59.68**	59.71	59.81	60.06	60.39	61	61.60	61.70	61.50	61.40	61.08
60.22	59.63	**59.27**	59.36	59.77	60.28	60.77	61.15	61.55	61.45	61.20	60.95	60.84
59.12	58.61	**58.26**	58.51	58.99	59.28	59.70	60.15	60.45	60.55	60.60	60.45	59.95
58.99	58.60	**58.18**	58.36	58.56	58.74	59.49	60	60.10	60.15	60.45	60.45	59.86
60.18	59.54	**59.16**	59.31	59.68	60.14	60.61	61.15	61.60	61.80	**61.85**	61.70	60.70
60.99	60.31	**59.92**	59.94	60.11	60.20	60.72	61.20	61.55	61.65	61.65	61.40	61.35
60.47	59.64	**59.39**	59.56	60	60.34	60.66	61.05	61.45	61.55	61.50	61.20	61.06
60.76	60.13	**59.74**	59.98	60.14	60.52	61.06	61.65	61.85	61.90	61.90	61.80	61.21
61.39	61.08	**60.84**	60.93	61.25	61.46	61.70	62.05	62.40	62.60	62.60	62.25	61.90
61.27	60.69	**60.29**	60.36	60.69	60.87	61.20	61.60	62.20	62.20	62	61.80	61.68
60.49	60.28	**59.92**	60.28	60.52	60.64	60.93	61.65	61.90	61.90	61.85	61.50	61.18
60.35	59.91	59.59	**59.36**	60.09	60.62	61.33	61.85	62.25	62.35	**62.55**	62.20	61.13
61.64	61.21	60.99	**60.89**	61.09	61.49	61.94	62.25	62.55	62.70	62.75	62.65	62.12
61.62	61.08	**60.84**	61.04	61.36	61.69	61.98	62.35	62.45	62.75	62.55	62.30	62.09
60.88	**60.59**	60.60	60.83	61.31	61.89	62.32	62.85	63.05	63.05	**63.10**	62.85	62
61.31	60.68	**60.60**	60.93	61.21	61.51	62.33	62.55	63.05	63.05	62.95	62.55	**62.24**
61.75	61.25	**60.82**	60.92	61.30	61.66	62.20	62.50	62.95	62.75	62.85	62.45	62.11
60.50	59.92	**59.48**	59.65	59.99	60.43	61.29	61.80	62.25	62.15	62	61.75	61.51
60.25	59.62	**59.28**	59.43	59.99	60.61	61.27	61.65	62	62	61.85	61.70	61.11
61.31	60.66	**60.33**	60.61	61.19	61.47	61.88	62.65	63	62.80	62.65	62.50	61.83
61.07	60.37	**60.07**	60.11	60.38	60.69	61.36	62	62.20	62.20	62.10	61.90	61.71
60.12	59.42	**59.30**	59.55	59.92	60.33	61.27	61.85	62.40	62.40	62.40	62.30	61.31
61.15	**60.57**	60.63	60.85	61.48	62.04	62.35	62.70	63.20	**63.45**	63.25	62.95	62.12
60.47	59.93	**59.66**	59.76	60.09	60.45	60.96	61.47	61.85	61.92	61.87	61.64	61.13

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.6	**31.3**	31.1	30	29.1	27.2	26.2	25.7	25	24.6	24.5	24.5	26.5
30.2	**30.7**	**30.7**	30.5	29.4	28.1	27.9	26.9	25.2	25.3	25.3	25.2	26.9
31.2	**31.6**	31.1	27.3	26.7	26.2	25.9	25.9	25.9	25.8	25.5	25	**27.1**
30.1	29.4	28.9	28.2	27.7	26.9	26.3	26.1	26.1	25.6	25.4	25	26.8
30.4	**31.3**	29.4	28.8	28.3	26.7	26.1	25.8	25	24.4	23.9	23.3	26.6
28.9	28.9	25.2	27.1	26.6	25.9	25.5	24.9	24.7	24.2	24	23.5	25.2
29.4	26.9	27.4	28.9	27	25.9	25.3	24.7	24.6	23.8	23.6	23	25.3
30.9	30.4	**31.1**	30.6	29.5	27.3	26.5	26.3	25.9	25.1	24.6	24	26.3
27	28.6	29.7	29.2	27.7	26.6	25.7	25.4	25.2	25.2	24.8	24.1	26
30.6	31.5	**31.7**	31.3	28.4	27.2	26.1	25.2	24.4	23.7	23.3	23	26.4
29.4	27.4	**30**	28.3	26	24.8	25	25.2	25.2	24.9	25	24.8	25.5
30.1	28.6	**30.2**	27.9	28.1	26.6	25.8	25.4	24.9	24.4	24	**23.9**	26.3
30.3	30.2	**30.7**	30	28.7	26.7	26.1	25.4	24.7	24.5	25	24.8	26.5
28.3	28.2	**30**	29.8	28.2	26.4	24.9	24.1	23.4	22.8	22.3	**22**	26
28.3	29	28.2	27.4	24.8	24.9	24.8	24.7	23.8	23.1	22.9	22.4	25
27.8	28.8	29.9	29.1	28	27	26.2	25.6	25.5	25.4	24.4	24.2	26
26.6	27.1	25.6	25.9	25.7	25.5	25.1	25	24.6	24.2	23.6	23.3	25.4
28.6	30.3	**30.8**	26	24.6	24.5	24.4	24.1	23.9	23.6	23.2	23.2	25.2
29.3	26.3	28.2	26.6	25.5	25.2	25.1	25	25	25	24.7	24.5	25.8
31	30.2	**31**	30.3	28.3	27.1	26.7	25.8	24.9	24	23.5	**23**	26.7
29.6	29.2	29	29.1	27.7	26.4	25.7	24.8	24.3	23.4	22.8	22.6	25.5
28.2	27.6	28.4	**29.1**	27.7	25.3	24.1	23.7	22.8	21.9	21.7	21.6	**24.5**
32.3	32.2	31.9	28.9	27.5	26.3	25.4	25.2	24.4	24.6	23.5	23	25.9
32.2	**32.2**	31	30.7	29	26.1	25.9	24.8	23.7	22.8	22.9	22.3	26.4
28.8	**30.8**	**30.8**	30.1	28	25.5	23.6	22.7	22.4	22	21.9	21.8	25.2
30.8	30.5	**31.6**	30.4	28	26.5	25.7	24.1	23.3	23	23	22.1	25.8
31.4	31.3	**31.6**	31	28.9	26.9	26	25.3	24.8	24.5	23.9	23.5	25.9
27.7	27.5	28.2	27.9	26.9	25.9	25.3	25.1	24.9	24.8	24.7	23.9	25.9
31	30.8	29.9	28.7	27.7	26	25.1	24.7	23.8	23.1	22.8	22.1	25.9
31.6	31.4	30.6	30	28	26.1	25.5	24.4	23.5	23	22.6	22	25.7
30.5	**30.6**	27.7	29	27.7	26.3	25.1	24.8	24.1	23.3	23.1	23.1	25.4
29.8	29.7	29.7	29	27.6	26.3	25.6	25.1	24.5	24.1	23.8	23.4	25.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	88	91	90	91	91	**92**	91	84	76	78	77	70
2	93	93	94	92	92	**96**	91	78	75	77	74	71
3	89	90	91	91	91	89	90	79	81	80	73	71
4	94	**95**	93	91	88	90	90	80	81	77	71	71
5	95	95	**97**	96	95	92	85	75.5	74	71	69	67
6	92	90	91	92	92	91	88	80	71	72	70	**69**
7	93	91	89	89	88	89	90	86	80	**69**	75	75
8	**95**	**95**	93	93	94	92	91	77	76	73	71	73
9	**93**	**93**	92	91	92	**93**	88	77	76	**64**	70	74
10	91	**94**	93	93	**94**	**94**	86	76.5	66	68	66	67
11	89	90	88	88	89	90	85	77	73	72	72	82.5
12	88	90	88	89	**91**	90	90	85	77	76	71	68
13	83	85	85	87	89	**90**	89	79	69	69	68	64
14	79	80	83	83	85.5	**86**	84	77	65	68	70	70
15	87	88	87	88	88	91	85	75	66	**63**	**63**	66
16	**94**	91	90	91	91	86	89	79.5	77	69	**65**	67
17	86	88	88	85	84	89	89	74	66	73	**65**	71
18	95	95	93	94	96	93	90	80	70	70	**65.5**	68
19	**97**	92	93	92	92	94	92	80	75	73	74	69
20	91	91	91	90.5	91	90	**92**	77.5	68	76	78	70.5
21	89	90	**92**	91	**92**	**92**	89	81	70	64	**62**	64
22	**92**	90	90	**92**	**92**	91	91	90	82	78	74	79
23	**90**	**90**	88	86	88	88	88.5	73	66	63	50.5	46
24	85	85	85	86	**87**	86	84	73	59	52	53	47
25	78	85	84	**88**	87	86	83	66	63	63	66	60
26	82	80	81	80	81	81	77	73	60	55	**53**	55
27	**90**	**90**	87	88	89	89	89	76.5	67.5	63	70	71
28	85	82	86	87	**89**	88	83	74	70	**62**	68	75
29	86	87	88	**90**	88	87	87	74	**58**	**58**	62	59
30	85	85	86.5	82	84	**89**	88	78	71	66	64	58
31	**87.5**	82	84.5	87	85	84	82	73	69	62	62	**60**
Mean	89.1	89.1	89.1	89.1	89.5	**89.6**	87.6	77.7	70.9	68.5	67.5	**67**

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.8	20.1	19.9	19.8	**19.5**	20.1	20.5	21.2	20.6	22.4	**22.5**	20.7
2	20.8	20.7	20.6	19.9	19.8	19.9	21.1	21.5	21.9	22.6	**23.1**	21.1
3	21.1	21.3	21.3	21.1	21.2	**20.6**	21.8	22.5	22.9	23.4	23.5	23.3
4	22.3	21.9	21	20.3	**19.5**	19.9	21.2	20.7	**24.1**	23.7	23.6	23.6
5	22.1	21.8	21.9	21.4	20.4	19.5	20.7	20.3	21.2	20.6	21.2	21
6	19.2	18.5	18.3	18.2	17.8	**17.7**	18	19.5	21	19.5	19.9	21.6
7	19.5	18.4	17.9	17.9	**17.5**	17.9	18.3	19	21.1	21.7	21.7	22.8
8	19.4	18.8	18.3	18.2	18.4	**17.9**	18.8	20	21.4	21.5	22.2	**23.5**
9	20.4	20.1	19.6	19	**18.6**	19.2	19.9	20.3	21.4	19.9	21.3	20.8
10	20.5	20.8	19.8	19.3	18.8	18.6	19.6	19.7	19.6	20.4	20.6	20.6
11	18.2	18.3	17.6	17.3	**17**	17.3	18.6	19.9	21.3	**22.3**	21.5	21.2
12	20.9	20.8	19.9	20.1	20.2	20.3	21.3	22.1	20.2	21.1	21.4	21.1
13	18.4	18.1	18.2	18.7	19.2	19.2	20.3	20.5	20.6	19.6	20.3	20.2
14	18.1	18	18.3	18.4	18.7	19	20	20.3	19.5	20.5	**21.3**	20.2
15	17.2	17.6	17	17	**16.7**	17	18.4	18.8	18.9	18.7	19.5	18.7
16	19.7	19.1	18.4	18.9	18.3	**18**	19	20.4	20.4	20.4	20.6	20.4
17	18.4	18.4	18.2	18.4	**18.1**	18.4	20.2	20.2	20.4	20.1	20.2	20.6
18	19.6	19.5	18.8	18.6	18.8	**18.2**	19.3	21	19.8	20.3	18.6	19.8
19	21.2	20.3	20.2	20.1	19.9	**19.8**	21.3	21.5	21.3	21.3	21.2	20.6
20	20.8	20.5	20.3	19.6	19.5	19.2	21.8	22.4	21.7	23	22.6	**23.1**
21	18.5	18.7	18.4	18.1	18	18	18.6	20.2	19.8	18.9	18.9	18.9
22	17.9	17	17	17.3	17.3	17.3	17.9	20.2	20.6	21.3	21.9	21.7
23	17.6	17.4	16.5	16	16	**15.7**	17.8	18.6	19	**19.2**	16.9	16.2
24	17.7	17.8	17.6	17.3	17.5	17.1	18.5	18.8	18.4	16.8	**19.1**	16.8
25	16.2	16.4	16.4	16.5	16.3	16.1	17.4	17.5	19.3	**19.6**	18.8	18.6
26	15.5	**14.9**	15	15.3	15.4	15.2	16.1	18.2	18.2	18.6	17.5	18.9
27	17.9	17.4	**16.2**	**16.2**	16.5	16.5	17.9	18.2	18.8	19.6	20.8	**22.4**
28	18.4	18.1	18.1	18.4	18.7	18.3	18.4	19.4	19.8	20.1	21	21.7
29	19	18.4	18.1	17.8	17.3	16.8	17.7	19.8	18	19	18.8	19.6
30	16.2	16.2	16.4	16.6	16.8	17.2	18.3	19.7	20.1	**21.1**	20.1	18.8
31	17.1	16.4	16	16.2	15.9	**15.7**	16.6	18.2	19.2	19	19.4	19
Mean	19	18.8	18.4	18.3	18.2	**18.1**	19.2	20	20.3	20.5	20.6	20.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
67	61	**59.5**	64	71	75	80	84	87.5	87	87	91.5	80.6
68	66	**62**	65	68	74	79	80	80	81	86	86	80
68	**67**	72	82	85	91	92	**93**	**93**	**93**	**93**	**93**	84.9
70	71	74	79	81	88	91	93	93	92	92	92	84.9
64	**60**	70	76	74	80	83	86	85	86	86	89	81.3
73.5	70	84	78	85	89	93	92	92	91	92	**95**	84.7
72	85	85	78	88	93	94	92	95	93	95	**98**	**86.8**
69	70	**67**	70	76	84	90	89	90	91	92	92	83.5
83	78	76	76	81.5	81	86	84	89	88	89	**93**	83.6
65	**54**	59	60	72	79	75	78	79	83	86	88	77.8
72	78	**71**	73	86	87	87.5	88	89	92	87.5	**93**	83.3
67.5	73	**66**	81	80	86	75	78	81	82	85	85	80.9
65	64	**60**	65	67	66	65	70	76	77	76	79	74.5
74	74	**64**	65	73	69	68	71	74	76	81	85	75.2
67	69	72	79	90	**96**	85	83	88	90	89.5	91	81.1
77	74	69	67	71	73	75	76	78	78	82	82	78.8
79	82	90	90	**93**	92	92	89	89	90	92	92	84.5
71	66	67	88	94	98	98	98	**99**	97	97	97	86.6
68	82	77	77	86	85	86	87.5	88	89	92	91	84.6
67	71	**65**	66	73	82	86	86	85	88	88	88	81.3
69	69	73	74	81	86	81	83	83	85	87	88	80.6
79	79	80	71	**68.5**	79	82	81	83	87	86	87	83.5
45	49	53	62	66	72	80	77	82	79	83	85	72.9
47	**42**	50.5	51	55	68	68	72	78	82	80	83	**69.1**
65	59	**56**	**56**	63	68.5	76	78	77	81	82	80	72.9
59	65	56	63	74	79.5	78	83	84.5	86	85	**90**	73.4
61.5	63	**60**	63	69	77	78	80	80	81	84	86	77.2
82	81	81	75	72	70	74	75	75.5	78	81	87	78.4
58	60	64	69	73	78.5	78	76	76	79	79	81	74.8
53.5	54	55	57	56	62	70	74	76	79	81	86	72.5
61.5	62	78	65	70	70	73	77	80	84	85	84	75.3
67.3	67.7	68.3	70.5	75.5	80	81.2	82.4	84	85.3	86.5	88.3	79.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.9	20.6	19.9	20.1	21.4	20	20.2	20.5	20.6	19.9	20	20.9	20.5
21.6	21.7	20.4	21	20.6	21	22.2	20.9	**19**	19.5	20.6	20.5	20.9
23	23.2	**24.1**	22.1	22.1	23	22.8	23	23	23.1	22.6	22	**22.4**
22.2	21.6	21.9	22.4	22.3	23.2	23.2	23.3	23.3	22.4	22.1	21.7	22.1
20.6	20.2	21.4	**22.4**	21.1	20.9	20.9	21.2	20	19.4	**18.9**	**18.9**	20.8
21.7	20.7	20.1	20.8	21.9	22.2	**22.6**	21.6	21.2	20.5	20.4	20.4	20.1
22.1	22.4	23	23.2	**23.3**	23	22.6	21.4	21.8	20.4	20.5	20.5	20.7
23	22.7	22.4	23	23.2	22.5	23	22.5	22.4	21.5	21.2	20.4	21.1
21.9	22.7	**23.5**	22.8	22.4	21	21.1	20.3	21.2	21.1	20.7	20.8	20.8
21.3	18.5	20.4	20.5	20.7	21.2	18.8	18.6	**18**	18.1	18.3	18.3	19.6
22.1	21	**22.3**	20.9	21.5	20.3	20.6	21.1	21.2	21.6	20.6	21.7	20.2
21.4	21.3	21.1	**22.6**	**22.6**	22.3	**18.6**	18.8	19	18.7	18.8	18.7	20.6
20.8	20.3	19.8	20.5	19.7	17.1	**16.4**	16.9	17.6	17.6	18	18.5	19
21.1	20.9	20.1	20.2	20.8	17.7	15.9	15.9	15.8	**15.7**	16.3	16.7	18.7
19.1	20.4	20.5	21.4	20.9	**22.4**	19.8	19.3	19.3	18.8	18.6	18.3	18.9
21.4	**21.8**	21.5	20	20.1	19.3	18.9	18.5	19	18.8	18.7	18.3	19.6
20.4	21.8	22	22.4	**22.7**	22.2	21.9	21	20.4	20.2	19.9	19.6	20.3
20.5	21.1	22	21.9	21.6	**22.4**	22.3	21.9	21.9	20.9	20.4	20.4	20.4
20.5	20.8	**22**	20	20.9	20.3	20.4	20.6	20.8	21	21.2	20.7	20.7
22.5	22.5	21.9	21.2	20.9	21.8	22.3	21.2	19.9	19.5	18.9	**18.3**	21.1
21.3	20.7	21.6	22.2	**22.3**	22	20	19.2	18.8	18.2	**17.9**	**17.9**	19.5
22.4	21.5	**22.8**	21.2	18.9	18.9	18.4	17.5	17	16.9	**16.5**	16.6	19
16.1	17.7	18.5	18.4	18.1	18.3	**19.2**	18.4	18.5	18.2	17.8	17.8	17.7
16.9	**15.2**	16.9	16.7	16.4	17.1	16.9	16.7	17	16.9	16.6	16.7	**17.2**
19.2	**19.6**	18.5	17.8	17.8	16.6	16.4	16.1	15.6	15.8	16.1	**15.5**	17.3
19.6	**21**	19.5	20.4	20.7	20.4	19	18.5	18	18	17.8	17.8	17.9
21	21.4	20.9	21.1	20.3	20.2	19.4	19.3	18.7	18.5	18.5	18.5	19
22.7	22.2	**23**	21	19	**17.4**	17.8	17.8	17.7	18.1	18.7	19.2	19.4
19.4	20	20.1	20.1	**20.3**	19.6	18.5	17.6	16.6	16.5	16.4	**15.9**	18.4
18.4	18.6	18.1	17.9	15.8	**15.5**	17	16.8	16.4	16.6	16.5	16.9	17.6
19.9	20.1	**21.5**	19.5	19.5	17.9	17.2	17.9	17.8	17.8	17.9	17.7	18.1
20.8	20.8	**21**	20.8	20.6	20.2	19.8	19.5	19.3	19	18.9	18.9	19.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu.
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	------	Cu.
3	A.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu. E	Ci.-Cu.	Cu.
4	A.-Cu.	Cu. E	Ci.	Cu.	------	Cu. E	------	Cu. E	A.-Cu.	Cu.-N.
5	------	Cu.	Ci.	Cu.	------	Cu.	------	Cu.	------	Cu.
6	Ci.-S.	Cu.	Ci.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	Ci.	Cu. E
7	A.-Cu.	Cu.	A.-Cu.	Cu.	------	Cu.	A.-Cu.	Cu.	------	Cu.
8	------	Cu.	------	Cu.	Ci.	Cu. E	------	Cu. E	------	Cu. E
9	Ci.	Cu.	------	Cu. E	------	Cu. E	------	Cu. E	------	Cu.-N.
10	Ci.	Cu.	------	Cu.	Ci.	Cu.	------	Cu. E	------	Cu.
11	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.	N.-cf. EbyN	------	N.-cf. EbyN
12	------	Cu.	------	Cu.	------	Cu.	------	Cu. E	------	Cu.
13	------	Cu. E	------	Cu. E	------	Cu.	------	Fr.-Cu. E	------	N.-cf.
14	A.-Cu.	S.-Cu. E	------	Cu.	------	Cu. E	------	Cu. E	------	Cu. E
15	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	------	Cu.-N.
16	------	Cu. E	Ci.	Cu. E	------	Cu. E	------	Cu. E	Ci.	Cu.
17	------	Cu.	Ci.-S.	Cu. E	------	Cu.-N. E	A.-Cu.	Cu. E	------	Cu.-N.
18	------	Cu.	------	Cu.	------	Cu. E	------	Cu. E	------	Cu.-N.
19	------	Cu.	A.-Cu.	Cu. NNE	------	Cu.-N. NNE	Ci.-S.	Cu. NNE	Ci.-S.	Cu.-N.
20	A.-Cu.	Cu. E	------	Cu. E	------	Cu. E	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N. E
21	Ci.	Cu.	------	Cu.	------	S.-Cu. E	------	Cu.-N. E	------	Cu.-N. E
22	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E	Ci.-S.	Cu.-N. E	Ci.	Cu. E	A.-Cu.	Cu.
23	Ci.	Cu.	------	Cu.	------	Cu.	------	Cu.	------	Cu.
24	A.-Cu.	Cu.	Ci.	Cu.	------	Cu.	------	Cu.	------	Cu.
25	A.-Cu.	Cu.	------	Cu.	------	Cu.-N. E	------	Cu.-N. E	------	Cu.-N.
26	Ci.-S.	Cu. E	A.-Cu.	S.-Cu.	Ci.	Cu.	Ci.-S.	Cu. E	Ci.	Cu.-N.
27	Ci.	Cu. E	A.-Cu.	Cu. E	------	Cu.	------	N.-cf.	------	Cu.
28	------	Cu. E	------	N.-cf.	------	Cu.	------	Cu. E	------	Cu.-N.
29	------	Cu.	------	Cu.	------	Cu.	------	Cu. E	------	Cu. E
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
31	Ci.	Cu.	Ci.	Cu.	------	Cu.	------	Cu. E	------	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
2	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
3	------	Cu.	------	Cu.	------	Cu.-N.	------	Cu.-N.	------	Cu.
4	------	Cu.-N. E	------	Cu.-N. E	------	Cu. E	------	Cu.	------	Cu.-N.
5	------	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.
6	Ci.	Cu.	Ci.	Cu. E	------	Cu.-N. E	------	Cu.-N. E	------	Cu.-N.
7	------	Cu.-N.	------	Cu.-N.	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-Cu.	Cu.
8	------	Cu. E	------	Cu. E	A.-Cu.	Cu.	------	Cu.	Ci.	Cu.
9	------	Cu.-N. E	Ci.-S.	Cu.-N.	------	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
10	------	Cu. E	Ci.	Fr.-Cu.	------	Fr.-Cu.	------	Cu.-N. E	------	S.-Cu.
11	------	Cu.-N. EbyN	------	Cu.-N. E	Ci.	Cu.	------	Cu.-N.	------	Cu.-N. E
12	------	Cu.-N. E	------	Cu.-N. E	------	Cu.-N. E	------	Cu.	------	Cu.
13	------	Cu.	------	Cu. E	------	Cu. E	------	Cu. E	------	Cu.
14	------	Cu.	------	Cu. NE	------	Cu. NE	------	Cu. NE	------	Cu.
15	------	Cu.-N.	------	Cu.-N.	------	Cu. E	------	Cu.-N. E	------	Cu.-N.
16	------	Cu.-N.	A.-Cu.	Cu. E	------	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.
17	------	N. E	------	N. E	------	Cu.-N. E	------	Cu.-N.	A.-Cu.	Cu.
18	Ci.-S.	N.-cf. EbyN	Ci.-S.	N.-cf. EbyN	A.-Cu.	Cu. EbyN	------	Cu.-N.	------	S.-Cu.
19	Ci.-S.	Cu.	------	N.	------	Cu.-N.	------	Cu.-N.	------	Cu.-N.
20	------	Cu.-N. E	------	Cu. E	------	Cu.	------	Cu. E	------	Cu.
21	------	Cu. E	------	Cu. E	------	Cu.-N. E	------	Fr.-Cu. E	------	Cu.
22	------	N.-cf.	------	Cu.-N.	------	Cu.	------	Fr.-Cu.	------	Cu.
23	------	Fr.-Cu.	------	Fr.-Cu.	------	N.-cf. E	------	Cu.-N. E	------	Cu.
24	------	Cu.	------	Cu.	------	Cu. ENE	------	Cu.	------	Cu.
25	------	Cu.-N. E	------	Cu. E	------	Cu. E	Ci.-S.	Cu.	------	Cu.
26	Ci.-S.	Cu.	Ci.-Cu.	Cu. E	------	Cu. E	------	Cu. E	------	Cu.
27	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.	------	Cu.	------	Cu.
28	------	Cu.	------	Cu.	------	Cu.	------	Cu.-N. E	A.-Cu.	Cu. E
29	------	Cu.	------	Cu. E	------	Cu.-N. E	------	N.-cf. E	------	Cu.
30	------	Fr.-Cu.	------	Cu.	------	Cu.	Ci.	Cu.	Ci.	S.-Cu.
31	------	Cu.-N.	------	Cu.	A.-Cu.	Cu.	------	Cu. E	A.-Cu.	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	NbyW 1	NbyW 1	NNW 1.5	N 1.5	Calm	NW 3.5	WSW 2.5	SW 4	WSW 3
2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE .5	NW 3	NW 4	W 1.5
3	NNE 1	Calm	Calm	NNE .5	NNE .5	Calm	Calm	Calm	WSW 3.5	W 2	WSW 1.5	SW 2
4	NE 2	N 2	NNE 1.5	NNW 1	N 1	NE .5	Calm	Calm	SSW 2	WSW 1.5	ENE 2.5	ESE 3
5	ENE 1	Calm	Calm	E 1	ENE 1	Calm	Calm	Calm	NNW 1	W 3	WbyN 3.5	W 4.5
6	ENE .5	ENE .5	E .5	Calm	NE 1	Calm	NNE 1.5	Calm	NE 1.5	W 2.5	WNW 2	NW 2
7	ESE 1	E 1	ENE .5	ENE .5	NEbyN 1	Calm	Calm	Calm	Calm	NE 1.5	SWbyW 1	SW 1.5
8	NE 1	NE 1	ENE 1	ENE .5	ENE 1.5	Calm	Calm	Calm	Calm	WSW 1.5	WSW 2.5	SW 1.5
9	Calm	E 1	E 1	SE .5	Calm	Calm	Calm	Calm	Calm	SSW 1.5	WSW 1	WSW 1.5
10	Calm	Calm	Calm	Calm	Calm	ENE .5	ENE 1	Calm	Calm	WSW 1.5	WSW 2.5	WSW .5
11	Calm	Calm	Calm	Calm	Calm	Calm	N 1	NbyW 1.5	NNE 1	NNW 3.5	NW 1	NNW 3
12	Calm	E 2	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	Calm	WSW 1.5	SW .5
13	EbyS 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E 1.5	NE .5	W 2.5	WSW 3
14	E 1.5	Calm	E .5	E .5	Calm	SE 1	N 1	Calm	Calm	NE 1.5	W 4	W 3.5
15	E .5	ENE .5	ENE .5	ENE 1	Calm	Calm	Calm	NE 1	SE 1	SE 1.5	WSW 1.5	WSW 2.5
16	Calm	Calm	Calm	Calm	ENE .5	NNE 2	NE 2	Calm	ENE 1.5	NNE 1	ESE 2.5	ESE 3.5
17	Calm	Calm	Calm	NE 1	NNE 1.5	Calm	Calm	Calm	Calm	WSW 1.5	SW 3.5	WSW 1
18	ESE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW .5	W 1	NW 4	Calm
19	NE 1	NE 2	NE 2	NE 2.5	Calm	Calm	Calm	Calm	W 1.5	SW 2	W 1	N 4
20	Calm	NE .5	Calm	Calm	Calm	Calm	NE .5	E 1.5	ENE 1.5	SW 2	WSW 1.5	SE 2.5
21	Calm	Calm	Calm	Calm	Calm	N 1	N 1.5	Calm	NW 1.5	W 1.5	W 2	W 1.5
22	ENE 1.5	Calm	NNE 2	Calm	NNE 2	N 1	N 1	Calm	NW 1	N 2.5	WNW 3.5	NW 3
23	ENE .5	ENE 1	ENE 1	NE 1.5	NNE 1.5	ENE 2	NE 1	NE 1	Calm	NE 2.5	NE 2	E 4
24	NNE 1	NNE 2	Calm	NNE 1.5	NE 2	NE 1.5	Calm	Calm	Calm	NNE 1	NE 1.5	ENE 1.5
25	NNE 1	NNE .5	NNE .5	NE .5	NNE .5	Calm	NNE 1.5	N 1	N 1	E 1.5	E 5.5	NE 3
26	Calm	NE 1	NE .5	NE 1	Calm	Calm	NNE 2	NNE 2.5	ENE 1	E 1.5	E 2	SW 2.5
27	ESE .5	SE 1	SEbyE .5	SEbyE 1	SEbyE 1	Calm	Calm	NE 1	Calm	Calm	SW 1	ESE .5
28	EbyS 1.5	EbyS 1	EbyS 1	EbyS .5	Calm	Calm	ENE 1.5	Calm	ESE .5	Calm	W 5.5	WSW 2
29	Calm	Calm	Calm	Calm	E 1.5	Calm	Calm	Calm	Calm	Calm	NEbyN 3	Calm
30	Calm	NE 1.5	NE 2	NE 2	NNE 2	Calm	Calm	Calm	Calm	Calm	WSW 2.5	E 5
31	NNE .5	NNE 1	Calm	Calm	NNE 1	NEbyN 1.5	NNE .5	Calm	NbyE 1	NWbyN .5	NW 2.5	W 4
Mean	0.6	0.6	0.5	0.6	0.7	0.4	0.6	0.3	0.9	1.5	2.5	2.3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	NW 3.5	WNW 2.5	WNW 2	WNW 2.5	WNW 0.5	NNW 3	Calm	Calm	Calm	N 0.5	Calm	Calm	1.4
2	WSW 2.5	WSW 3.5	WSW 3.5	SW 3.5	WSW 3.5	WSW 3.5	WSW 1	NE 2.5	NE 2.5	NNE .5	NNE 0.5	NbyE 1.5	1.6
3	WSW 4	WSW 1.5	Calm	NE 1	Calm	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	.8
4	SE 4.5	ESE 3	SE 2	ESE 2	Calm	Calm	Calm	Calm	Calm	NbyE 1	NEbyE 1.5	NEbyE 1.5	1.4
5	WbyN 5	WbyN 3	Calm	NNE .5	NNE 1	NE .5	Calm	Calm	ENE 1	Calm	Calm	ENE .5	1.1
6	W 2.5	WNW 4.5	SSE 3.5	SSE 1	Calm	Calm	Calm	SSE .5	SEbyE 1	Calm	ESE .5	ESE 1	1.1
7	SWbyW 1.5	Calm	Calm	Calm	Calm	Calm	Calm	EbyS 1	EbyN .5	EbyN 1	NE 1	NE 1	.6
8	WSW 3	Calm	Calm	Calm	Calm	Calm	SbyW .5	SE 1.5	E 1.5	E 1.5	E .5	Calm	.8
9	Calm	Calm	EbyS 2.5	SEbyE 2	Calm	SEbyE .5	Calm	ESE 2	ESE .5	ESE 1	Calm	Calm	.6
10	WSW .5	SE 1	Calm	SE 1	SSE .5	Calm	ESE .5	Calm	Calm	Calm	Calm	Calm	.4
11	SW 2.5	N 3	WNW .5	E 3	EbyN 3.5	SE 2.5	SE 2	SE 2	ESE 1	Calm	Calm	Calm	1.3
12	SW 3	ESE 2.5	S .5	SW 1	Calm	Calm	EbyS 1	EbyS 2.5	EbyS 1	ESE 2	Calm	Calm	.8
13	WSW 2.5	SW 1	SbyW 2.5	S .5	SE .5	ESE 2	EbyS .5	ESE 2	ESE 1.5	ESE 2	ESE 2	ESE 1	1.1
14	WSW 1.5	Calm	SSW .5	Calm	Calm	Calm	E 2	E 1.5	E 1.5	Calm	Calm	E .5	.9
15	WSW 1.5	SSE 2	SE 1	SE 2	Calm	NE 1	Calm	E 1.5	ENE 1	Calm	Calm	Calm	.8
16	ESE 3.5	ESE 4	E 4.5	ENE 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	1.1
17	W 1.5	SW 1	WSW 1.5	SW 1	Calm	Calm	Calm	E 1	E 1.5	ESE 1.5	E 1.5	ESE .5	.8
18	Calm	Calm	ESE 2	NE 5	Calm	Calm	Calm	Calm	NE .5	NE 1	Calm	Calm	.6
19	N 4.5	NNE 4	NbyE 3	NNE 2.5	N 1.5	N 3.5	Calm	N 1	NNE 1	Calm	Calm	Calm	1.5
20	SE 3	Calm	SE 6	SE 3.5	SE 3.5	ESE 1.5	ENE 1	Calm	Calm	Calm	ESE 1	Calm	1.2
21	W 1	W 1.5	WNW 2	NNW 1	NNW 1	Calm	Calm	ENE 1.5	ENE .5	ENE .5	ENE 1	ENE 1.5	.9
22	NNW 4.5	NNW 4.5	NNW 1	NNE 4	NE .5	Calm	Calm	NE .5	NE 1	Calm	Calm	ENE .5	1.4
23	ESE 3	ESE 3.5	ESE 5	ESE .5	ENE 2	NNE 1.5	Calm	Calm	Calm	NNE 2	ENE .5	Calm	1.5
24	ENE 4.5	ENE 8.5	EbyN 5	ENE 5	ENE 2	E .5	NE 1.5	NE 1.5	NE 1	ENE .5	NNE .5	NE 1	1.8
25	Calm	ENE 3.5	EbyN 5.5	E 5.5	E 3.5	ENE 2	ENE .5	ENE .5	Calm	Calm	ENE .5	NE .5	1.6
26	WNW 1.5	WNW 4	ESE 6	SE 4.5	ESE 4	SEbyE 1.5	Calm	SE 1.5	SE 1.5	SE 1	SE 1	Calm	1.7
27	EbyS 2.5	ESE 6	ESE 2.5	SEbyE 3.5	E 4	Calm	Calm	EbyS 1	EbyS 1	EbyS .5	EbyS .5	EbyS 1	1.2
28	SSE 3.5	ESE 3	ESE 1	EbyS 1	Calm	EbyS 2.5	ESE 2.5	E 1	ESE 1.5	Calm	Calm	Calm	1.2
29	ENE .5	E 3	Calm	NE 1	Calm	Calm	ENE 1.5	NE 1.5	EbyN 2	ENE 2	EbyN 2	ENE 1	.8
30	ESE 1.5	SE 1.5	NE 5	NE 5.5	EbyN 4.5	E 2.5	Calm	Calm	Calm	Calm	Calm	Calm	1.5
31	WSW 4.5	Calm	Calm	ESE 3.5	ESE 2.5	E 2.5	ESE 2.5	N 2	N 2	Calm	Calm	Calm	1.3
Mean	2.5	2.4	2.2	2.2	1.2	1	0.5	1	0.9	0.6	0.5	0.4	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1.5	0.5	1.5	2	1	2	3.5	4	5	9	10	9
2	0	0	.5	0	.5	0	0	2.5	6.5	9.5	14	11.5
3	1	0	1	.5	0	2.5	2.5	0	2.5	5.5	8	8.5
4	5.5	8	5	6	3	6	1	.5	4.5	5	6.5	11.5
5	1	.5	1	1.5	2	4.5	5.5	5	6.5	9.5	13	13
6	2.5	3	1.5	3.5	2	3	4.5	2.5	2.5	5	7	7
7	3	2.5	2.5	1.5	2	3.5	2.5	1.5	2	5	4.5	**9**
8	3	3	3	1.5	1.5	3	1.5	.5	4	6	9	9
9	0	1	2	3	0	1	2	1.5	1	2.5	9	**14**
10	3	0	4	5	3	3	4	6	3.5	7.5	8	8
11	2	4	2	5	4	4	6.5	5.5	11	5	12	10
12	4	5	3	3	3	2	1	3	4	5	10	9
13	4	3	3	4	1	2	1	0	3	8	**11.5**	**11.5**
14	6.5	4.5	2	3	2.5	1.5	1.5	.5	3.5	6	**11**	10
15	2.5	2.5	3.5	4	3.5	1	2.5	4	3	3	1.5	9.5
16	.5	0	2	1.5	2.5	5.5	10	6	4	5.5	9	9
17	1	0	2.5	2.5	4	4	4	3	2.5	4.5	**9**	7.5
18	2	2	1	1	1	1	2	3	2.5	4.5	**11**	10
19	4.5	6.5	8	7.5	7.5	2	.5	1	1.5	4.5	7.5	14
20	1.5	3	2	2.5	0	1	.5	2	4	3	7	6.5
21	.5	1	1.5	1.5	.5	2.5	2	2	1.5	5.5	7.5	7
22	4	2	2.5	2	0	5	2	2	0	3.5	9.5	12
23	3.5	3	4.5	6.5	5	3.5	3.5	2	5	4.5	10	9.5
24	2.5	5.5	6.5	2	5.5	7.5	5.5	7	3.5	8	9.5	**21.5**
25	5.5	3	4	3.5	3	4	1	7	10.5	4.5	10.5	12.5
26	3	3	3	2.5	3	4	3.5	9.5	6.5	4.5	7	3.5
27	1	0	4	2	4	3.5	2	6	6.5	3	7	10
28	3	5	3	2	2	4	2	.5	2	4.5	11	**16**
29	.5	0	1	1	1.5	4.5	2	3.5	2	3	6.5	6.5
30	2.5	3.5	2	7	10	7	5	5.5	2.5	6	7	8.5
31	1.5	3	4	2	2.5	4.5	6.5	9.5	6.5	5	11	8
Mean	2.5	2.5	2.8	2.9	2.6	3.3	3	3.4	4	5.3	8.9	10.1

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	7	8	9	9	8	8	6	5	4	3	3	5	6.2	6	20
2	1	1	3	2	1	2	3	2	2	2	3	5	2.2	8	45
3	5	5	6	3	7	5	2	4	10	10	6	9	6	6	35
4	5	5	4	5	5	8	8	9	8	8	10	6	6.8	4	55
5	2	2	1	1	1	2	3	6	7	6	3	1	2.9	8	35
6	4	5	6	8	8	5	5	8	10	10	10	8	7.2	3	50
7	7	8	8	4	7	8	8	9	8	5	8	5	7.1	3	40
8	2	0	1	2	3	7	7	8	5	3	4	4	3.8	8	40
9	1	2	6	3	3	9	7	5	6	6	8	6	5.2	6	50
10	1	1	1	1	2	5	5	5	3	4	5	3	3	8	40
11	5	4	5	5	8	9	6	8	5	8	9	8	6.7	6	10
12	10	2	2	2	2	3	5	6	8	6	3	2	4.2	7	35
13	5	4	6	3	4	6	3	3	4	5	5	5	4.4	6	55
14	9	7	3	5	6	7	7	8	3	2	2	1	5	7	00
15	5	5	6	9	9	9	8	9	7	10	10	10	**8.1**	5	00
16	10	6	7	6	7	8	10	5	6	9	8	10	7.7	6	00
17	8	3	5	10	6	10	9	10	8	9	8	8	7.8	**3**	**35**
18	1	1	1	6	5	10	9	9	8	9	8	5	6	6	25
19	2	2	7	10	9	10	7	10	10	10	10	10	**8.1**	4	10
20	6	6	4	7	8	8	10	6	3	3	7	9	6.4	9	35
21	7	5	2	7	8	9	6	7	10	4	3	2	5.8	6	30
22	7	9	9	9	6	6	9	8	3	4	1	1	6	4	35
23	2	3	2	2	2	3	2	3	8	10	5	1	3.6	8	50
24	5	4	1	1	0	0	2	2	2	1	1	6	**2.1**	10	05
25	2	2	2	9	10	9	10	4	4	3	2	2	4.9	6	30
26	9	9	8	8	7	7	7	6	4	3	2	1	5.9	8	55
27	8	2	9	6	10	5	7	5	4	4	4	2	5.5	7	55
28	5	2	9	2	4	8	9	9	9	9	7	8	6.8	5	35
29	1	1	2	1	5	5	6	6	9	10	4	3	4.4	7	15
30	4	4	3	5	5	7	3	4	3	3	8	4	4.4	**10**	**10**
31	4	3	2	2	4	6	9	4	4	4	6	4	4.3	8	55
Total														214	30
Mean	4.8	**3.9**	4.5	4.9	5.5	**6.6**	6.4	6.2	6	5.9	5.6	5	5.4	6	55

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
13.5	12.5	10.5	8.5	8	7.5	6	4	1	0.5	0.5	0	5.1
8.5	9	12	12	14	**18**	11	7	13	8	.5	2	6.7
7.5	10	5.5	**12.5**	6.5	.5	.5	1.5	2	3	1	.5	3.5
15	11	8	6	2	1	1	1	.5	5	4	2.5	5
14	12	6	8	7.5	5	1	3	1.5	3	1	1	5.2
6	**14**	11	4	.5	0	1	0	1.5	1	1	1	3.5
5.5	**9**	1	1	1	.5	.5	0	2	1	2	4	**2.8**
10	5	5.5	5.5	3	1	1	3	4	5	2	0	3.8
3.5	1.5	6	10	8	7	6	7	3	5	3	1	4.1
9	**9**	8	6	5.5	3.5	7	5	4	3	2	1	4.9
4.5	7.5	4	4	**15**	9	6	6	6	3	4	1	5.9
9	8	6	5	0	1	**11**	6	5	5	3	4	4.8
10.5	7.5	8	3.5	5.5	9	8	7.5	7	5.5	7	4.5	5.6
8	4.5	3.5	3	2	4	5.5	4.5	6	3.5	1	1.5	4.1
7.5	7	9	**10.5**	**10.5**	1.5	5	4	4	2	1	0	4.3
17	9.5	11.5	14	11	4	3	4	5	5	2	3	6
8.5	6	4.5	4.5	2.5	1	2.5	3.5	3	5	3	4	3.9
8.5	3	6	8	7.5	.5	1.5	.5	1	3	2.5	1	3.5
22	**22**	13	21	14	7	9.5	7	3.5	1.5	0	1	7.8
12	6	95	11.5	**12**	3	6	3	.5	1.5	.5	2.5	4.2
10.5	11	**12**	11.5	5.5	.5	5	4	6	2.5	2	6	4.6
14	**14.5**	11.5	11.5	10.5	4.5	2.5	3	4	.5	2	2.5	5.2
13.5	**17.5**	16	11.5	11.5	6.5	1.5	1	0	5	4	2	6.3
21.5	20	20	20	13	5	7	7	5	1	2	4	**8.8**
10	15	**21**	16.5	10	7.5	1.5	2.5	2	.5	2	4	6.7
8.5	8.5	**16.5**	**16.5**	15.5	9.5	5.5	4	3	5	4	2	6.3
14	**16**	15.5	14.5	11	3	2.5	3.5	3	2	1.5	.5	5.7
5.5	13.5	7.5	5.5	7.5	10.5	7	6	6	3	3	1	5.5
5.5	**13.5**	4	7	6.5	3.5	7	5.5	3.5	4	5.5	4.5	4.2
14.5	13	18	**20**	16	13.5	4.5	3.5	0	.5	.5	1.5	7.2
14	8	4	6	11	11	10	5	4	1	2.5	2.5	6
10.7	10.5	9.5	9.6	8.2	5.1	4.7	4	3.5	3	2.3	**2.1**	5.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	2	-----	4	2	2	9	121.5	3.1	-----
2	-----	4	2	-----	-----	-----	-----	-----	-----	-----	1	6	1	-----	2	-----	8	160	3.8	-----
3	-----	3	2	-----	-----	-----	-----	-----	-----	-----	1	4	1	-----	-----	-----	13	83	2.8	-----
4	2	2	2	3	-----	3	2	-----	-----	1	-----	1	-----	-----	-----	1	7	119.5	5.4	-----
5	-----	2	1	4	1	-----	-----	-----	-----	-----	-----	-----	2	3	-----	1	10	126	3	-----
6	-----	1	2	2	1	2	1	3	-----	-----	-----	-----	2	2	1	-----	7	85	2.1	0.3
7	-----	-----	4	2	3	2	-----	-----	-----	-----	1	2	-----	-----	-----	-----	10	67	2.3	1.3
8	-----	-----	2	3	3	-----	1	-----	-----	1	1	3	-----	-----	-----	-----	10	90	2.9	-----
9	-----	-----	-----	-----	2	4	3	-----	-----	1	-----	2	-----	-----	-----	-----	12	98	2.5	3.3
10	-----	-----	-----	2	-----	1	2	1	-----	-----	-----	4	-----	-----	-----	-----	14	118	3.7	-----
11	3	1	-----	-----	2	1	3	-----	-----	-----	1	-----	-----	1	1	2	9	141	2.4	1.3
12	-----	-----	-----	-----	1	5	-----	-----	1	-----	3	2	-----	-----	-----	-----	12	115	3.5	-----
13	-----	-----	1	-----	1	8	1	-----	1	1	1	2	1	-----	-----	-----	7	135.5	4.1	-----
14	1	-----	1	-----	7	-----	1	-----	-----	1	-----	1	2	-----	-----	-----	10	99.5	3.4	-----
15	-----	-----	2	4	2	-----	4	1	-----	-----	-----	3	-----	-----	-----	-----	8	102.5	2.7	1.5
16	-----	2	2	3	1	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12	144.5	3.6	.3
17	-----	1	1	-----	3	2	-----	-----	-----	-----	3	3	1	-----	-----	-----	10	92.5	4.3	3
18	-----	-----	3	-----	-----	2	-----	-----	-----	-----	-----	-----	1	1	1	-----	16	84	2	18
19	5	4	4	-----	-----	-----	-----	-----	-----	-----	1	-----	2	-----	-----	-----	8	186.5	2.3	1
20	-----	-----	2	2	1	2	5	-----	-----	-----	1	1	-----	-----	-----	-----	10	101	2.8	-----
21	2	-----	-----	5	-----	-----	-----	-----	-----	-----	-----	-----	5	1	1	2	8	109.5	2.7	-----
22	3	3	3	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	2	3	7	125.5	1.9	1
23	-----	3	5	6	1	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5	150.5	4.7	-----
24	-----	5	7	6	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	**210**	**6**	-----
25	2	5	3	5	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	161.5	4.1	-----
26	-----	2	3	1	2	2	6	-----	-----	-----	1	-----	-----	2	-----	-----	5	151.5	4.1	-----
27	-----	-----	1	-----	1	10	5	-----	-----	-----	1	-----	-----	-----	-----	-----	6	136	4	-----
28	-----	-----	-----	1	1	11	-----	1	-----	-----	-----	1	1	-----	-----	-----	8	131	3	8.9
29	-----	-----	3	4	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13	102	3.6	-----
30	-----	1	5	-----	3	1	1	-----	-----	-----	-----	1	-----	-----	-----	-----	12	172	4.8	-----
31	2	5	1	-----	1	3	-----	-----	-----	-----	-----	1	1	-----	1	1	8	143	3.8	.3
Total	24	44	62	55	48	67	35	6	2	5	17	39	20	15	11	12	282	3,862.5	105.4	40.2
Mean	0.8	1.4	2	1.8	1.5	2.2	1.1	0.2	**0.1**	0.2	0.5	1.3	0.6	0.5	0.4	0.4	**9.1**	124.6	3.4	1.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	761.15	8.15a.	32.2	3.05p.	92	22.5	**757.70**	3.40p.	23	5.10a.	59.5	19.5
2	**60.85**	9.05a.	31.8	2.50p.	96	23.1	57.95	3.20p.	22.7	6.15a.	62	19
3	62.15	10.05p.	**33.4**	2.40p.	93	**24.1**	58.35	2.35p.	**24.1**	5.50a.	67	**20.6**
4	61.50	10.45p.	31.7	1.20p.	95	**24.1**	58.82	4.00p.	23.4	4.40a.	70	19.5
5	61.80	9.10a.	32.1	2.25p.	97	22.4	58.85	2.15p.	23	5.45a.	60	18.9
6	62.22	10.00a.	31.2	0.35p.	95	22.6	59.75	2.35p.	21.4	4.40a.	69	17.7
7	61.70	9.20a.	31.6	11.35a.	98	23.3	59.45	3.05p.	21.6	4.10a.	69	17.5
8	62.20	10.20a.	31.8	3.30p.	95	23.5	59.71	4.00p.	21.5	5.50a.	67	17.9
9	62.29	9.00a.	30.8	9.55a.	93	23.5	59.65	3.20p.	22.3	4.50a.	64	18.6
10	61.99	9.00a.	32.7	2.55p.	94	21.3	59.25	3.05p.	22.2	6.00a.	54	18
11	61.04	9.00a.	31.8	3.35p.	93	22.3	58.10	2.45p.	21.1	5.20a.	**71**	17
12	61.15	8.40a.	31.7	1.45p.	91	22.6	58.05	2.40p.	23.7	3.30a.	66	18.6
13	61.85	11.00p.	31.9	3.20p.	90	20.8	59.10	2.55p.	23.1	2.35a.	60	16.4
14	62.65	8.45a.	31.2	3.40p.	**86**	21.3	59.80	3.15p.	21.8	11.50p.	64	15.7
15	62.65	9.10a.	31.2	2.40p.	96	22.4	59.39	3.00p.	21	5.45a.	63	16.7
16	62.70	9.30a.	31.5	11.35a.	94	21.8	59.70	3.25p.	22.2	5.05a.	65	18
17	63.20	9.45a.	**30.4**	9.25a.	93	22.7	**60.84**	3.00p.	22	6.05a.	65	18.1
18	63.05	9.35a.	31.2	3.05p.	**99**	22.4	60.15	3.30p.	21.4	5.35a.	65.5	18.2
19	62.25	9.30a.	**30.4**	1.10p.	97	22	59.92	3.00p.	22.8	6.05a.	68	19.8
20	62.60	10.55p.	31.9	3.15p.	92	23.1	59.30	4.05p.	22.7	5.55a.	65	18.3
21	63.40	9.45a.	31.2	1.10p.	92	22.3	60.80	3.50p.	21.7	5.05a.	62	17.9
22	63.20	9.45a.	30.6	3.45p.	92	22.8	60.80	3.05p.	20.9	2.05a.	68.5	16.5
23	63.20	8.45p.	33	0.45p.	90	19.2	60.55	2.45p.	**20**	5.55a.	45	15.7
24	63.45	9.15a.	33.3	0.45p.	87	**19.1**	60.50	2.25p.	21.3	6.10a.	**42**	15.2
25	63.12	9.00a.	31.4	3.20p.	88	19.6	60.75	3.10p.	20.7	5.45a.	56	15.5
26	62.85	8.45a.	32.8	2.20p.	90	21	59.45	2.50p.	20.4	2.40a.	53	**14.9**
27	62.35	9.45a.	32.4	1.10p.	90	22.4	59.28	3.00p.	20.5	3.55a.	60	16.2
28	63.30	9.10a.	32	10.40a.	89	23	60.33	3.00p.	22.9	5.55a.	62	17.4
29	63.25	8.30a.	32.6	1.25p.	90	20.3	60	3.20p.	21.2	6.20a.	58	15.9
30	62.62	9.00a.	32.7	0.50p.	89	21.1	59.25	3.20p.	20.5	2.40a.	53.5	15.5
31	**63.50**	10.05p.	32	1.55p.	87.5	21.5	60.50	2.15p.	20.3	4.05a.	60	15.7
Mean	762.43	--------	31.8	--------	92.4	22.1	759.55	--------	21.9	--------	61.7	17.4

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----☇ NNW, N, NE, ◡ in the evening.
3----☈ NE quadrant in the afternoon; ☇ NW, W in the evening.
4----Cloudy weather.
5----☈° ENE in the afternoon.
6----☈ E with occasional d in the afternoon.
7----☈ E, NNW with occasional ●° in the afternoon.
8----Cloudy weather.
9----⊤ E in the forenoon; ● in the afternoon; convergence of Ci. toward SSE at sunset.
10----Fair weather.
11----●° 11.40 a.; ☈ NE quadrant with occasional d, ⌒ in the afternoon.
12----☈ N quadrant in the afternoon; ☇ N in the evening.
13----Cloudy weather.
14----d° in the afternoon.
15----● 4.25 p.
16----d in the afternoon.
17----d° in the forenoon; ● in the afternoon.
18----●² in the afternoon.
19----d in the morning and afternoon.
20----Cloudy weather.
21----d° at noon.
22----☈ S with near ⊤ and occasional ● in the afternoon.
23----Cloudy weather.
24----Somewhat gusty ENE winds in the afternoon.
25----Cloudy weather.
26----As yesterday.
27----Do.
28----● 12.05 p.; ◡ in the evening.
29----Cloudy weather.
30----◡ in the evening.
31----d 2.30 p.

OBSERVATIONS FOR NOVEMBER, 1914.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	62.60	62.20	61.85	61.90	62.05	62.53	62.98	**63.45**	63.44	63.14	62.72	62.13
2	**62.80**	62.30	61.90	61.85	62	62.24	62.54	62.74	62.73	62.61	62.11	61.44
3	**62**	61.40	61.05	61	60.95	61.25	61.52	61.58	61.53	61.22	60.73	60.29
4	60.75	60.60	60.70	60.75	60.80	61.27	61.60	61.99	**62.13**	61.97	61.43	60.59
5	60.95	60.80	60.70	60.55	60.60	60.88	61.40	61.62	**61.84**	61.79	61.27	60.77
6	60.50	59.95	59.80	59.70	59.90	60.01	60.45	60.94	**61.14**	60.82	60.29	59.77
7	60.15	59.85	59.50	59.60	59.65	60.02	60.27	60.54	60.64	60.62	60.31	59.83
8	60	59.50	59.30	59.30	59.55	59.89	60.05	60.34	**60.53**	60.44	59.78	59.22
9	59.95	59.65	59.40	59.45	59.65	60.14	60.30	60.59	60.65	60.45	60.14	59.49
10	60.40	60	59.95	59.65	60	60.34	60.65	60.90	**60.92**	60.81	60.27	59.61
11	60.35	60.10	59.85	59.85	60.05	60.29	60.65	**60.84**	60.79	60.44	59.74	58.98
12	59.75	59.45	59.10	59.15	59.50	59.99	60.47	60.74	**60.83**	60.62	59.91	59.28
13	60.05	59.75	59.30	59.50	59.80	60.03	60.16	**60.83**	60.82	60.64	60.14	59.48
14	60.10	59.85	59.55	59.55	59.85	60.19	60.69	61.30	**61.52**	61.29	60.77	60.02
15	59.80	59.50	59.15	59.35	59.60	59.85	60.33	60.84	**61.01**	60.62	60.10	59.56
16	60.10	59.50	59.60	59.65	59.60	59.96	60.60	**60.79**	**60.79**	60.44	59.95	59.43
17	59.75	59.20	58.90	58.85	58.90	59.26	60	60.25	**60.57**	60.47	59.85	59.18
18	59.20	58.80	58.45	58.55	58.85	59.32	59.70	60.24	**60.79**	60.50	60.07	59.49
19	60.05	59.95	59.75	59.95	60.25	60.62	61.15	61.39	**61.55**	61.14	60.69	60.07
20	60.50	60.20	60.15	60.20	60.60	60.98	61.35	61.57	**61.89**	61.64	61.18	60.72
21	61	60.75	60.45	60.45	60.75	61.02	61.39	61.82	**61.92**	61.83	61.37	60.63
22	60.60	60.35	60.15	60.20	60.55	60.80	61.45	61.88	**62.09**	61.77	61.02	60.30
23	60.80	60.60	60.40	60.30	60.45	60.72	60.95	61.49	**61.57**	61.41	60.94	60.24
24	60.85	60.65	60.40	60.50	60.65	61.33	61.90	62.18	**62.27**	61.93	61.17	60.55
25	60.40	59.95	59.80	59.70	59.85	59.98	60.50	60.94	61.05	60.94	60.54	59.95
26	61.30	60.90	60.40	60.45	60.85	61.33	61.83	**62.25**	62.23	61.86	60.80	60.38
27	60.90	60.75	60.40	60.55	60.40	60.87	61.34	62.23	62.42	62.01	61.59	61.06
28	**61.65**	60.95	60.70	60.60	60.70	60.94	61.38	61.59	61.62	61.27	60.76	60.28
29	60.15	59.85	59.30	59.25	59.45	59.85	60.32	61.01	61.34	61.02	60.80	60.43
30	61.10	60.65	60.45	60.25	60.35	60.83	61.20	61.68	**61.98**	61.80	61.15	60.37
Mean	60.62	60.26	60.01	60.02	60.20	60.56	60.97	61.35	**61.49**	61.25	60.72	60.12

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.7	**22.5**	**22.5**	23	22.6	22.6	23.3	27.4	29.1	30.7	**31.8**	29.7
2	23.5	23.3	22.8	22.3	22.5	**22.1**	23.6	27.5	29	29.3	29.7	29.9
3	22.8	22.1	21.9	21.8	21.2	**21.1**	22.8	25.5	28.9	28.6	29.2	29.1
4	21.9	21.8	21.4	21.4	21.1	**20.7**	21.6	25.6	27.1	28	29	29.7
5	23.3	22.9	22.9	22.3	22.1	**21.6**	22.5	26.6	28.6	28	29	29.8
6	23.7	23	22.7	22.5	22.3	**21.9**	22.7	27.2	28.2	29.3	30	29.1
7	22.1	22.6	22.8	22.9	22.3	**22**	23.2	26.2	29	29	29.1	29.2
8	23.4	23.3	23.2	22.5	22.4	**22.3**	23.6	26.6	29	29.6	28.8	29.1
9	22.8	22.5	22	21.8	21.3	**21.1**	22	26.7	28.6	29.5	30	30.1
10	24	24	23.7	23	22.7	**22.3**	23	27	29.3	29	29.5	30.5
11	23.9	24.1	23.5	23.3	22.9	**22.8**	23.8	27.6	28.9	30.1	31.2	31.8
12	22.9	22.3	22.5	22.9	22.3	**22.2**	23.4	26.8	28.7	30.3	31.4	30.8
13	23.8	23.6	23.5	22.8	**22.7**	**22.7**	23.4	27	28.6	29.3	28.7	29.2
14	22.8	22.3	22.2	22	22	**21.8**	23	26.2	27.8	27.7	28.9	30
15	23.7	23.1	23.1	23.2	**22.9**	23.1	24.3	26.5	29	29.9	30.8	30.2
16	23.1	22.6	22.1	21.7	21.4	**21.1**	21.7	25.5	28.1	**29.8**	29.3	27.7
17	22.4	22.3	**21.9**	22	22.1	22.6	23.2	24.7	28.5	28.5	29.3	29.2
18	22	21.5	21.1	20.9	20.4	**20.2**	21.2	26	28.9	28.6	29.3	29.7
19	22.2	22	21.2	21	21	**20.6**	22.2	25.6	27.9	28.8	29.1	29.8
20	22.9	22.7	22.4	22.8	22.6	**22.3**	22.8	26.3	28.6	28.6	29.5	30.1
21	25	24.8	24	24	23.4	**23.1**	24	27	29.2	29.3	29.5	30.2
22	23	22.8	22.7	22.3	22.4	**22.1**	23.4	27.2	29	29.2	29.5	**30.7**
23	22.7	22.1	22	21.7	21.5	**21.3**	22.1	25.6	27.8	28.9	29.5	30.2
24	22.8	22.7	22.1	21.9	**21.8**	21.9	22.5	26.6	28.9	29.9	29.3	30.1
25	23.1	22.9	22.3	21.9	21.3	**21.2**	22	25.9	27.9	28.6	29.3	30.2
26	22.2	22.2	22.2	22.1	21.7	**21.3**	22.5	26	28.9	30.4	31.9	**32.2**
27	24.5	23.9	23.5	23.5	23.6	**23.4**	24.1	26.5	27.8	28.2	30.6	29.2
28	24.5	24.2	24	23.4	23.3	23.1	23.5	26.4	29.1	28.8	28.1	28.3
29	21.8	22	21.9	22.5	22	**21.5**	22.7	26.7	27.6	**29.8**	28.8	28.6
30	23.7	23.7	23	22.7	**22.3**	22.5	23	25.5	26	28.4	29.4	**30.2**
Mean	23.1	22.9	22.6	22.4	22.1	**22**	22.9	26.4	28.5	29.1	29.6	29.8

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
61.33	61.07	**60.80**	61.38	61.82	62.06	62.60	62.85	63.40	63.35	63.35	63	**62.42**
60.77	60.26	**59.82**	60.03	60.77	61.25	61.72	62.20	62.70	**62.80**	62.65	62.45	61.86
59.67	59.07	**58.63**	58.71	58.89	59.51	60.11	60.60	60.95	61.15	60.95	60.90	60.57
59.82	59.09	**58.70**	58.90	59.30	59.94	60.48	61.15	61.30	61.40	61.35	61.30	60.72
60.02	59.43	**59.03**	59.29	59.86	60.17	60.66	61.05	61.30	61.35	61.10	60.75	60.72
59.33	58.74	**58.41**	58.66	58.79	59.22	59.97	60.60	60.85	60.70	60.90	60.45	60
59.27	**58.62**	58.63	58.80	59.10	59.53	59.92	60.45	60.80	**60.85**	60.70	60.45	59.92
58.56	**58.24**	58.42	**58.24**	58.63	59.16	59.65	60.20	60.35	60.50	60.40	60.25	59.60
58.92	58.58	**58.53**	58.98	59.37	59.96	60.37	60.90	61.25	**61.30**	**61.30**	60.90	60.01
58.84	58.22	**58.10**	58.63	59.33	59.69	60.29	60.65	60.90	60.90	60.80	60.65	60.02
58.32	57.77	**57.56**	57.70	58.28	58.99	59.57	60.20	60.40	60.45	60.45	60.20	59.66
58.77	**58.01**	58.16	58.43	58.84	59.31	59.71	60.40	60.60	60.55	60.45	60.45	59.69
58.61	58.32	**58.06**	58.48	59.02	59.51	60.02	60.60	60.70	60.80	60.55	60.40	59.82
58.87	58.32	**57.99**	58.26	58.83	59.07	59.57	60	60.25	60.30	60.30	60.20	59.86
58.58	58.43	**58.12**	58.22	58.65	59.12	59.75	60.15	60.85	60.85	60.70	60.45	59.73
58.67	57.76	57.62	**57.57**	58.19	58.68	59.19	59.85	60	60	60.05	59.95	59.50
58.32	57.76	**57.61**	57.94	58.20	58.72	59.08	59.45	59.85	60	59.85	59.70	**59.24**
58.62	58.09	**57.84**	57.94	58.19	58.87	59.52	60.05	60.40	60.60	60.40	60.35	59.37
59.17	58.57	**58.31**	58.47	58.79	59.24	59.77	60.25	60.70	60.80	60.90	60.65	60.09
59.83	59.22	58.80	**58.76**	59.08	59.47	60.17	60.50	60.90	60.85	60.95	61.10	60.44
60.08	59.24	59.23	**59.20**	59.23	59.64	60.05	60.40	60.75	60.90	60.85	60.80	60.57
59.86	59.26	**58.83**	58.96	59.33	59.83	60.40	60.85	61.30	61.25	61.20	61.20	60.56
59.66	58.81	**58.60**	58.85	59.19	59.81	60.44	61.05	61.40	61.45	61.10	60.95	60.47
59.69	58.62	**58.28**	58.37	58.77	59.08	59.72	60.20	60.70	60.95	60.95	60.80	60.44
59.04	**58.50**	58.51	58.87	59.42	60.12	60.94	61.50	**61.75**	**61.75**	61.65	61.50	60.30
59.62	**58.97**	59.17	59.46	59.84	60.32	60.89	61.35	61.55	61.75	61.70	61.45	60.86
60.07	**59.71**	60.07	59.94	60.41	60.88	**62.43**	62.10	62.25	61.95	61.95	61.85	61.17
59.52	58.99	**58.77**	58.88	59.15	59.89	60.20	60.90	60.90	60.80	60.60	60.40	60.48
59.97	59.37	**59.18**	59.34	59.63	60.20	60.75	61.25	61.40	61.50	**61.90**	61.10	60.35
59.78	59.55	**59.27**	59.43	60.20	60.42	60.62	61.15	61.30	61.50	61.30	61.35	60.74
59.39	58.82	**58.64**	58.82	59.24	59.72	60.29	60.76	61.06	61.11	61.04	60.86	60.31

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30	30.6	31.7	28.7	27.2	26.3	25.3	24.7	24.6	23.9	23.7	23.2	26.2
30.8	30.6	29.9	29.4	28.2	26.6	25.7	24.8	24.3	24	23.5	23.1	26.1
30.4	30.3	**31.2**	30.5	28.4	27.1	25.7	24.9	24.1	23.5	23.5	22.9	25.7
30.3	31.1	**31.8**	30.8	28.3	26.4	26	25.6	24.8	24.1	23.9	24	25.7
30.3	30.3	30.5	**30.7**	28.4	25.5	25	25.1	25.1	24.9	24.4	24.3	26
29.3	**30.5**	29.9	30.2	28.2	26.7	25.5	24.6	23.9	23.2	22.8	22.4	25.8
30.6	30.3	29.8	29.9	27.9	26.4	25.6	25.1	24.8	24.4	24.4	23.8	26
30.2	29	28.8	29.6	27.4	25.8	25.2	24.9	24.4	23.9	23.5	23	25.8
30.5	31.4	**32.1**	31.3	28.7	26.5	26	25.2	24.9	25	25.3	24.4	26.2
30.9	**31.4**	**31.4**	30.2	28	26.1	25.2	25.1	24.2	24.3	24.4	23.5	26.4
32.4	32.2	31.8	30.4	28	26.8	25.9	24.9	24.4	23.6	23.7	23.2	**26.7**
31.8	31.2	29.2	29.4	27.5	26.5	25.5	25.4	24.7	24.7	24.6	24.6	26.3
30	31.2	**31.7**	30.4	27.9	26.2	25.2	24.8	23.8	23.2	23	23	26.1
30.8	30.4	**32**	30	28.2	27.1	26.5	25.5	25.4	24.8	24.1	24	26.1
30.1	29.3	**31**	30.1	28.2	27	26.1	26	25.7	25	24.2	23.9	26.5
28.8	29.3	25.9	27.8	25.2	24.8	24.6	24	23.9	23.4	23.2	22.9	**24.9**
30.1	30.3	**30.7**	28	27.4	25.8	24.9	24.3	23.9	23.6	22.9	22.6	25.5
30.5	31.2	**31.7**	30.6	28.2	26	25.2	24.9	23.8	24.2	23.2	22.9	25.5
30.9	31	**31.9**	30.8	28.4	27.2	26.3	25.3	25.1	24.9	24.3	23.5	25.9
30.2	31.1	**31.9**	31.3	29.1	27.4	26.8	26.3	26.4	25.8	25.1	24.9	26.6
28.4	29.2	**31.2**	30.8	28.8	26.8	25.9	25.2	24.5	24.1	23.9	23.7	26.5
30.1	29.5	29	29.3	27.6	25.8	24.8	24.7	24.2	23.8	23.5	23	25.8
29.4	**32**	**32**	30.7	28.5	26.5	25.6	25.3	24.7	23.9	23.7	23.3	25.9
30.3	**31**	**31**	30.5	28.1	27.2	26.6	26	26	25.2	25	24.4	26.3
30.7	**32**	31.9	31	28.5	27.3	25.3	24.9	24	23.7	23.7	23.2	26
31.7	31.3	30.4	29.7	28.3	27.4	26.9	26	25.3	25.4	25.1	24.7	26.5
31.2	27.8	26.1	24.8	24	24.5	24.7	24.4	24.4	24.3	24.8	24.7	25.6
29.3	**29.5**	27.8	28	26.7	25	24.4	24.9	23.9	23.1	22.7	**22.2**	25.6
28.7	28.1	29	27.8	27	25.9	25.1	25.4	24.8	24.1	24.3	23.7	25.4
29.3	28.4	27.9	26.7	25.7	24.7	24.4	24.7	24.5	24.9	24.7	24.7	25.5
30.3	**30.4**	**30.4**	29.6	27.7	26.3	25.5	25.1	24.6	24.2	24	23.6	26

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	87	89	89	89	90	89	90	73	68	61	**58**	64
2	89	90	90	**94**	90	**94**	90.5	76	68	68	67	64
3	89	91	90	**92**	91	**92**	89	76	65	66	66	65
4	92	90	90	88	92	**92.5**	90	77	73	71	64	66
5	91	92	92	**95**	94	93	90	76	66	69	66	64
6	91	92	92	**94**	93	**94**	**94**	74	70	69	65	65.5
7	88	89	85	87	89	**92**	90	78	**67.5**	70	74	74
8	89	88	90	**93**	92	**93**	92	80	70	71	69	**65.5**
9	89	91	91	90	**92**	**92**	91	77	66	68	62	62
10	88	90	91	**93**	92	92	93	81	70	71	69	66.5
11	82	82	88	**90**	**90**	89	88	73	67	62	52	55
12	83	88	89	88	**91**	88	90	73	71	62.5	**53**	62
13	91	91	91	**94**	93	**94**	90	79	71	69	71	63
14	85	87	**88**	**88**	**88**	**88**	**88**	76	70.5	73	69	65
15	85	89	88	88	89	**90**	89	77	67.5	**62**	63	64
16	88	89	89	89	90	88	90	76	66	**61.5**	66	73
17	91	92	92	92	**94**	92	91	86	74	74	72	69
18	90	**91**	90	**91**	90	90	**91**	76	65	64	64	60
19	85	84	84	85	86	**87**	83	77	69	65	62	61
20	88	**89**	88.5	86	85	88	88	78	67	66	65	65
21	87.5	87	89	89	**92**	**92**	91	77	70	70	68	**62**
22	84	86	87	**90**	**90**	**90**	88	73	65	64	64	61
23	83	88	88	88	88	89	**90**	79	67	64	60	58
24	87	88	**91**	90	90	90	89	75	69	68	69	63
25	91	93	**95**	92	93	93	94	77	69	66	65	59
26	88	88	89	91	91	**93**	**93**	77	69	59	50	50.5
27	87	89	90	89	91	93	92	80	76	77	**68**	76
28	**99**	98	96	97	96	95	96	87	71	67	74	68
29	90	90	**91**	88	90	88	**91**	71	66	**58**	66	60.5
30	80	79	81	80	80	79	79	84	84	72.5	74.5	**72**
Mean	87.9	89	89.5	90	90.4	**90.6**	90	77.3	69.2	67	65.2	64.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**17.8**	17.9	18.1	18.5	18.4	18	19	19.7	20.2	20	20.2	19.8
2	19.1	19	18.6	18.8	18.3	18.5	19.6	**20.6**	20.3	20.5	**20.6**	20.1
3	18.3	18	17.6	17.8	**17**	17.1	18.3	18.4	19.2	19.1	19.9	19.4
4	17.9	17.5	17	**16.7**	17.1	16.8	17.3	18.7	19.5	19.9	19.1	20.4
5	19.4	19.1	19.1	18.9	18.5	**17.8**	18.3	19.6	19.3	19.3	19.7	19.9
6	19.7	19.2	18.9	19	18.6	18.3	19.2	19.8	20	20.9	20.5	19.6
7	**17.5**	18	17.6	18	17.9	18	19.1	19.7	20	20.8	22	22.2
8	19	18.7	18.9	18.8	**18.5**	18.6	19.9	20.6	20.8	21.9	20.2	19.6
9	18.5	18.4	17.9	17.5	17.3	**17.1**	17.9	20.1	19.3	20.8	19.7	19.6
10	19.5	19.9	19.9	19.4	18.9	18.4	19.4	**21.5**	21.3	21.2	21.2	**21.5**
11	18.1	18.4	18.9	19.2	18.7	18.3	19.3	**20**	19.7	19.8	17.7	19.1
12	**17.3**	17.7	17.9	18.2	18.2	17.6	19.3	19.1	20.6	20	18	20.5
13	19.8	19.8	19.6	19.3	19	19.2	19.3	**20.9**	20.7	**20.9**	**20.9**	19
14	17.6	17.4	17.4	17.2	17.2	**17.1**	18.3	19.3	19.6	20.3	20.3	20.6
15	18.6	18.6	**18.4**	18.6	**18.4**	19	20.1	19.9	20	19.4	20.8	20.3
16	18.4	18	17.6	17.2	17	**16.4**	17.4	18.4	18.7	19.2	19.9	20.1
17	18.3	18.4	**17.9**	18	18.5	18.7	19.3	19.8	21.4	21.4	**21.9**	20.7
18	17.7	17.3	16.7	16.7	16	**15.8**	17	19	19.2	18.7	19.3	18.7
19	16.9	16.5	15.8	15.8	16	**15.7**	16.6	18.7	19.4	19.2	18.7	19
20	18.2	18.2	17.8	17.7	**17.3**	17.5	18.1	19.8	19.5	19.3	20	20.8
21	20.6	20.3	19.7	19.7	19.7	19.4	20.1	20.3	21.1	21.1	20.8	19.7
22	17.6	17.7	17.8	18.1	18.2	17.8	18.8	19.4	19.5	19.1	19.7	**20**
23	17.1	17.3	17.2	17	**16.8**	**16.8**	17.8	19.3	18.5	18.9	18.4	18.5
24	17.9	18	18	17.6	**17.5**	17.6	18.1	19.4	20.3	21.3	20.9	20
25	19.1	19.3	18.9	17.9	17.4	17.3	18.4	19.1	19.4	19.3	19.7	18.8
26	17.4	17.6	17.8	18	17.5	17.4	18.8	19.2	**20.3**	19	17.7	18.1
27	19.8	19.6	19.5	**19.1**	19.8	19.9	20.6	20.6	21	21.7	22.1	23
28	**22.7**	22.1	21.2	20.8	20.3	19.9	20.6	22.3	21.4	19.8	21	19.5
29	17.5	17.7	17.8	17.7	17.7	**16.8**	18.7	18.6	18.1	18.2	19.4	17.6
30	17.4	17.2	16.9	16.4	**16**	**16**	16.4	20.3	21	20.8	22.6	**23**
Mean	18.5	18.4	18.2	18.1	17.9	**17.8**	18.7	19.7	20	20.1	20.1	20

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
65	62	**58**	69	78	79	85	87	86	**91**	89	90	78.6
62	**58.5**	59	59	66	71	72	81	85	86	86	86	77.2
61	**60**	61	61	69	70	75	75.5	78	81	86	89	76.6
62	62	**61**	62	72	76	81	81	86	91	90	87	79
62	65	**58**	65	73	84	86	88	89	91	91	88	80.3
65	65	64	**62**	70	80	84	82.5	83	86	88	85	79.5
69	68	72	71	77	85	88	86	87	86	85	87	81
68	71	79	76	74	88	88	88	88	91	90	91	82.7
61	62	**58**	59	71	76.5	78.5	83	87	87.5	84	87	77.7
64	**57**	60	64	58	68	69	71	77	77	76	80	75.7
44	46	**44**	49	58	66	67	75.5	77	80.5	80	83	**70.3**
59	59	68	69	77	78	83	82	87	87	88	87	77.6
65	57	**53**	55	63	71	76	79	84	86	87	88	77.5
62	63	63	65	76	80	80	81	82	83	85	86	78
64	69	67	66	69	70	76	77	80	83	86	86	76.9
69	66	87	78	89	92	92	**95**	90	90	91	90	83.1
63	**62**	64	69.5	71	81	86	87	86	88	89.5	90	81.5
60	61	**54**	57	63	75.5	74	74	79	76	82	82	75
57	58	**55**	60	70	71	76	80	80	79	82	84	74.2
64	63	62	**61**	69.5	76	79	81	80	81	84	87	76.7
75	70	62.5	66	73	80	78	73	78	81	81	81	78
60	64	63.5	65	71	75	75	79	80	81	82	83	75.9
63	**54**	57	59	69	76.5	82	80	83	89	88	89	76.3
63	**61**	**61**	66	76	81	82	86	86	88	**91**	87	79
57	58	59	**52**	62	63	70	72	79	82	85	86	75.5
52	**48**	55	53	62	66	71	77	81	78	81	86	72.9
71	88	89	90	96	96	95	97	97	97	97.5	**99**	**88.4**
70	65	67	**61**	67	78	82	81	86	88	89	88	81.9
72	77	73	81	83	81	84	80	81	82	81	81	79.4
72	76	82	86	88	94	96	96	**97**	96	**97**	96	84.2
63.4	**63.2**	63.9	65.2	72	77.6	80.4	81.8	84	85.4	86.4	87	78.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
20.5	20.1	20.2	20.1	**20.8**	20.2	20.4	20.2	19.7	20	19.3	19.1	19.5
20.5	19.1	18.5	18.1	18.8	18.3	**17.7**	18.8	19.1	19	18.5	18.1	19.1
19.8	19.2	**20.5**	19.7	19.9	18.7	18.5	17.7	17.5	17.5	18.5	18.4	18.6
19.9	20.7	**21.4**	20.4	20.7	19.6	20.2	19.8	19.9	20.2	19.8	19.3	19.2
19.9	20.8	19	**21.2**	21	20.5	20.2	20.9	21.1	**21.2**	20.8	19.9	19.8
19.7	**21**	20.1	19.9	20	20.9	20.3	18.9	18.3	18.2	18.1	**17.1**	19.4
22.6	21.7	22.4	22.2	21.4	21.7	21.4	20.4	20.2	19.4	19.3	19.1	20.1
21.6	21.1	**23.3**	**23.3**	20.1	21.6	21.1	20.6	20	20	19.3	19	20.3
19.7	**21.2**	20.8	20.1	20.6	19.7	19.6	19.9	20.3	20.6	20.2	19.7	19.4
21.1	19.6	20.6	20.3	**16.3**	17.1	16.4	16.8	17.2	17.3	17.3	17.3	19.1
16	16.5	**15.3**	15.8	16.3	17.2	16.7	17.7	17.5	17.4	17.4	17.5	**17.9**
20.7	19.9	20.3	**21**	**21**	20	20.1	19.8	20.2	20.2	20.3	20.1	19.5
20.6	19.3	18.4	17.9	**17.5**	18	18.1	18.5	18.4	18.2	18.1	18.3	19.2
20.4	20.2	**22.3**	20.6	21.6	21.2	20.6	19.7	19.8	19.2	18.9	19	19.4
20.4	20.9	**22.5**	21	19.6	18.6	19	19.2	19.6	19.4	19.2	19	19.6
20.2	19.9	**21.6**	**21.6**	21.2	21.3	21.1	21	19.8	19.3	19.3	18.7	19.3
20	19.9	21	19.5	19.3	20.1	20.1	19.7	18.9	19	18.6	18.4	19.5
19.4	**20.5**	18.6	18.5	18.1	18.8	17.7	17.3	17.3	17	17.3	17	**17.9**
18.9	19.4	19.3	20	**20.3**	19.1	19.2	19.3	18.9	18.6	18.4	18	18.2
20.3	21.2	**21.8**	20.9	20.8	20.5	20.6	20.5	20.5	19.9	20	20.3	19.6
21.6	21.1	21.1	**21.8**	21.6	20.8	19.5	**17.3**	17.8	18	17.9	17.5	19.9
19	19.7	18.9	19.7	19.6	18.4	17.6	18.2	17.9	17.6	17.7	**17.3**	18.6
19.2	19.2	**20.2**	19.2	20	19.7	20	19.3	19.3	19.6	19.1	18.9	18.6
20.3	20.2	20.2	21.4	21.4	**21.6**	21.1	21.5	21.5	21.1	21.3	19.7	19.9
18.8	20.6	**20.7**	17.5	17.9	17.1	16.9	**16.8**	17.5	17.9	18.6	18.2	18.5
18	16.5	17.6	**16.4**	17.8	17.8	18.6	19.2	19.5	18.8	19.2	19.8	18.2
23.9	**24.3**	22.2	20.9	21.2	21.9	21.9	22.1	22.1	22	22.6	22.9	**21.4**
21.3	20	18.7	**17.2**	17.3	18.3	18.5	19	18.9	18.4	18.3	17.6	19.8
21	21.6	21.6	**22.4**	22.1	20	20	19.2	18.8	18.4	18.2	17.7	19
21.7	21.9	**23**	22.3	21.7	21.8	21.7	22.2	22	22.4	22.3	22.2	20.4
20.2	20.2	**20.4**	20	19.9	19.7	19.5	19.4	19.3	19.2	19.1	18.8	19.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	S.-Cu.	A.-Cu. E	S.-Cu. E	A.-Cu. E	Cu. E	----------	Cu. ENE	----------	N.-cf.
2	----------	Cu.	----------	Cu.	----------	Fr.-Cu.	----------	Cu. E	----------	Cu. E
3	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.
4	Ci.	Cu.	----------	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
6	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N.
7	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.-N. E
8	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.
9	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.	----------	Cu.
10	----------	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
11	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.
12	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
13	----------	Cu.	----------	Cu. SE	----------	Fr.-Cu. SE	----------	Cu. SE	----------	Cu.
14	----------	Cu.	Ci.-Cu.	Cu. E	Ci.-S.	Cu. E	----------	Cu E	----------	Cu.
15	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu. E	----------	Cu. E	----------	Cu E	----------	Cu.-N.
16	----------	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.	----------	Cu. E	----------	N.
17	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
18	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.
19	Ci.	----------	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
20	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
21	----------	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.-N.
22	Ci.	S.-Cu.	----------	S.-Cu. NEbyE	----------	Cu.	----------	Cu. NEbyE	----------	Cu. NEbyE
23	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
24	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
25	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
26	Ci.	Cu.	Ci.	Cu	----------	Cu.	----------	Cu.	----------	Cu.
27	Ci.-S.	Cu.	Ci.-S.	Cu ESE	----------	N.-cf. ESE	----------	Cu.-N.	Ci.-S.	Cu.
28	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E
29	Ci.-S.	Cu.	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Fr.-N. E	----------	Fr.-N.
30	A.-Cu.	S.-Cu.	Ci.	S.-Cu. E	Ci.	Cu.-N. E	A.-Cu.	Cu. E	Ci.	Cu.-N.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	N.-cf. E	----------	N.-cf. ENE	----------	Cu. ENE	A.-Cu.	Cu.	A.-Cu.	Cu.
2	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.-S.	Cu.
3	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
4	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu.	Cu.-N.	Ci.-S.	Cu.-N.
6	Ci.-S.	Cu. E	----------	Cu. E	A.-Cu. EbyS	Cu. E	----------	Cu.	Ci.	Cu. E
7	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu.
8	A.-Cu.	N.-cf. ENE	----------	Cu.-N.	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
9	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.-Cu.	Cu.
10	----------	Fr.-Cu. E	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.
11	----------	Cu.	----------	Cu.	----------	Fr.-Cu.	----------	Cu.	----------	Cu.
12	----------	Cu. E	----------	Cu. E	Ci.-S.	Cu. E	----------	Cu. E	Ci.-S.	S.-Cu.
13	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	Cu.	----------	Cu.
14	----------	Cu. E	----------	Cu. E	A.-Cu. ESE	Cu. E	----------	S.-Cu.	----------	S.-Cu.
15	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu.
16	----------	Cu.-N.	----------	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E
17	----------	Cu. E	----------	Cu. E	----------	N.-cf.	----------	Cu.-N. E	----------	Cu.
18	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.
19	----------	Cu. EbyS	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.-S.	Cu.
21	----------	Cu.-N.	----------	Cu.-N.	----------	Cu. E	----------	Cu. E	----------	Cu.
22	----------	Cu.-N. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.	----------	Cu.
23	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
24	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
25	----------	Cu.	----------	Cu.	----------	Cu. NE	----------	Cu. NE	Ci.	Cu.
26	Ci.-S. SE	Cu. E	A.-Cu. EbyS	Cu. E	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
27	Ci.-S.	Cu. EbyS	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N.	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf.
28	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	Ci.	Cu.	----------	Cu. E
29	----------	Cu.-N.	----------	Cu.-N.	A.-Cu.	Cu.-N E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N.
30	----------	Cu.-N.	----------	Cu. E	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 3.5	NE 4.5	ENE 1	ESE 0.5
2	NE 2.5	NNE 0.5	N 0.5	NW 0.5	N 0.5	Calm	Calm	Calm	SSE .5	Calm	W 1	WbyN 2.5
3	Calm	Calm	Calm	NE 2	NE 1	Calm	Calm	Calm	Calm	WSW 1.5	W 2.5	WbyS 3.5
4	NNE .5	NE 1.5	NE 1.5	NNE 2	N 1	NE 1	NE 1	Calm	W 2.5	WSW 3	W 1.5	WSW 3
5	Calm	Calm	Calm	ENE .5	N 1	NE 1.5	NNE 1.5	Calm	SW 1.5	WNW 3	WNW 3	W 5
6	E 1	Calm	ENE .5	Calm	Calm	NE 1	Calm	Calm	NNE 1.5	W 2.5	NW 3.5	W 1.5
7	Calm	N 1	N 1.5	NE 1	Calm	Calm	Calm	W 0.5	Calm	WNW 4.5	WNW 1	W 3
8	NE 1.5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW .5	WSW 3.5	WSW 3
9	E .5	NE 1	NNE .5	N .5	Calm	NE 1	Calm	Calm	SSW 1.5	WSW 3	W 3.5	W 2.5
10	Calm	Calm	Calm	Calm	NE .5	Calm	NNE 1	Calm	SW 1.5	WNW 2.5	WNW 2.5	WSW 3.5
11	NE .5	NNE 1	Calm	Calm	NE .5	NE 1	NE 1.5	NNE 1.5	N 3	N 2	NNE 3.5	N 2.5
12	NE 1.5	Calm	Calm	Calm	NE .5	Calm	NNE 1	NNW .5	swbyw 1	SE 1	ESE 4	WSW .5
13	Calm	N 1	NNE .5	Calm	Calm	Calm	Calm	Calm	WSW 1.5	WSW .5	WbyS 5	WbyS 3.5
14	NE 1	Calm	Calm	N 1	N 1	Calm	Calm	Calm	Calm	W 2	WSW 2	W 3.5
15	Calm	Calm	Calm	ENE .5	ENE .5	ENE .5	ENE .5	Calm	N 1	N 1	WNW 2	W 3.5
16	Calm	Calm	Calm	NNE .5	NE .5	NE 1	NE 1	ENE 1.5	N 2	NNE 1.5	S 3.5	WNW 1.5
17	Calm	Calm	Calm	Calm	Calm	Calm	NE 1.5	NE 1	E 1	WSW 2	WSW 4	WSW 3.5
18	Calm	Calm	Calm	ENE 1	NE 1.5	Calm	ENE 1.	Calm	Calm	WSW 4	WbyS 4	WSW 3
19	ESE .5	NNE .5	NNE .5	NNE 1	NE 1	NE 1	N 1	N 2	NNW 1.5	W 2.5	W 2	W 3
20	Calm	N 1	NE .5	N 1.5	N 2	NNE 1	Calm	Calm	SW 1.5	W 2.5	WSW 2.5	W 5
21	NE 1	NNE .5	Calm	NE .5	Calm	Calm	Calm	Calm	ENE 1	WSW 2	W 3	W 3.5
22	Calm	Calm	Calm	Calm	Calm	ENE 1	NNE 1.5	NNE 1.5	NNW 1	W 1.5	WSW 2	WSW 2.5
23	ENE 1	NE .5	NE .5	NNE .5	ENE .5	Calm	Calm	NNE 1	NW 1	SW 2.5	WSW 3.5	WSW 3.5
24	NNE .5	NNE 1	NNE 1.5	NE 1.5	NNE .5	N 1	NE 1	NNE 2	E 1.5	WSW 2.5	W 4.5	W 5
25	Calm	Calm	ESE .5	NE .5	NE .5	Calm	Calm	Calm	WNW 3	W 3	W 4.5	W 4.5
26	NNE .5	NNE 1.5	NNE 1	NNE 1.5	NE .5	Calm	Calm	NNE .5	Calm	Calm	NE 1	ENE 2
27	NNE 1.5	NE .5	Calm	N 1.5	NE .5	Calm	Calm	NNE .5	Calm	NW 4.5	NW 2.5	NNW 6.5
28	Calm	N 1.5	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	N 1	NE 1	ENE 2
29	ENE .5	Calm	NW 1	NNW 1.5	ENE 2	E .5	Calm	Calm	Calm	N .5	NW .5	NE 3.5
30	NE .5	NNE .5	Calm	Calm	Calm	NE 1	Calm	N 1	ENE .5	NE 1.5	SE 2.5	ESE 1.5
Mean	0.5	0.5	0.4	0.6	0.6	0.4	0.4	0.4	1.1	2.1	2.7	3.1

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	Calm	E 2.5	EbyN 2	ENE 2	Calm	Calm	NE 0.5	Calm	NE 0.5	Calm	NE 0.5	Calm	0.7
2	WSW 3	Calm	SE 2	E 3.5	Calm	ENE 1	Calm	ESE 1.5	NE 1	NE 1	N 1	NW 1	1
3	W 2.5	W 1	Calm	SEbyE 4.5	SE 1	SEbyE 1.5	ESE 1.5	ESE .5	Calm	ESE 2	ESE 1	Calm	1.1
4	WSW 2.5	WSW 1	SE 1	SE 1	Calm	ESE 2	SE 2	SE 2	NE .5	Calm	Calm	N 1	1.3
5	WbyN 5.5	W 4.5	WbyN 3	WSW 1.5	NE 1	EbyS 3	Calm	E 1.5	ESE 1.5	E 1	N 1	NNW 1.5	1.8
6	SW 1	Calm	ESE 1	SE 4.5	ENE 2	NNE 1	NE .5	Calm	Calm	Calm	Calm	Calm	.9
7	WNW 2.5	SSW 1	E 2.5	E 1	NNE 1.5	Calm	Calm	Calm	Calm	N 1	N 1	NE 1.5	1
8	WSW 3	Calm	Calm	E 5	E .5	Calm	Calm	NNE 1	NE .5	NNE .5	Calm	Calm	.8
9	W 2.5	W 1.5	WSW 1	SSW 1	Calm	Calm	SE .5	SE 1	Calm	Calm	Calm	Calm	.9
10	WSW 2	WSW 2.5	WSW 3.5	Calm	NNE 1	NE 1	ENE 1.5	ENE .5	ENE .5	ENE 1.5	Calm	Calm	1.1
11	E 4.5	E 3	ENE 4.5	ENE 5.5	ENE 1.5	NE 3	NNE 3.5	NNE 1	NE 1.5	ENE .5	NE 3	NNE 1	2.1
12	ESE 3.5	ESE 3.5	ENE 5.5	NE 2	NE 1	ENE 1.5	Calm	SE 1.5	Calm	Calm	NNE .5	N 1	1.2
13	WNW 1.5	ESE 5	SE 6	ESE 5	ESE .5	ESE 1	NE .5	NE .5	Calm	Calm	Calm	N .5	1.4
14	WSW 2.5	NW 3	SE 3	NNE 2	NE .5	Calm	E .5	E .5	Calm	Calm	Calm	Calm	.9
15	WNW 5.5	WNW 3.5	W 2.5	WNW 3	NE 2	Calm	E 1.5	E .5	E 1	Calm	Calm	Calm	1.2
16	NE 1.5	N 2.5	Calm	SW 1.5	SSE 3	Calm	Calm	Calm	NNE 1	NNE .5	NNE .5	ENE .5	1
17	W 3	W 2.5	W 2.5	NNE 3	Calm	NE .5	Calm	ENE .5	E 1	NE 1.5	Calm	Calm	1.1
18	WSW 3	WSW 2.5	SE 3.5	ESE 5	ESE 4	ESE .5	ESE 1	E 1	E 1.5	ESE 1.5	NE .5	NE .5	1.6
19	WSW 4.5	WSW 4	SE 5.5	SE 5.5	SE 2.5	SE 5	E .5	ESE 2	SE 2.5	ESE 2	NE 1	Calm	2.1
20	WNW 3	W 3.5	W 1	SE .5	SE .5	SE 1	SE 1	ESE 2.5	SE 2	SE 1.5	ENE .5	NNE 1	1.5
21	Calm	Calm	ESE 4	SE 3	SE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
22	WbyN 2.5	WSW 2	W .5	SE 3	Calm	EbyN .5	E 1.5	ESE 2	E 1	E 1.5	ENE 1	ENE 1	1.1
23	WSW 1.5	ESE 3	ESE 3.5	ESE 4.5	ESE 8	Calm	Calm	ESE 2	SE 1.5	Calm	ESE 1	NE 1	1.5
24	WbyS 5.5	WSW 3.5	WSW 4.5	WSW 2	Calm	SE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	1.7
25	W 3	WSW 1.5	Calm	ESE 2	E 2.5	ENE 1	Calm	E 2	E 1	E 1	E 1.5	N 1.5	1.4
26	E 1	NEbyN 6.5	NNE 3	NE 5.5	N 1	NEbyN 4.5	NEbyE 3	ENE .5	Calm	NNE .5	NE 1	NNE 1	1.5
27	N 2.5	W 3.5	N 3.5	N 10	W 2.5	Calm	E 1.5	S .5	Calm	Calm	Calm	Calm	1.8
28	SE 2.5	ENE 4.5	E 7	E 6	E 2.5	ENE 1.5	N 1	NEbyE .5	Calm	N .5	N 1.5	NNE .5	1.4
29	S 2	Calm	Calm	Calm	Calm	Calm	NNE 1	Calm	Calm	Calm	E 1.5	NNE .5	.6
30	NW 4.5	ESE 1	WNW 1.5	WNW 2	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
Mean	2.7	2.4	2.6	3.2	1.2	1.1	0.8	0.8	0.6	0.6	0.6	0.5	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	2	1	0	2	3	2.5	3.5	2	13	13	9
2	4	1.5	.5	1	2.5	2.5	2.5	2.5	2	3	10	14
3	0	0	1	4	3	2	2	4.5	1.5	5	12.5	12
4	.5	2.5	4.5	5	3.5	2.5	1.5	1	2.5	6.5	11.5	11
5	1	0	1.5	1	1.5	4	3	2	3	11	16	14
6	3.5	2	1.5	1.5	1	2.5	2.5	0	2.5	6.5	13.5	14
7	1	1	4.5	4.5	1	1	2.5	6	2.5	7	15.5	13
8	4.5	3	1	0	0	.5	.5	3	3.5	5	12.5	11
9	2	3	3	2	2	2.5	3.5	0	3.5	6.5	9	12
10	0	0	.5	.5	2	2	2.5	3	3	8.5	14	13
11	2	5.5	3	1.5	3	5	4	5.5	8.5	7	8	12
12	4.5	5	.5	0	0	.5	.5	.5	2	3	8.5	10.5
13	1	2	3.5	1	0	1	2	0	4.5	7.5	14.5	16
14	2.5	.5	.5	1	3	2	2	1	1	5.5	9	10
15	.5	1.5	3	4	2.5	2.5	1	2	6	6	6	11.5
16	1	.5	.5	1.5	3	3	3	2	8	8	5	8.5
17	1.5	0	.5	2	.5	0	1.5	3.5	.5	5	13.5	12.5
18	1	1	.5	3	2.5	4.5	4	1	1	4.5	14	12
19	2.5	2.5	1.5	1	4	4	6.5	8	6	6.5	15.5	14
20	.5	2	2.5	4	5	7.5	4	1	2	8.5	8.5	11.5
21	4.5	3.5	2	2.5	2	1	.5	3.5	2	5	13.5	9
22	2.5	.5	2	1	1	2	1.5	4.5	7	6.5	12.5	9.5
23	4	3	3.5	2.5	2	2.5	2	4.5	4	4	11.5	12
24	4.5	3.5	4.5	4.5	3.5	3	4.5	1	4	3	15	15
25	.5	0	1.5	3	3	3	2	0	4	6.5	15.5	12.5
26	2.5	3.5	4.5	4.5	2.5	.5	.5	5	6.5	3.5	8.5	17
27	4.5	4	1.5	3	2.5	3	.5	3.5	4	5.5	12.5	15
28	0	2	2	0	1	1	1	1.5	2	9.5	9	11
29	.5	1.5	1	5	5	6	2	0	2.5	2.5	5	8.5
30	3	3.5	2.5	1.5	.5	0	1	2	2	1.5	4	5.5
Mean	2	2	2	2.2	2.2	2.5	2.2	2.5	3.4	6	11.2	11.9

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	m.
1	7	4	5	5	8	8	5	7	6	5	6	5	5.9	7	10
2	1	1	0	1	3	2	5	5	5	6	4	3	3	8	20
3	3	1	1	2	3	2	4	4	3	4	2	3	2.7	9	55
4	1	1	2	2	2	2	1	1	1	0	1	2	1.3	10	25
5	2	1	1	2	3	3	3	4	4	5	9	9	3.8	9	30
6	2	2	2	3	3	8	9	6	6	6	4	2	4.4	7	45
7	3	1	1	2	6	9	7	7	6	5	4	8	4.9	9	00
8	2	1	1	2	6	7	9	9	7	4	2	1	4.2	8	20
9	2	1	1	2	4	6	4	4	4	4	3	2	3.1	10	15
10	1	1	3	6	3	6	6	4	4	3	2	1	3.3	9	20
11	3	3	4	3	6	7	1	2	2	1	1	9	3.5	9	35
12	1	1	0	1	5	3	3	7	8	7	3	5	3.7	7	20
13	2	2	2	2	5	7	7	5	4	2	1	1	3.3	9	30
14	1	1	7	8	6	4	5	6	7	8	8	9	5.8	6	15
15	7	8	7	7	6	5	8	5	3	6	2	2	5.5	6	35
16	1	4	4	4	6	10	10	4	4	9	10	5	5.9	5	40
17	3	3	3	5	6	6	6	7	8	10	4	4	5.4	7	45
18	2	1	2	3	5	5	2	2	3	2	2	0	2.4	9	55
19	2	1	2	2	4	4	4	2	2	2	2	1	2.3	9	50
20	2	2	2	2	4	4	3	3	3	2	2	1	2.5	9	15
21	3	2	4	3	6	8	9	9	6	2	2	1	4.6	7	00
22	5	4	5	3	4	5	7	6	6	4	2	0	4.2	6	40
23	2	2	2	1	3	6	8	2	2	1	1	0	2.5	8	30
24	2	2	2	2	3	4	2	2	2	2	3	2	2.3	9	50
25	1	1	2	2	4	6	1	2	3	3	3	4	2.7	9	15
26	6	4	4	2	2	4	8	9	9	9	9	10	6.3	5	40
27	8	10	10	9	10	8	9	10	10	10	9	10	9.4	1	40
28	7	4	9	8	10	10	9	10	7	8	9	9	8.3	4	20
29	7	9	10	7	10	10	8	9	8	9	7	7	8.4	4	20
30	4	8	10	10	7	7	10	8	9	10	10	8	8.4	4	00
Total														232	55
Mean	3.1	2.9	3.6	3.7	5.1	5.9	5.8	5.4	5.1	5	4.2	4.1	4.5	7	46

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
3	12.5	**16.5**	12	7	7	3	1	3	0	2	0	5
13	11	**14**	13	6.5	6	5.5	3.5	3.5	3	2.5	1.5	5.4
15.5	11	4	10	8	8	5	3.5	2	2	6.5	2	5.2
10.5	7.5	6	9.5	6	4	7.5	7.5	3.5	1	1	2.5	5
14	13	12.5	8.5	5	8	6	5.5	4.5	4	2.5	4.5	6.1
7	5	6	11	11	9	6.5	4.5	2	3	1	0	4.9
7.5	6.5	8.5	7	7.5	1.5	1	1	2	3.5	4	3.5	4.7
9.5	7.5	2.5	3.5	8	2.5	1	3	4	2.5	2	1	3.8
12	**13**	9.5	5.5	2.5	1.5	5	2	2.5	1	2	1.5	4.5
13	11.5	11.5	7	7.5	9	9	4.5	2.5	3	4	1.5	5.5
15	**15**	14.5	14.5	12.5	6.5	10	8	3.5	4.5	4	6	7.5
10.5	14	**17**	10	12	6.5	2.5	2	1	.5	0	2	4.7
10.5	7.5	15.5	13	8	3	3.5	4.5	.5	0	0	1.5	5
12.5	10.5	10.5	6.5	3	3.5	2.5	3.5	2.5	.5	1.5	1	4
13	11.5	8.5	10	7.5	8	6.5	6	3	4	2	1.5	5.3
5	6.5	7.5	4	7.5	1.5	1	1	2.5	3	2	3	3.7
15	14	7.5	12.5	8	4.5	1.5	1	2.5	4	4	1.5	4.9
16	10.5	13.5	**16.5**	13	5.5	5.5	5.5	4	7	3.5	3.5	6.4
14	11	10	13	14.5	11.5	8.5	5.5	7	7	5.5	2	**7.6**
15	12	7	5	6	5	6.5	7.5	6.5	6	4.5	1.5	5.8
4	5	8	8	5	3	4.5	6	2.5	4	.5	2.5	4.2
13	8	10	6	6.5	5.5	3	7	5	4	4	4.5	5.3
13	13.5	**17**	15.5	10.5	8	5.5	6	5.5	3	3	2	6.6
14.5	11.5	12	8	2	4.5	9.5	3.5	1.5	1.5	1	1	5.7
14.5	11.5	8.5	10	8.5	8	6.5	6.5	3	4	6	4	5.9
11	13.5	**19.5**	16	15.5	12.5	11	2.5	1	3.5	4.5	5	7.3
15	15	11	**23**	17	5	3	2.5	4.5	0	3	0	6.6
7.5	7.5	16	**22**	12.5	4.5	5	2.5	1.5	2	1	1	5.1
7.5	2.5	2.5	3.5	3.5	3.5	4	5.5	2	2.5	3.5	4	3.5
8	3.5	3.5	8.5	**10**	1.5	.5	.5	1	.5	.5	.5	**2.7**
11.3	10.1	10.4	10.4	8.4	5.6	5	4.1	3	2.8	2.7	2.2	5.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	wsw.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	------	------	4	2	2	2	------	------	------	------	------	------	------	------	------	------	14	119	3.5	------
2	3	1	3	1	1	1	1	1	------	------	------	1	1	1	2	------	7	129	3.6	------
3	------	------	2	------	------	4	3	------	------	------	------	1	4	------	------	------	10	125	3.7	------
4	2	2	5	------	------	1	4	------	------	------	------	4	2	------	------	------	4	119	3.5	------
5	2	1	2	1	2	2	------	------	------	------	1	1	2	4	------	1	5	146	3.5	1
6	------	2	2	2	1	1	1	------	------	------	1	------	2	------	1	------	11	117	3.4	------
7	4	1	2	------	2	------	------	------	------	1	------	------	2	3	------	------	9	113	2.4	1.3
8	------	2	3	------	2	------	------	------	------	------	------	4	------	------	------	------	13	91.5	2.3	5.7
9	1	1	3	------	------	------	2	------	------	2	------	2	4	------	------	------	9	107	3.7	------
10	------	2	2	4	------	------	------	------	------	------	1	4	------	2	------	------	9	133	4.1	------
11	3	6	7	4	2	------	------	------	------	------	------	------	------	------	------	------	2	179	5.4	------
12	1	2	4	2	------	3	2	------	------	------	------	2	------	------	------	1	7	113.5	4.1	------
13	2	1	2	------	------	4	1	------	------	------	------	2	2	1	------	------	9	120.5	4	------
14	2	1	2	------	2	------	1	------	------	------	------	2	2	------	1	------	11	96	3.3	------
15	2	------	1	4	3	------	------	------	------	------	------	------	2	4	------	------	8	128	3.5	------
16	2	5	4	2	------	------	------	1	1	------	1	------	------	1	------	------	7	88.5	2	1.8
17	------	1	4	1	2	------	------	------	------	------	------	3	3	------	------	------	10	117	3.2	------
18	------	------	3	2	2	5	1	------	------	------	------	4	1	------	------	------	6	153	4.4	------
19	2	3	3	------	1	3	5	------	------	------	------	2	3	------	------	1	1	181.5	4.4	------
20	3	2	1	1	------	1	6	------	------	------	1	1	4	1	------	------	3	139.5	3.9	------
21	------	1	2	1	------	1	2	------	------	------	------	1	2	------	------	------	14	102	3.1	------
22	------	2	------	3	4	1	1	------	------	------	------	3	2	1	------	1	6	127	3.6	------
23	------	2	3	2	------	6	1	------	------	------	1	3	------	------	1	------	5	158	4.1	------
24	1	5	2	------	1	------	1	------	------	------	------	4	3	------	------	------	7	136.5	3.8	------
25	1	------	2	1	5	2	------	------	------	------	------	1	4	1	------	------	7	142.5	4.2	------
26	1	8	6	3	1	------	------	------	------	------	------	------	------	------	------	------	5	174.5	5.2	------
27	4	2	2	------	1	------	------	------	1	------	------	------	2	------	2	1	9	158.5	1.5	29.3
28	5	1	2	4	3	------	1	------	------	------	------	------	------	------	------	------	8	123	2.5	.3
29	1	2	1	2	2	------	------	------	1	------	------	------	------	------	2	1	12	84	2.9	------
30	1	1	4	1	------	2	1	------	------	------	------	------	------	2	1	------	11	65.5	1.8	1.6
Total	43	57	83	43	39	39	34	2	3	3	6	45	47	21	10	6	239	3,787.5	104.6	41
Mean	1.4	1.9	2.8	1.4	1.3	1.3	1.1	0.1	0.1	0.1	0.2	1.5	1.6	0.7	0.3	0.2	8	126.2	3.5	1.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	**763.55**	8. 20a.	32. 5	1. 35p.	91	20. 8	**760.75**	2. 35p.	22	5. 35a.	58	17. 8
2	63. 05	0. 15a.	32. 4	1. 50p.	94	20. 6	59. 65	3. 20p.	22	5. 55a.	58. 5	17. 7
3	62. 45	0. 05a.	32	3. 10p.	92	20. 5	58. 63	3. 00p.	20. 7	6. 05a.	60	17
4	62. 30	9. 25a.	32. 7	2. 35p.	92. 5	21. 4	58. 70	3. 00p.	20. 3	6. 15a.	61	16. 7
5	61. 90	9. 15a.	31. 5	3. 55p.	95	21. 2	58. 95	3. 15p.	21. 1	6. 15a.	58	17. 8
6	61. 14	9. 00a.	32. 5	2. 20p.	94	21	58. 41	3. 00p.	21. 5	6. 15a.	62	17. 1
7	60. 95	9. 50p.	31. 9	1. 55p.	92	22. 6	58. 62	2. 00p.	21. 2	5. 40a.	67. 5	17. 5
8	**60.53**	9. 00a.	31. 8	0. 55p.	93	23. 3	58. 20	1. 55p.	21. 6	6. 15a.	65. 5	18. 5
9	61. 35	9. 40p.	33. 2	3. 05p.	92	21. 2	58. 50	2. 35p.	20. 7	5. 40a.	58	17. 1
10	61	9. 20p.	32. 4	1. 15p.	93	21. 5	58. 10	3. 00p.	22. 2	5. 50a.	57	16. 3
11	60. 90	8. 40a.	33. 1	0. 55p.	90	**20**	57. 55	2. 30p.	22. 4	5. 55a.	**44**	**15.3**
12	60. 83	9. 00a.	32. 6	1. 05p.	91	21	58. 01	2. 00p.	21. 7	5. 55a.	53	17. 3
13	60. 95	8. 40a.	32. 7	1. 50p.	94	20. 9	58	3. 10p.	22. 6	6. 10a.	53	17. 5
14	61. 55	8. 55a.	32. 6	3. 05p.	88	22. 3	57. 95	3. 05p.	21	6. 10a.	62	17. 1
15	61. 05	8. 45a.	32. 3	10. 55a.	90	22. 5	58. 10	3. 10p.	22. 3	4. 45a.	62	18. 4
16	60. 85	8. 30a.	31. 3	11. 20a.	95	21. 6	**57.50**	3. 40p.	21	6. 05a.	61. 5	16. 4
17	60. 57	9. 00a.	31. 9	3. 10p.	94	21. 9	57. 55	3. 25p.	21. 5	3. 15a.	62	17. 9
18	60. 79	9. 00a.	32. 4	2. 30p.	91	20. 5	57. 84	3. 00p.	**19.7**	5. 50a.	54	15. 8
19	61. 55	9. 00a.	32. 7	2. 40p.	**87**	20. 3	58. 25	3. 10p.	20. 1	5. 50a.	55	15. 7
20	61. 95	8. 30a.	32. 6	2. 55p.	89	21. 8	58. 70	3. 30p.	21. 9	6. 25a.	61	17. 3
21	61. 92	9. 00a.	32. 5	2. 40p.	92	21. 8	59. 15	3. 35p.	22. 8	6. 05a.	62	17. 3
22	62. 09	9. 00a.	31. 8	0. 05p.	90	**20**	58. 83	3. 00p.	21. 8	5. 40a.	60	17. 3
23	61. 65	8. 40a.	32. 9	1. 50p.	90	20. 2	58. 55	3. 15p.	20. 7	5. 55a.	54	16. 8
24	62. 35	8. 45a.	32. 2	2. 50p.	91	21. 6	58. 25	2. 40p.	21. 6	5. 35a.	61	17. 5
25	61. 85	9. 20p.	33. 3	3. 20p.	95	20. 7	58. 45	2. 45p.	20. 8	6. 15a.	52	16. 8
26	62. 30	8. 25a.	**33.7**	1. 30p.	93	20. 3	58. 97	2. 00p.	20. 7	6. 05a.	48	16. 4
27	62. 50	8. 50a.	32	0. 55p.	**99**	**24.3**	59. 60	2. 20p.	**23.2**	3. 55a.	68	**19.1**
28	61. 90	0. 15a.	**30.4**	9. 35a.	**99**	22. 7	58. 65	2. 35p.	22. 5	6. 10a.	61	17. 2
29	61. 90	11. 00p.	30. 7	10. 10a.	91	22. 4	59. 10	3. 20p.	20. 6	6. 15a.	58	16. 8
30	61. 98	9. 00a.	31. 4	0. 05p.	97	23	59. 20	3. 30p.	22. 1	4. 50a.	**72**	16
Mean	761. 66	--------	32. 3	--------	92. 5	21. 5	758. 56	--------	21. 5	--------	59	17. 1

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----Fair weather in the morning; cloudy in the afternoon.
3----Fair weather.
4----As yesterday.
5----☈ E with occasional d, ⌒ in the afternoon; ↯ SE in the evening.
6----☈ NNE, ENE, ⌒ in the afternoon.
7----●°, ☈ NE quadrant in the afternoon; ↯ WSW, S at night.
8----●, ⊕ in the afternoon.
9----Cloudy weather.
10----Do.
11----Do.
12----Do.
13----Do.
14----Do.
15----d° 1.15 p.
16----d° at noon; ● in the afternoon.
17----Cloudy weather.
18----Fair weather.
19----Do.
20----Do.
21----Cloudy weather.
22----↯ SSE at night.
23----Fair weather.
24----Do.
25----Intense coloration of upper clouds at sunset; ϖ at night.
26----⊕ in the afternoon.
27----Coloration of upper clouds at sunrise; ●², T ESE, N, WNW, gusty N winds in the afternoon; ● at night.
28----Coloration of upper clouds at sunrise; d° in the morning.
29----d° 1.40 p.
30----d° 8.20 a.; ● in the afternoon.

OBSERVATIONS FOR DECEMBER, 1914.

ATMOSPHERIC PRESSURE, 700$^{\text{mm}}$+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61	60.80	60.65	60.80	60.75	61	61.40	61.59	**61.67**	61.53	60.89	60.58
2	61.45	61.20	61	61.15	61.50	61.64	61.97	62.32	**62.58**	62.39	61.75	61.22
3	61.15	60.90	60.75	60.80	60.85	61.37	61.65	**62.04**	61.94	61.65	61.19	60.52
4	60.75	60.35	60.05	59.95	60.10	60.65	60.95	61.17	**61.28**	61.02	60.72	60.27
5	60.35	59.75	59.25	59.25	59.35	59.86	60.27	60.75	**60.89**	60.88	60.53	59.85
6	60.50	60.25	60.10	60.10	60.15	60.29	60.52	**60.90**	**60.90**	60.83	60.59	59.99
7	60.60	60.30	60.05	59.95	60.15	60.41	60.79	61.12	**61.54**	61.34	60.89	60.18
8	60.80	60.40	60.05	59.95	60	60.20	60.58	**60.92**	60.84	60.74	60.17	59.69
9	60.65	60.40	60	59.95	60.05	60.38	60.80	61.35	61.60	**61.78**	61.22	60.69
10	60.70	60.40	60.30	60.25	60.35	60.63	60.95	**61.40**	61.23	61.02	60.50	60.10
11	60.55	60.25	60.15	60.10	60.45	60.83	61.18	61.62	**61.84**	61.39	61.17	60.37
12	60.30	59.90	59.55	59.55	59.60	60.01	60.64	61.02	61	60.92	60.64	59.99
13	60.45	60.15	59.90	59.95	60.10	60.40	60.94	61.48	61.62	**61.72**	61.11	60.66
14	61.10	60.75	60.70	60.75	60.95	61.42	61.82	62.26	62.37	**62.40**	61.78	61.28
15	60.95	60.55	60.35	60.10	60.15	60.53	60.95	61.33	61.48	61.38	61.17	60.69
16	61.80	61.55	61.30	61.50	61.60	62.07	62.50	63.01	**63.18**	63.05	62.78	62.24
17	62.25	61.85	61.60	61.85	61.95	62.42	62.80	63.32	**63.64**	63.57	62.99	62.22
18	61.90	61.50	61.45	61.75	62	62.29	62.74	63.51	**63.69**	63.67	63.19	62.38
19	60.95	60.45	**60.10**	60.40	60.65	60.92	61.42	62.27	**62.44**	62.33	61.92	61.27
20	61.10	60.70	60.35	60.15	60.50	61.12	61.67	62.34	62.34	**62.35**	61.90	61.12
21	60.90	60.50	60.25	60.35	60.60	60.81	61.18	**61.83**	61.82	61.44	60.89	60.80
22	60.10	59.65	59.30	59.40	59.75	60.24	60.77	61.40	**61.54**	61.43	60.89	60.24
23	60.10	60.05	60.05	60.05	60.20	60.55	61.10	61.87	**61.89**	61.82	61.36	60.92
24	61.50	61.30	61.10	61.20	61.50	61.50	61.98	62.73	**62.79**	62.44	62.11	61.46
25	62.15	62	61.85	61.95	62.20	62.68	63.09	**63.74**	63.72	63.47	63.07	62.44
26	62.70	62.40	62.25	62.35	62.70	62.96	63.23	**64.09**	63.92	63.75	63.20	62.52
27	62.95	62.65	62.45	62.65	62.85	63.21	63.69	64.26	**64.31**	64.05	63.70	62.95
28	62.35	62.15	61.95	62.20	62.55	62.98	63.38	63.85	**64.04**	63.84	63.33	62.49
29	62.25	61.90	61.80	61.90	62	62.15	62.60	63.15	**63.31**	63.10	62.48	61.42
30	60.55	60.35	60.15	60.30	60.40	60.74	61.29	61.83	**62.09**	62.02	61.80	60.99
31	61.35	61.05	61	61.25	61.30	61.75	62.29	62.89	**63.08**	62.99	62.65	61.89
Mean	61.17	60.85	60.64	60.70	60.88	61.23	61.65	62.17	**62.28**	62.14	61.70	61.06

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.3	23.6	23.6	23.7	23.1	**22.8**	23.2	26	29	27.3	28.8	27.6
2	**23**	23.2	23.1	23.2	**23**	**23**	**23**	24.5	25.8	27.4	28.6	28.4
3	23.7	23.4	23.3	**23.2**	**23.2**	23.5	23.5	26	29.1	30.7	28.7	28.3
4	23.8	23.6	23.2	23	22.7	**22.4**	23	26.8	29.4	30.8	**31**	29.2
5	23.9	23.9	23.9	23.3	23.3	**23.2**	24.2	25.9	28	28	28.2	**29.3**
6	24.1	24	24	24.4	24.4	**23.4**	23.8	26.8	28.6	29	29	29.1
7	24.2	24.1	24.2	24.1	24.2	24.1	25	26.8	29.5	29.4	30	30.6
8	23.8	23.5	23.7	23.2	22.9	22.9	23.8	27	**29.5**	28.6	29.3	27.3
9	22.4	22.2	22.2	21.9	**21.3**	21.4	21.9	24.6	26.5	27	27.8	28.6
10	22.8	22.6	22.5	22.4	22.4	**21.9**	22.8	25.8	28.2	**29.5**	**29.5**	29
11	23.7	23.6	23.5	23	23	**22.9**	23.2	25.4	27.8	29.4	31.5	31.7
12	24.1	23.9	23.9	24	24	23.8	24	26.1	26.6	29.8	28.7	28.8
13	23.7	23.5	23.4	23	22.9	**22.5**	23	24.7	28.3	27.4	30	**30.7**
14	24.1	24	23.7	23.4	23.3	23.3	23.2	24.2	25.8	27.2	27.3	28.2
15	21.8	21.5	21.5	**21.1**	**21.1**	21.2	21.6	25.6	27.6	**29**	27.8	27.3
16	23.4	23	**22.8**	**22.8**	23	23.3	23.6	25	26.9	28.5	29.2	**30.1**
17	24	23.9	23.1	22.8	22.5	**21.8**	22.6	25.3	28	29.1	27.1	28.2
18	21.9	21.5	21.1	20.6	**20.2**	**20.2**	20.3	24.5	26.7	27.3	28.2	29
19	23.7	23.8	23.1	22.8	22.7	**22.5**	22.8	26.5	27.3	28.5	28.2	28.6
20	23.1	22.5	22	22.2	**21.9**	22.3	22.5	24.2	27.9	28.6	29.2	**30.7**
21	22.1	21.8	21.5	21.3	**21.1**	21.2	21.5	24.2	26.6	28.4	28.5	29.3
22	23.9	23.7	23.2	22.9	22.9	**22.6**	22.8	25.6	27.4	27.7	28.6	29.3
23	24	24	23.4	23.8	23.7	**22.7**	23.4	25.5	27.8	29	29	29.8
24	23.5	23.1	22.5	22	**21.9**	**21.9**	22	24.1	27.2	29.1	**30**	29
25	23.9	23.3	23.2	23.2	23.2	22.8	22.9	25.5	27.8	29	29.8	30.2
26	22	21.3	21.8	21.3	21	**20.6**	**20.6**	24	26.5	27	27.4	28.5
27	20.4	20	19.9	19.9	**19.4**	**19.4**	**19.4**	22.8	26.4	27.4	27.9	28.2
28	19.8	19.6	19.8	20.4	19.8	**19.2**	19.5	23.2	26.7	28.7	28.7	29
29	20.4	19.6	**18.9**	**18.9**	**18.9**	19	19.1	21.4	26.3	27	27.4	27.8
30	21.7	21.3	21.1	**21**	21.6	21.4	21.7	23.8	26	27.6	26.6	27.7
31	20.4	19.9	19.3	19.1	19	**18.9**	19.5	23.1	27	27.7	28.3	28.2
Mean	23	22.7	22.5	22.3	22.2	**22**	22.4	25	27.5	28.4	28.7	29

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.09	59.52	59.19	**59.12**	59.59	59.94	60.38	60.95	61.35	61.65	61.65	61.50	60.73
60.23	59.68	**59.39**	59.88	60.25	60.49	60.96	61.65	61.75	61.85	61.65	61.60	61.23
59.68	59.14	**58.76**	58.97	59.48	59.86	60.44	60.80	60.95	61	60.95	61	60.66
59.52	59.09	**58.88**	59.07	59.22	59.77	60.09	60.55	60.90	60.90	60.65	60.55	60.27
58.93	58.67	**58.28**	58.47	58.90	59.38	59.89	60.25	60.40	60.70	60.65	60.55	**59.84**
59.19	**58.61**	58.64	58.78	59.08	59.59	60	60.50	60.80	60.85	60.85	60.85	60.12
59.43	58.99	58.66	**58.56**	59	59.56	60.27	60.95	61.15	61.30	61.20	61.05	60.31
59.24	58.77	**58.57**	58.72	59.22	59.52	59.93	60.35	60.40	60.85	60.80	60.75	60.06
60.13	59.38	**59.13**	59.28	59.57	59.88	60.48	60.85	61	61.05	61.75	61.05	60.52
59.28	58.67	**58.57**	58.79	59.07	59.49	60.18	61	61.05	61.15	60.85	60.80	60.28
59.02	58.18	**58.07**	58.27	58.65	59.48	60.22	60.60	60.90	60.95	60.70	60.50	60.23
59.02	**58.86**	59.13	59.28	59.68	59.84	60.45	60.85	61	**61.05**	60.90	60.80	60.17
59.92	59.52	**59.47**	59.67	59.94	60.24	60.75	61.10	61.55	61.40	61.25	61.20	60.60
60.07	59.60	**59.24**	59.30	59.65	60.03	60.58	61.05	61.60	61.50	61.35	61.30	60.95
60.13	59.60	**59.55**	59.86	60.36	60.72	61.19	61.70	**62.20**	62.10	61.90	61.85	60.87
61.26	60.86	60.82	**60.76**	60.96	61.22	61.69	62.20	62.40	62.50	62.60	62.35	61.92
61.29	60.82	60.64	**60.63**	60.84	61.18	61.66	61.90	62.20	62.30	62.25	62.20	62.02
61.66	60.79	**60.33**	60.49	60.76	60.87	61.08	61.50	61.90	61.80	61.65	61.30	61.84
60.59	60.27	60.12	60.11	60.39	60.66	61.02	61.35	61.70	61.60	61.40	61.15	61.06
60.34	60.04	**59.92**	60.12	60.49	60.82	61.15	61.55	61.60	61.70	61.60	61.35	61.10
59.42	58.91	**58.69**	58.82	59.19	59.57	60	60.35	60.50	60.45	60.20	60.25	60.30
59.22	58.67	**58.56**	58.57	58.63	59.11	59.34	59.90	60.20	60.35	60.30	60.15	59.90
59.99	59.31	**58.98**	59.37	59.83	60.17	60.78	61.20	61.65	61.80	61.70	61.55	60.68
60.69	60.18	**59.77**	60.08	60.33	60.86	61.29	62	62.30	62.50	62.70	62.50	61.53
61.71	61.28	**60.84**	60.85	61.11	61.54	62.10	62.60	62.85	63.10	63.05	62.90	62.35
61.54	60.93	**60.53**	60.83	61.30	61.84	62.25	62.85	63.15	63.15	63.20	63.10	62.53
61.93	61.17	**60.88**	60.91	61.19	61.57	61.80	62	62.45	62.65	62.65	62.50	**62.56**
61.53	61.04	60.59	**60.57**	60.78	61.21	61.68	62.10	62.45	62.65	62.75	62.70	62.30
60.53	59.94	59.28	**59.24**	59.50	59.89	60.31	60.65	60.90	61	60.95	60.80	61.29
60.28	59.76	**59.40**	59.49	59.79	60.20	60.70	61.25	61.40	61.50	61.55	61.60	60.81
60.87	60.44	60.22	**60.17**	60.51	60.74	61.25	61.65	61.85	61.90	62	61.85	61.54
60.22	59.70	**59.45**	59.58	59.91	60.30	60.77	61.23	61.50	61.59	61.54	61.41	60.99

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.3	**29.3**	28.2	28.7	27.5	25.7	25.2	24.8	24.2	24.1	23.8	23.2	25.7
29.3	27.7	**30.1**	28	26.3	25.8	25.3	24.9	25	24.4	24.1	23.7	25.4
29.3	30.1	**31.6**	30.2	29.4	27.9	26.6	25.7	25.1	24.6	24	23.8	26.5
29.5	26.7	**31**	27.4	25.4	25	24.8	24.8	24.3	24.5	24.3	23.9	25.9
28	27.6	27.4	28.5	26.8	25.5	25.2	25	24.9	24.7	24.5	24.1	25.7
30.7	**31**	29.8	28.9	27.5	26.5	25.5	25	24.7	24.5	24.5	24.5	26.4
30.7	**31**	30.4	30.8	28.7	27	25.7	25.1	24.4	**23.9**	24.1	24.3	**26.8**
27	27.2	27.5	25.8	25	24.5	24.2	24.1	23.6	23.1	22.8	**22.7**	25.1
26.6	29.2	**30.2**	28.4	27	24.6	24.5	24	24.6	24.6	23.4	22.8	24.9
29.3	**29.5**	29.2	28.2	26.8	25.8	25.3	25.5	24.7	24.1	23.9	23.9	25.6
31.6	**32.2**	30.9	29.3	28.5	27	26.4	25.7	25.2	24.7	24.2	24.2	26.6
30.6	29.5	27.5	25.1	24.7	24.4	24.3	24.2	24.1	23.9	23.8	**23.5**	25.6
27.6	26.6	25.7	26.5	25.6	23.9	23.7	23.9	24	24.3	24.2	23.9	25.1
30.9	30.1	29.2	28.8	27.6	25.6	24.6	24	23.4	22.9	22.7	**22.6**	25.4
27.1	26.8	26.4	25.6	25.2	24.8	24.6	24.4	24.3	24.3	24.1	23.7	24.5
28.7	28.9	28.5	27.6	26.8	25.6	24.7	24.6	24	23.9	24.3	23.6	25.5
30.1	**30.6**	**30.6**	29.1	27.7	26.5	25.6	24.6	24.3	23.6	22.9	22.5	25.7
29.7	30	**30.1**	29.5	27.5	25.7	25.4	24.9	24.3	24.3	24.1	23.5	25
29.8	28.9	29.5	28.6	26.5	25.5	24.7	23.9	23.9	23.6	23.2	23.8	25.5
30.6	28.7	30.5	29.2	28	25.9	24.6	24	23.3	23	22.7	22.5	25.4
29.6	**30.6**	30.5	28.8	28.5	26.7	26.4	25	24.3	24.6	24.4	23.9	25.4
29.8	**30.6**	29.2	28.7	27.9	26.6	26.4	25.8	25.3	24.8	24.7	24.4	26
30.2	**30.7**	30.5	28.5	27.7	26.1	25.7	25	24.5	23.7	24	23.9	26.1
27.9	28	27.5	27.4	27	25.9	25.5	24.9	24.6	24.7	24.5	24.2	25.4
30.8	**31**	30.9	29.4	27.6	25.5	24.8	24.4	24.2	23.4	22.8	**22.4**	25.9
30	30.5	**31.6**	28.7	27.2	24.9	24.3	24.1	23.1	22.7	22.1	21.1	24.7
29.5	**29.6**	**29.6**	29.4	27.3	25.2	23.7	22.4	21.5	20.9	20.4	20.4	23.8
28.8	29.4	**30.2**	28.8	27.3	25.3	23.4	22.4	21.7	21.4	20.7	20.9	23.9
28.1	28.5	**29.1**	27.9	27	25.1	24.4	23.8	23.2	22.8	22.9	22.3	**23.7**
26.9	28.4	**28.5**	27.1	25.3	24.2	23.5	23.5	22.6	21.8	21.4	**21**	24
28.7	29.4	**30.6**	29.2	27.9	25.9	24.5	23.8	23.2	22.9	22	21.9	24.2
29.2	29.3	**29.4**	28.3	27.1	25.6	25	24.5	24	23.7	23.4	23.1	25.3

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	**97**	**97**	95	93	94	94	92	83	**71**	82	74	79
2	87	88	87	87	88	90	93	87	84.5	80	74	77
3	91	93	94	**95**	**95**	94	94	87	74	70	76	76
4	91	92	93	90	91	93	93	86	72	**65**	67	74
5	93	92	93	92	91	91	91	84	77	74	73	**68**
6	94	**95**	**95**	91	88	93	93	80	77	74	74	74
7	90	90	89	89	89	**92**	91	74	68	67	66	61
8	83	90	89	90	90	90	89	78	68.5	72	**66**	81
9	94	**95**	93	91	93	93	92	86	78	79	75	72
10	89	88	89	88.5	89	89	89	84	72	64	**61**	66
11	87	89	90	**95**	**95**	91	92	84	74	66	55	52
12	86	88	89	90	91	93	96	85	80	67	73	67
13	**98**	97	95	97	97	**98**	97	92	76	74	**62**	63
14	90	91	90	92	**95**	94	93	91	83	81	73	68
15	92	91	92	95	93	93	93	78	73	**69**	72	75.5
16	96	97	**98**	**98**	**98**	97	95	89	81	75	71	69
17	95	92	94	**97**	94	96	92	85	74	65.5	76	74
18	95	92	95	**96**	93	94	94	85	76	76	73	65
19	94	97	96	**98**	97	96	97	79	77	75	75	71
20	89	91	91	89	91	91	**94**	83	70	69	63	64
21	94	94	**95**	**95**	**95**	**95**	92	82	71	69	71	68
22	95	96	**97**	**97**	94	95	95	86	78	76	73	71
23	88	90	91	90	91	**95**	92	84	75	71	73	71
24	82	86	89	91	92	**93**	91	86	74	67	**59**	67
25	93	**96**	94	**96**	94	95	93	80.5	70.5	65	60	58
26	87	89	87	90	85	91	**93.5**	80	73	74	72	65
27	88	91	89	**92**	90	90	**92**	83	74	70	62	59
28	86	89	88	86	89	90	**92**	82	68	57.5	56	**55**
29	91	94	**96**	95	93	93	92	87	70	68	62	59
30	92	94	**95**	**95**	92	93	92	85	77	69	74	68.5
31	94	96	**99**	98	98	97	92	85	67.5	67	65	63
Mean	91.2	92.3	92.5	92.9	92.4	**93.2**	92.8	83.9	74.3	70.9	68.6	67.8

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22	20.9	20.5	20.2	19.7	19.3	19.5	20.7	21.1	22.1	21.8	21.7
2	**18.1**	18.6	18.3	18.4	18.3	18.7	19.4	20	20.8	21.7	21.5	22.3
3	19.9	19.9	20	20	20	20.2	20.2	21.7	22	22.9	22.2	21.7
4	19.8	19.9	19.7	18.8	**18.7**	**18.7**	19.4	22.4	22.1	21.6	22.3	22.2
5	20.5	20.3	20.5	19.6	19.4	**19.3**	20.5	20.8	21.7	20.7	20.8	20.5
6	21	21	21	20.6	20	**19.9**	20.4	21	22.3	22	22	22.2
7	20.2	20	19.9	19.8	19.9	20.6	**21.3**	19.3	20.8	20.4	20.9	19.8
8	19.3	19.3	19.3	19.1	**18.7**	**18.7**	19.4	20.7	20.9	20.9	19.9	21.7
9	18.9	18.8	18.5	17.8	17.4	17.6	17.9	19.7	20	**20.9**	20.8	**20.9**
10	18.3	17.9	18.1	17.8	18	**17.4**	18.3	20.7	20.5	19.6	18.8	19.7
11	19	19.2	19.3	19.8	19.8	18.9	19.5	20.3	**20.6**	20.2	18.9	18
12	19.1	19.4	19.6	19.9	20.3	20.4	21.2	21.3	20.7	21	21.3	19.6
13	21.4	20.7	20.3	20.3	20.2	19.9	20.3	21.4	21.7	20.1	19.7	20.6
14	20	20.1	19.5	19.7	20.1	20	19.7	20.3	20.5	**21.6**	19.5	19.2
15	17.8	17.3	17.5	17.6	**17.2**	17.3	17.8	19.1	20	20.4	20	20.3
16	20.4	20.3	20.3	20.3	20.5	20.5	20.5	21	21.3	21.8	21.4	**21.8**
17	21	20.3	19.7	19.9	19	18.5	18.7	20.4	20.7	19.6	20.3	20.9
18	18.5	17.5	17.8	17.4	**16.4**	16.6	16.7	19.4	19.8	20.5	20.8	19.5
19	20.5	21.2	20.1	20.3	20	19.4	19.9	20.3	20.7	21.8	21.3	20.7
20	18.6	18.4	17.9	**17.8**	**17.8**	18.2	19	18.7	19.6	20.1	19	**21**
21	18.5	18.2	18	18	17.8	17.7	**17.5**	18.3	18.5	19.9	20.6	20.5
22	20.9	20.8	20.6	20	19.5	**19.3**	19.5	21	21	21.1	21.3	21.5
23	19.5	19.9	19.5	19.7	19.7	19.4	19.7	20.3	20.8	21.1	21.6	22
24	**17.7**	18.1	17.9	17.9	17.9	18.1	17.9	19.1	19.8	20	18.5	19.9
25	**20.5**	20.3	19.8	20.2	19.8	19.5	19.3	19.5	19.6	19.5	18.6	18.4
26	17	16.8	17	16.9	15.8	16.4	16.9	17.7	18.7	19.6	19.5	18.8
27	15.7	15.9	15.3	16	15.1	15.1	15.5	17	**19**	18.9	17.3	16.7
28	**14.7**	15	15.1	15.3	15.2	14.9	15.6	17.3	**17.7**	16.8	16.4	16.4
29	16.2	16	15.6	15.4	**15.1**	15.2	15.2	16.5	17.9	18.1	16.9	16.5
30	17.7	17.6	17.6	17.6	17.6	17.6	17.7	18.6	19.2	19	19.2	18.9
31	16.8	16.6	16.5	16.1	16	15.8	**15.6**	17.9	17.8	**18.5**	**18.5**	18.1
Mean	19	18.9	18.7	18.7	**18.4**	**18.4**	18.7	19.8	20.3	20.4	20.1	20.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
80	78	79.5	75	79	88	89	89	91	86	87	88	85.9
74	81	72	**71**	83	83	85	88	91	**94**	91	92	84.5
75	73	**68**	69.5	71	78	83	84	85	88	89	90	83
72	88	71	81	93	**94**	93	**94**	**94**	93	92	92	86
77	76	87	79	87	93	92.5	92	94	90	92	**95**	86.4
68	**65**	71	82	91	89	84	88	89	90	90	89	84.3
62	**56**	59	59	66.5	72	77	80	82	86	85	87	76.6
88	86	84	88	92	94	**95**	89	90.5	94	93	94	86.6
78	66	59	**56**	65	77	76	79	76	79	87	89	80.3
66	65	68	73	80	85	86	84	89	**90**	**90**	86	80.4
48	50	50	65	63	70	70	77	80	81	83	84	**74.6**
58	61	77	86	93	95	95	94	95	**97**	**97**	**97**	85.4
77	79	**90**	89	86	87	91	93	92	87	89	91	87.4
54.5	61	59	63	71	80	82.5	82	85	86	87	87	80.8
82	82	88	88	94	96	96	97	97	97	97	**99**	**88.7**
68	**68**	70	73	77	81	90	90	91	93	91	97	85.5
67	65	**60**	65	73	75	75	82.5	82	87	90	90	81.1
63	**63**	67	70	77	81	81	83	87	88	89	91	82.2
67	73	73	74	88	91	89	91	89	90.5	93	87	85.7
61	66.5	64	68	69.5	77	85	85	87	89	91	91	80
63	**62**	64	73	74	84	79	87.5	88	89	91	94	82.1
66	**66**	74	67	74	79	82	86	88	90	85	87	83.2
69.5	**68**	**68**	71	77	84	81	83	82	88	88	88	81.6
71	75	76	78	83	82	83	87	89	88	91.5	91	82.1
58	**53**	57	60	70	77.5	80	82	83	86	84	86	78
64	61	**56**	66	**56**	69.5	72	75	79.5	80	81	86	76.4
61	58	58	**48**	56	62	69	73	78	81	85	85	74.8
58	57	**55**	57	64	71	80	82	85	88	90	91	75.7
61	**58**	**58**	67	70	76	80	81	84	88	87	90	79.2
72	70	**66**	71	83.5	83	83	84	89	92	93	94	83.6
60	56	**53**	57	63	73	77	81	82	83	87	87.5	78.4
67.4	**67.3**	67.8	70.6	76.4	81.5	83.3	85.3	86.9	88.3	89.2	90.2	82

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
24.2	23.5	22.5	22.1	21.6	21.5	21.2	20.7	20.5	19.3	19.1	**18.6**	21
22.5	22.3	**22.9**	19.9	21.2	20.5	20.4	20.6	21.3	21.3	20.4	20.1	20.4
22.7	23.3	**23.6**	22.1	21.6	21.8	21.4	20.5	20.1	20.3	**19.7**	**19.7**	21.1
22	22.9	**23.6**	21.8	22.3	22.1	21.7	21.9	21.2	21.3	20.9	20.3	21.2
21.5	20.9	**23.5**	22.8	22.8	22.4	22	21.6	22	20.8	21.1	21.1	21.1
22.2	21.9	22	24.2	**24.6**	22.8	20.3	20.8	20.6	20.5	20.5	20.3	**21.4**
20.4	18.8	19	19.6	19.4	19.2	18.9	19	**18.7**	18.9	18.9	19.7	19.7
23.3	23	22.8	21.6	21.7	21.5	21.3	19.8	19.6	19.7	19.2	19.2	20.4
20.2	19.9	18.9	**16.1**	17.1	17.7	17.4	17.5	17.5	18.2	18.6	18.5	18.6
19.9	20	20.5	20.8	21	**21.1**	20.6	20.3	20.6	20	19.8	19	19.5
16.7	17.9	**16.6**	19.7	18.3	18.6	18	18.9	19	18.7	18.7	18.8	18.9
18.9	**18.8**	21	20.4	21.5	**21.6**	21.4	21.1	21.1	21.3	21.3	20.7	20.5
21.1	20.4	22.1	**22.8**	21	**19.2**	19.7	20.5	20.4	19.7	19.9	20	20.6
18.1	19.4	17.8	18.6	19.6	19.5	18.9	18.2	18.1	17.8	17.8	**17.7**	19.2
21.8	21.4	**22.4**	21.6	**22.4**	22.3	22	22.1	22	22	21.5	21.6	20.2
19.8	20.1	20.2	20.1	20.1	**19.8**	20.8	20.7	20.3	20.5	20.6	20.9	20.6
21.2	21.1	19.5	19.4	20.1	19.3	**18.3**	18.9	18.4	18.8	18.7	**18.3**	19.6
19.5	19.8	21.2	**21.6**	21	20	19.6	19.5	19.7	19.9	19.8	19.6	19.3
21	21.5	22.4	21.5	**22.6**	22	20.6	20.1	19.6	19.6	19.7	**19.1**	20.7
19.8	19.4	20.7	20.5	19.5	19.1	19.5	18.8	18.5	18.5	18.7	18.4	19.1
19.3	20.3	20.7	21.4	21.4	**21.9**	20.1	20.6	19.9	20.4	20.6	20.7	19.6
20.6	21.5	**22.2**	19.7	20.6	20.4	20.9	21.2	21.2	20.9	19.6	19.7	20.6
22.1	**22.2**	21.9	20.6	21.2	21.1	20	19.7	**18.8**	19.1	19.5	19.4	20.4
19.8	21.1	20.6	21	**22.1**	20.4	20.1	20.3	20.4	20.4	20.9	20.3	19.6
19.2	17.6	18.9	18.2	19.2	18.8	18.7	18.5	18.7	18.4	17.4	**17.3**	19
20.2	19.7	19.5	19.3	**15**	16.3	16.3	16.8	16.7	16.4	16.1	16.1	17.5
18.6	17.7	17.7	**14.6**	15.1	14.7	15	14.8	14.8	14.9	15.2	15.2	**16.1**
16.9	17.3	17.6	16.7	17.3	17.1	17.2	16.6	16.4	16.7	16.3	16.7	16.4
17.2	16.8	17.5	**18.6**	**18.6**	17.9	18.2	17.8	17.9	18.1	18	18.1	17.1
19	**20**	19.2	18.9	**20**	18.7	17.8	18	18	17.8	17.6	**17.3**	18.4
17.5	16.9	17.3	17.1	17.5	18.1	17.6	17.6	17.3	17.1	17	17.1	17.2
20.2	20.2	**20.5**	20.1	20.2	19.9	19.5	19.5	19.3	19.3	19.1	19	19.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.		Cu.		Cu. E		Cu.-N. E		N.-cf.
2	Ci.	Cu. E	A.-Cu.	Cu. E		Cu.-N. E	Ci.	Cu.-N.		Cu.-N.
3	A.-Cu.	S.-Cu. E	Ci.-Cu.	Cu.		Cu.		Cu. E	Ci.	Cu. E
4	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.	Cu. EbyN		Cu. EbyN		Cu.
5		Cu.	Ci.-S.	Cu.		Cu. E	Ci.-S.	Cu. E	Ci.	Cu.
6	A.-Cu.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN
7		Cu.		Cu.		Cu.		Cu. E		Cu. E
8		Cu. E	A.-Cu.	Cu. E		Cu. E		Cu.-N. E		Cu.-N. E
9	A.-Cu.	Cu.	Ci.	Cu. E		Cu.-N. E	Ci.-S.	Cu.-N. E		Cu.-N.
10	Ci.	Cu.	Ci.	Cu.		Cu.	Ci.	Cu. E		Cu.-N. E
11		Cu.		Cu.		Cu.		Cu.		Cu.
12		S.-Cu. SE	A.-Cu.	S.-Cu. SE	A.-Cu.	Cu. EbyS	A.-Cu.	Cu.-N. E		Cu.
13	Ci.	Cu.	Ci.	Cu. E		Cu.-N. E	A.-Cu.	Cu. E		Cu.
14		Fr.-N.	Ci.-S.	Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	N.-cf.
15	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu. E	A.-Cu.	Cu. E		Cu.-N. E		N.
16		S.-Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.		N.-cf. E
17	Ci.	Cu.		Cu.		Cu.		Cu.-N. E		Cu. E
18		Cu.		Cu.		Cu.		Cu.		Cu.
19	Ci.	Cu.		Cu.		Cu.		Cu. E		Cu. E
20		S.-Cu. E		Cu. E		Cu. E		Cu.-N.		Cu.-N
21		Cu.		Cu.		Cu.		Cu. E		Cu.
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E		Cu.		Cu.
23		Cu.		Cu.		Fr.-Cu. E		Cu. E		Cu.
24		Cu.	Ci.-S.	Cu.		Cu.		Cu. E		N.-cf. E
25	Ci.	Cu.	Ci.	Cu.		Cu.	Ci.	Cu.	Ci.	Cu.
26		Cu.		Cu.		Cu.		Cu.		Cu.
27		Cu.		Cu.		Cu.		Cu.		Cu.
28		Cu.		Cu.	Ci.	Cu.		Cu. E		Cu. E
29		S.-Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
30	A.-Cu. ENE	S.-Cu.		S.-Cu. EbyN		S.-Cu. E		N.-cf. E	Ci.-Cu.	Cu.
31	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.		Cu. E		Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu.
2		Cu. EbyN		Cu. EbyN		Cu. EbyN		Cu. EbyN	A.-Cu.	S.-Cu.
3	A.-Cu.	Cu. E		Cu. E	Ci.-S.	Cu. E		Cu. E		Cu. EbyN
4		Cu.		Cu.-N. E		Cu.-N. E		Cu.-N.		Cu.
5	Ci.-S.	Cu. EbyN		Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.
6	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.		Cu.
7		Cu. E		Cu. E		Cu. E		Cu. E		Cu.
8	Ci.-S.	Fr.-N. ENE	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN		Cu. EbyN	A.-Cu.	S.-Cu.
9		Cu.-N.		Cu.		Cu.		Cu.		Cu.
10		Cu. EbyN		Cu. EbyN		Cu. EbyN	A.-Cu.	N.-cf.	Ci.-S.	S.-Cu.
11		Cu.		Cu.		Cu.		Cu.	Ci.	Cu.
12	A.-Cu.	Cu.		Cu.-N. E		Cu.-N. E		N.		N.
13		Cu. E		Cu.-N.	A.-Cu.	Cu. E	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu.
14	A.-Cu.	Cu. E		Cu.-N. E		N.-cf. E	A.-Cu.	Cu. E	Ci.-Cu.	Cu.
15		Cu.-N.		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.-N.		Fr.-N.
16		Cu.-N.		Fr.-N.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.
17		Cu.		Cu.		Cu.		Cu.		Cu.
18		Cu.		Cu.		Fr.-Cu.		Fr.-Cu.		Cu.
19		Cu. E		Cu. E		Cu. E		Cu.		Cu.
20		Cu.-N. E		Cu.-N. E	A.-Cu.	Cu.-N. E		Cu.	Ci.	Cu.
21		Cu. E		Cu.		Cu. E		Cu.		Cu. E
22		Cu. E		Cu.-N. E		Cu.-N. E		Cu.	A.-Cu.	Cu.
23		Cu.		Cu.		Cu. ENE		Cu. ENE	Ci.-S.	Cu.
24		N.		Cu.-N. E		Cu.-N. E		Cu.-N. E		Cu.
25		Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
26		Cu.		Cu.-N.		Cu. E		Cu. E		Cu.
27		Cu.		Cu.		Cu.		Cu.		Cu.
28		Cu.		Cu.		Cu.		Cu.		Cu.
29		Cu.		Cu.		Cu.		Cu.	Ci.-S.	Cu.
30		Cu. E		Cu. E		Cu.		Cu.-N. E	Ci.	Cu.
31		Cu. EbyN		Cu. ENE		Cu. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNE 0.5	NNE 1	Calm	NNE 0.5	N 1	Calm	N 1.5	NNE 1	NE 1	SW 3	SW 4	NW 1
2	NNE .5	NE 1.5	NNE 1	N 1.5	N 2	NNE 2	NbyE 2.5	Calm	NE 1.5	NW 4.5	NW 2.5	W 3
3	N 2	NNE 2.5	NNE 2.5	NNE 1.5	NNE 1.5	NNE 3	NE 1	ENE 2	Calm	E .5	W 3	W 4.5
4	Calm	Calm	Calm	NNE .5	Calm	NE 2	ENE 1.5	ESE 1.5	Calm	ESE 1	ENE .5	WbyN 6.5
5	NNW .5	N .5	Calm	N 1	Calm	Calm	ENE .5	Calm	Calm	NW 1	WNW 1.5	WNW 2.5
6	E .5	Calm	NNW .5	NNW 1.5	N 1	Calm	E 1	Calm	WNW .5	W 2.5	W 4.5	WNW 3.5
7	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1.5	Calm	SW 2.5	swbyw 3.5	WSW 3.5
8	NE .5	Calm	NNE 1	NE 1	NNE 1	NE 1	NNE 1.5	Calm	WSW 2	WSW 2	NE 2	N 6
9	Calm	N 1.5	Calm	N 1.5	N .5	Calm	Calm	E 2	Calm	SE 2	SSW 2.5	ESE 3
10	N .5	Calm	NNE .5	NE 1	NNE 1	ENE 1	NNE 1	NNE 1.5	NNE 1	WNW 3	W 2	W 1.5
11	NNE .5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1.5	NW 2	ENE 2	ENE 1
12	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	E 1	WSW 5	W 2.5
13	NNE .5	ENE 1.5	NNE 1.5	NE 1	NE 1	NE .5	Calm	Calm	Calm	SSE 1	E 3.5	E 2
14	NE 1	NE 1.5	N 3	Calm	Calm	Calm	Calm	N 1.5	NNE .5	ENE 4.5	NE 3.5	Calm
15	Calm	Calm	Calm	NE 1	NE .5	Calm	Calm	Calm	Calm	SSE 2.5	Calm	WNW 1
16	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	N 1	Calm	SE .5	E 1
17	Calm	Calm	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	E 2.5	WSW 1	W 3
18	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	Calm	NW 3.5	W 3.5	WSW 4.5	WSW 1.5
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1	WSW 2	WSW 2	WSW 1.5
20	NW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1.5	Calm	NNE 1.5	NE 3.5
21	Calm	Calm	Calm	Calm	Calm	NNE 2	Calm	NNE 1	NNE 1	NW 2	WSW 2	WSW 2.5
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	SW 2	WSW 2.5	WSW 2
23	N 1	Calm	N .5	N 1	NNW 1.5	Calm	Calm	NNE 1.5	NNE 2.5	NNE 3.5	WNW 1	W 5
24	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1.5	Calm	Calm	Calm	N 2	Calm
25	Calm	Calm	Calm	NE .5	N .5	NNE 1.5	NNE 1	Calm	Calm	EbyS 2	SE 1	SEbyE 6.5
26	Calm	Calm	NNW 1.5	Calm	Calm	Calm	NNE 1.5	Calm	Calm	W 2	WSW 4	WNW 1
27	NE .5	Calm	N .5	N .5	ENE 1	Calm	Calm	Calm	Calm	W 2.5	W 4	WNW 2.5
28	NE .5	Calm	NNE 1.5	N 2	ENE .5	Calm	Calm	Calm	Calm	E .5	NNE 1.5	W 3.5
29	Calm	Calm	ENE .5	NNE 1	Calm	Calm	Calm	Calm	SWbyS 1	WbyS 3	W 2.5	WbyN 2
30	NE 1	NE 1	Calm	Calm	Calm	Calm	Calm	ENE 1	NE 1	Calm	WSW 1	W 2.5
31	NE 1.5	NE 1.5	Calm	NE 1.5	NE 1.5	Calm	Calm	Calm	Calm	Calm	W 1.5	W 3.5
Mean	0.4	0.4	0.5	0.6	0.5	0.5	0.5	0.5	0.8	1.9	2.3	2.7

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SbyW 1.5	Calm	Calm	WNW 2	WNW 1	Calm	Calm	Calm	NNE 1.5	N 1.5	NE 1	NE 0.5	1
2	NNE 1	ENE 1.5	NNW 4	E 4	Calm	Calm	NNE 0.5	NE 0.5	E 1	NE 1.5	N 1.5	NNW .5	1.6
3	WbyN 4.5	WbyS 4	SW 2	NE 2.5	NW 2	NNE 0.5	ENE 1.5	Calm	Calm	Calm	Calm	Calm	1.7
4	WNW 3.5	WSW .5	W 2	NE 7	Calm	Calm	Calm	ENE .5	ESE 1	E .5	Calm	N 1.5	1.2
5	W 1.5	E 2.5	Calm	Calm	Calm	Calm	ESE 1.5	ESE 1	E 1	E 1	ENE .5	E .5	.7
6	WSW 3	WSW 3	WNW 1	W 1	Calm	ESE 1.5	E .5	Calm	Calm	E 1	Calm	E .5	1.1
7	WSW 4.5	WSW 2	W 2	NW 2	N 3	N 1	NNE 2	NE 1	Calm	Calm	Calm	Calm	1.2
8	E 2	Calm	Calm	NNE 1.5	Calm	Calm	Calm	N 1	Calm	Calm	Calm	Calm	.9
9	ESE 3.5	Calm	Calm	NE 3.5	NE 3.5	Calm	NE 1	Calm	NE 3	NNE 2	E 1	N .5	1.3
10	WbyS 3.5	W 2.5	S .5	E 2.5	Calm	Calm	Calm	ESE 1.5	Calm	Calm	NNE 1	N 1	1.1
11	NE 3	ENE 3	N 4.5	NNE 1.5	NNE 4	NE 2	NNE 3	NE .5	NE 1	Calm	Calm	N .5	1.3
12	WSW 2	Calm	ESE 1.5	ENE 4.5	Calm	Calm	SSE 1.5	SSE 1	SSE .5	Calm	E 1	Calm	.9
13	ESE 3	SE 3.5	ENE .5	Calm	E 1	ESE 2	E .5	Calm	ENE 1.5	E 1.5	ENE 1	Calm	1.1
14	E 6	ESE 3	ESE 4	ESE 4	E 1.5	E 1.5	Calm	NNE .5	NNE .5	Calm	Calm	Calm	1.5
15	WSW 1	WSW 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.3
16	ESE 6	E 7.5	ENE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
17	WbyS 1.5	Calm	SE 4.5	SE 9	SE 2.5	SE 2	SE 3	ESE 1	SE 2	SE 1	Calm	Calm	1.4
18	WSW 3.5	WSW 3	WSW 2	WSW 1	Calm	Calm	SE .5	SE 2	ESE 1	Calm	Calm	Calm	1.1
19	WSW 3.5	SW .5	SSW .5	Calm	Calm	E .5	Calm	Calm	Calm	Calm	Calm	WNW 2	.6
20	NNE 2	NNE 2	N 1.5	N 1.5	N 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
21	WSW 2	WSW 3	WSW 2	W 1	WNW .5	NW 1.5	Calm	Calm	Calm	Calm	Calm	Calm	.9
22	WSW 4.5	WbyS 1.5	N 3	ENE 1	E .5	SE .5	Calm	SE .5	Calm	ENE .5	NNE 1	N .5	.9
23	WSW 1	WSW 2	SW 1	NE 3.5	Calm	ESE .5	ENE .5	Calm	Calm	Calm	Calm	Calm	1.1
24	WSW .5	WbyS .5	WNW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	sEbyE 1	NE 2	.4
25	SE 3.5	SEbyE 4	ESE 3	SEbyE .5	SE .5	Calm	Calm	Calm	ESE 1	Calm	Calm	Calm	1.1
26	WSW 3.5	swbyw 2.5	SSE 1.5	ENE 1.5	E 2.5	Calm	ESE 1.5	ESE 1.5	ESE .5	ESE 2	ESE 1	Calm	1.2
27	WSW 2	W 3	WbyN 1.5	E 1	E 2.5	ENE 2	ENE 1.5	NE 1	ENE 1.5	ENE 1	E 1	NE 1	1.3
28	W 2.5	W 4	SSE 3.5	SSE 3	SSE 1.5	ENE 1	Calm	E .5	ESE 1	ESE .5	ESE .5	Calm	1.2
29	WSW 3.5	WSW 3	Calm	Calm	ESE .5	Calm	ESE 1.5	ESE 1	SE 1	Calm	Calm	Calm	.9
30	W 2.5	W 2.5	WNW 4.5	NW 2	Calm	E 1	ESE 3	NNE .5	ENE .5	Calm	ENE .5	NE 1.5	1.1
31	W 5	W 3	SW 1.5	SE 4.5	SSE 4.5	SE 3	ESE 1	ESE 1.5	ESE 1.5	ESE .5	Calm	Calm	1.5
Mean	2.9	2.2	1.8	2.1	1.1	0.7	0.8	0.5	0.7	0.5	0.4	0.4	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	0.5	1	2	1	2	4	2	1	5	10	9
2	3.5	4	8	4	4	7.5	9.5	10	7.5	2.5	11.5	12
3	7	10.5	10.5	9.5	6.5	8	5.5	5.5	5.5	5	10.5	12.5
4	.5	1	2	2.5	2.5	1	2	1	5	5	3	7
5	1.5	.5	1.5	2	2.5	.5	.5	1	3.5	5	10	10.5
6	1.5	1	1.5	6.5	4	2.5	.5	1	3	6	13	14
7	2.5	.5	3	4	2	2	2	5	3	7	8.5	10.5
8	1	0	1	2	4	3.5	1.5	2	.5	7.5	10	9.5
9	2	2.5	3.5	3	1.5	3	.5	2.5	1.5	2	4	4.5
10	3.5	.5	3.5	4	4	4	3.5	5	1	2.5	11	10
11	4	3	1.5	.5	.5	3.5	3	1	2	5	13	15.5
12	2	.5	.5	0	0	0	0	0	1.5	3	11.5	12.5
13	2	2	6	3	7	1.5	2	.5	1	3.5	15	12.5
14	3.5	3	10.5	4.5	0	0	6.5	9.5	7.5	6	15	7
15	.5	0	.5	2	3	4	.5	0	1.5	2.5	3	6
16	.5	0	.5	.5	0	1.5	1	2.5	4	3	5	10.5
17	0	0	0	0	0	.5	1.5	.5	.5	3	6	9
18	0	0	0	3.5	2	2.5	1	0	3	6	11	10
19	0	0	0	0	0	0	0	0	2	6	11	10
20	4	1	2	1	1	2.5	0	0	5	3.5	3	3
21	.5	0	0	0	0	4	4	9	8	6	13	11
22	0	0	0	.5	.5	1	0	0	1	4	8	8
23	3	2	.5	3.5	5	3	5	7.5	15	13	10	15
24	0	0	.5	.5	0	.5	2.5	2	0	1	8	5
25	3	1	0	2	2	2.5	4.5	2.5	1.5	5	18	12
26	0	0	2.5	.5	.5	1	0	0	0	4.5	8.5	10
27	1	0	0	.5	.5	2	1	0	1	3	13.5	13.5
28	1	1.5	4	6	7	1.5	1.5	0	0	1	4	9
29	1.5	.5	2.5	4	3.5	.5	1.5	.5	2	5	12	13
30	4	4	2	1	2	1	2	4	7	2	4	4.5
31	5.5	5.5	3	3.5	3.5	4.5	3	1	.5	3.5	12.5	15
Mean	1.9	1.5	2.3	2.5	2.3	2.3	2.3	2.4	3.1	4.4	9.6	10

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	2	2	4	5	9	7	8	4	3	2	1	4.1	7	20
2	10	5	6	6	7	8	6	5	4	9	3	2	5.9	5	50
3	6	9	3	3	7	9	4	5	3	4	4	2	4.9	7	25
4	5	3	3	6	7	9	6	8	9	10	5	2	6.1	5	45
5	6	9	4	4	7	6	6	9	4	4	4	3	5.5	5	55
6	4	4	4	4	7	7	6	5	9	5	3	2	5	7	35
7	5	3	2	1	3	5	5	8	8	7	7	4	4.8	7	55
8	6	6	4	6	9	8	10	9	9	9	9	8	7.8	3	25
9	3	5	4	7	8	8	10	2	1	1	1	7	4.8	3	45
10	3	4	3	2	8	9	8	8	9	9	5	5	6.1	5	50
11	7	4	1	1	3	1	4	4	6	4	4	7	3.8	7	30
12	6	8	8	6	7	6	4	10	10	10	10	10	7.9	3	10
13	7	7	7	10	8	9	9	10	10	10	9	9	8.8	3	40
14	10	10	10	10	8	10	7	8	9	8	4	3	8.1	4	05
15	7	7	8	8	10	10	10	10	10	10	10	9	9.1	2	45
16	7	8	5	7	6	8	10	10	9	9	7	7	7.8	3	05
17	2	1	2	5	8	5	3	2	1	1	1	5	3	7	35
18	1	1	0	1	1	1	1	1	0	0	0	0	.6	8	30
19	3	3	2	1	3	8	8	8	9	6	5	3	4.9	5	40
20	6	7	6	9	9	8	8	8	8	4	4	4	6.8	3	40
21	1	1	0	1	2	4	5	3	4	3	6	2	2.7	7	15
22	9	3	4	5	2	3	3	4	6	5	5	6	4.6	7	30
23	8	1	1	2	3	2	2	2	3	6	4	3	3.1	7	25
24	1	1	4	1	3	9	9	7	8	8	5	4	5	5	20
25	3	3	3	3	3	4	2	2	2	3	4	4	3	8	35
26	2	1	1	1	1	2	2	3	6	6	2	2	2.4	8	00
27	3	2	1	2	1	1	2	1	1	1	1	0	1.3	8	40
28	2	1	2	3	5	5	1	1	1	1	1	1	2	8	35
29	3	5	3	5	5	5	5	8	4	3	7	2	4.6	6	25
30	6	6	9	9	10	7	9	7	3	9	5	2	6.8	3	15
31	3	3	4	4	4	4	2	4	3	2	1	1	2.9	9	05
Total														190	30
Mean	4.7	4.3	3.7	4.4	5.5	6.1	5.6	5.8	5.6	5.5	4.5	3.9	5	6	09

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
7	4.5	4.5	6.5	9	1	1	0.5	2	3.5	4	3	3.5
8.5	8	10.5	10.5	5	3.5	4.5	3.5	3	1.5	6	2.5	6.3
15	13	9.5	6.5	11.5	6.5	3.5	2	1	.5	0	.5	**6.9**
15	9	5	11.5	7.5	3	1.5	3	1.5	3.5	2.5	2	4.1
8	7.5	2	2.5	1.5	1.5	4	6.5	4.5	4	4	1.5	3.6
11	7	9.5	5.5	3	2	6	1	0	3	2	3	4.5
13	10.5	11	11.5	11.5	7.5	5	4.5	.5	0	1	0	5.2
5.5	2.5	6	8	5	0	1	5	1.5	1	.5	1.5	3.3
8.5	5	7.5	10	**12.5**	3.5	2	2.5	4.5	6.5	5	1.5	4.1
11.5	10	6.5	8	8	0	1	4	2	2	5	5	4.8
14.5	11.5	9	13.5	13	11.5	9	6	4	1	.5	2	6.2
11.5	11.5	4	**13**	5.5	3	3.5	4	2	.5	1.5	1.5	3.9
14.5	12	9	1	6	14	5	1	3	8.5	4.5	1.5	5.7
14	11	12	12	7	4	4	3	3	3	1.5	1	6.2
5.5	6	1.5	**6.5**	3.5	2.5	.5	.5	0	0	.5	0	**2.1**
15.5	**18**	15	7.5	1.5	1.5	.5	0	0	0	1	0	3.7
12	9	11	**16**	12	8	9	6	7	7	2	1	**5**
10	8	5.5	2.5	1	1	7	7	5.5	2.5	2	0	3.8
8	5.5	2.5	5	7	3	4	3.5	2.5	.5	.5	6	3.2
7	11	5	9	**12.5**	6.5	0	0	0	0	0	.5	3.2
10	10	7	7	6	2.5	5.5	1	0	1.5	1.5	0	4.5
9.5	8.5	12	11.5	4	2	3.5	3.5	2	1	4.5	2.5	3.6
11	11	8.5	9.5	7	1	3	3	2	0	0	0	5.8
6	2.5	8	5.5	1	1	2	1	0	.5	2.5	5	2.3
14	13	11.5	7.5	4.5	4	4.5	4	5	2.5	1	1	4.9
8	5	4.5	7	9	6	5.5	6	4.5	4	5	.5	3.9
12	11.5	10	9	10.5	9.5	7	4	3	4.5	3.5	5.5	5.2
14	**14**	9	8.5	8.5	4.5	3	3.5	5	5.5	2	2	4.8
12	8	2	2	.5	5.5	4	5	3.5	.5	1	1	3.8
12	8.5	9.5	9	2.5	2.5	7.5	6.5	2	2.5	2	4	4.4
18	13	8.5	9.5	13.5	10	5.5	4.5	5.5	4	.5	0	6.4
11	9.2	7.6	8.1	6.8	4.3	4	3.4	2.6	2.4	2.2	1.8	4.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	3	5	3							1	2			2	1		7	85	1.8	1.6
2	3	6	4	1	2								1		2	2	3	151	1.9	1.7
3	1	6	2	2	1						1		3	1	1		6	166	3	
4	1	1	2	3	1	3						1	1	2			9	97.5	1.6	**15**
5	2			2	4	2							1	2	1	1	9	83.5	1.9	5.6
6	1				5	1						2	3	3		2	7	107.5	2.3	5.6
7	2	1	1								1	4	1		1	1	12	126	3.8	
8	2	4	4		1							2					11	80	1	3.8
9	4	1	4		2	2	1			1							9	99.5	2.4	1.3
10	2	6	1	1	1	1			1				4	1			6	115.5	2.9	
11	2	5	5	3											1		8	148	**4.5**	
12				1	2	1		3			1	2	1				13	93	1.5	5.6
13		2	3	4	5	2	1	1									6	136	3.5	3.9
14	2	3	3	1	3	3											9	148.5	3.2	.6
15			2					1				2		1			18	**50.5**	**.9**	4.9
16	1		1	1	2	1	1										17	89.5	2.4	
17			1		1	1	7					1	2				11	121	3.2	
18			1			1	2					6	1		1		12	91	3.2	
19					1					1	1	5		1			15	77	1.9	2
20	3	4	1												1		15	77.5	2.9	
21		3										5	1	1	2		12	107.5	3.3	
22	2	1		2	1		2			1	1	3	1				10	87.5	3.3	
23	3	3	1	1		1					1	2	1	1		1	9	138.5	3.4	
24	1		1	1			1					1	1	1			17	55	2.1	.5
25	1	2	1			3	6										11	126.5	4	
26		1		1	1	5		1				3	1	1		1	9	92.5	3.6	
27	2		3	5	3							1	3	2			5	126	4.4	
28	1	2	1	2	2	3		3					3				7	116	4	
29		1		1		3	1				1	2	2	1			12	91.5	4.2	
30		1	4	3	1	1						1	3	1	1		8	106	2.5	.3
31			4			4	2	1			1		4				8	153.5	3.9	
Total	40	58	53	35	39	38	24	10	1	4	10	43	38	21	12	8	311	3,347	88.5	52.4
Mean	1.3	1.9	1.7	1.1	1.3	1.2	0.8	0.3	0	0.1	0.3	1.4	1.2	0.7	0.4	0.3	**10**	108	2.9	1.7

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	761.75	8.35a.	31.6	2.25p.	97	24.2	759.05	3.10p.	22.1	6.10a.	**71**	18.6
2	62.65	8.45a.	31.2	3.15p.	94	22.9	59.35	3.30p.	22.5	4.45a.	**71**	18.1
3	62.04	8.00a.	32.2	2.55p.	95	23.6	58.70	3.10p.	23.1	3.50a.	68	19.7
4	61.28	9.00a.	31.8	10.55a.	94	23.6	58.70	3.30p.	22.1	6.25a.	65	18.7
5	**60.95**	9.30a.	31.9	1.40p.	95	23.5	58.25	3.20p.	22.5	5.45a.	68	19.3
6	**60.95**	8.25a.	31.9	2.10p.	95	**24.6**	58.50	2.40p.	23	6.20a.	65	**19.9**
7	61.60	9.15a.	32.1	2.15p.	92	21.3	58.45	3.35p.	**23.6**	10.20p.	56	18.7
8	61.05	0.05a.	30.4	10.55a.	95	23.3	58.50	3.30p.	22.2	11.30p.	66	18.7
9	61.90	9.55a.	31.5	3.20p.	95	20.9	59.05	3.15p.	20.6	6.15a.	56	16.1
10	61.45	7.55a.	31.6	2.25p.	**90**	21.1	58.50	3.10p.	21.5	6.10a.	61	17.4
11	61.90	8.45a.	**33.4**	2.15p.	95	20.6	**58**	3.35p.	22.7	5.50a.	**48**	16.6
12	61.05	10.00p.	31	10.10a.	97	21.6	58.80	2.10p.	23.2	11.55p.	58	18.8
13	61.75	8.35a.	31.6	11.55a.	98	22.8	59.45	3.15p.	22.3	6.05a.	62	19.2
14	62.45	9.20a.	31.7	1.05p.	95	21.6	59.15	3.30p.	22.1	11.45p.	54.5	17.7
15	62.25	9.05p.	**29.5**	10.05a.	**99**	22.4	59.40	2.35p.	20.7	4.15a.	69	17.2
16	63.25	8.45a.	30.9	0.35p.	98	21.8	60.70	3.40p.	22.3	3.05a.	68	19.8
17	63.65	8.55a.	31.8	2.40p.	97	21.2	60.55	3.45p.	21.6	6.10a.	60	18.3
18	63.75	9.30a.	31.3	3.25p.	96	21.6	60.20	3.20p.	20	6.30a.	63	16.4
19	62.50	9.05a.	30.6	1.15p.	98	22.6	60.10	3.00a.	22.1	5.50a.	67	19.1
20	62.40	9.30a.	31.4	0.05p.	94	21	59.90	3.05p.	21.8	5.25a.	61	17.8
21	61.85	8.50a.	31.8	2.40p.	95	21.9	58.69	3.00p.	20.6	5.20a.	62	17.5
22	61.60	8.35a.	32	2.15p.	97	22.2	58.45	3.25p.	22.3	6.20a.	66	19.3
23	61.95	9.15a.	31.9	3.35p.	95	22.2	58.90	3.15p.	22.5	6.05a.	68	18.8
24	62.79	9.00a.	30.9	11.20a.	93	22.1	59.70	2.55p.	21.7	6.35a.	59	17.7
25	63.80	8.40a.	31.9	1.50p.	96	20.5	**60.80**	3.40p.	22.2	6.30a.	53	17.3
26	64.15	8.15a.	32.3	2.55p.	93.5	20.2	60.50	3.05p.	20	6.30a.	56	15
27	**64.35**	8.55a.	31.2	3.35p.	92	19	**60.80**	3.15p.	18.5	6.25a.	**48**	**14.6**
28	64.05	9.05a.	31.2	3.25p.	92	**17.7**	60.55	3.55p.	18.5	6.10a.	55	14.7
29	63.35	8.50a.	30.3	3.15p.	96	18.6	59	3.15p.	**18.4**	5.05a.	58	15.1
30	62.15	9.15a.	30.3	3.20p.	95	20	59.40	3.00p.	20.2	4.15a.	66	17.3
31	63.08	9.00a.	31.4	3.15p.	**99**	18.5	60.10	3.30p.	18.5	6.15a.	53	15.6
Mean	762.38	--------	31.4	--------	95.2	21.6	759.36	--------	21.5	--------	61.3	17.7

DAILY GENERAL REMARKS.

1----d° 11.47 a.; ⊕, ⛈° W, ● in the afternoon.
2----Some d in the early morning, afternoon and evening; ᗜ in the evening.
3----Cloudy weather.
4----⊕ in the morning; thundershowers in the afternoon; coloration of upper clouds at sunset.
5----⊤ E, ● in the afternoon; slight coloration of clouds at sunset; ⚡ W in the evening.
6----● in the afternoon; ⚡ SSE in the evening.
7----Cloudy weather.
8----ᗜ° early in the morning; coloration of clouds at sunrise; d in the forenoon; ● in the afternoon.
9----d at night.
10----Cloudy weather.
11----As yesterday.
12----d early in the morning; ● in the afternoon.
13----●, ⌒² in the afternoon.
14----d early in the morning.
15----d°, ● in the afternoon.
16----Somewhat gusty Ely winds in the afternoon.
17----Slight coloration of clouds at sunset.
18----Fine weather.
19----p 4.13 p.
20----Cloudy weather.
21----Fair weather.
22----Cloudy weather.
23----d°, ⌒ in the afternoon; slight coloration of clouds at sunset.
24----d in the afternoon.
25----⌓ early in the morning.
26----Fair weather.
27----Do.
28----Do.
29----Cloudy weather.
30----Slight coloration of clouds at sunrise; p° in the afternoon.
31----Fair weather.

GENERAL SUMMARY FOR 1914.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1914 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1914.	Normal, 1885-1914.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	763.24	761.16	+2.08	764.64	761.59	768.55	9	759.60	21, 31	8.95
February	62.26	61.33	+ .93	63.70	60.70	65.30	14	59.35	1	5.95
March	60.77	60.52	+ .25	62.39	58.87	65.45	18	56.50	31	8.95
April	60.17	59.41	+ .76	61.64	58.23	63.53	10	56.70	28	6.83
May	58.42	58.37	+ .05	59.94	56.32	62.30	2	52.35	31	9.95
June	57.62	57.95	— .33	59.04	56.04	61.55	6	50.15	19	11.40
July	56.78	57.24	— .46	58.11	55.49	60.55	29	52.55	7	8
August	56.99	57.31	— .32	58.43	55.58	60.85	1	52.70	12	8.15
September	57.35	57.44	— .09	58.75	55.97	61.40	20	52.60	6	8.80
October	61.13	58.74	+2.39	62.43	59.55	63.50	31	57.70	1	5.80
November	60.31	59.45	+ .86	61.66	58.56	63.55	1	57.50	16	6.05
December	60.99	60.50	+ .49	62.38	59.36	64.35	27	58	11	6.35
Year	759.67	759.12	+0.55	761.09	758.02	768.55	I 9	750.15	VI 19	18.40

Month.	Temperature in shade.									
	Mean, 1914.	Normal, 1885-1914.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	23.7	24.9	—1.2	30.4	19	32.7	31	14.5	11	18.2
February	24.2	25.3	—1.1	30.9	18.9	33.1	28	16.3	19	16.8
March	26.5	26.6	— .1	34.1	20.6	35.7	12	17.6	26	18.1
April	28	28.1	— .1	35	23.1	36.9	26	19.2	1	17.7
May	28.5	28.4	+ .1	35.7	23.9	37.7	15	21.4	2	16.3
June	27.4	27.9	— .5	32.8	24	35.5	14	22.7	20	12.8
July	27	27	0	31.6	24.4	33.5	31	22.7	17	10.8
August	27	27	0	31.6	23.6	34.1	5	22.1	4	12
September	26.2	26.9	— .7	30.6	23.6	34.1	25	22.2	21	11.9
October	25.9	26.7	— .8	31.8	21.9	33.4	3	20	23	13.4
November	26	25.9	+ .1	32.3	21.5	33.7	26	19.7	18	14
December	25.3	25.2	+ .1	31.4	21.5	33.4	11	18.4	29	15
Year	26.3	26.7	—0.4	32.4	22.2	37.7	V 15	14.5	I 11	23.2

Month.	Relative humidity.									
	Mean, 1914.	Normal, 1885-1914.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	76.2	78.1	—1.9	91.5	57.1	98	8	50	9	48
February	73.8	73.9	— .1	91.2	53.7	95	15, 21	42	22	53
March	68.6	71.5	—2.9	87.4	45.7	94	10	32	12, 31	62
April	70.8	69.7	+1.1	87.9	51.5	97	4, 5, 23	34	26	63
May	72.6	76	—3.4	89.6	52.6	100	22	38	6	62
June	81.7	80.9	+ .8	94.2	66.3	99	8, 14	54	14	45
July	85.4	84.8	+ .6	95	73.2	99	7, 8, 24	60	30	39
August	83	85	—2	92.8	70.7	99	23	50	5	49
September	87.3	85.7	+1.6	95.8	75.6	98	1, 2, 3, 5, 6	58	19, 25	40
October	79.7	83.5	—3.8	92.4	61.7	99	18	42	24	57
November	78.4	82.3	—3.9	92.5	59	99	27, 28	44	11	55
December	82	81.2	+ .8	95.2	61.3	99	15, 31	48	11, 27	51
Year	78.3	79.4	—1.1	92.1	60.7	100	V 22	32	III 12, 31	68

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1914.	Normal, 1885–1914.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	16.5	18.1	—1.6	18.6	14.7	20.5	6	12.3	11	8.2
February	16.3	17.5	—1.2	18.4	14.6	21.4	4	11.9	19	9.5
March	17.3	18.1	— .8	19.6	14.9	22.7	6	11	31	11.7
April	19.6	19.4	+ .2	21.8	17.5	24.4	8	13.9	1	10.5
May	20.6	21.6	—1	22.8	18.5	26.2	24	13.8	1	12.4
June	21.9	22.3	— .4	23.7	20.2	26	29	18.3	4	7.7
July	22.4	22.4	0	24.1	20.8	25.9	11, 14	18.3	26	7.6
August	21.9	22.4	— .5	23.7	19.8	25.8	11	17.1	4	8.7
September	21.9	22.4	— .5	23.7	20.3	25.4	6, 7	18.2	21	7.2
October	19.7	21.6	—1.9	22.1	17.4	24.1	3, 4	14.9	26	9.2
November	19.3	20.3	—1	21.5	17.1	24.3	27	15.3	11	9
December	19.5	19.2	+ .3	21.6	17.7	24.6	6	14.6	27	10
Year	19.7	20.4	—0.7	21.8	17.8	26.2	V 24	11	III 31	15.2

Month.	Relative frequency of the wind from—											
	NNE-E.			ESE-S.			SSW-W.			WNW-N.		
	Mean, 1914.	Normal, 1885–1914	Departure.	Mean, 1914.	Normal, 1885–1914	Departure.	Mean, 1914.	Normal, 1885–1914	Departure.	Mean, 1914.	Normal, 1885–1914	Departure.
January	5	7.7	—2.7	5	3.5	+1.5	3	3.3	—0.3	4	3.8	+ 0.2
February	5	7.4	—2.4	9	5.1	+3.9	2	3.6	—1.6	2	2.8	— .8
March	3	6.9	—3.9	10	7.4	+2.6	3	3.4	— .4	2	2	0
April	3	5.7	—2.7	8	8.2	— .2	4	3.8	+ .2	2	1.8	+ .2
May	3	4.8	—1.8	7	5.4	+1.6	6	6.1	— .1	2	2.4	— .4
June	2	4.2	—2.2	4	4.9	— .9	7	7.5	— .5	3	2.4	+ .6
July	1	3	—2	2	3.7	—1.7	14	10.2	+3.8	1	2.5	— 1.5
August	1	2.5	—1.5	1	2.9	—1.9	14	11.8	+2.2	2	2.3	— .3
September	1	3.1	—2.1	1	3.4	—2.4	13	9.9	+3.1	2	2.4	— .4
October	7	5.6	+1.4	4	3.1	+ .9	3	5.3	—2.3	2	3.2	— 1.2
November	7	7.5	— .5	3	2.6	+ .4	3	3.1	— .1	3	4.3	— 1.3
December	6	8.1	—2.1	2	2.2	— .2	3	2.6	+ .4	3	4.5	— 1.5
Year	3.66	5.54	—1.88	4.7	4.4	+0.3	6.3	5.9	+0.4	2.33	2.86	—0.53

Month.	Velocity of the wind.										
	Mean, 1914.	Total, 1914.	Normal, 1885–1914.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	158.9	4,925.5	5,130.1	— 204.6	222	9	82.5	16	139.5	28	3, 1–2p.
February	187.7	5,255.5	5,389.8	— 134.3	304.5	20	104	3	200.5	26	5, 10–11a. 20, noon–1p.
March	204.6	6,344	6,842.7	— 498.7	299	29	105.5	15	193.5	28.5	9, 1–2p.
April	197.4	5,921	6,952.2	—1,031.2	285.5	30	90.5	9	195	34	29, 3–4p.
May	198	6,137.5	6,856.7	— 719.2	407	31	92	21	315	34	31, 9–10p.
June	223.8	6,714	6,812.1	— 98.1	810	19	70.5	13	739.5	64	19, 3–4p.
July	348.1	10,790	8,592.7	+2,197.3	950	11	65	21	885	53	7, 2–3p.
August	360.4	11,171.5	9,080.6	+2,090.9	853	26	44.5	7	808.5	53	26, 10–11a.
September	244.7	7,340.5	8,223.5	— 883	548.5	6	73	25	475.5	41	6, 10–11a.
October	124.6	3,862.5	5,277.6	—1,415.1	210	24	67	7	143	22	10, noon–1p. 1–2p.
November	126.2	3,787.5	4,785.1	— 997.6	181.5	19	65.5	30	116	23	27, 3–4p.
December	108	3,347	4,697.4	—1,350.4	166	3	50.5	15	115.5	18	16, 1–2p. 25, 10–11a. 31, noon–1p.
Year	206.9	75,596.5	78,640.5	—3,044	950	VII 11	44.5	VIII 7	905.5	64	VI 19, 3–4p.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.											Amount of clouds.		
	Mean, 1914.		Total, 1914.		Normal, 1890–1914.		Departure.		Maximum.		Day.	Mean, 1914.	Normal, 1885–1914.	Departure.
	h.	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*	*h.*	*m.*		*0-10.*	*0-10.*	*0-10.*
January	6	00	186	15	191	41	— 5	26	8	35	18	5.5	5.3	+0.2
February	6	13	174	05	197	54	— 23	49	10	50	20	5.6	4.9	+ .7
March	8	29	263	10	239	25	+ 23	45	11	20	28	3.6	4.4	— .8
April	8	38	259	15	262	18	— 3	03	11	25	25, 26	4.5	4.1	+ .4
May	8	24	260	25	232	54	+ 27	31	11	00	15	5.5	5.7	— .2
June	4	48	143	55	173	00	— 29	05	10	00	10	7.6	7	+ .6
July	3	45	116	15	145	33	— 29	18	9	55	29	8.3	7.8	+ .5
August	3	50	118	40	140	58	— 22	18	10	40	18	8	7.9	+ .1
September	4	16	128	10	136	26	— 8	16	10	25	15, 18	7.5	7.7	— .2
October	6	55	214	30	171	58	+ 42	32	10	10	30	5.4	6.6	—1.2
November	7	46	232	55	164	20	+ 68	35	10	25	4	4.5	6.3	—1.8
December	6	09	190	30	158	56	+ 31	34	9	05	31	5	6.1	—1.1
Year	6	16	2,288	05	2,215	23	+ 72	42	11	25	IV 25, 26	5.92	6.15	—0.23

Month.	Rainfall.									
	Total, 1914.	Normal, 1865–1914.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1914.	Normal, 1366–1914	Departure.
	mm.	*mm.*	*mm.*	*mm.*		*mm.*				
January	3.5	27.3	— 23.8	1.7	8	1.5	23, 5- 6p.	3	5	— 2
February	7.3	10.4	— 3.1	3.3	14	3	14, 11-noon.	4	3	+ 1
March	6.1	18.2	— 12.1	5.1	15	4.7	15, 3- 4p.	2	3	— 1
April	53.4	34.6	+ 18.8	26.2	5	26.2	5, noon-1p.	8	4	+ 4
May	84	108.7	— 24.7	43.8	18	35	18, 7- 8p.	11	10	+ 1
June	367.9	235.9	+ 132	109.7	3	23.4	27, 1- 2a.	13	16	— 3
July	399.3	402	— 2.7	71.2	7	21	16, 8- 9p.	23	21	+ 2
August	492.3	361.7	+ 130.6	96.6	22	25.4	22, 10-11p.	25	22	+ 3
September	887.7	370.3	+ 517.4	234.7	2	31	1, 8- 9p.	21	20	+ 1
October	40.2	202.2	— 162	18	18	9.6	18, 4- 5p.	12	16	— 4
November	41	127.1	— 86.1	29.3	27	13.3	27, 4- 5p.	7	12	— 5
December	52.4	59.7	— 7.3	15	4	8.6	4, 1- 2p.	14	9	+ 5
Year	2,435.1	1,958.1	+ 477	234.7	IX 2	35	V18, 7- 8p.	143	141	+ 2

○

DEPARTMENT OF THE INTERIOR
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

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ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1914

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1914

MANILA
BUREAU OF PRINTING
1916

138067

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INTRODUCTION.

In this volume (Part III) of the report of the Weather Bureau for 1914 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The report of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Jolo	Sulu	Jolo	6	03	121	00	Rufino de la Cruz	III
Zamboanga	Zamboanga	Mindanao	6	54	122	05	Francisco Ventus	III
Davao	Davao	do	7	01	125	35	Lamberto Garcia	III
Cotabato	Cotabato	do	7	13	124	15	Doroteo Eusebio Rafael P. Albano	III
Cagayan	Misamis	do	8	29	124	38	Dolorito Contreras	III
Dapitan	Zamboanga	do	8	40	123	25	Agaton Alingal	IV
Butuan	Agusan	do	8	56	125	32	Generoso Copin	III
Dumaguete	Oriental Negros	Negros	9	18	123	19	Matias Ordiales	III
Yap	Western Carolines	Yap	9	29	138	08	Prudencio Z. Urbiztondo	III
Tagbilaran	Bohol	Bohol	9	38	123	51	Francisco Burgos	II
Iwahig	Palawan	Palawan	9	44	118	38	Filemon C. Bulaong	III
Surigao	Surigao	Mindanao	9	48	125	29	Arsenio Nicdao Francisco Tiangco	II
Maasin	Leyte	Leyte	10	08	124	50	Aguedo Espina	III
Cebu	Cebu	Cebu	10	18	123	54	Domingo de los Angeles	I
Iloilo	Iloilo	Panay	10	42	122	34	Ricardo A. Luna	I
San Jose Buenavista	Antique	do	10	44	121	55	Teodoro Peñeiro	III
Cuyo	Palawan	Cuyo	10	51	121	01	Roman Kabigting	III
Ormoc	Leyte	Leyte	11	00	124	36	Pedro Baltasar	I
Guiuan	Samar	Samar	11	02	125	44	Patricio Yabao	III
Tacloban	Leyte	Leyte	11	15	125	00	Perfecto Paulino Deogracias Tablan	II
Capiz	Capiz	Panay	11	35	122	45	Juan Lugod	II
Borongan	Samar	Samar	11	37	125	26	Cesareo Montes	III
Calbayog	do	do	12	04	124	36	Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12	22	123	36	H. L. Heath	IV
Romblon	Capiz	Romblon	12	35	122	16	Pedro M. Asturias	III
Batag	Samar	Batag	12	40	125	04	Placido A. Edroso	IV
Gubat	Sorsogon	Luzon	12	55	124	08	Victorio Ramos	IV
Legaspi	Albay	do	13	09	123	45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13	24	144	38	Herbert Taylor	III
Calapan	Mindoro	Mindoro	13	25	121	11	Aquilino Nokom	III
Virac	Albay	Catanduanes	13	35	124	14	Eusebio Talion	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	'	°	'		
Nueva Caceres	Ambos Camarines	Luzon	13	37	123	11	Eduardo Ontengco	III
Batangas	Batangas	do	13	45	121	03	Enrico Cabral	III
Atimonan	Tayabas	do	14	00	121	55	Leon G. Guinto	I
Ambulong, Tanauan	Batangas	do	14	07	121	04	Gregorio Peralta	II
Paracale	Ambos Camarines	do	14	17	122	47	Benito Pelaez	II
Santa Cruz	Laguna	do	14	18	121	25	Santiago Villaflor	III
Antipolo	Rizal	do	14	36	121	10	Valeriano Garcia	IV
Iba	Zambales	do	15	20	119	58	Deogracias Tablan Apolonio Perez	III
San Isidro	Nueva Ecija	do	15	22	120	53	Bernardo Pecache	II
Dagupan	Pangasinan	do	16	03	120	20	Jose M. Sison	I
Bolinao	do	do	16	24	119	53	Ezequiel Reinoso	II
Baguio	Mountain	do	16	25	120	36	Pastor P. Daroy	I
San Fernando	Union	do	16	37	120	19	Rafael P. Albano Estanislao F. Feraren	III
Echagüe	Isabela	do	16	41	121	39	Benito Maramba	III
Candon	Ilocos Sur	do	17	12	120	26	Luis Quismorio	IV
Vigan	do	do	17	34	120	23	Joaquin S. Gallego	II
Tuguegarao	Cagayan	do	17	36	121	40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18	12	120	35	Jose Saez	III
Aparri	Cagayan	do	18	22	121	38	Manuel Delgado	I
Santo Domingo	Batanes	Batan	20	28	121	59	Claudio Castillejos	III

REMARKS.

The hours of observations at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0° C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. =Cirrus.
Ci.-S. =Cirro-stratus.
Ci.-Cu. =Cirro-cumulus.
A.-Cu. =Alto-cumulus.
A.-S. =Alto-stratus.
S.-Cu. =Strato-cumulus.
N. =Nimbus.
Cu. =Cumulus.

Cu.-N. =Cumulo-nimbus.
S. =Stratus.
Fr.-Cu. =Fracto-cumulus.
Fr.-N. =Fracto-nimbus.
Fr.-S. =Fracto-stratus.
S.-cf. =Stratus-cumuliformis.
N.-cf. =Nimbus-cumuliformis.
M.-Cu. =Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1914.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.65	63.35	62.85	60	61.08	62.47	62.07	22.7	21.5	30.2	30.9	26	23.9	25.9	32.3	21.3	100	100	65	67	94	97	87.2	------
2	61.90	62.22	62.96	60.53	61.84	62.91	62.06	23.4	23.2	27.2	29.3	26.1	23.1	25.4	31	22.8	98	98	89	81	89	99	92.3	------
3	62.42	62.81	63.32	61.21	62.45	63.46	62.61	22.8	21.7	29.9	30.2	26.7	23.5	25.8	30.8	21.5	99	99	77	70	77	90	85.3	------
4	62.03	62.40	63.12	61.29	61.94	63.80	62.43	21.5	21.8	30.7	28.8	24.2	23.3	25	31.6	21.2	93	93	69	85	98	97	89.2	2.8
5	63.08	63.37	64.06	61.26	62.35	63.37	62.92	22.3	22.4	30.2	31.2	25.9	22.4	25.7	31.7	21.7	96	96	73	72	94	96	87.8	------
6	62.78	63.28	64.09	61.52	63.04	63.92	63.10	21.3	21.3	28.6	29.2	25.3	22.9	24.8	30.3	21	97	97	80	89	98	97	93	------
7	62.82	63.53	64.19	61.89	62.83	64.39	63.28	21.3	20.4	29.5	28.4	25.2	22.6	24.6	30	20.1	96	96	72	82	94	95	89.2	------
8	63.37	63.77	64.79	62.45	64.29	64.76	63.90	20.2	19	28.7	30.2	24.6	22.1	24.1	30.6	18.5	100	100	75	77	94	99	90.8	------
9	64.35	64.93	65.73	63.23	64.61	65.17	64.67	21.4	21.9	26.7	27.9	24.1	23.4	24.2	28.6	20.2	99	99	79	75	95	90	89.5	------
10	64.62	65	65.45	63.09	63.79	64.34	64.38	22.1	21.5	28.6	29.5	24.2	21.8	24.6	31.1	20.7	96	95	70	66	85	98	85	------
11	63.60	63.61	63.88	61.84	62.05	62.42	62.90	19.2	17.9	29.3	28.6	24.3	22.8	23.7	31.7	17.5	100	100	65	77	91	99	88.7	------
12	61.75	61.85	62.46	60.27	60.42	61.46	61.37	23.1	22.7	25.9	27.6	25.3	23.2	24.6	29.9	22.4	100	100	98	91	96	98	97.2	------
13	60.73	61.61	62.13	59.75	60.62	61.40	61.04	22.7	22.3	26.4	29.5	26	22.2	24.8	30.4	20.7	97	97	90	80	87	98	91.5	.3
14	60.85	61.37	61.92	59.79	61.30	61.64	61.14	21.1	21	30.4	29.8	26.7	24.6	25.6	31.7	20.4	98	98	55	63	79	89	80.3	------
15	61.03	62.16	62.22	60.15	61.36	61.90	61.47	23.4	23	29.9	29	26.3	23.2	25.8	32.4	22.5	94	94	64	69	80	93	82.3	------
16	61.42	62.41	62.13	60.11	61.78	62.14	61.66	22	23.1	29.1	29.7	25.9	24.2	25.7	32.3	21.4	99	99	72	76	86	91	87.2	------
17	61.92	62.92	62.81	61.06	61.48	62.52	62.12	23	22.6	26.9	25.3	25	23.4	24.4	27.6	22.1	99	99	81	98	88	98	93.8	3
18	61.39	62.12	62.70	61.13	61.35	61.90	61.76	22	22.8	25.2	23.9	22.2	21.3	22.9	26.3	21	96	97	92	99	98	100	97	9.4
19	60.57	61.09	61.25	58.72	60.32	61.34	60.55	22	22.2	30.2	28.2	26.1	23.9	25.4	30.9	21.7	97	97	65	76	89	95	86.5	------
20	60.42	60.82	60.93	58.66	60.08	60.63	60.26	23	23.4	30	28.5	25.4	24.1	25.7	31.9	22.6	97	97	71	82	98	99	90.7	27.9
21	59.73	59.92	60.74	58.68	59.67	60.68	59.90	23.5	23.2	25.8	28.5	26.2	23.3	25.1	30	23	98	98	95	83	92	97	93.8	------
22	59.79	60.59	61.33	59.44	60.33	61.08	60.43	22.6	22.2	28.9	30.6	26.3	23.1	25.6	31.2	21.8	98	98	73	68	86	97	86.7	------
23	60.63	60.54	60.99	59.37	60.40	61.60	60.59	23.4	22.9	28.3	27.1	24.4	23.4	24.9	30.2	22.7	99	99	79	93	97	97	94	3.8
24	60.63	60.74	61.30	59.29	60.20	60.67	60.47	22.4	22.7	28.6	30.1	26	23	25.5	30.6	21.3	100	100	74	71	83	95	87.2	------
25	59.78	60.59	60.88	59.09	59.61	60.67	60.10	20.6	19.7	29.2	29.1	25.8	23.8	24.7	30.6	19.4	100	100	70	73	84	97	87.3	------
26	59.88	60.39	60.89	59.57	60.97	61.55	60.54	23	22.9	28	27.6	25.6	23.5	25.1	29.3	22.5	92	92	83	94	98	99	93	14.7
27	61.16	61.47	61.25	59.90	60.66	61.41	60.98	22.6	22.3	28	26.6	25.9	23.4	24.8	30	22	97	97	83	93	95	98	93.8	------
28	60.73	61.30	61.13	59.04	59.64	60.48	60.39	21.9	22.5	29.5	27.9	26.2	22.5	25.1	31.3	21.2	97	97	65	84	97	99	89.8	------
29	59.85	60.84	61.15	58.91	59.71	60.67	60.19	21	19.5	29.9	29.1	25.4	22.5	24.6	30.7	19.2	100	100	65	76	95	99	89.2	------
30	59.94	60.24	60.72	59.35	60.21	60.58	60.17	21.4	22.2	28.1	25.7	24.3	23.2	24.2	28.9	21.4	98	98	81	94	97	98	94.3	------
31	60.46	60.87	61.33	59.05	60.10	61.06	60.48	23	23.3	28.6	31.8	27	23.7	26.2	32.5	22.6	97	97	72	61	79	97	83.8	------
Mean	61.49	62	62.41	60.31	61.31	62.14	61.61	22.1	21.9	28.6	28.7	25.4	23.1	25	30.6	21.2	97.6	97.6	75.5	79.5	90.7	96.5	89.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	ENE	2	E	2	SE	1	NE	2	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. E
2	Calm	----	Calm	----	E	2	SE	3	NE	2	Calm	----	5	Ci.	Cu. E	5	Ci.-S.	Cu. ESE
3	Calm	----	NE	1	NE	3	ENE	3	NE	1	Calm	----	1	Ci.	Cu.	5	Ci.	Cu.
4	Calm	----	Calm	----	E	2	NE	2	NNE	3	Calm	----	3	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
5	Calm	----	Calm	----	ENE	3	SE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	4	Ci.	Fr.-Cu. ESE
6	Calm	----	Calm	----	NE	2	NNE	2	Calm	----	Calm	----	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
7	Calm	----	Calm	----	NE	2	SSE	4	NE	2	Calm	----	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. SE
8	Calm	----	Calm	----	NNE	3	NNE	2	NNE	2	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. NE
9	Calm	----	Calm	----	NE	4	E	4	Calm	----	NNE	1	8	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. SE
10	Calm	----	N	1	ESE	2	E	3	NE	2	NE	2	7	Ci.-S.	Cu.	4	Ci.	Cu. E
11	Calm	----	E	1	N	2	SSE	4	NNE	2	NE	1	1	Ci.	Cu.	3	Ci.	Cu. SE
12	NE	2	N	1	E	1	N	3	NNE	2	N	3	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
13	Calm	----	N	1	E	2	S	2	NNE	1	N	1	1	------------	Cu.	5	Ci.	Cu. SE
14	Calm	----	Calm	----	E	2	S	2	Calm	----	NNE	1	6	Ci.-S.	Cu.	1	Ci.	Fr.-Cu. SE
15	Calm	----	N	1	NE	2	SSE	3	Calm	----	Calm	----	9	Ci.-S.	Cu. ENE	5	Ci.	Fr.-Cu. SE
16	Calm	----	NE	1	SE	2	SSE	4	NE	1	E	2	10	Ci.-S.	Cu. ENE	4	Ci.	Cu. SE
17	Calm	----	NNE	1	SE	3	SE	2	NE	1	E	2	10	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu.-N. ESE
18	Calm	----	E	1	NE	2	E	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	10	------------	N.
19	Calm	----	Calm	----	NE	2	SE	2	Calm	----	Calm	----	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
20	Calm	----	NNE	1	E	2	SSE	5	NNE	1	Calm	----	2	Ci.	Cu.	10	Ci.-S.	Cu.-N. SE
21	Calm	----	Calm	----	SE	1	SSE	2	NNE	1	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
22	Calm	----	Calm	----	E	2	SSE	1	Calm	----	NE	1	5	Ci.-S.	Cu.	4	Ci.-S.	Fr.-Cu. SE
23	Calm	----	NNE	2	E	3	SSE	1	NNE	1	Calm	----	7	A.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
24	Calm	----	NE	1	E	3	NNE	3	NNE	2	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. NE
25	Calm	----	Calm	----	NNE	4	NE	2	NNE	2	Calm	----	1	------------	Cu.	6	Ci.-S.	Fr.-Cu. E
26	Calm	----	Calm	----	NE	1	Calm	----	NNE	2	Calm	----	8	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N.
27	Calm	----	Calm	----	NE	3	NE	3	Calm	----	Calm	----	3	Ci.	Cu.	10	Ci.-S.	Fr.-N. E
28	Calm	----	NE	1	E	2	SSE	3	Calm	----	Calm	----	10	Ci.-S.	Cu. ENE	5	Ci.	Fr.-Cu. E
29	Calm	----	Calm	----	NE	3	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
30	Calm	----	NNE	2	E	3	ENE	2	NNE	2	Calm	----	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.-N.
31	Calm	----	Calm	----	E	3	E	4	NNE	1	Calm	----	8	Ci.-S.	Cu.	2	Ci.	Fr.-Cu. ENE
Mean	-------	0.1	-------	0.6	-------	2.4	-------	2.6	-------	1.1	-------	0.5	6.2	------------	------------	6.4	------------	------------

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.41	60.23	60.79	58.55	59.42	60.64	60.01	23	21.2	29.9	30.1	26.2	21.8	25.4	31.9	20.7	97	98	71	72	90	98	87.7	------
2	59.81	60.09	60.55	58.34	59.04	60.09	59.65	19.9	20.1	29.9	29.2	25.7	24.2	24.8	30.6	19.2	98	99	62	72	80	92	83.8	------
3	59.54	60.42	60.78	58.62	59.65	60.88	59.98	23.9	23.3	28.9	29.6	27.2	25.1	26.3	31.3	23	94	96	69	70	80	98	84.5	------
4	59.95	60.24	60.79	58.65	59.70	60.62	59.99	23.1	22.9	29.2	29.1	26.6	23	25.6	31.2	21.4	98	99	78	73	86	97	88.5	------
5	59.90	60.39	61.38	59.22	60.11	61.22	60.37	21	22.2	30.2	30.8	25.9	21.3	25.2	31.8	20	97	98	65	58	90	97	84.2	------
6	60.21	60.83	61.59	59.59	60.50	61.64	60.73	20.3	20.1	28.8	28	26	21.2	24.1	31.1	19.4	98	99	67	80	84	97	87.5	------
7	60.93	61.44	61.39	58.79	59.87	61	60.57	19	18.9	29.6	28.5	24.8	20.4	23.5	29.9	18.3	98	99	62	74	88	96	86.2	------
8	60.63	61.30	62.29	60.25	60.87	61.59	61.16	19.7	19.9	27.4	29.6	25.4	21.9	24	30.2	19.2	97	99	77	77	90	94	89	------
9	60.89	61.20	62.09	60.34	61.25	61.91	61.28	20.9	20	28.8	27.5	26	23.3	24.4	30.1	19.7	95	97	71	81	90	97	88.5	------
10	61.24	61.76	62.13	59.82	60.12	61.25	61.05	21.9	20.8	29.3	27.2	25.7	22.2	24.5	29.9	20.5	98	99	70	82	93	96	89.7	------
11	60.78	61.65	62.34	60.42	60.37	62.37	61.32	19.6	17.8	28.1	28.4	25.6	22.1	23.6	29.2	17.4	95	95	77	73	95	94	88.2	------
12	61.56	62.25	62.69	60.65	61.60	63.32	62.01	19.5	20.7	29.1	28.4	25.9	24.3	24.6	29.8	18.8	100	100	69	83	79	89	86.7	------
13	62.42	62.72	63.91	61.38	61.88	63	62.55	22.7	22.7	28.1	29.2	25.5	21.1	24.9	29.7	19.5	96	96	72	68	83	97	85.3	------
14	62.28	62.97	62.95	61.20	61.79	63.20	62.40	18.4	18.1	30	27.9	25.5	23.3	23.9	30.8	17.7	100	100	60	72	81	96	84.8	------
15	62.63	62.82	62.86	60.95	61.36	62.42	62.17	22	21.7	27.4	28	25.9	21.7	24.4	30	19.4	99	99	74	79	83	97	88.5	------
16	61.97	62.55	63.04	60.76	61.51	62.68	62.08	18.7	19.7	30.4	28.8	26	21	24.1	31	18	98	98	54	67	79	93	81.5	------
17	62.06	62.96	63.59	60.75	61.05	62.70	62.18	18	18.8	29.3	29.5	26.3	22.4	24	30.2	17.5	-----	-----	-----	-----	-----	-----	-----	------
18	61.50	62.15	62.75	60.45	61.15	63	61.83	21.1	19.7	28.6	29.8	26.5	22	24.6	30	19.4	-----	-----	-----	-----	-----	-----	-----	------
19	61.85	62.65	62.70	60.40	60.90	62.50	61.83	20.5	19.3	28.8	28.7	25.5	22	24.1	29.5	19.2	-----	-----	-----	-----	-----	-----	-----	------
20	61.45	62.60	62.90	60.65	60.60	61.95	61.69	19.8	19.2	27.7	28.4	25.7	20.2	23.5	29.6	19	-----	-----	-----	-----	-----	-----	-----	------
21	60.90	61.70	62	59.75	60.30	61.70	61.06	20.2	18.8	28.6	29.8	26	24.2	24.6	30	18	-----	-----	-----	-----	-----	-----	-----	------
22	60.30	61.10	61.25	59.70	60.10	61.30	60.62	22.6	20.8	28.6	29.2	25.7	22.3	24.9	30.3	20.7	-----	-----	-----	-----	-----	-----	-----	------
23	60.60	62	63	60.90	60.30	61.70	61.42	21.1	20.3	28.2	28.9	26.3	22.1	24.5	29.8	19.9	-----	-----	-----	-----	-----	-----	-----	------
24	60.60	61.60	62.35	60	60.05	61.70	61.05	20.1	20.4	29.2	29	-----	-----	24.7	29.8	19.8	-----	-----	-----	-----	-----	-----	-----	------
25	60.50	61.40	61.90	60	59.90	61.80	60.92	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
26	60.80	61.80	62.75	61	60.80	62.70	61.64	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
27	62.30	63.15	63.55	61.40	61.05	62.80	62.38	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
28	61.70	62.20	62.80	61.25	61.05	62.85	61.98	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	61.06	61.72	62.25	60.14	60.58	61.95	61.28	20.7	20.3	28.9	28.9	25.9	22.3	24.5	30.3	19.4	97.4	98.2	68.6	73.8	85.7	95.5	86.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	ENE	3	NE	2	NNE	1	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. E
2	Calm	----	NE	1	ESE	3	ENE	2	Calm	----	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu.
3	Calm	----	NNE	2	NE	3	NNE	4	NNE	1	Calm	----	4	Ci.-S.	Cu. NE	9	Ci.-S.	Cu.
4	Calm	----	Calm	----	NE	2	E	3	Calm	----	Calm	----	3	Ci.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
5	NE	2	NNE	1	E	4	E	5	NNE	2	Calm	----	10	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.
6	Calm	----	NE	1	E	2	SSE	5	Calm	----	NE	1	4	Ci.-S.	Cu.	7	Ci.-S.	Cu. SE
7	Calm	----	Calm	----	E	3	SE	3	NNE	1	Calm	----	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.
8	Calm	----	Calm	----	NNE	1	NNE	2	NNE	1	Calm	----	3	Ci.	Cu.	3	Ci.	Cu.
9	Calm	----	N	2	NE	2	SSE	3	Calm	----	Calm	----	5	Ci.	Cu.	9	Ci.-S.	Cu.
10	Calm	----	NNE	2	NE	2	S	4	NNE	1	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
11	Calm	----	Calm	----	SE	3	SE	4	Calm	----	Calm	----	8	Ci.	Cu.	4	Ci.	Cu. E
12	Calm	----	E	1	ESE	2	SSE	4	SE	2	Calm	----	9	Ci.-S.	Cu.	5	Ci.	Fr.-Cu. SE
13	Calm	----	NE	2	E	1	SE	2	Calm	----	Calm	----	10	Ci.-S.	Cu. E	7	Ci.	Cu.-N. E
14	Calm	----	NE	1	NE	2	S	4	Calm	----	NE	3	2	Ci.	Cu.	7	Ci.	Cu.-N. SE
15	Calm	----	Calm	----	NE	4	NNE	2	NNE	2	Calm	----	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
16	Calm	----	Calm	----	NE	3	SE	5	NNE	2	Calm	----	3	Ci.-Cu.	Cu.	1	Ci.	Cu.
17	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
18	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
19	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
20	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
21	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
22	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
23	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
24	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
25	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
26	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
27	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
28	------	----	------	----	------	----	------	----	------	----	------	----	----	----------	----------	----	----------	----------
Mean	------	0.1	------	0.8	------	2.5	------	3.4	------	0.8	------	0.2	4.5	----------	----------	6.8	----------	----------

NOTE.—The barometric readings for February 17 to 28, and the temperature from the 17th to the 24th, are taken from a self-recording instrument. This station was temporarily closed from February 17 to March 31, 1914.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.87	58.64	59.66	58.04	58.11	59.53	58.64	24.7	24	28.6	29	27.2	24.4	26.3	31.2	23.7	94	97	76	78	77	93	85.8	1.3
2	58.82	59.28	60.38	58.44	59.14	60.46	59.42	22.7	21.9	31.3	30.4	28.4	25.2	26.6	31.8	20.8	97	97	64	66	75	93	82	------
3	59.28	59.53	59.94	58.20	59.52	61.13	59.60	24.1	23.5	30.7	28.9	25.9	24.5	26.3	31.2	23.3	98	99	69	77	91	92	87.7	------
4	59.47	59.58	60.45	58.38	58.74	60.44	59.51	24	23.2	29.6	31	28	26	27	31.8	22.8	94	98	79	72	83	92	86.8	------
5	59.33	60.08	60.72	58.09	59.35	61.36	59.82	24.4	24.2	30.4	27.9	27.8	26.1	26.8	31.4	23.4	97	98	74	85	88	90	88.7	------
6	58.75	59.21	60.47	57.92	58.34	59.98	59.11	24.2	22.6	30.7	31.9	27.7	25.4	27.1	33.1	22.3	93	98	72	64	76	90	82.2	------
7	59.02	60.31	60.77	58.47	58.56	59.97	59.52	23.8	23.9	31.1	31.3	27.9	24.6	27.1	33.6	22.7	92	95	64	63	77	82	78.8	------
8	59.77	60.49	61.39	59.44	59.80	60.95	60.31	22.3	22.1	30.4	30.6	27.9	24.5	26.3	31.9	21.7	95	96	64	65	71	87	79.7	------
9	60.78	61.49	62.35	60.02	60.54	62.16	61.22	22.3	21.4	31.4	31	28	25.2	26.6	32.7	20.9	93	95	62	65	75	80	78.3	------
10	61.03	60.88	61.72	59.71	59.41	60.79	60.59	23.7	23	31.2	30.6	28.3	25.6	27.1	32.7	22.5	90	94	67	68	81	85	80.8	------
11	59.87	59.92	60.27	58.34	58.55	59.90	59.48	24.9	23.7	30.5	27.2	26.5	24.7	26.2	31.1	23.1	87	94	68	84	87	92	85.3	2.8
12	59.19	59.74	60.53	57.97	58.97	60.61	59.50	24.2	24	28	27	27.2	25.3	26	31.4	23.3	95	96	86	89	89	93	91.3	9.1
13	59.71	59.79	60.73	58.45	59.06	60.43	59.70	24.1	23.4	28.9	29.8	26.8	24.8	26.3	30.6	22.7	96	98	80	73	87	93	87.8	------
14	59.84	60.51	61.33	59.08	59.44	60.72	60.15	23.4	23.2	29.6	29.7	27.4	24.9	26.4	30.5	22.9	97	98	72	71	79	91	84.7	------
15	59.95	61.03	62.09	59.96	60.36	61.49	60.81	24.8	23.4	30.2	30.2	27.2	24.5	26.7	31.4	22.7	92	96	65	66	81	92	82	------
16	60.73	61.29	61.55	58.69	59.21	60.11	60.26	23.8	23	29	30	27	24.6	26.2	30.9	22.6	95	98	69	66	88	88	84	------
17	59.60	60.39	60.88	57.90	58.46	59.57	59.47	22.4	23.1	29.7	29.7	27	24.2	26	31.3	21.5	96	97	72	67	78	90	83.3	------
18	59.13	59.93	60.40	58.18	58.84	60.12	59.43	22.6	22	30.4	30.9	27.5	26.6	26.7	33.2	21.6	95	96	70	60	84	81	81	------
19	59.25	59.86	60.37	58.13	58.88	60.61	59.52	25.4	24.2	30.9	32.5	29	27.6	28.3	32.8	23.8	87	93	62	59	74	77	75.3	------
20	60.10	61.08	61.86	60.08	60.38	61.90	60.90	25.4	25	32	32.2	29	26	28.3	33.7	24.7	93	95	60	60	76	81	77.5	------
21	61.21	62.04	61.53	59.38	60.99	61.64	61.13	23.9	23.3	30.8	32.6	26.1	25.2	27	32.9	22.5	90	91	64	57	91	92	80.8	1
22	58.68	60.05	60.60	58.68	59.66	60.52	59.70	24.8	24.6	29.9	28.4	27	25.5	26.7	33.2	23.8	92	93	64	77	88	91	84.2	.5
23	59.79	60.33	60.58	58.48	58.86	59.82	59.64	24.2	24	30.4	31.6	28.3	25.7	27.4	33	23.4	96	97	68	62	77	88	81.3	------
24	59.53	59.71	60.44	57.86	59.38	60.32	59.54	24.9	24.3	32	32.8	28.3	26.1	28.1	33.3	23.5	92	94	60	57	81	90	79	.3
25	59.43	59.45	60.17	58.26	58.80	60.35	59.41	25	24.5	31.9	32.7	29.9	26.7	28.4	34	24.2	92	94	54	55	69	85	74.8	------
26	59.90	60.41	60.75	58.72	58.97	60.19	59.82	24.7	23.5	30.8	33.8	30.1	27	28.3	34.2	23	92	94	59	49	67	86	74.5	------
27	60.21	59.57	60.15	58.64	59.01	59.73	59.55	23.4	23	31	28.4	26.9	25.6	26.4	33.8	22	88	90	59	75	86	91	81.5	------
28	58.97	59.56	60.03	57.73	58.36	58.78	58.90	24.8	24.8	29.5	32.4	27.6	25.4	27.4	33.7	24.4	94	93	73	56	79	92	81.2	------
29	58.39	58.58	59.13	57.02	57.79	59.31	58.37	23.3	23.4	31	32	28.1	26.4	27.4	32.8	22.6	94	95	59	61	77	82	78	------
30	58.59	59.36	60.08	57.47	58.03	59.59	58.85	23.3	23.1	30.9	32.3	28.9	25.3	27.3	33.5	22.4	95	96	55	56	67	89	76.3	------
Mean	59.54	60.07	60.71	58.52	59.12	60.42	59.73	24	23.4	30.4	30.6	27.8	25.5	27	32.4	22.8	93.4	95.5	67	66.8	80	88.3	81.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	2	SE	3	E	3	Calm	----	5	Ci.	Cu. E	10	Ci.-S.	Fr.-N. ESE
2	Calm	----	Calm	----	SE	1	SSE	3	E	1	Calm	----	2	Ci.	Cu.	5	Ci.-S.	Cu. SE
3	Calm	----	Calm	----	SE	2	SE	1	NE	2	Calm	----	4	Ci.-S.	Cu. E	9	Ci.-S.	Cu.
4	Calm	----	Calm	----	E	1	SE	3	Calm	----	Calm	----	2	Ci.-Cu.	Cu.	1	Ci.	Cu. E
5	Calm	----	Calm	----	SSE	4	SSE	3	SE	2	Calm	----	4	A.-Cu.	Cu. E	5	Ci.-S.	Cu. SE
6	Calm	----	Calm	----	E	2	SE	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
7	Calm	----	Calm	----	ESE	3	SE	4	E	2	ESE	1	4	Ci.	Cu.	2	Ci.	Cu.
8	Calm	----	Calm	----	NE	2	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
9	Calm	----	Calm	----	E	2	SE	2	SE	1	SSE	2	4	Ci.	Cu.	4	Ci.	Cu. E
10	Calm	----	Calm	----	E	2	SE	3	Calm	----	Calm	----	1	Ci.-Cu.	Cu.	3	Ci.	Cu. E
11	Calm	----	Calm	----	SE	1	SE	1	Calm	----	NE	1	1	Ci.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
12	Calm	----	ESE	1	SE	2	SSE	1	SSE	2	S	2	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
13	Calm	----	S	1	SSE	3	SE	4	Calm	----	Calm	----	4	Ci.-Cu.	Cu.	2	Ci.	Cu.
14	Calm	----	Calm	----	SE	2	SE	4	SE	2	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. E
15	Calm	----	Calm	----	SSE	3	SSE	4	Calm	----	Calm	----	3	Ci.	Cu.	3	Ci.	Cu. SE
16	Calm	----	SE	1	ESE	2	SSE	5	SSE	2	Calm	----	4	Ci.	Fr.-Cu. E	3	Ci.	Fr.-Cu. SE
17	Calm	----	SE	2	SE	3	SSE	4	Calm	----	Calm	----	7	A.-Cu.	Cu. ENE	2	Ci.	Cu. E
18	Calm	----	Calm	----	SE	3	SSE	3	Calm	----	Calm	----	3	Ci. NE	Cu.	2	Ci.	Cu.
19	Calm	----	Calm	----	SE	3	NNE	4	E	2	SE	1	1	Ci.	Cu.	2	Ci.	Fr.-Cu. NE
20	Calm	----	Calm	----	NNE	2	NNW	2	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
21	Calm	----	Calm	----	NNW	2	NW	1	Calm	----	N	1	5	Ci.-S.	Cu. E	7	Ci.-S.	Cu. NNE
22	Calm	----	NNE	1	SE	3	N	2	Calm	----	Calm	----	9	Ci.-S.	Cu. NE	9	Ci.-S.	Fr.-N. NE
23	Calm	----	Calm	----	E	3	SSE	3	ESE	2	Calm	----	1	Ci.	Fr.-Cu. E	1	Ci.	Cu.
24	Calm	----	Calm	----	E	1	E	1	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu. SE
25	Calm	----	Calm	----	ESE	2	NE	2	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
26	Calm	----	Calm	----	SSE	3	SE	2	SE	2	Calm	----	3	Ci.	Cu.	1	Ci.	Cu.
27	Calm	----	Calm	----	SE	3	NE	2	NE	2	Calm	----	2	Ci.-Cu.	Cu.	9	Ci.-S.	Cu.-N. E
28	Calm	----	Calm	----	NE	1	NNE	2	ENE	2	NE	1	9	Ci.-S.	Cu. ENE	7	Ci.-S.	Fr.-Cu. E
29	Calm	----	Calm	----	SE	2	NE	1	Calm	----	Calm	----	5	Ci.	Fr.-Cu. E	4	Ci.	Cu. E
30	Calm	----	NE	1	SE	3	ENE	1	Calm	----	Calm	----	2	Ci.	Fr.-Cu. E	2	Ci.	Cu.
Mean	-------	0	-------	0.2	-------	2.3	-------	2.6	-------	0.9	-------	0.3	3.5	------------	------------	4	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, −1.86 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Maan.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.11	59.87	60.74	58.73	59.13	60.01	59.60	24.2	24.2	26.2	29	26.8	24.8	25.9	31	23.4	91	93	91	75	83	92	87.5	5.8
2	59.71	60.52	61.29	58.51	59.07	60.74	59.97	24.3	23.5	30.3	32	29	25.6	27.4	32.8	22.9	94	96	68	61	72	85	79.3	------
3	60.31	60.22	60.48	58.27	58.87	60.06	59.70	24.5	24.3	30.4	29.5	28.3	25.5	27.1	32.1	23.8	92	93	66	75	74	88	81.3	------
4	59.07	59.52	59.55	56.65	57.58	59.04	58.57	23.9	23.5	29.5	32.6	28.6	25.2	27.2	33	23.2	94	96	76	61	76	85	81.3	------
5	58.39	58.13	58.62	55.98	56.38	58.02	57.59	23.4	22.9	31.3	31.5	28.4	25.4	27.2	33.3	22.3	94	97	57	58	77	88	78.5	------
6	57.76	58.87	58.95	56.49	57.23	58.52	57.97	24.1	24.6	30.9	29.6	28.5	26	27.3	33.2	23.4	91	92	64	69	77	90	80.5	------
7	57.98	58.77	59.88	57.80	58.65	60.07	58.86	25	24.5	31.5	28.6	26.6	24.5	26.8	33.1	23.9	92	92	63	65	78	91	80.2	------
8	58.73	58.89	59.75	57.39	57.88	59.47	58.68	24.1	24	30.2	31	28.7	26	27.3	32.3	23	92	93	71	68	79	90	82.2	------
9	58.28	57.63	58.02	55.73	55.98	57.30	57.16	24.9	24.3	32.4	30.8	28.6	26.3	27.9	33.2	23.9	92	93	59	69	79	83	79.2	------
10	56.71	56.65	57.14	54.71	54.86	56.11	56.03	25.1	24.5	31.3	31.9	28.9	27	28.1	33.4	24.2	92	96	63	60	78	86	79.2	------
11	56.15	56.80	58.38	56.93	56.70	58.17	57.19	25.8	25.2	30.5	29.4	29.1	27.1	27.8	30.9	24.9	89	92	63	68	66	78	76	------
12	57.72	58.48	58.68	57.03	57.58	59.05	58.09	26.7	26.8	30.8	31.6	30.8	28.9	29.3	32.1	26.3	78	78	60	61	62	71	68.3	------
13	58.28	59.02	59.54	57.45	58.09	59.84	58.70	28	26.4	30	31	29.4	27.4	28.7	33.5	26.1	75	85	71	60	74	80	74.2	------
14	59.21	59.42	59.60	58.02	58.54	60.10	59.15	24.5	24	29.9	30.9	28.6	26.5	27.4	32.6	23.1	89	91	73	60	72	85	78.3	------
15	59.51	59.47	59.93	57.92	58.88	60.50	59.37	24.4	23.4	32.3	31.2	28.5	26.1	27.6	33.8	21.9	94	97	59	64	77	90	80.2	2.5
16	59.88	60.06	60.24	58.28	59.29	60.30	59.68	25	24.9	30.3	31.2	27.7	26	27.5	32.5	24.1	96	97	68	66	82	90	83.2	------
17	59.43	59.82	60.13	57.60	59.05	60.63	59.44	24.6	24.4	31.1	31.3	28.3	27.7	27.9	32.6	24	92	92	57	63	75	82	76.8	------
18	59.99	60.31	60.54	57.55	59.24	60.39	59.67	24.7	24.8	31	31.5	29.2	27	28	32.9	23.5?	88	89	65	65	74	80	76.8	10.9
19	60.33	60.43	60.30	57.35	58.20	59.60	59.37	24.3	24.5	30.6	30.1	28.1	25.9	27.2	31.1	23.5	95	96	65	69	79	89	82.2	------
20	58.83	59.35	59.76	57.67	58.16	60.02	58.96	25.1	25	30.2	30.6	28.3	26.5	27.6	31.5	24.3	92	93	71	69	81	92	83	------
21	59.12	60.18	60.44	58.58	59.69	61.31	59.89	26.2	27	29.9	29.2	27.8	26.5	27.8	32.8	24.1	84	86	71	75	84	89	81.5	------
22	60.91	61.41	61.24	58.98	59.76	61.41	60.62	25.1	25.2	29.8	30.5	27.8	25.9	27.4	31.3	24.1	92	92	75	67	79	93	83	------
23	60.92	60.43	60.63	57.94	58.38	59.92	59.70	24.7	24.4	30.6	31.7	28.3	26.7	27.7	32.4	23.7	93	95	68	61	74	84	79.2	------
24	58.94	59.69	59.50	57.19	57.90	58.90	58.69	25.3	24.7	30.8	30.2	28	25.4	27.4	32	24.1	91	95	69	70	79	92	82.7	------
25	58.26	57.63	58.87	56.95	57.92	59.18	58.14	24.3	24	31.5	33.6	29.4	27.2	28.3	34.2	23.5	96	97	66	54	68	83	77.3	------
26	58.40	58.06	58.86	56.72	56.84	58.11	57.83	25.3	26.3	32.4	33.2	27.8	26.6	28.6	34	24.5	94	96	62	59	71	79	76.8	------
27	57.34	56.77	56.92	54.96	55.93	56.64	56.43	25.8	26.5	32.7	27.6	27.6	27	27.9	34.4	25.3	85	86	61	86	76	82	79.3	1.8
28	55.57	55.56	56.27	54.33	55.19	56.61	55.59	25.5	25	31	32	28.6	27.3	28.2	33.5	24.7	93	94	71	64	76	84	80.3	------
29	55.52	55.75	56.09	54.42	55.55	56.74	55.68	26.6	26.5	32.3	30.2	28	27.1	28.4	33.6	25.6	87	88	57	64	79	83	76.3	------
30	56.76	56.85	56.93	54.72	55.85	57.35	56.41	25.8	25.7	31.1	31.8	28.8	27.6	28.5	32.3	24.6	89	90	62	58	71	79	74.8	7.1
31	57.12	57.20	57.30	55.45	56.31	57.26	56.77	25.7	25.5	29.5	30.2	27.8	27.4	27.7	32.1	24.5	91	92	72	68	82	83	81.3	------
Mean	58.52	58.77	59.18	56.98	57.70	59.08	58.37	25.1	24.9	30.7	30.8	28.4	26.5	27.7	32.7	24	90.5	92.3	66.6	65.5	75.9	85.4	79.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	28.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	2	N	2	N	1	N	1	4	Ci.-Cu.	Cu. E	9	Ci.-S.	Fr.-N. E
2	Calm	----	Calm	----	SE	3	NE	2	NNE	1	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. E
3	Calm	----	N	2	NE	2	NE	2	NNE	2	NE	1	2	Ci.	Fr.-Cu. NE	7	Ci.-S.	Fr.-Cu. E
4	NE	1	Calm	----	SSE	2	SE	3	E	2	Calm	----	3	Ci.	Cu.	3	Ci.	Cu. E
5	Calm	----	Calm	----	SE	3	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
6	Calm	----	Calm	----	SE	2	NE	1	E	1	Calm	----	4	Ci.	Fr.-Cu. E	7	Ci.-S.	Cu. E
7	Calm	----	Calm	----	E	1	E	2	E	1	ENE	1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
8	Calm	----	ENE	1	SE	3	SE	2	E	2	Calm	----	2	Ci.	Cu.	1	Ci.	Cu. E
9	Calm	----	NE	1	E	2	SSE	4	SE	1	Calm	----	2	Ci.	Cu.	1	Ci.	Fr.-Cu. E
10	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. SE
11	Calm	----	Calm	----	NE	1	SE	3	SE	1	Calm	----	6	Ci.	Cu. E	9	Ci.-S.	Cu. E
12	Calm	----	Calm	----	SE	3	SSE	3	Calm	----	Calm	----	4	Ci.-S.	Cu. E	4	Ci.	Fr.-Cu. SE
13	Calm	----	Calm	----	E	1	SE	2	Calm	----	Calm	----	4	Ci.	Cu.	7	Ci.-S.	Cu. E
14	Calm	----	Calm	----	NE	1	SSE	2	Calm	----	Calm	----	4	Ci.	Cu.	5	Ci.	Cu. E
15	Calm	----	Calm	----	S	2	SSE	4	SSE	5	S	5	1	Ci.	Cu.	6	Ci.-S.	Cu. SE
16	S	3	Calm	----	SSE	1	SSE	4	SE	3	Calm	----	8	Ci.-S.	Cu. SSE	3	Ci.-Cu.	Cu. SE
17	Calm	----	Calm	----	SE	3	S	4	SE	2	E	1	4	A.-Cu.	Cu. NE	2	Ci.	Cu.
18	Calm	----	Calm	----	SE	3	SSE	3	SE	1	Calm	----	3	Ci.	Cu.	2	Ci.-S.	Cu.
19	SSE	3	Calm	----	SE	2	SE	2	E	1	Calm	----	5	Ci.-S.	Fr.-Cu. ESE	1	Ci.	Cu.
20	Calm	----	Calm	----	ESE	3	SSE	4	Calm	----	NE	1	3	Ci.	Cu.	3	Ci.-S.	Cu.
21	Calm	----	SSE	1	SE	3	ESE	3	Calm	----	E	1	6	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
22	Calm	----	Calm	----	SE	3	ESE	3	Calm	----	ENE	1	4	Ci.-S.	Cu.	3	Ci.	Cu. E
23	Calm	----	Calm	----	SE	3	SSE	4	E	1	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
24	Calm	----	SE	1	SSE	3	SSE	3	E	2	Calm	----	6	Ci.-S.	Cu.	7	Ci.-S.	Cu. SE
25	Calm	----	Calm	----	NNW	2	NNE	1	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.-S.	Cu.
26	Calm	----	Calm	----	NE	1	NW	1	N	2	Calm	----	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
27	Calm	----	Calm	----	NNW	2	W	3	NNW	2	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N.
28	Calm	----	Calm	----	NE	1	S	3	NE	2	NNE	2	7	Ci.-S.	Cu.	5	Ci.-S.	Cu.
29	Calm	----	S	2	SE	2	NW	3	SW	3	SSW	4	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
30	SSW	3	SSW	3	SW	4	SW	5	SW	3	SW	4	6	Ci.	Fr.-Cu. sw	7	Ci.-S.	Cu. W
31	SSW	4	SSW	4	S	4	SSW	5	SSW	4	S	2	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. W
Mean	-------	0.5	-------	0.5	-------	2.3	-------	2.8	-------	1.4	-------	0.8	4.3	------------	------------	5	------------	------------

TAGBILARAN.

[$\phi=9°\ 38'$ N; $\lambda=123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.25	57.14	57.77	56.70	58.33	59.34	57.59	26.8	26.9	32	31.6	27.5	26.6	28.6	33.6	25.9	81	82	58	60	69	83	72.2	------
2	57.91	58.50	59.31	56.97	57.51	59.11	58.22	26.8	25.9	30	30.8	28.6	27.4	28.2	31.6	25.3	84	90	71	67	75	84	78.5	------
3	58.05	58.50	58.93	56.88	57.99	59.71	58.34	25.7	25	29.9	30.4	28.9	27.4	27.9	31.6	24.4	93	94	73	73	76	89	83	------
4	58.48	58.89	59.43	57.64	58.65	60.09	58.86	25.5	25.8	30.5	28.4	28	27.7	27.6	31.6	24.9	91	92	65	80	79	80	81.2	------
5	58.97	59.33	59.94	58.38	59.51	60.87	59.50	26.6	25	30	29.2	28.5	25.8	27.5	31.6	24.6	87	95	72	74	75	87	81.7	------
6	60.31	60.86	60.63	58.52	59.45	60.92	60.12	24.5	24.7	31	25.9	28.6	25.6	26.7	32	23.7	96	97	69	85	75	90	85.3	------
7	60.23	59.81	59.89	57.68	58.80	60.07	59.41	24.2	24.4	30	30	29	25.7	27.2	32.5	23.6	96	97	75	70	77	92	84.5	------
8	58.80	59.18	59.68	57.49	57.40	59.30	58.64	24.8	24.3	30.9	31.1	28.4	26.1	27.6	31.8	23.9	96	97	66	66	81	91	82.8	------
9	59.02	58.85	59.52	57.28	57.84	59.41	58.65	24.9	24.6	30.2	31.2	28.8	26.5	27.7	32.3	23.6	97	98	72	64	78	86	82.5	------
10	58.81	59.43	60.08	58.54	58.64	60.21	59.28	24.8	24.7	30.8	29.3	28.8	25.9	27.4	31.6	23.9	89	89	65	70	78	88	79.8	------
11	59.83	59.82	59.70	57.60	58.15	59.46	59.09	24.9	24.5	29.5	29.7	28.6	26.4	27.3	32.2	24.1	92	93	74	72	75	89	82.5	------
12	59.18	59.18	58.98	57.02	57.40	59.02	58.46	24.5	24.7	31	30.9	28.6	26.1	27.6	31.9	23.7	93	94	67	65	74	89	80.3	------
13	58.86	59.12	58.70	57	57.56	59.14	58.40	25	24.4	29.2	29.8	28.4	26.4	27.2	31.3	24	90	91	75	70	78	92	82.7	------
14	58.81	59.45	59.43	57.30	57.95	59.57	58.75	25.2	24.9	31	27.9	28.1	25.5	27.1	32.2	24.5	93	95	65	81	78	93	84.2	------
15	58.55	58.78	58.82	56.82	57.15	58.47	58.10	24.9	24.5	31.5	31.2	27.9	26	27.7	33.4	24.1	95	96	58	64	82	94	81.5	4.8
16	57.78	58.01	57.81	55.69	56.51	58.08	57.31	24.9	24.5	27.4	29.5	27.2	25	26.4	31.4	24.2	96	97	87	69	85	95	88.2	24.6
17	56.87	57.04	57.47	55.53	56.39	57.20	56.75	24.3	24.4	30.4	31	28.2	27.1	27.6	31.4	23.6	98	97	68	65	79	84	81.8	------
18	55.76	55.90	56.08	54.98	56.02	57.70	56.07	26.8	26.6	28.5	27.9	26.6	25.6	27	28.9	25	85	86	74	82	87	93	84.5	------
19	56.45	56.79	57.69	56.42	57.45	58.92	57.29	26.2	26.8	30	31	28.6	27	28.3	31.2	25.2	85	80	71	58	72	83	74.8	------
20	58.25	58.17	58.30	56.93	57.95	59.69	58.22	26.6	26	29.9	30.5	29.6	27.4	28.3	32.4	25.5	86	89	73	65	69	81	77.2	8.6
21	59.37	59.79	59.63	57.75	58.71	60.31	59.26	24.4	23.9	28.7	30.4	27.2	25.5	26.7	31.1	23.6	97	99	72	70	90	94	87	6.1
22	59.67	59.61	59.79	57.57	58.49	59.87	59.17	23.8	24	29.4	30.7	26	25.7	26.6	31.7	23.4	97	94	74	68	90	90	85.5	1
23	59.08	59.20	59.56	57.79	58.09	59.25	58.83	25	25.2	28.5	29.6	26.5	25.1	26.6	29.9	24.5	95	97	80	72	91	94	88.2	12.4
24	58.47	58.14	58.54	56.54	57.56	58.85	58.02	25	24.5	30.6	29.8	24.6	24.4	26.5	31.5	23.7	94	96	67	71	97	97	87	39.4
25	57.61	57.63	58.21	56.61	57.45	58.40	57.65	24	23.9	27.3	27.5	26.1	25.2	25.7	28.3	23.3	98	99	87	84	91	96	92.5	------
26	57.22	57.71	58.08	56.38	57.45	58.46	57.55	25.3	24.6	29.7	31	26.8	25.7	27.2	31.3	24.1	97	97	71	66	90	94	85.8	------
27	57.16	57.25	57.74	56.35	56.45	57.42	57.06	25.5	26	28.9	29.8	27.4	26.8	27.4	30.1	24.8	95	94	73	70	81	85	83	------
28	56.82	57	56.87	55.04	55.95	57.71	56.56	26	26.4	29.7	30.3	28	27.2	27.9	31	25.7	85	86	71	66	80	85	78.8	8.1
29	57.40	57.35	57.47	55.59	56.74	58.62	57.20	25.6	25.2	28.4	31.3	28.4	25.9	27.5	31.6	24.7	89	90	77	61	76	93	81	6.9
30	57.96	57.26	57.05	56.01	56.34	58.07	57.12	24.2	24.7	29.9	29	28	27.1	27.2	30.6	23.7	98	97	73	76	79	85	84.7	------
Mean	58.26	58.46	58.70	56.90	57.66	59.11	58.18	25.2	25	29.8	29.9	27.9	26.2	27.3	31.5	24.3	92.3	93.3	71.4	70.1	80.2	89.2	82.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	111.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	3	S	2	S	4	S	1	SW	5	SSW	3	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.
2	SSW	2	Calm	----	S	2	S	2	S	2	Calm	----	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
3	Calm	----	Calm	----	SSE	2	SE	3	Calm	----	Calm	----	5	Ci.-Cu.	Cu.	7	Ci.-S.	Cu.
4	Calm	----	Calm	----	SE	3	SE	2	Calm	----	S	4	5	Ci.	Fr.-Cu. SSE	9	Ci.-S.	Cu.-N.
5	S	4	Calm	----	ESE	3	SE	3	Calm	----	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
6	Calm	----	Calm	----	SE	1	NE	2	Calm	----	Calm	----	5	Ci.	Cu. SSE	8	Ci.-S.	Cu.-N.
7	Calm	----	NE	2	SSE	2	NE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu. E
8	Calm	----	Calm	----	SE	3	ESE	3	Calm	----	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. E
9	Calm	----	Calm	----	SSE	2	SE	4	Calm	----	Calm	----	3	Ci.	Cu.	2	Ci.	Cu.
10	Calm	----	Calm	----	SSE	3	E	2	Calm	----	Calm	----	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SE
11	Calm	----	Calm	----	SSE	3	SSE	2	Calm	----	Calm	----	3	Ci.	Cu.	5	Ci.-S.	Cu.
12	Calm	----	NE	1	SSE	3	SE	3	Calm	----	NNE	1	3	Ci.-Cu.	Cu.	2	Ci.	Cu.
13	Calm	----	Calm	----	SSE	4	SE	2	Calm	----	Calm	----	4	Ci.	Cu. E	5	Ci.-S.	Cu.
14	Calm	----	Calm	----	E	2	Calm	----	SSE	2	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
15	Calm	----	E	1	SE	1	SSE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
16	Calm	----	Calm	----	NE	2	SSE	2	E	2	SE	3	5	Ci.	Fr.-Cu. NE	6	Ci.-S.	Cu.
17	SSE	2	Calm	----	ESE	1	ESE	2	N	2	NNE	2	8	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. NE
18	NNW	2	NNW	1	W	3	SSW	5	SW	4	SSW	3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
19	S	3	S	4	S	3	SW	5	SSW	2	S	2	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
20	Calm	----	S	1	SSE	3	SE	2	S	1	S	2	9	Ci.-S.	Cu.	4	Ci.-S.	Cu.
21	SSE	1	Calm	----	SE	2	SSE	3	NE	1	NNE	2	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. SE
22	Calm	----	Calm	----	E	1	E	1	Calm	----	Calm	----	10	Ci.-S.	Fr.-N.	5	Ci.-S.	Cu.
23	Calm	----	Calm	----	NNE	1	SSE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
24	Calm	----	E	1	NNE	1	SSE	1	NNE	1	Calm	----	8	Ci.-S.	Cu.	6	Ci.	Cu.
25	Calm	----	Calm	----	NE	1	SSE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	----	Calm	----	NE	1	NNE	1	SW	2	Calm	----	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
27	SSW	1	S	1	SW	3	SSW	4	SSW	3	S	2	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
28	SSW	2	S	3	SSW	3	SSW	5	SSW	2	S	4	8	Ci.-S.	Cu.	4	Ci.	Fr.-Cu. SW
29	SSW	2	SSW	3	SW	4	S	3	SSW	3	SSW	3	9	Ci.-S.	Cu. SW	4	Ci.-S.	Cu.
30	SSW	2	Calm	----	S	3	S	1	S	2	S	2	9	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
Mean	-------	0.8	-------	0.7	-------	2.3	-------	2.3	-------	1.1	-------	1.1	6.2	------------	------------	6.3	------------	------------

TAGBILARAN.[a]

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, −1.86 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.28	57.10	57.55	55.99	57.50	58.70	57.35	25.8	25.6	30	32	27.7	25.5	27.8	32.3	24.4	86	87	66	58	73	89	76.5	----
2	57.87	57.62	57.90	56.38	57.51	58.73	57.67	24	25.5	30	30.5	27.3	25.2	27.1	31.2	23.8	97	93	71	68	76	92	82.8	2.8
3	57.58	57.75	57.63	55.73	56.52	57.75	57.16	25.3	24.5	30.5	30.8	28.8	27.4	27.9	31.9	24.1	93	96	67	64	71	73	77.3	----
4	56.49	56.89	57.45	55.82	56.66	58.02	56.89	26.3	26.4	29.6	29	27	26.4	27.4	30	25.6	81	81	66	68	72	81	74.8	8.6
5	56.89	57.07	57.75	56.61	56.90	57.31	57.09	26.1	24.4	26.2	26	26	26.1	25.8	28	24	81	92	87	87	81	78	84.3	----
6	55.94	56.81	57.21	54.83	55.26	56.86	56.15	26	26.1	29.8	31.6	28.6	27.2	28.2	32	25.3	82	86	67	57	73	79	74	----
7	56.79	56.99	57.22	55.48	55.98	57.75	56.70	26.6	26.6	30.9	31.5	28	27.6	28.5	32.2	25.8	81	80	60	60	79	81	73.5	----
8	56.79	56.91	57.53	55.94	57.19	58.27	57.10	26	25.3	30.4	32.4	29.4	25.7	28.2	32.8	24	89	92	63	53	70	88	75.8	----
9	57.72	58.11	57.83	56.09	57	58.53	57.55	24.5	24.5	31.3	32.6	29	27.9	28.3	33.2	23.4	98	98	61	50	64	70	73.5	----
10	58	58.15	58.17	56.82	57.87	58.60	57.94	26.6	26.8	31.4	32.9	29.4	27.1	29	33.3	26.1	82	83	62	52	68	83	71.7	----
11	58.20	58.79	59.13	57.56	58.28	58.98	58.49	27.1	27.2	29.6	31.7	29	26	28.4	32.2	25.5	84	84	70	57	73	87	75.8	----
12	58.40	58.57	59.10	57.92	58.34	59.54	58.64	26.8	26.4	31.4	31.5	29	27.2	28.7	32.6	25.7	83	90	62	57	71	84	74.5	----
13	58.69	58.77	59.02	57.69	58.57	59.66	58.73	27	26.5	30.8	32.8	28.5	27	28.8	33	26.1	86	89	65	56	75	77	74.7	----
14	59.10	59.78	59.64	57.99	58.34	59.78	59.10	24.7	24.4	32.6	30.1	29	27.4	28	32.9	23.8	93	95	57	67	76	81	78.2	----
15	59.52	59.11	59.07	57.31	58.08	58.78	58.64	26.8	26.5	32.2	31.7	28.7	27.5	28.9	34.5	25.3	83	82	56	57	78	79	72.5	----
16	58.15	58.24	58.20	56.32	57.33	58.12	57.73	27.1	26.8	31.3	30	28	26.1	28.2	32.6	25.3	81	83	63	62	70	83	73.7	----
17	57,35	57.41	58.57	57.44	57.60	58.23	57.77	26.3	25.4	25.4	27	25.9	25.8	26	30.1	24.5	79	83	88	83	83	78	82.3	1.1
18	57.84	57.72	58.13	55.96	57.16	58.37	57.53	26.1	25	29.3	32	27.9	26.8	27.8	32.4	24.7	79	89	69	57	77	74	74.2	----
19	57.65	57.84	57.79	55.97	56.83	57.99	57.34	26.3	26.4	29.5	31.3	27.9	26.4	28	31.5	25.3	82	86	67	60	77	88	76.7	----
20	57.36	57.71	58.16	56.71	57.03	58.37	57.56	26.2	25.4	30	29.5	26.6	26.4	27.4	30.5	24.7	87	91	67	73	87	87	82	.8
21	57.75	58.17	58.08	56.48	57.41	58.39	57.71	25.9	25.7	30.3	29.9	27.5	26.4	27.6	31.7	25.3	89	89	68	61	80	83	78.3	----
22	57.52	57.02	56.84	55.50	56.25	57.77	56.82	25.9	26.1	31	29.8	28.1	27.1	28	31.3	25.4	86	85	61	65	78	79	75.7	----
23	56.80	55.88	55.84	54.89	55.40	56.70	55.92	26	25.7	30.6	32	28.4	27	28.3	32.4	25.3	85	86	67	54	75	83	75	----
24	56.40	56.75	56.79	55.87	56.78	58.09	56.78	26.5	26	30.5	31.1	28.9	27.7	28.4	33.1	25.7	86	89	65	66	72	74	75.3	----
25	57.66	57.12	57.57	56.24	56.80	58.40	57.30	26.9	26.2	31.2	31.1	29.4	27.8	28.8	32.6	25.6	82	89	65	64	----	----	75	----
26	58.10	58	57.70	56.50	57.10	58.90	57.72	26.5	----	29.8	30.7	28.6	27.1	28.5	31.4	----	----	----	----	----	----	----	----	----
27	58.10	58.80	58.90	57.20	58.40	59.90	58.55	27	26.6	30.2	31	28.5	26.9	28.4	31.7	26	----	----	----	----	----	----	----	----
28	59.10	59.60	59.20	57.70	58.70	60.10	59.07	25.3	25.2	30.1	31.5	28.4	25.9	27.7	31.8	24.2	----	----	----	----	----	----	----	----
29	59.40	59.90	59.70	58.10	58.50	60	59.27	24	25.8	31.2	29.1	28.8	27	27.6	32.1	23.5	----	----	----	----	----	----	----	4.8
30	59.38	59.67	59.54	57.37	58.53	60.22	59.12	24.8	23.7	29.4	31	27.2	26.1	27	32.4	23.6	93	94	71	60	78	85	80.2	38.6
31	60.02	60.19	60	57.65	58.45	59.86	59.36	23.2	23	29	31.3	27.9	24.4	26.5	32.1	22.8	98	96	68	56	72	91	80.2	----
Mean	57.87	58.01	58.17	56.58	57.36	58.60	57.77	25.9	25.7	30.2	30.8	28.2	26.6	27.9	32	24.8	86.1	88.4	66.6	61.9	75	81.8	76.6	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	[b]56.7

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSW	1	SSW	2	S	2	SW	2	SSW	1	Calm	----	9	Ci.-S.	Fr.-Cu. SW	4	Ci.	Cu. SW
2	Calm	----	Calm	----	SSE	2	S	2	NE	2	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
3	Calm	----	Calm	----	ESE	2	SW	2	Calm	----	W	3	3	Ci.-Cu.	Cu.	6	Ci.-S.	Cu.
4	Calm	----	Calm	----	W	3	W	4	W	4	SW	2	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Fr.-Cu. WNW
5	SW	2	Calm	----	SW	3	SW	4	SW	2	SSW	2	10	Ci.-S.	Fr.-Cu. W	10	Ci.-S.	Cu.
6	S	1	SSW	4	SW	5	S	4	S	2	S	2	9	Ci.-S.	Cu.	4	Ci.	Cu.
7	S	3	S	3	S	3	S	2	S	1	S	2	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. SW
8	Calm	----	SSE	1	S	2	W	3	Calm	----	Calm	----	5	Ci.-S.	Cu.	1	Ci.	Cu.
9	Calm	----	S	1	WSW	3	W	4	W	3	WSW	2	3	Ci.	Cu. SW	2	Ci.	Cu.
10	W	2	W	2	WSW	5	W	4	WSW	3	Calm	----	6	Ci.-Cu.	Cu.	3	Ci.	Cu.
11	SW	2	WSW	3	SW	5	SW	5	Calm	----	Calm	----	9	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.
12	Calm	----	S	2	S	3	S	4	Calm	----	Calm	----	6	Ci.-S.	Cu.	4	Ci.-S.	Cu.
13	Calm	----	SE	1	S	3	SSW	4	Calm	----	Calm	----	4	Ci.-S.	Cu.	2	Ci.	Cu.
14	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. SW
15	Calm	----	Calm	----	SW	1	S	2	SW	2	Calm	----	8	Ci.	S.-Cu.	3	Ci.	Fr.-Cu. W
16	Calm	----	SSE	1	SW	2	W	4	SW	2	WSW	2	6	Ci.-Cu.	Cu. SW	9	Ci.-S.	Cu.
17	Calm	----	S	1	S	2	SW	2	SW	2	Calm	----	6	Ci.-Cu.	Fr.-cu. SSW	8	Ci.-S.	Cu.
18	Calm	----	SSW	1	SW	2	S	2	SW	3	Calm	----	4	Ci.	Cu. SW	2	Ci.	Fr.-Cu. W
19	Calm	----	SSE	2	SSW	3	S	4	SW	3	Calm	----	3	Ci.	Fr.-cu. SSW	4	Ci.	Fr.-Cu. W
20	Calm	----	Calm	----	SSE	2	SSE	3	S	2	Calm	----	7	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
21	Calm	----	Calm	----	S	2	SW	3	SSE	1	S	2	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. W
22	S	1	S	2	SSW	3	SW	4	SSW	2	SSW	1	9	Ci.	Cu. SW	7	Ci.-S.	Cu. W
23	Calm	----	SSE	2	S	3	S	4	SW	3	SSW	2	2	Ci.	Cu. SW	3	Ci.	Cu. WSW
24	S	1	SSW	2	S	3	S	4	SSW	3	S	1	7	A.-Cu.	Cu. W	5	Ci.-S.	Cu.
25	Calm	----	SSW	1	S	2	SSE	2	----	----	----	----	7	Ci.-S.	Cu.	4	Ci.	Cu. SW
26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
30	Calm	----	SSE	1	S	1	W	2	Calm	----	SSW	1	8	Ci.-S.	Cu.	2	Ci.	Fr.-Cu. NW
31	SSW	2	Calm	----	S	2	S	2	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
Mean	----	0.6	----	1.2	----	2.6	----	3.1	----	1.6	----	0.8	6.1	----	----	4.8	----	----

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[a] The pressure and temperature for July 25, 6 p. m. to 29, 10 p. m., are taken from a self-registering apparatus.

[b] 27 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.38	59.47	59.23	57.63	58.74	60.10	59.09	23.7	23.4	30.5	33	28	25.4	27.3	33.3	22.9	96	97	62	50	71	86	77	------
2	58.82	59.01	59.12	57.07	57.25	58.69	58.33	24.2	23.5	31	32	28.4	26	27.5	33.6	22.8	90	90	70	62	77	89	79.7	------
3	57.66	58.37	58.36	56.44	57.81	58.87	57.92	24.6	24.5	29	29.6	23.7	23.7	25.8	31	23.3	92	92	75	72	94	96	86.8	55.9
4	57.99	58.14	58.86	56.86	57.81	58.87	58.09	23.8	24.4	24.7	28.8	25.6	24.8	25.4	29.2	22.4	97	94	92	78	91	96	91.3	58.9
5	57.98	57.96	58.87	57	58.39	59.40	58.27	25.4	25.8	28	29.8	26.7	26.3	27	30.3	24.6	92	89	76	65	78	82	80.3	------
6	58.23	58.66	59.04	57.70	58.65	59.92	58.70	26	25.4	27.9	29	26	25.4	26.6	29.8	24.7	82	86	75	67	84	87	80.2	.3
7	58.82	58.73	59.28	57.36	58.03	59.28	58.58	24.9	25.2	28	28	26	25	26.2	28.3	24.3	88	83	70	71	83	90	80.8	------
8	58.69	58.53	58.92	57.22	58.12	59.50	58.50	24.5	25	26.7	27	26	25	25.7	29.2	23.9	94	90	83	83	87	90	87.8	1
9	58.61	58.33	58.71	57.11	57.46	58.99	58.20	24.7	24.9	29	29	27.1	26.9	26.9	30.6	23.8	92	92	69	66	79	79	79.5	------
10	57.97	58.33	58.48	56.57	57.41	57.93	57.78	26.2	25.7	29.2	30.4	28	26	27.6	30.7	24.7	82	84	67	61	70	78	73.7	------
11	56.63	56.01	56.43	55.28	55.52	56.79	56.11	25.8	26	28.8	29.9	27.9	27.4	27.6	30.5	25.4	82	85	68	59	72	80	74.3	------
12	56.09	56.11	56.60	54.73	55.79	56.73	56.01	27.2	27	29.1	31.5	28	27.1	28.3	32	26.6	81	81	66	54	74	85	73.5	------
13	56.34	57.22	57.20	55.44	56.70	57.87	56.80	26.8	26.9	30.8	31	28	27	28.4	32.1	26.2	84	80	65	61	77	83	75	------
14	57.72	57.95	57.77	56.33	57.09	58.09	57.49	25.3	25.1	30	30.2	28.4	25.5	27.4	30.5	24.5	93	90	71	70	77	88	81.5	------
15	57.82	58.03	58.33	56.01	57.25	58.71	57.69	24.3	24.6	27.6	31.1	28.6	26.4	27.1	31.6	23.5	98	97	85	60	72	86	83	5.6
16	57.72	57.88	58.04	55.80	56.96	58.14	57.42	25.1	25	30	31	26.9	25.3	27.2	31.8	24.4	94	92	67	59	83	89	80.7	------
17	57.56	57.98	58.68	56.69	57.92	58.96	57.96	24.3	23.7	29	29.2	23.6	23.9	25.6	31.1	23	95	97	75	76	95	94	88.7	67.3
18	58.61	58.29	58.80	56.63	57.44	58.64	58.07	23.1	23.6	28	30	27.8	25.6	26.4	30.5	22.7	99	97	82	71	82	93	87.3	3
19	58.05	57.87	58.45	56.54	57.38	58.70	57.83	24.7	24.5	30	31.4	28.8	26.6	27.7	32	23.7	98	98	70	64	75	87	82	------
20	57.98	57.94	58.43	56.33	56.60	58.16	57.57	25.5	26.3	30	31	28.2	27.4	28.1	31.2	24.7	93	85	70	56	69	74	74.5	------
21	57.14	58.09	58.10	55.67	56.52	58.26	57.30	26.4	26	30.1	31.2	28.4	27.1	28.2	31.7	25.6	82	86	71	58	70	81	74.7	------
22	57.90	58.46	58.67	56.83	57.97	59.48	58.22	26.8	26.7	31	32	28.4	25.3	28.4	32.2	24.8	83	83	59	50	72	94	73.5	------
23	59.04	59.22	59.35	57.88	58.35	59.75	58.93	26.1	26.2	31.2	29.8	27.8	25.3	27.7	31.5	24.3	89	90	58	65	78	89	78.2	------
24	59.22	59.59	59.88	57.98	58.74	60.15	59.26	24.5	26.4	30.8	30.8	29	27.6	28.2	31.5	23.7	97	82	59	60	69	75	73.7	------
25	59.20	59.19	59.50	57.33	57.73	58.66	58.60	26.8	26.5	31.1	33	29	27.1	28.9	33.6	24.2	78	79	62	45	64	75	67.2	------
26	58.04	58.24	58.12	56.18	57.27	58.21	57.68	27	26.2	31.2	32.2	29	27.6	28.9	32.9	25.6	78	87	58	51	65	73	68.7	------
27	57.59	57.62	57.67	55.92	57.25	58.96	57.50	26.6	26.7	31.1	32.4	29.1	27.6	28.9	32.7	26.2	80	80	60	52	65	73	68.3	------
28	58.58	59.32	59.32	57.27	58.27	59.83	58.76	26.8	25.6	30.9	32.7	29	26	28.5	33	24.7	77	84	60	47	64	85	69.5	------
29	59.32	59.74	59.48	57.72	58.60	60.06	59.15	26.6	26.5	32	33.1	29.2	27	29.1	33.4	24.8	83	86	57	49	64	76	69.2	------
30	59.27	59.44	60	58.11	58.98	59.64	59.24	26.5	26.4	30.2	32	28.2	27.2	28.4	32.2	24.8	82	86	64	54	72	75	72.2	------
31	58.26	58	58.42	56.71	57.67	58.94	58	27.2	26.9	31	32	29	27.6	29	32.4	26.3	76	80	63	55	68	76	69.7	------
Mean	58.14	58.31	58.58	56.72	57.60	58.85	58.03	25.5	25.5	29.6	30.8	27.7	26.2	27.5	31.5	24.4	88	87.8	68.7	61	75.5	84	77.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	192

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	SE	1	S	2	S	2	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
2	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	3	Ci.	Cu.	1	Ci.	Cu. W
3	Calm	----	Calm	----	S	2	SSW	2	SSW	2	Calm	----	9	Ci.-S.	Cu.	8	Ci.-S.	Cu. W
4	Calm	----	Calm	----	SSW	2	SSW	2	S	2	SSW	1	10	------------	N. W	8	Ci.-S.	Cu.
5	Calm	----	S	2	WSW	3	S	2	S	2	SSW	2	4	Ci.	Cu. SW	5	Ci.	Cu.
6	Calm	----	SSW	2	SW	4	SW	4	SW	3	SSW	3	8	Ci.	Cu. SW	9	Ci.-S.	Cu.
7	SSW	3	S	2	SW	2	SW	4	SW	3	SW	2	6	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.
8	SW	3	SSW	3	SW	3	SW	3	SSW	2	SW	1	9	Ci.-S.	Cu. W	10	Ci.-S.	Fr.-N. W
9	SSW	2	S	1	SW	3	SW	3	SSW	3	SSW	3	8	Ci.-S.	Cu. SW	10	Ci.-S.	Fr.-N. W
10	SSW	3	SW	4	SSW	4	W	3	SW	3	SSW	1	10	Ci.-S.	Fr.-N. WSW	7	Ci.-S.	Cu.
11	SSW	2	SW	3	S	4	SW	5	SSW	3	S	3	10	Ci.-S.	Cu. W	9	Ci.-S.	Cu.
12	S	3	S	4	SSW	3	SW	4	SSW	3	SSW	3	10	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.
13	SSW	2	S	3	SW	3	SSW	2	S	1	Calm	----	9	Ci.-S.	Cu. SW	4	Ci.-S.	Cu.
14	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	3	Ci.	Cu.	5	Ci.-S.	Cu.
15	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	4	Ci.-S.	Cu.	5	Ci.-S.	Cu.
16	Calm	----	Calm	----	SSW	1	S	3	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Fr.-Cu. SW
17	Calm	----	Calm	----	S	2	SSE	3	SSW	1	Calm	----	5	Ci.-S.	Cu.	7	Ci.	Cu. SW
18	Calm	----	Calm	----	SW	1	S	2	Calm	----	Calm	----	4	Ci.	Cu. SW	6	Ci.-Cu.	Cu. SW
19	Calm	----	Calm	----	SSW	2	SSE	2	SW	1	Calm	----	8	Ci.-Cu.	Cu. SW	3	Ci.	Cu. S
20	Calm	----	S	2	SSW	3	SW	4	SSW	2	SW	2	3	Ci.	Fr.-Cu. SSW	7	Ci.-S.	Cu.
21	S	1	SSW	2	S	3	S	4	SSW	2	Calm	----	2	Ci.-Cu.	Cu.	1	Ci.	Cu.
22	Calm	----	SSE	1	S	3	SSW	3	Calm	----	SSW	1	2	Ci.	Cu.	2	Ci.	Cu.
23	Calm	----	Calm	----	S	2	S	3	SSW	1	Calm	----	1	Ci.	Cu.	4	Ci.-S.	Cu.
24	S	2	S	3	S	2	S	3	S	1	S	3	2	Ci.	Cu.	2	Ci.	Cu.
25	S	1	SSW	2	SSW	3	SW	3	Calm	----	S	2	3	Ci.	Cu.	1	Ci.	Cu.
26	Calm	----	SSE	1	S	4	S	4	SSW	2	Calm	----	3	Ci.	Fr.-Cu. SSW	1	Ci.	Cu.
27	S	1	SSW	2	S	3	SW	5	SSW	1	Calm	----	2	Ci.	Cu.	1	Ci.	Fr.-Cu. W
28	Calm	----	Calm	----	SW	4	WSW	5	SW	2	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
29	Calm	----	Calm	----	SSW	3	SW	2	Calm	----	Calm	----	4	Ci.	Cu.	1	Ci.	Cu.
30	Calm	----	Calm	----	SW	2	WSW	3	SSW	1	SW	3	5	Ci.	Cu.	2	Ci.	Fr.-Cu. W
31	SW	2	SSW	2	WSW	5	SW	5	SW	3	SSW	2	2	Ci.	Fr.-Cu. W	2	Ci.	Cu.
Mean	-------	0.8	-------	1.3	-------	2.7	-------	3.1	-------	1.4	-------	1	5	------------	------------	4.6	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.64	57.66	58.02	55.80	57.37	58.10	57.43	27.2	27	30.9	33	29.1	27.9	29.2	33.3	26.6	80	82	57	50	69	78	69.3	----
2	57.15	57.53	57.65	55.79	56.70	57.83	57.11	27.1	27.3	30.3	32.2	28.5	27.6	28.8	32.4	26.5	83	81	59	55	69	81	71.3	----
3	56.44	56.71	57	54.96	55.95	57.61	56.44	27.1	27.3	30.9	31.9	28.6	28.1	29	32.4	26.6	83	80	59	56	72	75	70.8	----
4	56.20	56.77	57.17	55.33	55.78	57.15	56.40	27.2	27	30.3	31.4	28.3	27.6	28.6	32.3	26.5	81	81	61	52	73	77	70.8	----
5	57.01	56.91	56.87	54.61	55.63	57.19	56.37	26.9	26.5	31	32.6	28.9	27.6	28.9	33	25.9	80	82	67	49	65	79	70.3	----
6	56.94	56.67	56.82	55	56.02	57.20	56.44	26.6	26.3	31	32.9	28.9	27.9	28.9	33.4	25.8	82	81	64	50	69	79	70.8	----
7	56.85	56.62	56.94	55.15	56.60	57.91	56.68	27	26.8	31.8	32.9	28.9	26.1	28.9	34	25.6	83	82	57	52	70	86	71.7	----
8	56.99	56.80	57.14	55.18	56.69	57.90	56.78	26.6	26.9	30.5	32.8	29	27.3	28.8	33.6	26.1	80	76	60	57	70	82	70.8	----
9	57.53	57.25	57.34	55.76	56.93	58.29	57.18	26.3	27	31.8	32.3	29.5	28	29.2	34.1	25.9	89	83	59	47	68	77	70.5	----
10	58.01	57.89	58.54	56.93	57.70	59.30	58.06	27.2	27	31.7	32.6	29	27.1	29.1	33.1	26.2	81	80	59	54	66	80	70	----
11	58.60	58.84	59.11	57.06	58.48	59.85	58.66	26.5	26.6	31.7	33.9	28.8	27.4	29.2	34.5	25.9	84	83	58	50	67	75	69.5	----
12	59.02	58.96	58.89	57.25	58.44	58.96	58.59	26.4	26.9	28.6	30.8	28.2	27.1	28	32.3	25.7	80	76	69	59	72	68	70.7	----
13	58.72	58.80	59.30	57.62	58.24	59.60	58.71	26.5	27	30	28.2	27	26.4	27.5	32.2	24.7	74	73	64	64	72	76	70.5	----
14	58.70	58.91	59.54	57.75	59.08	60.26	59.04	25.2	25.4	30.6	31.3	28.6	25.9	27.8	31.6	24.2	84	82	58	61	71	84	73.3	----
15	59.91	59.81	60.28	57.52	58.36	59.65	59.26	24.7	23.9	30.5	33.2	28.4	26.5	27.9	33.5	23.7	91	96	66	55	76	86	78.3	----
16	58.93	59.02	59.34	56.83	57.73	59.24	58.52	25	25	31.7	33.4	28.3	26	28.2	34.1	24.5	93	88	65	50	72	85	75.5	----
17	58.55	58.56	58.61	56.08	57.31	59.26	58.06	24.6	23.9	32.2	29.5	28.5	26	27.4	33	23.4	92	93	58	73	72	88	79.3	----
18	58.83	58.82	59.58	57.02	58.53	60.15	58.82	24.9	24.8	31.6	32.4	28.5	27.4	28.3	33.2	23.7	94	93	62	63	76	81	78.2	----
19	59.31	60.03	60.79	58.31	59.48	60.92	59.81	26.1	24.5	29.5	26.5	27	25.7	26.6	30.1	24	85	93	73	88	84	93	86	82.8
20	59.85	60.14	60.45	58.14	58.95	60.12	59.61	24.6	23.2	30.5	29	27.1	25.4	26.6	32.5	22.8	92	96	72	75	86	95	86	----
21	59.18	58.94	59.91	57.85	58.01	59.27	58.86	24	23.7	31.9	26.6	25.6	24.8	26.1	83	23.3	96	97	63	85	91	97	88.2	.5
22	58.17	58.16	58.89	56.74	57.41	58.72	58.02	24.8	24.9	28.2	28.5	26.1	24.7	26.2	29.9	24	96	96	80	75	89	93	88.2	----
23	57.56	57.37	58.01	56.09	57.21	58.57	57.47	23.7	24.9	30.5	28	26.6	26.7	26.7	31.3	23	95	96	66	74	85	86	83.7	----
24	57.65	57.46	58.20	56.18	57.58	59	57.68	26.1	26	30.7	31	28	27	28.1	32.2	25.5	86	86	65	63	76	83	76.5	----
25	58.07	58.42	58.50	56.44	58.01	59.12	58.09	26.1	25.8	29.9	29.9	27.1	26.2	27.5	31.9	25.3	85	86	67	59	74	79	75	----
26	58.28	59.21	59.03	56.97	58.40	59.22	58.52	25.7	25.9	30.3	30.3	26.9	25.9	27.5	31.3	24.8	81	78	60	67	75	81	73.7	.8
27	58.79	59.47	59.55	56.78	57.95	59.91	58.74	25.7	25.2	29.2	30.2	27.6	27.1	27.5	31.3	24.7	84	88	68	64	74	82	76.7	----
28	58.70	59.34	59.82	57.24	58.46	59.41	58.83	26.9	26.3	31	30.5	28.6	24.4	28	31.4	23.2	83	86	60	63	63	87	73.7	----
29	58.54	59.28	59.33	57.35	58.69	59.76	58.82	23.2	23.9	29.9	30.4	27.5	24.7	26.6	30.7	22.7	97	92	71	66	78	86	81.7	----
30	58.78	59.43	59.53	57.47	58.88	60.32	59.07	23	23.9	31.1	31.2	28.8	26.3	27.4	31.6	22.5	97	96	61	62	72	79	77.8	----
Mean	58.16	58.33	58.67	56.57	57.69	58.99	58.07	25.8	25.7	30.7	31	28.1	26.6	28	32.4	24.8	86.4	86.1	63.6	61.3	73.9	82.6	75.6	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	84.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	SSW	2	SW	5	WSW	4	SSW	2	SSW	3	3	Ci.	Cu.	2	Ci.	Cu.
2	SW	2	SW	3	SW	4	SW	4	SW	2	WSW	3	5	Ci.-S.	Cu. WSW	5	Ci.-S.	Cu. W
3	SW	2	WSW	3	SW	5	SSW	4	SW	3	SW	3	5	Ci.-S.	Cu. W	5	Ci.-S.	Cu.
4	Calm	----	Calm	----	S	4	SW	4	SW	3	S	2	10	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.
5	S	2	S	1	SSW	3	SW	4	SSW	3	SSW	2	4	Ci.	Cu.	5	Ci.	Fr.-Cu. WNW
6	Calm	----	S	1	SW	3	WSW	5	SSW	3	SSW	2	2	Ci.	Cu.	2	Ci.	Fr.-Cu. W
7	Calm	----	S	1	SW	4	SW	4	SW	3	SSW	2	3	Ci.	Cu.	3	Ci.	Fr.-Cu. W
8	Calm	----	S	2	SW	3	WSW	2	SW	3	SSW	3	4	Ci.-Cu.	Cu. SW	5	Ci.-S.	Cu.
9	SSW	2	SSW	3	SW	4	W	2	SW	2	SW	2	8	Ci.-S.	Cu. SW	4	Ci.-S.	Cu. WNW
10	Calm	----	SSW	1	SSW	2	SW	1	SSW	2	SW	3	7	Ci.-S.	Cu. W	3	Ci.	Cu.
11	Calm	----	Calm	----	SSW	2	SW	2	SSW	2	S	1	2	Ci.	Cu.	3	Ci.	Cu. W
12	Calm	----	SSW	1	W	3	SW	2	SW	2	SSW	1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
13	Calm	----	Calm	----	SW	2	WSW	3	SW	1	Calm	----	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
14	Calm	----	Calm	----	S	3	SSW	2	Calm	----	Calm	----	4	A.-Cu.	Cu.	7	Ci.-S.	Cu.
15	Calm	----	Calm	----	SSW	2	S	2	Calm	----	Calm	----	7	Ci.-S.	Cu.	2	Ci.	Cu.
16	Calm	----	Calm	----	W	1	SW	3	Calm	----	Calm	----	4	Ci.	Cu.	2	Ci.	Cu.
17	Calm	----	SSE	1	S	2	S	3	S	2	Calm	----	4	Ci.	Cu.	6	Ci.-S.	Cu.
18	Calm	----	Calm	----	S	3	S	2	Calm	----	S	2	1	Ci.	Cu.	4	Ci.-S.	Cu.
19	S	2	Calm	----	S	2	Calm	----	Calm	----	Calm	----	4	Ci.	Cu.	9	Ci.-S.	Cu.
20	Calm	----	Calm	----	S	2	SSW	3	Calm	----	Calm	----	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
21	Calm	----	Calm	----	S	1	S	2	Calm	----	SSW	1	4	Ci.	Cu.	10	Ci.-S.	Cu.-N. SSW
22	Calm	----	Calm	----	SSW	2	S	2	Calm	----	Calm	----	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
23	Calm	----	Calm	----	W	1	SW	1	Calm	----	SW	1	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	Calm	----	SSW	1	SW	3	SSW	2	SSW	2	SW	3	7	A.-Cu.	Cu. W	8	Ci.-S.	Cu.
25	Calm	----	S	3	SSW	3	SW	3	W	4	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu.
26	Calm	----	Calm	----	SW	3	SSW	2	SW	3	SSW	1	6	Ci.	Cu. SW	4	Ci.	Fr.-Cu. SW
27	Calm	----	Calm	----	SW	3	SW	4	SW	3	Calm	----	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
28	Calm	----	Calm	----	SSW	2	SSE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.
29	Calm	----	Calm	----	SSE	3	S	3	Calm	----	Calm	----	6	Ci.-S.	Cu.	4	Ci.-S.	Cu.
30	Calm	----	Calm	----	SSE	2	SE	3	SSE	1	Calm	----	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
Mean	----	0.3	----	0.8	----	2.7	----	2.7	----	1.5	----	1.2	5.5	----	----	5.7	----	----

TAGBILARAN.[a]

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.46	59.90	60.07	57.79	58.73	60.02	59.33	24.1	24	31	28.7	25.1	25	26.3	32.8	23	90	90	67	75	80	86	81.3	-----
2	59.16	59.42	60.22	57.61	58.71	60.33	59.24	25	24.3	30.5	26.5	26.2	24.5	26.2	31.4	23.9	84	89	71	93	89	94	86.7	1.8
3	59.78	60.02	60.41	58.55	59.58	60.85	59.86	24	23.5	31.5	25.4	26.7	24.8	26	32	22.7	95	96	60	88	87	92	86.3	20.8
4	59.84	60.36	60.67	58.44	58.91	60.45	59.78	23.6	23	29.9	30.2	27.5	24.3	26.4	30.9	22.2	95	97	68	62	78	87	81.2	-----
5	59.87	60.54	61.15	58.68	59.74	60.31	60.05	22.7	22.3	30.2	30.1	27	24.8	26.2	30.6	21.6	94	96	62	68	79	83	80.3	-----
6	59.42	60.29	60.75	58.83	59.26	60.06	59.77	23.3	23.3	30.2	30	27.1	24.8	26.4	31	22.5	94	95	70	68	80	91	83	-----
7	59.91	59.52	60.02	58.20	59	60.31	59.49	23.9	23.3	29.8	29	27	25.6	26.4	31.4	22.6	94	95	71	77	83	93	85.5	4.1
8	59.73	60.67	60.93	58.66	60.01	60.91	60.15	24.6	24.6	28.8	28.6	27	24.9	26.4	29.7	23.6	94	95	78	79	86	92	87.3	7.4
9	60.18	60.94	61.19	58.96	59.95	60.81	60.34	23.4	24	30	26.8	25	24.5	25.6	30.4	22.7	97	97	73	84	88	91	88.3	5.1
10	59.86	60.09	60.61	58.81	59.92	60.52	59.97	23.3	23	27.7	25.7	25.7	24.5	25	29.6	22	91	92	81	90	90	94	89.7	18.7
11	59.19	59.42	59.95	57.55	58.81	59.75	59.11	24	23.4	29	28.9	27	24.8	26.2	30.5	22.7	94	95	76	71	86	92	85.7	-----
12	59.24	59.52	59.96	57.63	58.97	59.73	59.18	23.6	23.5	30.9	29.7	26.9	25.3	26.6	32.4	22.8	95	96	69	72	78	88	83	-----
13	59.52	60.32	60.62	58.58	59.71	61.13	59.98	24.5	23.9	29.7	30.6	27.6	25.1	26.9	30.9	22.8	92	94	67	64	78	90	80.8	-----
14	60.54	60.68	61.39	59.19	59.89	61.09	60.46	23.9	23.4	30	30.3	27	24.6	26.5	32.2	22.7	92	93	69	67	80	87	81.3	-----
15	60.36	60.54	61.09	58.28	59.16	60.46	59.98	24	23	30.3	29.9	26	24.5	26.3	31.1	22.5	89	95	66	69	89	92	83.3	1.8
16	59.76	60.54	61.22	58.44	59.35	60.93	60.04	23.3	23.3	29.9	30	27.8	24	26.4	30.9	22.7	96	96	66	64	77	92	81.8	-----
17	60.17	61.13	61.47	59.12	60	61.09	60.50	22.9	22.1	29.6	30.1	27.2	25.1	26.2	31.4	21.5	95	96	66	61	79	88	80.8	-----
18	60.72	61.21	61.73	59.19	59.60	60.90	60.56	24.1	22.6	30.1	30.5	28.8	25	26.8	31.2	21.9	90	97	69	63	69	86	79	-----
19	60.29	60.49	61.03	58.70	59.78	60.93	60.20	23.4	22.5	30.5	30.9	27.3	25	26.6	32	21.8	94	96	67	65	80	85	81.2	-----
20	60.13	61.06	61.46	59.14	60.49	61.63	60.65	23.7	23.7	30.9	30.5	27.6	25.7	27	31.9	22.9	92	93	66	66	81	88	81	-----
21	60.49	61.52	61.69	59.58	60.45	61.85	60.93	23.9	23.6	31.2	31	27.1	25.2	27	31.5	22.8	94	95	68	67	84	90	83	5.7
22	60.92	61.02	61.25	59.59	60.06	60.64	60.58	23.6	22	29.8	31.2	27.2	25.7	26.6	31.4	21.4	92	95	62	62	78	81	78.3	-----
23	59.78	60.59	60.94	58.98	60.22	61.21	60.29	24.3	23.2	30.4	29.7	25.7	24.3	26.3	31.9	22.6	91	97	60	68	86	91	82.2	15
24	60.57	61.03	61.07	59.39	60.15	61	60.54	23.2	23.2	31.2	26.1	25.4	24.9	25.7	31.5	22.1	91	92	60	91	88	92	85.7	2.8
25	60.22	60.46	60.90	59.26	60.91	61.99	60.62	24.3	24.3	28.7	28.9	26.2	25.1	26.2	29.5	23.6	95	96	75	71	87	92	86	-----
26	60.76	61.20	61.42	58.81	59.99	60.81	60.50	24.4	23.9	29.9	28	26.1	24	26	31.3	23.2	95	97	69	82	88	93	87.3	23.4
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60	60.48	60.89	58.69	59.67	60.76	60.08	23.8	23.3	30.1	29.1	26.7	24.8	26.3	31.2	22.5	92.9	94.8	68.3	72.6	82.6	89.6	83.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[b]106.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	S	1	SSE	3	SSE	3	S	1	Calm	----	2	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
2	Calm	----	Calm	----	S	2	S	1	Calm	----	Calm	----	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
3	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.-S.	Cu.
4	Calm	----	Calm	----	SSE	2	S	2	Calm	----	Calm	----	3	Ci.	Cu.	8	Ci.-S.	Cu.
5	Calm	----	Calm	----	SE	2	SSE	3	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
6	Calm	----	Calm	----	SE	3	S	1	Calm	----	Calm	----	5	A.-Cu.	Cu.	3	Ci.	Cu.
7	Calm	----	Calm	----	SSE	1	S	2	Calm	----	Calm	----	4	Ci.	Cu.	6	Ci.	Cu. SE
8	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.
9	Calm	----	Calm	----	W	1	SW	1	Calm	----	Calm	----	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.
10	Calm	----	SE	1	S	1	SSW	1	Calm	----	Calm	----	1	Ci.	Cu.	10	Ci.-S.	Cu.
11	Calm	----	Calm	----	W	2	S	2	Calm	----	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu.
12	Calm	----	Calm	----	W	2	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Fr.-Cu. S
13	Calm	----	Calm	----	W	2	S	3	Calm	----	Calm	----	8	Ci.-S.	Cu.	3	Ci.	Fr.-Cu. SW
14	Calm	----	Calm	----	W	2	S	2	Calm	----	Calm	----	2	Ci.	Cu.	4	Ci.	Fr.-Cu. SW
15	Calm	----	Calm	----	S	2	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. SE
16	Calm	----	Calm	----	SSE	3	SSE	2	Calm	----	Calm	----	4	Ci.	Fr.-Cu. W	3	Ci.	Cu.
17	Calm	----	Calm	----	SSE	1	S	2	Calm	----	ESE	2	1	----	Cu.	2	Ci.	Cu.
18	Calm	----	Calm	----	S	3	SSE	2	Calm	----	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. SE
19	Calm	----	Calm	----	S	3	S	3	SE	2	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
20	Calm	----	SSW	1	SW	1	SSE	2	SE	1	Calm	----	4	Ci.	Cu. W	5	Ci.	Cu. E
21	Calm	----	Calm	----	SSE	3	SW	1	SE	1	Calm	----	3	Ci. S	Cu.	3	Ci.	Cu. SE
22	Calm	----	E	1	SE	3	W	3	Calm	----	SE	2	1	Ci.	Cu.	4	Ci.	Cu.
23	Calm	----	Calm	----	SE	2	SE	3	Calm	----	SE	1	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
24	Calm	----	E	1	SSE	1	SSE	1	Calm	----	Calm	----	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.
25	Calm	----	SE	1	S	2	S	4	Calm	----	SE	1	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. SE
26	Calm	----	Calm	----	SE	2	SSE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mean	----	0	----	0.2	----	2	----	2	----	0.2	----	0.2	3.5	----	----	5.9	----	----

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[a] This station was temporarily closed from October 27 to 31.
[b] 26 days of observation.

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.77	61.56	61.75	59.35	60.77	61.69	60.98	24.4	23.5	29.5	30	25.2	24.4	26.2	31.2	22.7	92	96	73	69	87	90	84.5	4.9
2	60.61	61.13	61.32	58.85	60.10	60.96	60.50	23.6	23	29.2	31.3	27.1	24.7	26.5	31.6	22.5	94	97	76	59	77	87	81.7	------
3	60.06	60.21	60.02	58.16	59.01	60.06	59.59	22.9	23	30.2	28.5	26.8	24.7	26	31.4	22	93	94	68	74	78	86	82.2	------
4	59.29	60.44	60.73	58.65	59.66	61.11	59.98	24	23.3	29.3	30.2	26.5	25.5	26.5	31.2	22.6	90	94	74	66	86	88	83	------
5	59.82	60.57	61.14	58.74	59.79	60.28	60.06	24	23.7	29.5	29.3	26.5	24.5	26.2	30.3	22.8	91	93	75	72	86	92	84.8	------
6	59.46	59.73	60.05	58.02	58.21	60.01	59.25	23.1	23.2	30.3	30.5	26.3	23.8	26.2	30.8	22.4	94	97	68	68	88	89	84	------
7	58.93	59.38	59.75	57.53	58.16	59.13	58.81	23.5	22.5	30.4	28	26.8	24.2	25.9	31.1	21.8	90	94	64	81	83	90	83.7	------
8	58.55	59.33	59.55	57.25	58.30	59.13	58.68	22.2	22.2	29.9	30.6	26.5	23.6	25.8	31.4	21.4	93	96	67	68	82	86	82	------
9	58.74	59.39	59.83	57.81	58.86	60.12	59.12	22	22	29.5	30.1	27.1	24.6	25.9	31.4	21.1	96	96	68	67	78	83	81.3	------
10	58.88	59.44	59.58	57.53	58.36	58.93	58.79	22.9	23	28.9	29.5	26.6	24.3	25.9	30.6	21.8	90	97	71	67	86	91	83.7	------
11	58.48	58.77	58.89	56.52	57.80	58.59	58.18	22.9	23.6	29.6	29.2	26.7	25.1	26.2	31.8	22.3	92	95	67	79	83	88	84	------
12	57.98	58.73	59.39	57.19	57.95	59.12	58.39	24.4	24.2	29.2	29.5	26.5	24.2	26.3	31.5	23	91	95	70	72	85	93	84.3	------
13	58.44	59.24	59.83	57.52	58.70	59.61	58.89	22.6	22.5	30.7	29.8	26.1	23.7	25.9	31.4	21	94	96	67	69	85	91	83.7	------
14	58.92	59.69	59.92	57.20	58.40	59.40	58.92	22.6	22.5	30.4	29.9	27.4	25.5	26.4	32.6	21.2	94	97	66	71	80	86	82.3	------
15	58.18	58.62	59.44	56.93	58.15	59.36	58.45	24.6	23.6	29.3	30.4	27.2	24.1	26.5	31.5	22.5	90	94	72	68	80	86	81.7	------
16	58.42	58.89	59	56.67	57.31	58.48	58.13	22	22.2	30.4	31.1	28	25	26.4	32.5	21.2	88	93	60	58	67	80	74.3	------
17	57.79	58.53	59.15	56.87	57.85	58.88	58.18	23.6	23.5	31.1	31	27.2	25.1	26.9	31.9	22.7	91	94	63	63	79	90	80	------
18	58.20	58.72	59.36	57.15	58.54	59.91	58.65	24.4	24.3	31	30.2	27.9	24.9	27.1	32.3	23.6	91	91	63	70	78	87	80	.3
19	58.82	59.07	59.94	57.88	59.10	60.22	59.17	23.9	23.4	30	29.2	26.8	25.1	26.4	32.2	22.6	94	97	71	79	90	89	86.7	------
20	59.69	59.62	60.59	57.93	59.04	60.30	59.53	23.6	23.3	31.5	31.6	27.7	25.1	27.1	32	22.4	95	96	65	68	83	92	83.2	------
21	59.84	59.92	60.48	58.07	59.09	60.25	59.61	23.8	23.4	31.5	31	27.6	24.7	27	32.4	22.5	95	97	63	64	79	89	81.2	------
22	59.73	59.42	60.33	58.08	59	60.28	59.47	23.7	24.1	32	28.7	27.3	24	26.6	32.5	22	94	94	57	78	85	88	82.7	------
23	59.72	60.02	60.29	58.40	59.13	59.87	59.57	22.5	22	30.6	29	26.7	24.7	25.9	32.4	21.4	96	97	67	78	78	87	83.8	1
24	59.11	59.97	60.21	57.98	58.66	59.96	59.32	23.4	24	28.5	27.2	26.4	25.8	25.9	30.6	22.7	95	93	78	84	88	91	88.2	2.3
25	58.78	58.47	59.20	57.68	59.09	59.79	58.84	24	24	30	29.7	26.6	25.6	26.6	31.3	23.3	96	97	73	71	86	91	85.7	------
26	58.07	58.20	56.68	57.14	59.42	60.28	58.30	24.4	24.9	24.1	25	24.2	22.9	24.2	25.3	21.9	95	92	97	92	97	97	95	87.1
27	59.48	60.12	60.43	58.22	59.29	60.32	59.64	22.9	23.3	29.6	29.4	26.9	25.2	26.2	30.6	21.8	98	97	72	77	87	93	87.3	------
23	59.47	59.83	59.50	56.84	58.10	58.99	58.79	24.1	22.9	30.4	31.6	26.7	23.8	26.6	32.4	22	94	96	63	54	74	90	78.5	------
29	57.94	58.64	59.15	57.59	58.85	59.95	58.69	22.8	22.6	30.3	28.9	27.2	25.3	26.2	30.8	21.7	95	96	66	70	78	91	82.7	------
30	58.93	59.42	60.07	57.87	58.76	59.47	59.09	24.3	23.6	31.5	30.2	25.4	24.5	26.6	32.2	22.8	94	95	60	69	87	89	82.3	1.5
Mean	59.04	59.50	59.85	57.72	58.78	59.82	59.12	23.4	23.2	29.9	29.7	26.7	24.6	26.3	31.4	22.2	93.2	95.2	68.8	70.8	82.7	89	83.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	97.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SW	2	NW	1	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
2	Calm	----	Calm	----	SE	2	E	3	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu. NE
3	Calm	----	Calm	----	E	1	SE	2	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.-S.	Cu. E
4	Calm	----	Calm	----	SE	3	SE	2	Calm	----	Calm	----	9	Ci.-S.	Cu.	3	Ci.	Cu.
5	Calm	----	Calm	----	NE	1	SSE	2	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
6	Calm	----	Calm	----	SE	3	NW	2	SE	1	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
7	Calm	----	Calm	----	ESE	2	S	3	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.-S.	Cu. ESE
8	Calm	----	Calm	----	SSE	2	SE	3	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Fr.-Cu. ENE
9	Calm	----	Calm	----	SSE	2	SSE	1	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. E
10	Calm	----	Calm	----	SSE	2	SE	3	SE	1	Calm	----	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
11	Calm	----	E	1	SE	1	S	1	SE	1	Calm	----	7	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. ESE
12	Calm	----	Calm	----	SSE	1	SSE	2	Calm	----	Calm	----	1	Ci.	Cu.	4	Ci.	Fr.-Cu. E
13	Calm	----	Calm	----	NE	1	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. E
14	Calm	----	E	1	SE	2	SSE	2	Calm	----	Calm	----	1	Ci.	Fr.-Cu. NE	7	Ci.-S.	Cu. E
15	Calm	----	ENE	1	SE	2	SSE	2	E	1	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
16	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
17	Calm	----	Calm	----	SE	2	SE	2	Calm	----	Calm	----	1	Ci.-Cu.	Cu.	2	Ci.	Cu. E
18	Calm	----	Calm	----	NE	1	NW	2	Calm	----	Calm	----	4	Ci.	Cu. E	2	Ci.	Cu.
19	Calm	----	E	1	SE	2	NNE	1	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.-S.	Fr.-Cu. E
20	Calm	----	Calm	----	NE	2	NNW	2	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
21	Calm	----	E	1	SE	3	SSE	1	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. E
22	Calm	----	Calm	----	SSE	2	SE	3	E	2	Calm	----	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
23	Calm	----	Calm	----	SE	3	SSE	1	E	2	ESE	2	3	Ci.	Cu.	10	Ci.-S.	Cu. E
24	Calm	----	E	1	SSE	1	SE	1	SE	1	Calm	----	7	Ci.-S.	Cu. NE	9	Ci.-S.	Cu.
25	Calm	----	Calm	----	NE	1	SE	3	Calm	----	NE	2	4	Ci.	Cu.	8	Ci.	Fr.-Cu. E
26	Calm	----	NE	1	SW	7	S	3	Calm	----	Calm	----	10	------------	N.	10	------------	N. SSW
27	Calm	----	Calm	----	S	2	SSE	2	E	1	Calm	----	4	Ci.-S.	Cu.	4	Ci.	Cu. E
28	Calm	----	ENE	2	SE	2	SE	2	Calm	----	E	1	1	Ci.	Cu.	3	Ci.	Cu. ENE
29	Calm	----	Calm	----	NW	1	SSE	1	NE	1	Calm	----	2	Ci.-Cu.	Cu.	9	Ci.-S.	Cu.
30	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	NE	2	2	Ci.	Cu.	4	Ci.	Cu. E
Mean	-------	0	-------	0.3	-------	2	-------	2	-------	0.4	-------	0.2	2.7	------------	------------	4.8	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.21	59.44	59.95	57.87	58.75	60.09	59.22	24.2	23.4	29.2	31.6	27.4	25.8	26.9	32	22.8	91	95	68	65	77	85	80.2	0.5
2	59.71	59.83	60.35	58.10	59.42	60.31	59.62	23.9	23.2	29.8	28.1	25.7	24.2	25.8	31.3	22.6	96	97	65	73	91	93	85.8	2.3
3	59.38	59.78	59.94	57.93	59.02	59.86	59.32	24	23.5	29.3	29	26.5	24.9	26.2	30.9	22.8	94	95	70	77	87	92	85.8	.8
4	58.68	59.16	59.81	57.93	59.02	59.31	58.98	24.2	23.8	30	30.8	26.6	25	26.7	31.3	22.8	96	97	69	67	90	93	85.3	------
5	58.40	59.13	59.48	57.10	58.95	59.73	58.80	24.2	23.3	29.5	27.9	26.4	24.6	26	31.1	22.6	95	97	73	76	91	95	87.8	------
6	58.91	59.48	59.76	57.90	59.03	59.57	59.11	24.1	24.1	27	27.5	25.4	24.6	25.4	30.5	23.5	97	97	87	87	90	94	92	------
7	59.04	59.42	59.68	57.41	58.30	59.43	58.88	24.1	24.1	30.7	27.8	27	25.4	26.5	31.6	23.5	96	97	65	88	78	86	85	2.5
8	58.42	58.91	59.41	56.88	58.27	59.24	58.52	24.6	24.2	28	30.6	26.4	24	26.3	30.9	22.7	91	93	83	63	82	90	83.7	------
9	58.68	58.71	59.22	57.66	58.38	59.26	58.65	23.3	23.5	26.5	25	25.4	24	24.6	28.9	22.6	94	94	86	96	95	94	93.2	59.4
10	58.70	59.15	59.12	57.18	58.37	59.08	58.60	22.9	23	30	28.8	26.9	23.7	25.9	31.1	22.5	96	96	64	76	79	91	83.7	4.8
11	58.39	59.01	59.20	57.30	58.02	59.17	58.52	23.7	23.7	27.6	26.8	25.1	23.9	25.1	29.4	23.1	94	97	79	81	91	94	89.3	2
12	58.07	58.88	59.53	57.20	58.64	59.38	58.62	23.1	23.7	28.1	30.3	25.9	24.1	25.9	30.5	22.5	96	97	82	70	88	92	87.5	------
13	58.53	59.38	60.24	57.67	59.06	60.11	59.16	23.4	22.8	29	31.8	26.5	24	26.2	32.4	22.4	94	96	69	50	76	82	77.8	------
14	59.66	60.14	60.68	58.43	59.19	60.13	59.70	23.3	24	30	29.5	25.4	23.4	25.9	30.6	22.6	90	91	62	64	81	89	79.5	------
15	59.37	59.52	60.19	58.62	59.42	60.83	59.66	23	23	29.7	30.1	25.6	23.6	25.8	32.1	21.8	93	94	56	57	71	83	75.7	------
16	60.30	61.22	61.84	59.80	60.52	61.45	60.86	21.8	20.9	29.8	29.7	26.5	24.7	25.6	31	20.6	92	94	61	59	81	89	79.3	------
17	60.62	61.66	61.97	59.86	60.80	61.40	61.05	23.5	22.9	30.6	29	26.8	23.5	26	31.5	22.6	93	95	60	74	80	89	81.8	------
18	60.70	61.46	62.07	59.44	60.63	60.73	60.84	22.1	22.4	29.7	29	26.4	24	25.6	32.4	21.6	94	95	64	65	79	90	81.2	------
19	59.38	60.21	60.62	59.03	59.62	60.28	59.86	23.9	23.3	30.6	29.7	26.4	25	26.5	31.4	22.4	91	96	62	69	82	92	82	------
20	59.20	59.96	60.32	58.05	59.61	59.82	59.49	24.8	23.7	31.2	28.9	27	25.2	26.8	32.7	23.1	92	95	64	76	84	93	84	------
21	59.18	59.76	60.08	57.70	58.90	59.51	59.19	24.4	24.3	30.4	30.7	27.5	24.3	26.9	31.2	23.6	96	97	70	72	83	87	84.2	------
22	58.77	59.62	60.04	58.14	58.99	59.91	59.24	23.8	23.5	31	30	26.9	23.4	26.4	31.5	22.2	94	96	62	68	83	91	82.3	------
23	59.59	60.19	61.08	58.96	59.99	61.25	60.18	22.2	22.3	30.5	28.9	26.2	23.8	25.6	31.3	21.6	95	96	65	71	87	85	83.2	------
24	60.48	60.54	61.09	59.10	60.41	61.52	60.52	23.2	22.5	31	30.3	26.2	24	26.2	32.2	21.8	91	95	62	59	74	85	77.7	------
25	60.77	61.55	61.84	59.78	60.71	62	61.11	22.1	20.8	31	31.8	26.2	24.1	26	32.4	20.3	91	93	45	51	69	82	71.8	------
26	61.51	61.91	62.16	60	60.93	61.55	61.34	21.6	21.5	31	27	25.3	24.1	25.1	32.4	20.7	92	93	59	77	91	93	84.2	2
27	61.11	62.15	62.04	59.87	60.62	61.56	61.22	23.4	23.3	29	30.1	25	22	25.5	31	21	97	97	66	61	73	85	79.8	------
28	60.55	61.24	61.50	59.18	60.30	61.15	60.65	20.9	22.2	28	29.2	24.9	21.8	24.5	31	20.1	95	96	70	70	79	86	82.7	------
29	60.47	60.90	60.85	58.27	58.89	59.69	59.84	21.6	21.6	29.4	27.7	26.7	24.8	25.3	30.6	20.6	87	88	66	78	77	87	80.5	------
30	59.13	59.87	60.65	58.30	59.62	60.45	59.67	23.7	22.6	27.8	29	27	25.2	25.9	29.6	22.1	90	93	69	69	79	88	81.3	------
31	60.02	61.21	61.03	59.15	60.12	60.76	60.38	24.1	23.2	29	29.9	27.5	23.7	26.2	31.8	22.4	89	90	68	67	71	89	79	------
Mean	59.51	60.11	60.51	58.38	59.44	60.28	59.70	23.3	23	29.5	29.2	26.3	24.2	25.9	31.2	22.2	93.3	94.9	67.5	70.2	81.9	89.2	82.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	74.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	E	1	SE	3	SSE	2	E	2	Calm	----	2	Ci.	Cu.	3	Ci.	Fr.-Cu. E
2	Calm	----	NE	1	SSE	2	SE	1	Calm	----	Calm	----	1	Ci.	Cu.	9	Ci.	Cu.-N. E
3	Calm	----	Calm	----	ESE	1	E	1	Calm	----	Calm	----	3	Ci.-Cu.	Cu. ENE	7	Ci.	Cu.-N. NE
4	Calm	----	Calm	----	NNW	2	SE	1	E	1	Calm	----	1	Ci.	Cu.	4	Ci.	Cu.-N. E
5	Calm	----	Calm	----	SSE	3	SE	2	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu. ENE
6	Calm	----	Calm	----	NE	1	Calm	----	E	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. ENE
7	Calm	----	Calm	----	ENE	2	SE	1	E	1	ESE	1	6	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.-N. E
8	Calm	----	Calm	----	SE	1	SE	2	Calm	----	E	1	6	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu.
9	Calm	----	Calm	----	E	1	Calm	----	Calm	----	Calm	----	7	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.
10	Calm	----	Calm	----	E	2	SE	2	E	1	Calm	----	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu. E
11	Calm	----	Calm	----	SSE	1	SE	2	Calm	----	E	1	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
12	Calm	----	Calm	----	NE	1	S	1	Calm	----	Calm	----	5	Ci.	Cu. E	9	Ci.-S.	Cu. E
13	Calm	----	Calm	----	SSE	2	NE	3	Calm	----	NE	2	1	Ci.	Cu.	2	Ci.	Fr.-Cu. E
14	Calm	----	NNE	1	NE	1	NE	1	Calm	----	ENE	2	9	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
15	Calm	----	E	1	ENE	2	ESE	3	NE	1	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
16	Calm	----	Calm	----	Calm	----	SE	2	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. NE
17	Calm	----	ENE	1	NE	2	SSE	3	Calm	----	NE	2	1	Ci.	Cu.	4	Ci.	Cu. E
18	Calm	----	Calm	----	SSE	1	SE	3	Calm	----	NE	1	1	Ci.	Cu.	6	Ci.-S.	Cu. NE
19	Calm	----	Calm	----	NE	2	SSE	3	Calm	----	NE	1	3	Ci.	Cu.	4	Ci.	Cu. ESE
20	Calm	----	Calm	----	NE	2	SE	3	Calm	----	Calm	----	8	Ci.-S.	Cu. ENE	6	Ci.	Cu. E
21	Calm	----	Calm	----	SE	3	W	2	Calm	----	Calm	----	6	Ci.-S.	Cu.	2	Ci.	Cu.
22	Calm	----	Calm	----	NE	3	NNW	2	NE	1	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. NE
23	Calm	----	Calm	----	W	2	SE	3	NE	1	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. E
24	Calm	----	E	1	SE	3	E	3	Calm	----	NE	2	2	Ci.-Cu.	Cu. NE	4	Ci.	Fr.-Cu. NE
25	Calm	----	E	1	SE	3	SSE	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
26	Calm	----	NE	1	SE	1	SSE	4	E	1	E	2	2	Ci.	Cu.	9	Ci.-S.	Cu. E
27	Calm	----	Calm	----	ENE	3	NNE	2	NE	1	Calm	----	9	Ci.-S.	Cu. ENE	4	Ci.	Cu. E
28	Calm	----	NE	1	NE	3	SSE	3	NE	1	Calm	----	6	Ci.-S.	Fr.-Cu. E	5	Ci.	Fr.-Cu. E
29	Calm	----	E	1	W	2	SE	3	NE	2	Calm	----	3	Ci.	Fr.-Cu. NE	5	Ci.-S.	Cu. E
30	Calm	----	Calm	----	NE	2	NNE	2	Calm	----	Calm	----	3	Ci.	Cu.	5	Ci.-S.	Cu. ENE
31	Calm	----	Calm	----	SSE	2	SE	3	Calm	----	Calm	----	5	A.-Cu.	Cu. E	6	Ci.	Fr.-Cu. E
Mean	------	0	------	0.3	------	1.9	------	2.2	------	0.5	------	0.5	4.2	------	------	5.8	------	------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, −1.86 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.01	60.17	60.95	59.14	59.84	60.89	60.17	25.3	25.7	28.3	28	26.2	22.8	26	28.8	21.8	81	77	65	69	73	91	76	-----
2	59.87	59.97	60.47	58.54	59.41	60.08	59.72	22.2	22	27.3	28.4	24	23.4	24.6	28.7	21.4	94	95	76	72	95	93	87.5	14.8
3	59.80	60.17	61.31	59.31	59.81	60.77	60.20	25.2	25	24.7	25.7	26	26.1	25.4	26.7	23.5	83	86	92	86	81	81	84.8	8.4
4	60.10	60.23	61.22	59.54	59.86	60.89	60.31	25.9	25	25.1	26.4	26.2	26	25.8	26.8	24.1	82	88	91	81	77	78	82.8	4.1
5	60.01	60.68	61.40	60.05	60.05	61	60.53	25.6	24.4	27.7	27.6	26.2	25.9	26.2	29.2	22.9	79	82	72	68	73	75	74.8	-----
6	60.18	60.78	61.89	60.06	60.72	61.81	60.91	25.4	25.2	27.6	28.5	26.1	25.3	26.4	29.5	23.4	77	78	64	62	77	79	72.8	-----
7	60.71	60.83	61.56	60.05	60.32	61.18	60.78	24.7	21	27.1	28.3	26	21.9	24.8	28.6	20.6	79	96	66	64	76	92	78.8	-----
8	60.59	61.20	62.20	60.31	60.94	61.41	61.11	20.8	20	27	27.8	26.2	23	24.1	28.8	19.7	94	94	71	74	76	92	83.5	-----
9	60.69	61.22	62.30	60.72	61.50	61.97	61.40	22	21.7	26.3	27.4	25	25.1	24.6	28.2	21.3	96	97	81	77	89	83	87.2	7.3
10	60.92	61.72	62.50	60.35	60.66	61.18	61.22	24.6	23.8	25.6	27.7	25.9	22.9	25.1	28.3	22	85	87	85	78	77	97	84.8	5.6
11	60.81	61.16	62.36	60.84	60.96	62.30	61.40	21.4	20.6	27.6	28.3	25.9	22.3	24.4	29.6	20.3	98	96	64	63	73	88	80.3	2
12	61.61	61.68	62.97	61.85	62.35	63.27	62.29	23.2	22.5	26.8	26.7	24.1	22.8	24.4	27.3	22.3	86	96	77	70	82	88	83.2	12.4
13	62.19	62.86	64.06	62.42	62.72	63.28	62.92	22.3	24.6	26.7	27	25.5	25.1	25.2	27.9	21.7	93	77	71	65	72	72	75	-----
14	62.21	62.55	63.45	61.64	62.19	63.18	62.54	20.6	20.2	25.4	28	25.1	23.6	23.8	28.4	19.6	94	95	79	69	83	90	85	18
15	62.36	62.66	62.94	61.39	62.44	62.91	62.45	22.2	24.2	26.6	27.5	25.8	24.9	25.6	27.9	21.8	96	82	73	71	76	76	79	1
16	62.19	62.70	63.61	61.72	62.27	63.11	62.60	21.5	20	27.5	28.3	25.7	21	24	29	19.7	95	95	60	57	67	93	77.8	-----
17	62.19	62.65	63.61	61.29	61.87	62.49	62.35	20.6	20	28	27.5	26.2	25	24.6	29.7	19.7	92	95	71	73	76	80	81.2	-----
18	61.68	62.18	63.35	61.61	61.91	63.08	62.30	24.8	22.5	28.4	28	26	22.3	25.3	30.2	21.2	79	89	66	69	75	91	78.2	-----
19	62.09	62.46	63.31	61.16	61.65	62.71	62.23	21.3	21.5	28.2	28.2	26.3	24.8	25	29.3	20.9	96	95	66	75	77	79	81.3	-----
20	61.88	62.60	63.27	61.10	61.01	61.91	61.96	21.6	20	28	28.8	26	24.9	24.9	30.4	19.9	96	96	62	59	75	79	77.8	1.5
21	61.12	61.42	62.31	60.43	60.89	62.20	61.40	21.8	21.6	26.2	25.9	25.2	23.5	24	27.2	21	96	96	78	83	85	93	88.5	5.3
22	61.18	61.32	61.75	60.01	60.17	61.76	61.03	22.9	22.5	26	29.4	25.4	23	24.9	29.9	22.2	95	96	73	62	80	88	82.3	-----
23	60.91	61.94	63.06	60.96	60.65	61.78	61.55	21.7	21	27.8	28.2	26.2	23.2	24.7	28.9	20.8	97	97	74	72	82	93	85.8	-----
24	61.09	61.66	62.66	60.24	60.34	61.50	61.25	22.2	21.8	28.9	29	26.6	23.7	25.4	29.4	21.4	95	96	74	74	79	90	84.7	-----
25	60.71	61.17	62.46	60.80	60.22	61.91	61.21	22.4	22	28	28	26	22.5	24.8	29.2	21.7	96	97	75	75	79	94	86	-----
26	61.18	61.73	63.31	61.64	61.66	62.90	62.07	21.2	20.4	28.4	28.5	26	24.9	24.9	30.4	20.2	96	96	71	70	74	76	80.5	-----
27	62.18	63.06	63.61	62.19	62.09	62.88	62.67	24.7	20.7	28.7	27.8	26.4	25.3	25.6	29.7	20.3	76	94	63	67	73	80	75.5	-----
28	61.98	62.41	63.25	61.35	61.31	62.51	62.14	24.6	24.2	26.9	29.4	26.7	25.8	26.3	30.4	23.6	88	90	76	74	82	84	82.3	2.3
Mean	61.16	61.61	62.54	60.74	61.06	62.03	61.53	23	22.3	27.2	27.9	25.8	24	25	28.9	21.4	89.8	91.4	72.7	70.7	78	85.5	81.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	82.7

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	ENE	ENE	ENE	NEbyE	NE	Calm	117.5	125.8	125.5	35.9	404.7	4	Ci.	Cu. NE	6	Ci.	Cu.-N.ENE	
2	Calm	Calm	NE	NE	SE	Calm	30.3	86.4	94.3	40.2	251.2	4	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.NNE	
3	NE	Calm	Calm	NE	NE	E	44.9	47	78.7	139.4	310	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE	
4	NE	NE	ENE	NEbyE	ENE	ESE	161.5	138.1	181.5	160.9	642	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N.ENE	
5	NE	ENE	E	ENE	ENE	N	163.3	155.3	182.1	112.3	613	3	Ci.	Cu. ESE	5	Ci.	Cu.-N.NE	
6	N	ENE	ENE	ENE	NE	ENE	104.6	110.4	118.1	87.9	421	7	Ci.	Cu.-N. NE	3	Ci.	Cu. E	
7	SE	Calm	ENE	NE	ENE	Calm	54.7	97.2	127.1	50.1	329.1	4	Ci.	Cu. NE	5	Ci.	Cu.-N.ENE	
8	Calm	Calm	Calm	N	ENE	Calm	29.6	19.6	83.1	50.5	182.8	4	Ci.-Cu.	Cu.	3	Ci.	Cu.	
9	Calm	Calm	Calm	N	ENE	N	29	20.3	44.6	53.9	147.8	5	Ci.	Fr.-Cu.NE	10	Ci.-S.	Cu.-N.NE	
10	Calm	Calm	ENE	E	ENE	Calm	47.2	67.1	97.2	34.4	245.9	9	Ci.-S.	Fr.-N. NE	5	Ci.	Cu. NE	
11	Calm	Calm	NE	ENE	NE	Calm	27.7	69.5	97.1	53.9	248.2	4	Ci.	Cu. ENE	5	Ci.-S.	Cu. NE	
12	Calm	Calm	NE	ENE	NE	Calm	30.6	73.2	149.7	58.1	311.6	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N.NE	
13	Calm	NE	NEbyE	ENE	ENE	Calm	54.1	99.8	145.6	69.4	368.9	9	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N.NE	
14	Calm	Calm	Calm	NE	Calm	E	28.2	37.3	90.3	127.4	283.2	6	Ci.	S.-Cu. NE	4	Ci.	Cu. NE	
15	ENE	ENE	ENE	ENE	ENE	E	72.1	163	162.8	93.1	491	8	Ci.-S.	Fr.-N. NE	4	A.-Cu. E	Cu. ENE	
16	Calm	Calm	ENE	NEbyE	ENE	Calm	35.7	57.7	122.9	62.5	278.8	3	Ci.	Fr.-Cu.NE	2	-----	Cu.	
17	Calm	Calm	E	ENE	E	ESE	32.5	73	127.3	66.3	299.1	5	Ci.	Cu. E	6	Ci.-S.	Cu.-N. E	
18	E	Calm	E	N	ENE	Calm	61.8	53.7	79.7	50.1	245.3	3	Ci.	Cu. E	3	-----	Cu. ENE	
19	Calm	Calm	Calm	Calm	ENE	Calm	31.2	20.7	92.7	65.5	210.1	5	A.-Cu. E	S.-Cu.	7	Ci.	Cu. NE	
20	Calm	Calm	ENE	ENE	ENE	Calm	36.7	42.9	90.4	73.8	243.8	3	-----	Cu. E	3	-----	Cu.	
21	Calm	Calm	Calm	Calm	Calm	Calm	28	25.4	22.3	42.8	118.5	8	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu.-N.NE	
22	E	Calm	ENE	ENE	Calm	Calm	28.7	63.1	55.8	22.3	169.9	7	A.-Cu.	Cu.-N. NE	7	A.-Cu.	Cu. ENE	
23	Calm	Calm	Calm	ENE	Calm	Calm	25.4	27.7	41.2	24.6	118.9	4	A.-Cu.	Cu. ENE	3	A.-Cu.	Cu. E	
24	Calm	Calm	Calm	Calm	ENE	Calm	25.2	23.3	41.8	37.6	127.9	7	Ci.-S.	Cu.-N. NE	3	-----	Cu. E	
25	Calm	Calm	Calm	N	ENE	Calm	21.1	21.9	86.4	42.1	171.5	3	Ci.	Cu.	3	-----	Cu.	
26	Calm	Calm	Calm	Calm	ENE	Calm	22.7	22.3	92.5	64.1	201.6	3	Ci.	Cu.	6	Ci.	Cu. NE	
27	E	Calm	E	E	E	SE	47.3	72.9	124.4	76.7	321.3	5	Ci.	Cu. NE	7	Ci.-S.	Cu. ENE	
28	E	Calm	Calm	E	E	E	41.3	30	97.1	63.9	232.3	9	Ci.-S.	S.-Cu. NE	6	Ci.	Cu.-N.ENE	
Mean	-----	-----	-----	-----	-----	-----	51.2	65.9	101.9	66.4	285.3	5.7	-----	-----	5.5	-----	-----	
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,989.4	-----	-----	-----	-----	-----	-----	

NOTE.—This station was temporarily closed during the month of January.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	61.81	61.98	63.32	61.35	62.21	63.21	62.31	25.4	23.4	27.6	29.6	25.7	25.2	26.2	30.4	23.1	85	95	79	70	86	88	83.8	2.3
2	62.07	62.59	63.42	61.51	61.56	62.78	62.32	25.6	25.4	29	28.9	26.5	25	26.7	29.8	24.6	83	84	71	67	77	89	78.5	2.5
3	61.42	61.93	62.51	60	60.31	60.62	61.13	24.8	24.6	27.2	27	26	26.1	26	28.4	23	90	93	81	87	92	90	88.8	8.2
4	58.78	59.21	60.27	58.14	58.75	59.58	59.12	25.1	25.4	27.8	29	26.7	24.8	26.5	29.8	24.2	91	92	84	81	89	92	88.2	13.7
5	58.12	58.59	59.55	57.03	57.67	59.61	58.43	23.7	23.5	27.2	29.3	26.3	25.3	25.9	29.6	23	98	98	86	79	85	90	89.3	2
6	58.89	59.51	60.50	57.64	58.27	59.17	59	25.5	24.7	28.4	29	27	25.3	26.6	30.2	24.4	88	94	79	78	83	88	85	-----
7	58.59	58.95	59.49	57.46	58.21	59.50	58.70	25	23.6	26.3	25.5	26.3	26	25.4	28.9	23.3	92	95	90	96	91	97	93.5	5.8
8	58.01	58.96	60.08	58.21	58.60	59.99	58.98	25.4	25.8	28.4	29.8	27.3	26.4	27.2	30.4	25.2	97	89	80	73	80	89	84.7	3
9	58.69	59.23	60.24	58.10	58.23	59.47	58.99	25.3	24.5	27.3	27.5	26.3	26	26.2	29.4	24	91	93	77	79	87	89	86	33.3
10	58.77	59.81	61.08	58.95	59.05	60.13	59.63	24.5	23.5	25.7	28	25.5	25	25.4	28.7	23	92	95	78	77	80	91	85.5	15.3
11	59.71	59.63	60.46	58.57	58.86	59.99	59.54	24.1	24.1	26.5	27.5	26.4	26.4	25.8	29.4	24	94	99	92	84	89	88	91	4.1
12	59.59	59.81	61.15	59.39	59.68	61.34	60.16	25	24	28.8	29.8	27.3	25.7	26.8	31.2	23.5	92	96	90	75	84	93	88.3	-----
13	60.11	60.35	62.08	60.17	60.44	61.69	60.81	24.5	23.5	28.8	29.6	27.3	26.3	26.7	30.6	23.2	96	98	76	74	82	86	85.3	-----
14	60.89	60.85	62.04	60.17	61.05	62.65	61.28	25.6	23.5	28.5	28.9	27	26.3	26.6	30.7	23	91	96	77	75	81	83	83.8	-----
15	61.71	62	62.83	61.05	60.37	61.37	61.56	23.5	23.5	29	27.8	26.6	25.5	26	30.1	23.1	96	94	71	67	70	75	78.8	7.6
16	59.81	60.75	61.72	60.11	60.51	61.06	60.66	24.3	23.7	24.8	28.7	27.6	25.3	25.7	29.4	23.2	93	96	93	80	86	92	90	6.2
17	60.73	61.31	62.50	61.43	61.66	63.08	61.78	24.6	24.4	25.7	28.3	26.5	24.5	25.7	30.2	23.1	87	88	90	77	84	96	87	10.1
18	62.92	63.21	63.96	62.06	62.16	63.44	62.96	23.8	23.5	28	28.9	26.9	26.3	26.2	29.5	23	95	92	73	69	75	79	80.5	-----
19	62.22	62.75	63.05	60.80	60.86	61.86	61.92	24.4	23.2	28.3	26.7	25.5	26	25.7	30.7	22.3	88	96	74	86	83	81	84.7	4.1
20	60.41	60.98	61.58	59.36	59.31	60.03	60.28	22.9?	23	26	26	26	24.7	24.8	28.1	22.3	97	96	84	85	88	93	90.5	4.3
21	59.04	59.76	60.75	58.66	59.02	60.56	59.63	23.8	23.3	27.7	28.8	27	26.1	26.1	30.2	22.7	92	95	82	79	80	87	85.8	.8
22	59.66	59.71	60.68	58.85	59.40	60.97	59.88	25.8	25	28.4	29	25.3	25.6	26.5	30.9	23.8	88	90	78	73	93	92	85.7	3.9
23	59.91	60.25	60.79	59.36	59.35	61.46	60.19	24.2	23	28.5	29.4	26.2	26.2	26.2	30.3	22.2	93	97	77	74	90	90	86.8	-----
24	59.56	59.76	61.04	58.84	60.54	61.11	60.14	25.9	25.5	28.3	29	27.1	26.7	27.1	29.6	23.2	88	90	73	71	83	85	81.7	4.8
25	59.69	59.96	61.16	58.79	59.16	60.36	59.85	26.2	26	26.7	28.6	26.5	24	26.3	29.2	22.7	84	84	87	73	83	90	83.5	15.7
26	59.62	58.99	60.17	58.60	59.02	60.54	59.49	24.2	23	28.3	27.3	26	24.4	25.5	29.8	22.3	93	96	72	84	82	97	87.3	44.2
27	59.71	59.30	60.20	58.17	58.91	60.29	59.43	24.8	24.5	26.7	28.4	26.4	24.9	26	28.7	23.6	93	95	87	85	87	94	90.2	24.4
28	59.93	59.71	60.66	59.23	59.96	61.12	60.10	24.7	23.8	28.5	29.4	25.5	26.3	26.4	29.7	23.1	94	97	78	69	88	82	84.7	.3
29	60.03	60.57	61.27	59.43	59.71	61.24	60.38	24.8	23	29	29.1	25	24.5	25.9	30.3	22.5	84	96	76	74	95	96	86.8	5.9
30	59.78	60.08	60.77	59.03	58.92	59.65	59.70	24	23.4	28.3	29.9	27	26.3	26.5	30.8	22.7	94	97	72	65	80	80	81.3	.8
31	59.13	58.52	59.24	57.39	58.24	59.14	58.61	25.6	23.7	27.5	26.1	24.8	25.7	25.6	28.6	23.1	90	97	84	95	95	90	91.8	17.3
Mean	59.98	60.29	61.24	59.29	59.68	60.87	60.22	24.7	24	27.7	28.4	26.4	25.6	26.1	29.8	23.2	91.3	94	80.4	77.5	84.8	88.8	86.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	240.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a.m.			2 p.m.		
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	6 a.m.	Noon.	6 p.m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	SE	Calm	E	ESE	E	NE	52.1	78.9	88.7	59.3	279	5	Ci.	Cu. E	4	Ci.	Cu. NE
2	E	NE	NE	ENE	ENE	Calm	71.9	99.2	138.6	59.5	369.2	5	Ci.-S.	Fr.-Cu. NE	3	Ci.	Cu. E
3	Calm	Calm	Calm	NE	NE	E	20.4	44.3	120.7	94.4	279.8	8	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. ENE
4	E	ENE	E	ENE	NE	Calm	91.1	96.8	81.1	34.3	303.3	5	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu.-N. E
5	Calm	Calm	E	E	SE	SE	6.6	51.2	123.4	89.1	270.3	4	Ci.	Cu.-N. ESE	5	Ci.	Fr.-Cu. ESE
6	E	Calm	E	E	SE	Calm	33.3	69.5	108	52.9	263.7	6	A.-Cu. E	Cu.	3	A.-Cu.	Cu. ESE
7	SE	Calm	Calm	E	E	ENE	33.8	38	-----	-----	-----	8	Ci.-S.	Fr.-N. ESE	10	-----	N. E
8	NE	NE	E	EbyN	ENE	ENE	-----	-----	-----			6	Ci.-S.	Cu. E	4	Ci.	Cu. E
9	Calm	Calm	ENE	E	EbyN	E	62.6	91.2	91.4	92.5	337.7	6	Ci.-S.	N. E	6	Ci.	S.-Cu. SE
10	Calm	Calm	SE	SEbyE	SE	SSE	51.8	36	51.3	31.4	170.5	10	-----	N.	8	Ci.-S.	Cu. E
11	Calm	Calm	Calm	ENE	EbyN	ENE	25.5	40.5	84.3	55.3	205.6	8	A.-Cu.	Fr.-S. ESE	9	Ci.-S.	Fr.-Cu. E
12	Calm	Calm	E	NE	ENE	ENE	24.1	32.4	80.7	63.3	200.5	6	A.-Cu.	S.-Cu.	3	A.-Cu. E	Cu. SE
13	Calm	Calm	ENE	EbyN	E	ESE	17.5	45.6	85.5	38.9	187.5	1	A.-Cu.	S.-Cu.	1	-----	Cu. SE
14	Calm	SE	EbyN	ENE	EbyN	EbyN	20.6	58.9	84	50.5	214	3	Ci.-S.	Cu.	1	A.-Cu.	Cu. E
15	Calm	Calm	EbyN	NNW	ENE	E	22.8	32.8	89.1	85.8	230.5	6	A.-Cu.	S.-Cu. ENE	1	Ci.	Cu. NE
16	Calm	Calm	Calm	NE	Calm	Calm	28	21.1	72.6	85.3	207	10	-----	N. ENE	8	A.-Cu. E	Cu.-N. ESE
17	Calm	E	Calm	SEbyE	NE	Calm	21.1	56.1	83.7	40.4	201.3	8	Ci.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. ESE
18	Calm	SE	E	NE	NE	ENE	53.4	80.2	95.2	84.5	313.3	6	Ci.-S.	Cu.	6	Ci.-S.	Cu. ESE
19	Calm	Calm	NEbyE	NNW	NE	ENE	37.2	31.4	89.5	48.6	206.7	8	A.-Cu.	Cu.-N. ENE	10	-----	N.-cf. NE
20	SW	Calm	Calm	Calm	Calm	Calm	32	25.4	27.1	25.5	110	6	A.-Cu.	Cu.-N. ENE	10	A.-Cu.	Cu.-N. ENE
21	Calm	Calm	Calm	N	NE	E	28.8	20.7	75.1	72.4	197	6	Ci.-S.	Cu. ESE	3	A.-Cu. E	Cu. SSE
22	Calm	EbyN	E	E	Calm	Calm	52.9	64.2	74.3	23.8	215.2	6	Ci.-S. E	S.-Cu. ENE	10	A.-Cu.	Cu.-N. ENE
23	Calm	Calm	NE	E	E	E	12.9	45.3	91.5	45.7	195.4	4	Ci.-S.	Cu.-N. E	2	Ci.-S.	S.-Cu. ESE
24	Calm	ENE	NE	NE	NEbyE	ENE	15	116.4	123.7	103	358.1	8	Ci.-S.	Cu.-N. ENE	2	A.-Cu.	Cu. E
25	EbyN	EbyN	E	EbyN	NE	Calm	91.2	67.1	150.7	72.7	381.7	5	A.-Cu.	Cu. ENE	3	Ci.-Cu. ENE	Cu. E
26	Calm	Calm	EbyN	NbyW	Calm	E	52.5	93.6	74.3	35.2	255.6	4	Ci.-S.	S.-Cu. E	8	A.-Cu. NE	Cu.-N. ENE
27	E	ENE	E	Calm	E	Calm	43.1	30.8	71.4	-----	-----	10	A.-Cu.	Cu.-N. E	10	A.-Cu.	N. E
28	Calm	Calm	E	E	Calm	E	14	114	130.6	61.5	320.1	3	A.-Cu.	Cu. E	5	A.-Cu. E	Cu.-N. E
29	E	Calm	E	ENE	Calm	Calm	48	38.6	69	31.2	186.8	8	A.-Cu. E	S.-Cu. E	10	A.-Cu.	Cu.-N. E
30	Calm	Calm	E	ENE	ENE	ENE	18.5	57.3	68.7	52.6	197.1	6	A.-Cu.	Cu.-N. E	2	Ci.	Cu. ESE
31	Calm	Calm	NNW	NNW	NNE	ENE	28.8	34.4	69.5	69.7	202.4	8	A.-Cu.	S.-Cu. E	10	A.-Cu.	Cu.-N. NNE
Mean	-----	-----	-----	-----	-----	-----	37	57.1	89.4	59.3	245	6.2	-----	-----	5.9	-----	-----

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, −1.86 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.90	58.53	60.01	58.18	58.73	59.86	59.04	24.8	24	25.1	29.4	25.5	24.8	25.6	30.6	23.6	96	97	94	73	94	90	90.7	3.8
2	58.78	59.05	60.30	58.94	59.29	59.88	59.37	23.6	23.4	26.5	25.3	25	24.8	24.8	27.1	22.6	97	97	86	98	98	98	95.7	50
3	59.30?	58.13	60.02	58.23	59.95	61.17	59.47	24.6	24.5	24.3	26	25.2	24.8	24.9	27.6	23.3	98	98	97	87	95	97	95.3	6.1
4	59.26	59.32	60.74	58.21	59.41	60.94	59.65	24.6	24	28.4	29.9	27.8	26.7	26.9	30.4	23.5	93	97	82	79	86	89	87.7	1.3
5	59.59	59.93	61.13	58.69	59.56	61.66	60.09	24.8	24.5	29	30.5	27.6	25.2	26.9	31	24.1	97	98	79	78	86	95	88.8	2.8
6	59.56	59.61	60.33	58.24	58.54	60.62	59.48	25	24	29	29.8	28	26.5	27	31.5	23.5	90	97	75	79	81	82	84	------
7	59.63	60.03	60.84	58.77	59.20	60.84	59.88	25.4	23.2	29.1	30	29.6?	26.8?	27.4?	31.1	22.6	87	95	77	70	77?	85?	81.8?	------
8	60.44	60.41	61.66	59.90	60.33	61.64	60.73	23.8	23.1	29	29.6	27.4	26.3	26.5	31	22.4	91	95	69	70	68?	81	79	------
9	60.11	60.93	62.33	60.45	61.71	62.54	61.34	23.8	22.5	28.6	30	27.7	26.7	26.6	31.4	22.1	92	96	72	65	82	81	81.3	------
10	61.04	60.81	61.76	59.86	59.79	61.04	60.72	24.6	23	28.7	29.5	27.5	25.6	26.5	30.4	22.6	87	96	80	78	80	85	84.3	6.4
11	59.69	59.43	60.84	58.98	59.18	60.09	59.70	25.3	23.5	27	28.5	26.2	26	26.1	29.5	22.9	83	96	87	81	94	92	88.8	18.8
12	59.18	59.46	60.77	58.28	59	60.49	59.53	24.6	23.9	25.5	26.2	27.2	25.8	25.5	29.2	23.5	94	97	90	88	87	88	90.7	------
13	59.03	59.43	60.73	59.07	59.50	60.65	59.74	24.6	23.3	28.5	29.6	27.3	26	26.6	30.1	22.8	92	95	76	77	83	92	85.8	------
14	59.70	60.32	61.33	59.77	59.93	61.44	60.42	24.2	23	29.2	30.2	27.2	26.4	26.7	31.3	22.5	97	97	76	70	79	87	84.3	------
15	60.51	60.97	62.08	60.69	60.44	61.61	61.05	25.2	22.5	29.2	30	27.7	26	26.8	------	22	83	96	72	73	76	84	80.7	------
16	60.78	61.21	61.95	59.34	59.76	61.51	60.76	25.6	22.7	28.6	29.8	28	25.4	26.7	30.8	22.2	85	97	72	65	74	82	79.2	------
17	59.63	60.06	61.02	58.52	59.06	60.39	59.78	23.6	22	28.5	29.1	27.8	25.2	26	30	21.5	90	96	73	77	71	87	82.3	------
18	58.93	59.55	60.90	58.96	59.12	60.58	59.67	24.3	22.5	24.8	25.7	26	25	24.7	28.3	22	92	96	97	94	90	93	93.7	24.3
19	59.28	59.83	60.81	58.69	59.74	61.09	59.91	24.6	23.2	28.7	29.3	26.4	25.1	26.2	------	22.5	93	98	80	77	90	96	89	10.9
20	59.53	61.08	62.04	60.34	60.59	62.79	61.06	24.4	23.2	28.2	29.7	28	26.2	26.6	30.2	22.7	93	98	83	78	88	91	88.5	3.3
21	60.96	61.08	61.79	60.05	60.97	62.27	61.19	25.4	24.5	27.8	27	26.8	25.1	26.1	29.5	23.2	93	96	86	89	87	94	90.8	14.2
22	59.73	60.08	60.99	58.96	59.55	61.13	60.07	24.8	24.5	25.5	29.5	25.7	25.3	25.9	29.6	23.4	97	97	93	81	94	94	92.7	21.2
23	59.81	60.25	60.69	59.05	59.21	60.46	59.91	25	24	29	30.9	27.5	26.6	27.2	31.4	23	93	98	76	72	84	90	85.5	------
24	59.51	59.61	60.81	58.77	59.43	60.54	59.78	26	25.4	29	29.9	27.9	27.2	27.6	80.4	24	89	90	83	85	88	86	86.8	3.3
25	59.29	59.59	60.28	58.74	59.32	60.79	59.67	26.8	25	28.6	30.2	28.3	27.3	27.7	30.9	24.6	86	96	84	78	77	81	83.7	------
26	59.79	60.58	61.06	59.19	59.90	61.09	60.27	25.8	24	29.4	29.9	29	27.8	27.6	31.3	23.6	85	97	77	75	76	74	80.7	11.9
27	59.21	59.63	60.36	58.68	58.82	60.06	59.46	26	25	26.3	26.6	27.3	26.3	26.2	27.6	23.6	92	96	93	91	88	91	91.8	24.9
28	59.41	60.28?	60.31	58.97?	58.63	59.46	59.51	25.4	24.1	23.9	26.4	26.4	25.4	25.3	26.8	23.5	93	97	97	94	90	93	94	10.1
29	58.50	58.78	59.16	57.69	58.84	59.81	58.80	24.2	24	28.6	27.5	27.2	25	26.1	30.2	22.8	97	96	80	78	85	95	88.5	11.2
30	58.74	59.40	60.15	58.10	58.73	60.11	59.20	24	22.5	28.5	29.5	27.6	27.4	26.6	30.9	21	95	99	75	76	81	80	84.3	3
Mean	59.59	59.91	60.91	59.01	59.54	60.88	59.98	24.8	23.6	27.8	28.8	27.2	26	26.4	30	22.9	91.7	96.5	82	79.2	84.3	88.4	87	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	227.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	E	Calm	Calm	24.6	63.4	73.5	14.8	176.3	4	A.-Cu.	Cu.-N. E	10	A.-Cu.	Cu.-N. E
2	Calm	Calm	Calm	N	Calm	Calm	20.1	12.3	------	------	------	4	A.-Cu.	Cu. E	10	------	N. NE
3	Calm	Calm	Calm	NW	Calm	Calm	------	------	38.1	16.3	------	10	------	N. NE	10	A.-S.	S. NNE
4	Calm	Calm	E	E	E	Calm	------	52.1	101.1	31.6	------	2	Ci.-S.	S.-Cu. E	2	Ci.	Cu. E
5	Calm	Calm	ENE	E	ENE	Calm	16.4	44.5	76.9	45.7	183.5	3	A.-Cu.	Cu. E	5	A.-Cu.	Cu.-N. ENE
6	ENE	Calm	E	N	E	Calm	19.5	51	60.6	27.4	158.5	2	Ci.	Cu. E	2	Ci.-S.	Cu. NNE
7	Calm	Calm	E	E	E	ENE	26.4	44.8	69.2	25.5	165.9	6	Ci.-S.	Cu. E	4	Ci.-S.	Cu. E
8	Calm	Calm	E	E	E	E	32.2	48.5	69.8	63.6	214.1	3	Ci.-S.	Cu. E	4	Ci.-S.	Cu. E
9	Calm	Calm	E	E	E	ENE	16.3	49.6	80.5	41.3	187.7	4	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
10	Calm	Calm	Calm	N	E	E	20.6	28.4	59.3	19.6	127.9	4	Ci.-S.	Cu. ESE	5	Ci.-S.	Cu. NE
11	Calm	Calm	Calm	N	Calm	Calm	30.8	15.9	40.2	11.9	98.8	2	Ci.	Cu. ENE	10	A.-Cu.	Cu.-N. NE
12	Calm	Calm	E	Calm	Calm	Calm	26.2	20.6	13.7	30	90.5	10	Ci.-S.	Cu.-N. ENE	10	A.-S.	Cu.-N. ENE
13	Calm	Calm	E	E	ENE	Calm	17.5	45.4	61.4	26.2	150.5	3	Ci.-S.	Cu. NE	3	A.-Cu. ENE	Cu. ENE
14	Calm	Calm	E	Calm	ENE	ENE	17.5	37.5	56.5	23.5	135	5	Ci.-S.	Cu. ENE	4	Ci.	Cu. NE
15	Calm	Calm	E	NNE	E	Calm	19.1	38.6	53.3	28	139	4	Ci.-S.	Cu. E	2	Ci.	Cu. N
16	Calm	Calm	Calm	NNW	NE	Calm	10.7	------	53.7	35.2	------	5	Ci.-S.	Cu.-N. ENE	1	Ci.	Cu. NNE
17	Calm	Calm	Calm	NNW	N	Calm	26	32	67	27.2	152.2	1	Ci.	Cu. NE	1	A.-Cu.	Cu. E
18	Calm	Calm	Calm	N	E	Calm	27.2	24.4	36	26.9	114.5	2	Ci.	Cu. ENE	10	A.-Cu.	Cu.-N. ENE
19	Calm	Calm	E	E	Calm	Calm	15	51	74.2	24.6	164.8	2	Ci.-S.	Cu.-N. E	3	Ci.	Cu. E
20	Calm	Calm	E	E	ENE	Calm	16.1	------	------	46.4	------	1	Ci.-S.	Cu. NE	3	Ci.	Cu. E
21	Calm	Calm	Calm	ENE	E	ENE	------	------	74.8	54.1	------	10	Ci.-Cu.	Cu.-N. ENE	10	A.-S.	Fr.-N. E
22	Calm	Calm	ENE	ESE	ESE	Calm	14.8	------	------	24.9	------	10	A.-Cu.	Cu.-N. E	10	Ci.-S.	N.-cf. ESE
23	Calm	Calm	Calm	ENE	Calm	Calm	20.6	18	59.7	46.5	144.8	4	Ci.-S.	Cu.-N. ESE	3	------	Fr.-Cu. ENE
24	Calm	Calm	E	E	ENE	ENE	17.2	67.8	90.9	80.3	256.2	6	Ci.	Fr.-Cu. E	7	A.-Cu.	Cu.-N. E
25	E	Calm	ESE	E	ENE	ENE	28	58.9	102.8	74.6	264.3	7	Ci.	Fr.-N. ESE	3	Ci.	Cu. ESE
26	Calm	Calm	E	ENE	E	Calm	15.3	66.3	105.6	21.5	208.7	4	Ci.-S.	Fr.-Cu. E	7	A.-Cu.	N.-cf. ENE
27	Calm	Calm	Calm	Calm	ENE	Calm	14.3	9.4	36.8	40.4	100.9	10	A.-Cu.	Fr.-N. ESE	10	A.-Cu.	Fr.-N. E
28	Calm	Calm	SE	ESE	Calm	Calm	41.5	32.4	54.7	17.4	146	10	A.-S.	N. E	10	A.-Cu.	Cu.-N. ESE
29	Calm	Calm	SE	NE	NE	Calm	19.8?	------	------	30.8	------	10	A.-Cu.	Fr.-N. ENE	6	A.-Cu.	Cu.-N. ENE
30	Calm	Calm	ESE	NE	NE	Calm	17.2	41.6	61.2	60.4	180.4	6	Ci.-S.	Cu. E	5	Ci.	Fr.-Cu. ENE
Mean	------	------	------	------	------	------	21.1	39.8	64.3	35.1	161.8	5.1	------	------	5.9	------	------

NOTE.—The maximum temperatures for April 10 to 30, are taken from a self-recording instrument.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.04	59.67	60.86	59.05	59.33	60.09	59.67	25.8	24.5	27.1	28.4	26	25.8	26.3	30.2	24.1	90	96	80	79	92	92	88.2	5.1
2	59.58	60.25	61.31	59.26	59.41	61.09	60.15	24.6	23.4	29	29.5	27.2	26.8	26.8	30.4	22.7	95	97	76	75	86	86	85.8	3.1
3	59.83	60.41	60.56	58.70	59.08	60.34	59.82	25.2	24.5	28.4	28.7	27.4	26.2	26.7	30	23.6	93	96	83	82	86	90	88.3	13.1
4	59.02	59.33	60.01	57.66	57.89	59.81	58.95	25.6	24.4	29	27.5	28.2	26.9	26.9	30.1	23.7	93	97	80	86	81	84	86.8	5.6
5	58.03	58.13	58.70	56.90	56.74	58.76	57.88	25.9	23.5	27.5	28.9	28.2	26.2	26.7	29.6	22.4	85	96	88	76	80	90	85.8	18.3
6	57.86	58.92	59.16	57.40	57.52	59.03	58.32	25.4	24.7	27	28	26.5	25.6	26.2	29.6	23	93	98	90	88	87	92	91.3	34.3
7	58.31	58.60	60.05	58.25	58.34	59.75	58.88	25	24.9	27.6	28.9	28	27	26.9	29.9	22.8	97	97	87	85	85	87	89.7	------
8	58.88	58.97	59.91	57.53	57.84	59.74	58.81	26.2	24.5	29.2	30	28.5	27.8	27.7	31.2	23.8	89	96	82	78	84	79	84.7	------
9	58.06	57.82	58.24	56.15	56.53	58.19	57.50	26.3	24.7	29.1	28.3	28.4	28	27.5	31.2	24	86	96	83	84	84	83	86	1
10	56.26	56.88	57.41	55.13	55.64	57.35	56.44	26.8	25.7	27.1	28.5	27.3	26.8	27	30.1	24.4	89	96	91	85	90	86	89.5	21.1
11	56.66	57.01	58.59	57.23	57.36	58.53	57.56	25.8	25.1	25.1	25	25.4	25.2	25.3	26.9	22.8	94	97	98	94	96	95	95.7	56.7
12	57.33	58.14	59.01	57.53	58	58.94	58.16	24.8	24	28.5	29.5	27.5	26.8	26.8	29.7	22.6	93	97	85	76	85	87	87.2	1.5
13	58.01	59	59.37	57.74	58.26	60.06	58.74	24.8	24	28.3	30.3	28.2	25.8	26.9	31.3	22.8	92	97	85	73	80	92	86.5	------
14	58.61	59.37	59.61	58.20	58.40	59.87	59.01	25.4	24.6	29	29.2	28.4	26.8	27.2	30.3	23	93	96	80	79	78	85	85.2	------
15	58.80	59.38	59.74	58.43	60.01	60.56	59.49	25	24.2	29	29.6	28	26.5	27	30.4	22.6	93	97	82	77	84	91	87.3	1.5
16	59.12	59.92	60.09	58.42	58.96	60.09	59.43	25.7	24.5	27.6	28.5	27.5	26.4	26.7	29.5	22.4	93	96	84	78	81	87	86.5	------
17	58.91	59.98	60.34	57.61	58.71	60.56	59.35	25	24	29	31	28.4	26.4	27.3	31.7	22	93	96	83	70	86	90	86.3	------
18	59.06	60.13	60.31	58.21	59.20	60.69	59.60	25.6	24.5	29.5	30.4	28.8	27.6	27.7	31.2	22.3	93	96	80	72	83	86	85	------
19	59.52	59.99	60.34	57.54	57.80	59.66	59.14	26.6	25.2	29.5	30.5	28.5	26.2	27.8	32.4	23	87	94	78	81	81	92	85.5	------
20	59.11	59.64	59.90	57.73	58.35	60.11	59.14	26	25.2	29.8	31.8	28.4	27.6	28.1	32.2	23.8	91	94	79	66	78	81	81.5	------
21	59.12	59.75	60.32	58.54	59.49	61.05	59.71	26.3	24.3	30.7	30.6	28.9	27	28	31.7	22.8	91	95	76	83	86	89	86.7	------
22	59.91	60.35?	61.59	59.17	59.64	61.04	60.28	26.2	24.8	29.5	30.6	28.7	26.6	27.7	32.5	23.4	90	96	81	70	75	87	83.2	------
23	60.05	60.33	60.71	58.20	58.31	60.02	59.60	25.6	23.4	29.6	31	28.9	26.9	27.6	31.2	22	88	94	81	79	75	80	82.8	------
24	58.66	58.95	58.96	57.54	57.70	58.72	58.42	25.3	23.8	29.2	30.6	28.5	24.6	27	31.3	22.3	89	94	76	74	73	88	82.3	------
25	57.10	57.43	58.54	57.40	57.45	58.61	57.76	24	23.5	30.4	31.9	28.6	27.4	27.6	32.5	22	91	92	69	63	74	81	78.3	------
26	57.44	57.16	58.46	56.60	56.86	57.01	57.26	27.8	27.5	27	28.5	28	27.2	27.7	28.5	25	83	87	84	81	81	84	83.3	18
27	55.55	55.77	55.36	53.95	54.59	55.51	55.12	26.8	26.4	29.2	25.6	25.6	26	26.6	29.6	23.4	86	90	81	93	93	90	88.8	55.7
28	54.12	54.80	55.79	53.87	54.91	55.70	54.86	26.4	26.6	28.5	29.8	30.1	27	28.1	30.9	25.8	86	84	81	76	73	87	81.2	3
29	54.63	54.94	55.71	54.64	54.91	55.97	55.13	26.4	25.8	29.2	30.1	27.6	27.2	27.7	30.7	24.9	87	87	77	73	81	84	81.5	4.8
30	55.13	55.48	56.32	54.74	55.21	56.42	55.55	27.2	27	29.2	30.2	29.8	28.1	28.6	31.4	-----	78	76	68	64	67	78	71.8	6.1
31	56.06	56.60	56.81	55.60	56.95	57.38	56.57	27.2	25.5	29.2	30	27.5	25.7	27.5	30.6	23.6	83	92	74	68	84	93	82.3	9.1
Mean	57.99	58.49	59.10	57.26	57.72	59.05	58.27	25.8	24.8	28.6	29.4	28	26.6	27.2	30.6	23.2	89.8	93.9	81.4	77.7	82.2	87	85.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	258

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	ESE	ESE	ESE	Calm	39.6	47.3	76.1	21.9	184.9	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	S.-Cu. SE
2	Calm	Calm	SE	E	ESE	Calm	21.1	45.9	104.9	72.2	244.1	2	Ci.	Cu. E	8	Ci.	Cu.-N. E
3	Calm	Calm	ESE	ESE	ESE	Calm	18.5	57.7	81.6	23.3	181.1	10	A.-S.	Fr.-N. SE	7	Ci.	Cu.-N. ESE
4	Calm	Calm	SE	ESE	ESE	Calm	17.5	53.4	74.8	34.4	180.1	10	A.-Cu.	Fr.-N. ESE	7	Ci.-S.	Cu.-N. ESE
5	Calm	Calm	ESE	ESE	E	Calm	18.2	42	81.8	30.3	172.3	2	Ci.-S.	Cu. E	8	A.-Cu.	Cu.-N. ESE
6	Calm	Calm	Calm	Calm	Calm	Calm	19.8	17.9	22.2	19.1	79	10	A.-S.	N. ESE	10	A.-S.	Cu.-N. SE
7	Calm	Calm	Calm	Calm	ESE	Calm	11	29.2	43.8	17.5	101.5	10	A.-Cu.	S.-Cu. ESE	10	A.-Cu.	S.-Cu. SE
8	Calm	Calm	ESE	ESE	E	Calm	20.4	54.1	54.1	------	-------	5	Ci.-S.	Fr.-S. E	4	Ci.-Cu.	Cu. SE
9	Calm	Calm	E	E	ESE	ESE	------	------	80.5	65.7	-------	3	Ci.	S.-Cu. E	6	Ci.-S.	Cu.-N. E
10	ESE	Calm	ESE	ESE	ESE	ESE	12.3	52	73.5	------	-------	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N. SE
11	ESE	ESE	E	E	SE	Calm	------	------	------	------	-------	10	Ci.-S.	Fr.-N. ESE	10	Ci.-S.	Fr.-N. SE
12	ESE	Calm	E	ESE	ESE	Calm	------	------	------	------	-------	3	Ci.-Cu.	Cu. SE	5	Ci.-S.	Cu.-N. SSE
13	Calm	Calm	Calm	Calm	ESE	Calm	------	23.3	33.8	28	-------	5	Ci.	Cu. SE	8	Ci.	Cu.-N. SE
14	Calm	Calm	SE	ESE	ESE	ESE	20.7	41	86.6	28.7	177	4	Ci.	Cu.-N. E	9	Ci.	Cu.-N. E
15	Calm	Calm	Calm	N	Calm	Calm	19	27.6	68.9	45.3	160.8	4	Ci.	S.-Cu. ESE	4	A.-Cu.	Cu. ENE
16	Calm	Calm	Calm	Calm	Calm	Calm	18	23.6	10.8	9.1	61.5	10	A.-S.	Fr.-N. ENE	10	A.-S.	Fr.-N. NE
17	Calm	Calm	Calm	NE	Calm	Calm	17.9	16.7	44	24.4	103	8	Ci.-S.	Fr.-Cu. NE	1	Ci.	Cu. ENE
18	Calm	Calm	NE	N	E	Calm	12.7	25.5	42.9	38.3	119.4	1	Ci.	Cu. ENE	2	Ci.	Cu. N
19	Calm	Calm	N	N	ESE	Calm	22	27.9	44.3	14.8	109	5	Ci.	Cu. E	2	Ci.	Cu. N
20	Calm	Calm	Calm	ENE	ENE	Calm	24.1	19.6	59.7	16.6	120	1	Ci.	Cu. ESE	1	-------	Cu. NNE
21	Calm	Calm	Calm	N	Calm	Calm	19.3	34	22.2	19.6	95.1	1	Ci.	Cu. NE	2	Ci.	Cu. NNE
22	Calm	Calm	N	Calm	E	Calm	18.2	21.2	55.8	29.8	125	1	Ci.	Cu. E	2	Ci.-S.	Cu. E
23	Calm	Calm	NE	N	Calm	Calm	12.9	28.2	50.2	23.9	115.2	1	Ci.	Cu. E	1	-------	Cu. NE
24	Calm	Calm	NNW	NNW	Calm	Calm	29.2	30.6	21.2	27.4	108.4	5	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NNE
25	Calm	Calm	NW	NW	Calm	Calm	31.7	36.8	46.5	26.9	141.9	3	Ci.	Cu. NNE	10	Ci.-S.	Fr.-S. NNW
26	W	W	WSW	W	NW	NW	60	82.3	89.8	87.2	319.3	10	A.-S.	Cu.-N. NW	10	A.-S.	Cu.-N. NNW
27	WNW	WNW	WSW	W	W	WNW	104.6	136.8	133.4	131.4	506.2	10	A.-S.	N.-cf. NNW	10	A.-S.	Fr.-N. WNW
28	WNW	WNW	WSW	WSW	WSW	WSW	115.1	111.8	128.7	119.9	475.5	10	Ci.-S.	N.-cf. NNW	10	A.-Cu.	Fr.-S. W
29	WSW	WSW	WSW	WSW	WSW	WSW	96.6	99.8	114.3	111	421.7	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Fr.-Cu. W
30	SW	SW	SW	SW	SW	SW	148.9	150.5	104.4	77.5	481.3	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	Fr.-Cu. WNW
31	SW	Calm	SW	Calm	Calm	Calm	39.1	73.4	46.4	16.4	175.3	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Fr.-Cu. WSW
Mean	------	------	------	------	------	------	36.6	50.4	65.4	43	198.3	6.3	-------------	-------------	7	-------------	-------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, −1.86 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.28	56.81	57.62	57.06	57.94	59.59	57.55	25.4	25.1	29.3	31.2	28	26.4?	27.6	31.8	24.8	92	92	76	72	85	91	84.7	26.7
2	58.09	58.33	59.30	57.55	57.65	58.59	58.25	25	24	29.6	29.8	28	26.5	27.2	31.5	23.8	93	96	82	76	83	92	87	------
3	58.18	58.68	59.45	57.31	58.55	59.80	58.66	26.3	25	29.2	30.6	28.6	27	27.8	31.2	24.8	91	96	80	72	83	90	85.3	------
4	58.61	58.80	59.54	57.41	58.53	60.11	58.83	25.6	24.3	29.6	31	25.8	25.2	26.9	31.5	24.1	94	93	74	71	88	92	85.3	7.6
5	58.98	59.22	60.08	58.62	59.54	60.89	59.56	25	24.2	29.2	30	28.5	27.2	27.4	31.3	23.9	92	96	81	78	81	86	85.7	------
6	59.81	60.59	61.06	58.85	59.92	61.11	60.22	26.1	25.2	29.8	31.1	28.1	27.2	27.9	31.6	24.8	93	93	77	75	85	86	84.8	------
7	59.77	59.86	61.31?	58.40	58.20	59.99	59.59	25.2	25	29	29.5	28.5	26	27.2	30.5	24.6	92	96	78	83	81	92	87	5.1
8	58.98	59.11	59.85	57.93	57.91	59.54	58.89	25.2	24.6	28	29.7	28.8	26.6	27.2	30.7	24.3	92	96	79	77	79	91	85.7	------
9	58.94	59.01	59.53	57.72	58.20	59.83	58.87	25.9	24.4	29.5	30.4	28.5	27	27.6	31.2	24	92	95	78	74	80	87	84.3	------
10	59.52	59.85	60.28	58.75	58.63	60.01	59.51	25.9	26	29.2	30.2	28.7	27.6	27.9	31.6	25.6	96	92	78	74	82	86	84.7	------
11	59.84	59.94	59.91	58.14	58.25	60.03	59.35	26.8	24.6	29	29.9	28.6	26.8	27.6	30.3	24.3	86	95	81	74	78	87	83.5	4.1
12	59.02	59.28	59.14	57.69	57.76	59.23	58.69	26.2?	24.3	29.2	30.1	28.3	26.5	27.4	31.3	24	89	94	76	73	82	88	83.7	------
13	58.54	58.78	59.05	57.24	57.93	59.11	58.44	26	24.2	29.3	31	28.5	26.8	27.6	31.9	23.9	89	94	78	69	83	89	83.7	3
14	58.83	59.29	59.49	57.89	58.11	59.49	58.85	26.1	25.9	29.2	30.3	28.4	27.6?	27.9	30.8	------	92	93	81	74	78	81	83.2	3.8
15	58.61	58.79	58.81	57.28	57.24	58.33	58.18	26.7	25	28.5	28.6	27.6	26.2	27.1	30.5	------	86	95	81	85	87	90	87.3	.8
16	57.72	57.97	57.79	56.24	56.50	57.42	57.27	25.6	24.6	28.8	28.9	26	25.8	26.6	30	------	90	97	80	82	92	92	88.8	12.1
17	56.31	56.38	57.44	55.27	55.27	55.73	56.07	25	25.5	26.2	27	27.5?	26.2	26.2	27.9	24.9	95	93	89	87	84	86	89	56.4
18	53.85	54.71	54.89	54.61	55.45	57.19	55.12	24.8	26	26.5	27	26.8	26.4	26.2	28.2	24	90	84	84	84	82	83	84.5	3.8
19	56.80	56.95	57.56	56.55	57.70	59.03	57.43	24.6	23.5	28	30.9	26.4	25.8	26.5	32.2	23	93	96	85	68	92	93	87.8	1
20	57.91	58.02	58.39	57.24	58.14	59.40	58.18	25.4	25	28.9	31.1	28.4	26.3	27.5	31.9	24.5	93	95	83	69	82	91	85.5	------
21	58.94	59.20	59	57.71	58.71	59.94	58.92	25.6	24.5	30.1	32.2	28	26.4	27.8	32.5	24.1	92	94	68	59	81	89	80.5	------
22	59.06	59.24	59.38	58.21	58.43	59.56	58.98	26.2	24.8	29.5	28.5	28	27.2?	27.4	31.6	24.3	90	94	72	74	77	81	81.3	.8
23	58.74	58.89	59.24	57.94	58.05	59.41	58.71	26.2?	25	29	28.6	26.5	25.9	26.9	30.2	24.5	87	93	79	82	91	89	86.8	5.4
24	57.50	57.80	58.65	56.80	57.01	58.15	57.65	24.8	23.5	28.2	29.5	27	26.6	26.6	29.9	23.4	92	96	81	80	84	86	86.5	63.5
25	57.10	57.54	58.29	56.85	56.95	58.38	57.52	25.2	23.7	26.6	27.3	26.6	26.2	25.9	27.7	23.2	92	97	87	86	87	89	89.7	6.6
26	57.02	57.23	57.48	56.74	57.01	58.01	57.25	25.5	25.2	27.6	28.8	27	26.1	26.7	29.6	25	93	94	78	71	80	83	83.2	28.2
27	56.29	56.39	56.95	55.81	55.75	56.84	56.34	24.6	23.5	28.7	29.8	27.5	27.7	27	31.2	22.4	86	91	78	68	79	75	79.5	------
28	55.95	56	56.45	55.21	56.10	57.59	56.22	27.2	27.6	31.3	31.4	28.4	27.7	28.9	32.4	27	76	73	65	68	85	81	74.7	------
29	56.74	56.87	57.06	55.99	57.08	57.65	56.90	27.5	26.6	31	31	29.5	26.8	28.7	32.5	25.4	76	80	62	72	70	86	74.3	1.5
30	57.20	57.06	56.91	55.84	56.20	58.02	56.87	25.8	26.4	29.3	31.6	29	27	28.2	32.5	25	88	85	72	66	76	86	78.8	------
Mean	57.97	58.22	58.66	57.16	57.62	58.93	58.10	25.7	24.9	28.9	29.9	27.8	26.6	27.3	30.9	24.4	90.1	92.6	78.1	74.8	82.6	87.3	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	230.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	N	Calm	Calm	Calm	29.2	17.2	24.9	41.5	112.8	10	A.-Cu.	S.-Cu. WNW	10	A.-Cu.	Cu. SW
2	Calm	Calm	Calm	E	Calm	Calm	24.4	18.2	63.6	10.8	117	10	Ci.-S.	S. SW	8	A.-Cu.	S.-Cu. E
3	Calm	Calm	Calm	Calm	E	Calm	17.9	17.1	34.9	34	103.9	10	Ci.-S.	Fr.-Cu. WNW	10	A.-Cu.	S.-Cu. ESE
4	Calm	Calm	Calm	N	Calm	Calm	25.9	25.4	31.1	21.7	104.1	10	Ci.-S.	Fr.-Cu. SE	6	Ci.-S.	Cu. SSE
5	Calm	Calm	E	E	E	Calm	20.9	19.8	75.8	58.9	175.4	10	Ci.-S.	S.-Cu. SE	5	Ci.	Cu. SE
6	Calm	Calm	Calm	NNE	NE	Calm	16.6	16.6	49.1	48.1	130.4	3	A.-Cu.	Cu. ESE	2	Ci.	Cu. ESE
7	Calm	Calm	E	N	E	Calm	19.8	25.1	56.3	21.9	123.1	8	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.-N. ENE
8	Calm	Calm	Calm	N	NE	Calm	19.3	20.7	24.4	48.3	112.7	2	Ci.	Cu. E	2	Ci.	Cu. NE
9	Calm	Calm	ESE	E	ESE	Calm	17.7	55.8	84.2	30.4	188.1	1	Ci.	Cu. ENE	2	Ci.	Cu. SSE
10	Calm	Calm	E	E	E	Calm	7.7	51.5	75.1	39.4	173.7	4	Ci.	Cu. ENE	3	Ci.	Cu. SE
11	Calm	Calm	E	E	E	Calm	20.3	48.9	94.1	34.3	197.6	4	Ci.	Cu. ESE	2	Ci.	Cu. SE
12	Calm	Calm	E	E	E	Calm	19	23.1	71.9	36.4	150.4	2	Ci.	S.-Cu. ESE	2	Ci.	Cu. SE
13	Calm	Calm	Calm	Calm	E	Calm	17.4	12.7	46.2	34.6	110.9	5	Ci.	Cu.-N. ESE	1	Ci.	Cu. E
14	Calm	Calm	N	N	E	Calm	21.9	31.4	34	29.8	117.1	8	Ci.	Cu.-N. NNE	3	Ci.	Cu. WNW
15	Calm	Calm	Calm	Calm	Calm	Calm	22.2	15.8	19.8	19.8	77.6	5	A.-Cu.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
16	Calm	Calm	N	N	NE	Calm	20.9	47.3	62	31.2	161.4	8	A.-Cu.	Cu. NNE	8	A.-Cu. NE	Cu.-N. N
17	Calm	WNW	Calm	NNW	WNW	NW	32.8	48.9	70.2	87.5	239.4	10	Ci.-S.	Cu.-N. N	10	A.-Cu.	Cu.-N. NNE
18	NW	WSW	SW	Calm	SSW	Calm	124.4	123.9	77	18.2	343.5	10	A.-S.	Cu.-N. WNW	10	A.-S.	Cu.-N. W
19	Calm	Calm	Calm	WNW	Calm	Calm	13.4	13.2	44.5	26	97.1	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	Fr.-Cu. W
20	Calm	Calm	Calm	NNW	ESE	Calm	19	25.1	27.6	39.7	111.4	10	A.-Cu.	Fr.-S. E	8	Ci.-S.	Cu. NNW
21	Calm	Calm	NNW	NW	Calm	Calm	17.5	39.7	48.6	36.4	142.2	10	Ci.-S.	Fr.-S. SE	6	Ci.-S.	Cu. NNW
22	Calm	Calm	Calm	Calm	NNE	Calm	34.6	30.9	23.9	26.2	115.6	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	S.-Cu. N
23	Calm	Calm	N	NNW	Calm	Calm	23.1	24.4	23.9	18.8	90.2	10	A.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NW
24	Calm	Calm	NW	Calm	Calm	Calm	21.9	25.2	30.3	19.6	97	10	A.-Cu.	S.-Cu. E	10	Ci.-S.	Cu.-N. NW
25	Calm	Calm	NW	Calm	Calm	Calm	27.2	48	42.4	18.7	136.3	10	------	N. NNW	10	A.-S.	Fr.-N. WSW
26	Calm	Calm	SSW	SW	WSW	WSW	26.8	67.4	72.4	64.7	231.3	10	Ci.-S.	Cu.-N. NNW	10	A.-S.	S.-Cu. NW
27	WSW	WSW	SW	SW	WSW	WSW	53.3	95.5	117.3	85.1	351.2	10	A.-S.	N.-cf. NW	10	A.-Cu. NW	Cu.-N. WSW
28	wbys	WSW	WSW	WSW	WSW	WSW	73.2	77.9	80.5	54.7	286.3	10	Ci.-S.	S.-Cu. WNW	6	Ci.-S.	Fr.-Cu. WSW
29	WSW	Calm	WSW	WSW	WSW	Calm	23.5	58.1	67	25.4	174	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Cu.-N. W
30	WSW	Calm	Calm	NW	W	Calm	53.4	31.7	63.3	12.4	160.8	10	Ci.-S.	Cu.-N. W	10	A.-Cu.	S.-Cu. W
Mean	------	------	------	------	------	------	28.8	38.6	54.5	35.8	157.8	8	------	------	7.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,732.5	----	------	------	------	------	------

NOTE.—The minimum temperatures for June 1 to 26, are taken from a self-recording instrument.

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.78	57.06	56.96	56.01	56.83	58.29	56.99	25.6	24.5	30.9	31.5	29.1	26.3	28	32.3	24.1	88	93	63	69	70	90	78.8	------
2	57.08	57.40	57.88	56.48	57.01	58.01	57.31	25.8	26.5	30.5	31.9	28.7	27.6	28.5	32.3	25.4	90	88	74	68	80	84	80.7	0.8
3	56.96	57.11	57.30	56.71?	56.06	56.91	56.84	27	27	30.5	30.9	27.6	27.4	28.4	32	26.6	84	85	75	72	83	83	80.3	------
4	55.63	55.86	56.44	55.31	55.26	56.71	55.87	27	27.1	29.9	28.5	27.7	27.5	28	30.2	26.7	82	81	74	77	79	81	79	1.5
5	55.68	55.81	56.57	55.96	56.32	57.08	56.24	26.8	26.5	28.4	28.3	27.5	28	27.6	29.5	26	84	86	73	78	80	71	78.7	------
6	56.13	56.51	56.64	54.84	55.29	56.79	56.03	27.6	26	30.8	32.7	29.3	26.8	28.9	33.2	25.3	71	74	60	52	73	89	69.8	------
7	56.37	56.72	57.11	55.58	55.66	57.21	56.44	25.8	24.7	30.6	33.2	28.9	26.3	28.2	33.4	24.2	85	92	58	56	71	88	75	------
8	56.36	56.84	57.39	55.95	56.64	57.31	56.75	25.2	25	28.6	30.9	29.2	25	27.3	32.5	23.3	90	93	85	71	73	94	84.3	------
9	56.88	57.32	57.31	55.99	56.45	57.53	56.91	24.8	27.1	30.3	30.5	29.6	29	28.6	32.8	24.4	93	85	73	71	64	71	76.2	------
10	56.71	56.72	57.66	56.59	56.91	58.08	57.11	27.8	27.6	31	32.2	29.8	28.2	29.4	32.6	27	84	84	68	55	76	73	73.3	------
11	57.84	58.06	58.48	57.36	57.71	58.81	58.04	27.4	27.8	31.5	32.2	29.6	28.3	29.5	33.5	27	74	72	57	62	74	78	69.5	------
12	58.01	58.50	58.71	57.74	58.08	59.39	58.40	27.6	25.2	31	32.5	30	27.5	29	33.6	25	77	92	61	60	59	78	71.2	------
13	57.74	58.03	58.60	57.39	58.03	59.54	58.22	26.8	25.9	31.2	32.2	29.1	28.1	28.9	32.8	25.2	86	88	62	68	74	79	76.2	------
14	58.21	58.81	59.52	57.88	58.04	59.50	58.66	27	27.2	30.5	33.4	29.2	29.1	29.4	33.5	26.7	86	86	71	66	71	71	75.2	------
15	59	58.51	58.83	57.54	57.31	58.76	58.32	28.2	27.7	30.9	31.9	29.1	28.4	29.4	32.9	27.4	79	82	71	60	68	75	72.5	9.6
16	57.55	57.63	58.10	56.40	56.84	57.45	57.33	28	26.5	26.2	29.4	28	28	27.7	31.1	25	79	88	89	74	76	71	79.5	36.6
17	56.51	56.87	57.65	56.91	56.59	58.01	57.09	27.1	26.7	29.6	30	27.5	27.6	28.1	31.5	26.1	78	79	72	71	77	76	75.5	------
18	57.42	57.41	57.85	56.30	56.77	58.41	57.36	26.8	26.3	29.1	30.8	28	28	28.2	31.9	25.5	80	83	77	64	77	76	76.2	------
19	57.27	57.40	57.67	56.26	56.42	57.81	57.14	27.6	27.5	29.3	30	28.5	27.2	28.4	31.8	25.8	80	79	71	77	74	81	77	10.7
20	57.06	57.34	58.42	56.26	56.59	58.43	57.35	26.2	25.1	26.5	26.5	25.6	25	25.8	27.5	24.3	82	89	85	82	85	89	85.3	16
21	57.42	58.08	57.96	56.71	56.94	58.01	57.52	25.6	25	28.7	30.7	27.5	27.2	27.4	30.9	24.4	87	93	75	65	79	81	80	16
22	56.81	57.08	56.81	55.34	55.94	57.03	56.50	25.2	25.4	29	30	27.3	25.4	27	30.6	25	90	90	72	65	80	93	81.7	4.5
23	56.16	55.46	55.75	54.69	55	56.64	55.62	26.8	26.6	29.8	31	28.2	27.8	28.4	31.6	25.8	80	81	67	65	68	77	73	------
24	56.05	56.41	56.34	55.83	56.50	57.66	56.46	27.4	26.3	31.2	31.5	28.6	27.6	28.8	32.4	25.8	80	84	66	63	73	80	74.3	------
25	57.21	57.01	57.56	56.07	56,66	58.26	57.13	26.3	25	28.6	31.5	28.4	26.1	27.6	32.6	24.5	88	93	80	60	82	89	82	------
26	57.46	57.67	57.59	56.47	56.95	58.77	57.48	25.5	24.3	28.8	31.7	28.3	26.2	27.5	33.3	23.9	91	94	79	59	75	89	81.2	------
27	57.93	58.05	58.49	57.54	58.08	59.75	58.31	25	24	28.8	31.6	29.2	25.5	27.4	32.9	23.6	91	95	79	59	74	92	81.7	------
28	58.88	59.08	59.45	57.91	58.99	60.23	59.09	24.2	23.8	29.5	31.8	28.6	25.8	27.3	32.3	23.3	93	96	78	64	76	88	82.5	------
29	59.10	59.70	60.04	58.32	58.72	59.91	59.30	24	23.5	29.5	31.8	29	26.2	27.3	32.2	22.8	92	94	75	69	72	87	81.5	------
30	59.14	59.81	59.93	57.59	58.34	60.11	59.15	25.2	24.5	29	30.5	28.2	26	27.2	31.5	24	90	92	78	62	73	84	79.8	1.3
31	59.83	60.12	59.96	57.99	58.20	60.11	59.37	24.3	23.5	29.2	32	28.8	26.3	27.4	32.4	22.9	89	90	74	66	76	88	80.5	------
Mean	57.33	57.56	57.90	56.58	56.94	58.27	57.43	26.3	25.8	29.7	31.1	28.5	27.1	28.1	32.1	25.1	84.6	87.1	72.3	66.1	74.6	82.1	77.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	97

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	W	WSW	WSW	Calm	13.7	35.4	71.8	30.3	151.2	10	Ci.-S.	Cu. W	1	Ci.	Cu. W
2	Calm	Calm	WSW	WSW	Calm	Calm	23	74	71	40.5	208.5	5	Ci.	Cu.-N. WNW	1	Ci.	Fr.-Cu. W
3	WSW	WSW	WSW	WSW	WSW	W	77.9	98	93.8	91.5	361.2	10	Ci.	Cu.-N. W	7	Ci.	Cu. W
4	W	W	W	SW	SW	WSW	112.7	128.4	127.7	122	490.8	10	A.-S.	Cu.-N. WNW	10	A.-S.	Cu. WSW
5	WSW	SW	WSW	W	W	W	120.1	159.8	149.9	101.4	531.2	10	A.-Cu.	N.-cf. WSW	10	A.-Cu.	Fr.-Cu. WNW
6	W	Calm	WSW	WSW	Calm	Calm	48.9	70.6	75.6	27.2	222.3	10	A.-S.	S.-Cu. WNW	8	A.-S.	S.-Cu. W
7	Calm	Calm	W	WSW	Calm	Calm	12.6	51.5	63.9	16.1	144.1	8	A.-S.	Cu. NW	7	A.-S.	Cu. W
8	Calm	Calm	Calm	NW	Calm	Calm	17.2	26.8	51.7	18.3	114	8	Ci.-S.	S.-Cu. SW	4	Ci.-S.	Cu. N
9	Calm	WSW	WSW	SW	WSW	WSW	37	91.7	102.2	110	340.9	7	Ci.	Cu.-N. W	10	Ci.-S.	Cu. WSW
10	WSW	WSW	W	WSW	SW	SW	126.8	135.8	123.3	102	487.9	10	A.-Cu.	Cu. W	6	Ci.-S.	Cu. W
11	SW	WSW	SW	SW	SW	SW	50.9	88.2	100.9	68.4	308.4	8	Ci.-S.	Fr.-S. W	8	Ci.-S.	Fr.-S. WNW
12	Calm	Calm	Calm	WSW	SW	SW	16.1	38.9	80.3	49.3	184.6	10	A.-S.	S.-Cu. NW	10	A.-S.	S.-Cu. WNW
13	Calm	Calm	W	SW	SW	SW	20.1	67.4	109.9	75.6	273	10	A.-S.	S.-Cu. NW	6	Ci.	Cu. WNW
14	Calm	Calm	WNW	SW	Calm	W	32.8	55.2	57.9	39.7	185.6	6	A.-Cu.	Fr.-Cu. WSW	10	A.-S.	Cu.-N. W
15	W	W	WSW	W	W	W	78.9	100.3	83.9	57.7	320.8	10	A.-Cu.	Fr.-Cu. WSW	10	A.-Cu.	Fr.-Cu. WNW
16	W	W	Calm	W	W	W	80.5	42.1	68.4	89.3	280.3	10	A.-S.	N.-cf. WNW	10	A.-Cu.	S.-Cu. NW
17	W	W	WSW	WSW	Calm	WSW	78.9	85	90.9	60.6	315.4	8	A.-Cu.	Fr.-Cu. W	8	A.-Cu. NW	Fr.-Cu. W
18	WSW	Calm	WSW	WSW	WSW	WSW	27.1	63.9	83.7	75.1	249.8	10	A.-Cu.	Cu.-N. NW	3	Ci.	Fr.-Cu. W
19	WSW	WSW	WNW	W	WNW	WNW	71.9	84	76.6	68.6	301.1	10	A.-Cu.	Fr.-Cu. WNW	7	A.-Cu.	Fr.-Cu. W
20	WNW	WNW	W	Calm	Calm	Calm	61.5	50.1	33.5	29.3	174.4	10	Ci.-S.	S.-Cu. WNW	10	A.-Cu.	Fr.-N. WNW
21	WNW	WNW	W	W	W	W	58.2	77.9	85.6	72.7	294.4	10	A.-Cu.	Fr.-N. WNW	7	Ci.-Cu.	Fr.-Cu. W
22	W	W	W	WSW	WSW	W	74	65.5	101.6	62.6	303.7	10	------------	N. W	5	Ci.	Fr.-Cu. W
23	W	W	WSW	WSW	WSW	WSW	85.8	88.5	79.9	55.5	309.7	5	Ci.-S.	Fr.-Cu. W	7	A.-Cu.	Fr.-Cu. W
24	WSW	Calm	WSW	W	W	Calm	53.4	56.1	74.3	17.7	201.5	7	Ci.-S.	Fr.-Cu. WNW	7	Ci.-S.	Fr.-Cu. W
25	Calm	Calm	Calm	W	Calm	Calm	18.7	24.1	45.1	18.2	106.1	8	A.-Cu.	S.	10	A.-S.	Fr.-S. WNW
26	Calm	Calm	Calm	NW	Calm	Calm	17.2	17.7	44.5	13.5	92.9	8	A.-Cu.	Cu. NW	5	Ci.-S.	Cu. W
27	Calm	Calm	Calm	NW	Calm	Calm	19.8	10.7	49.9	16.6	97	8	Ci.-S.	Fr.-S. W	6	Ci.-S.	Cu. WSW
28	Calm	Calm	Calm	Calm	Calm	Calm	23.3	27.1	19.9	15.6	85.9	8	Ci.-S.	Fr.-S. W	3	Ci.	Cu. SSW
29	Calm	Calm	Calm	N	E	Calm	24.3	39.2	38.1	23.3	124.9	3	Ci.	Cu. SE	7	Ci.-S.	Cu. SW
30	Calm	Calm	Calm	SE	SE	Calm	14	31.9	80.8	25.7	152.4	9	A.-Cu.	Fr.-N. SE	2	Ci.	Cu. SSE
31	Calm	Calm	Calm	Calm	Calm	Calm	24.6	26.4	27.1	11.1	89.2	4	A.-Cu. SE	Cu. SE	3	Ci.	Cu. SSE
Mean	------	------	------	------	------	------	49.1	64.9	76.2	51.8	242	8.4	------------	------------	6.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,503.2	----	------------	------------	----	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, −1.86 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.01	59.23	59.24	57.75	58.14	59.96	58.89	24.7	24.2	30.2	32.2	29.2	25.5	27.7	32.7	23.6	92	94	67	61	72	88	79	-----
2	58.63	58.80	59.04	57.04	57.14	58.46	58.18	24.4	23.5	30.4	31.4	28.5	25.6	27.3	32	23.2	91	95	69	66	78	87	81	46
3	57.76	58.08	58.01	56.21	57.01	58.73	57.63	24.7	24	28.8	30.1	27.5	26.7	27	31.3	23.6	92	96	78	68	78	86	83	2.3
4	57.58	57.30	58	56.71	57.52	58.61	57.62	24.6	23.9	28.7	30.7	28	26.7	27.1	31.3	23.5	92	92	75	67	77	85	81.3	-----
5	57.71	57.59	58.66	57.14	57.36	58.91	57.90	25.7	26.2	28.9	31	27.6	25.5	27.5	31.7	23.8	86	85	71	62	76	91	78.5	19.3
6	58.11	58.42	58.88	57.42	57.78	58.80	58.24	25.3	24.3	27.5	26.9	26.8	26.7	26.2	27.6	23.7	91	91	77	78	78	78	82.2	1
7	58.31	58.54	59.07	57.42	57.73	58.85	58.32	25.5	26	26.4	27.2	27	26.8	26.5	27.9	24	81	79	87	78	86	75	81	6.4
8	57.77	58.04	58.06	56.96	57.59	59.02	57.91	26.3	26.5	28.8	29.5	27.5	27.5	27.7	31	25.1	78	75	69	66	77	77	73.7	1.8
9	57.72	57.78	58.11	57.03	57.24	58.69	57.76	26.5	27	30	31.2	28.2	27.5	28.4	31.4	24.7	81	79	65	61	74	84	74	1.3
10	57.58	57.81	57.20	55.66	56.71	56.99	56.99	27	27.5	28.4	28.9	27.9	27.2	27.8	29.6	24.2	77	76	68	65	73	73	72	9.1
11	55.20	55.16	55.89	54.49	55.02	56.01	55.30	26.8	27.1	29.7	30.3	28.2	28	28.4	31.6	26	75	75	60	60	76	77	70.5	-----
12	55.51	55.57	56.11	55.17	55.34	56.71	55.74	27.9	27.7	31	30.6	28.5	27.5	28.9	32.6	25	69	68	56	57	74	81	67.5	-----
13	56.14	56.72	57.33	55.31	56.49	58.37	56.73	24.5	23.4	30.2	33.3	28.7	25.5	27.6	34.3	23.3	87	95	64	46	69	92	75.5	-----
14	57.67	57.61	58.06	56.19	57.03	58.20	57.46	25	25.2	29.7	33	27.6	25.6	27.7	34.1	24	90	90	75	53	86	91	80.8	-----
15	57.51	57.66	57.99	56.28	57.09	58.01	57.42	24.8	24.5	30.6	32.2	28.7	27.6	28.1	32.8	24	92	93	65	55	69	75	74.8	1.3
16	57.56	57.02	57.62	55.81	57.10	58.26	57.23	24.8	25.5	30	31.4	26.6	25.2	27.2	31.7	24.2	93	84	71	65	86	90	81.5	.8
17	57.38	57.37	58.36	56.59	57.49	58.97	57.69	24.8	24.5	28.7	31.3	27.7	24.8	27	32.6	24	93	93	69	64	76	92	81.2	9.1
18	58.03	57.99	58.62	56.41	56.87	58.71	57.77	24.1	23.6	30	31.8	28.3	26	27.3	32.2	23.3	91	95	69	58	77	88	79.7	-----
19	57.52	57.62	58.28	56.65	57.11	59.02	57.70	24.3	24.6	31	32.3	28.7	26.1	27.8	33	24	94	95	65	62	76	86	79.7	-----
20	57.42	57.34	58.10	56.45	56.30	58	57.27	27.9	27.7	30.5	32.5	27.8	27	28.9	32.5	26.1	79	80	68	60	79	82	74.7	-----
21	57.03	57.27	57.81	55.62	55.90	57.96	56.93	25.8	24.6	31.9	33.2	29.4	28	28.8	34	24.3	85	91	52	52	65	79	70.7	-----
22	57.31	57.59	58.20	56.88	57.55	59.21	57.79	27.4	26.8	32	33	29.7	27.5	29.4	34.2	25.7	79	82	54	53	63	76	67.8	-----
23	58.51	59.01	59.17	57.78	58.19	59.63	58.72	25	24.3	31.5	33.2	29.3	26.6	28.3	34.9	23.9	91	94	57	53	66	81	73.7	-----
24	58.84	59.25	59.37	58.01	58.34	59.80	58.94	24.3	23.5	31.8	32.4	28.5	24.3	27.5	33.1	23	91	94	56	58	70	91	76.7	-----
25	58.51	58.56	59.05	57.57	57.48	58.10	58.21	24	25.5	31	32.8	29.2	28	28.4	33.8	23.3	93	82	58	56	60	74	70.5	-----
26	57.68	57.72	57.92	56.23	56.94	58.17	57.44	27.6	24.7	31	31.5	28.6	28	28.6	33.6	24.5	73	86	59	58	66	76	69.7	-----
27	56.79	57.12	57.19	55.94	57.01	58.35	57.07	27.6	27.2	32.8	34.3	29.4	28.4	30	35.4	26.7	74	75	48	46	68	75	64.3	-----
28	58.04	58.56	59.14	57.42	57.70	59.51	58.40	27.8	27.5	32	33.5	29.6	27	29.6	34.2	25.6	71	70	50	50	61	77	63.2	-----
29	58.67	58.91	59.44	57.77	58.39	59.79	58.83	27.6	26.8	32.2	33.5	29.6	29.5	29.9	34.6	25.9	75	82	54	45	61	64	63.5	-----
30	58.47	58.61	59.44	57.59	57.93	59.10	58.52	28.1	27.8	31.8	32.5	29.6	28.7	29.8	33.4	27.3	80	82	55	53	61	71	67	-----
31	57.36	57.35	57.59	56.72	56.99	58.34	57.39	28	27.8	31.8	31.8	29.3	28.3	29.5	33.4	27.3	72	70	51	53	76	74	66	-----
Mean	57.66	57.79	58.22	56.65	57.18	58.56	57.68	25.9	25.6	30.3	31.6	28.4	26.9	28.1	32.5	24.5	84.1	85.1	63.9	59	72.7	81.2	71.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	98.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NW	NW	Calm	Calm	17.7	44.1	48.5	20.6	130.9	2	-----	Cu. SE	2	Ci.-S.	Cu. W
2	Calm	Calm	NW	NW	NW	Calm	20.3	34.9	59.2	15.9	130.3	3	Ci.-S.	Fr.-Cu. N	7	Ci.-S.	Fr.-Cu. NW
3	Calm	Calm	W	WSW	WNW	WNW	36.7	55.5	78.1	48.1	218.4	10	A.-S.	Fr.-N. NW	7	Ci.-S.	Fr.-Cu. WNW
4	Calm	Calm	Calm	W	WSW	Calm	19	41.3	73.5	33.3	167.1	10	Ci.-S.	Cu.-N. WNW	7	Ci.-S.	Fr.-Cu. WNW
5	WSW	WSW	WSW	W	W	W	53.9	77	72.9	57.9	261.7	10	Ci.-S.	Cu.-N. WNW	10	Ci.-S.	Fr.-Cu. W
6	W	W	W	WSW	WSW	WSW	57.9	57.6	76.7	77.2	269.4	10	A.-S.	Cu.-N. WNW	10	A.-S.	Fr.-N. W
7	W	W	W	WSW	WSW	WSW	93.6	69.7	86.9	80.2	330.4	10	A.-S.	Fr.-N. WNW	10	A.-S.	Cu.-N. W
8	WSW	WSW	WSW	W	SW	SW	82.9	91.2	120.7	90.6	385.4	10	A.-S.	Cu.-N. W	10	A.-Cu.	Cu.-N. WNW
9	WSW	WSW	WSW	W	WSW	NW	72.7	101.2	100.8	56.6	331.3	10	A.-Cu.	Cu.-N. WNW	6	Ci.-S.	Fr.-Cu. W
10	WSW	WSW	WSW	WSW	WSW	WSW	64.9	124.7	170.3	112.1	472	10	A.-S.	Cu.-N. WSW	7	A.-Cu.	Fr.-Cu. W
11	WSW	WSW	WSW	WSW	WSW	W	99.8	99.5	116.4	85?	400.7	10	A.-Cu.	Fr.-Cu. W	10	A.-S.	Fr.-Cu. W
12	WSW	WSW	WSW	WSW	WSW	Calm	61.8?	91.5	78.9	22.8	255	10	A.-S.	Cu.-N. W	10	A.-S.	Fr.-Cu. W
13	Calm	Calm	Calm	SW	Calm	Calm	19.8	33.8	70.8	12.3	136.7	1	A.-Cu.	Fr.-S. W	1	Ci.	Cu. W
14	Calm	Calm	ENE	WSW	Calm	Calm	26.9	40.7	45.1	22.7	135.4	6	A.-Cu.	Cu.-N. WNW	7	Ci.-S.	Cu. WSW
15	Calm	Calm	SW	NW	Calm	Calm	19	46.7	68.1	31.9	165.7	4	Ci.-Cu.	S.	4	Ci.	Cu. NW
16	SW	SW	W	W	NW	Calm	67.3	70.2	89.6	18.2	245.3	6	A.-Cu.	S.-Cu. WSW	5	Ci.	Cu. WNW
17	Calm	Calm	W	W	Calm	Calm	11.8	74.8	69.2	18.3	174.1	8	A.-Cu.	Cu.-N. WNW	7	Ci.-S.	Fr.-Cu. NW
18	Calm	Calm	NW	NW	NW	Calm	13.9	43.3	68.1	32.7	158	3	Ci.-S.	Cu. NW	4	Ci.-S.	Cu. NW
19	Calm	Calm	WSW	W	Calm	Calm	23.1	53.6	74.2	18.7	169.6	8	Ci.-S.	Fr.-Cu. W	6	Ci.	Cu. WNW
20	W	W	WSW	WSW	Calm	Calm	84.7	82.1	62.8	20.6	250.2	10	A.-Cu.	Cu.-N. W	8	Ci.-S.	Cu.-N. W
21	Calm	Calm	WSW	WSW	WSW	Calm	8.3	72.4	82.1	39.1	201.9	5	Ci.	Cu. NW	2	Ci.-S.	Cu. W
22	Calm	Calm	WSW	W	WSW	Calm	41.5	70.5	85.8	38.8	236.6	2	Ci.	Cu. NW	1	Ci.	Cu. WNW
23	Calm	Calm	Calm	WNW	Calm	Calm	22.3	34.9	51.3	15.3	123.8	4	Ci.-S.	Cu. NW	5	Ci.	S. NW
24	Calm	Calm	W	NW	Calm	Calm	21.2	46.7	55.2	20.7	143.8	2	Ci.	Cu. WNW	2	Ci.	Cu. WNW
25	Calm	Calm	WNW	W	W	W	12.9	83.2	80.3	63.1	239.5	5	Ci.	Cu. WNW	3	Ci.	Cu. W
26	Calm	Calm	W	W	SW	SW	34.9	70.5	93	68.4	266.8	3	Ci.-S.	Cu. NW	4	Ci.-S.	Cu. WNW
27	W	Calm	W	W	W	W	52.5	85.5	75.3	68.4	281.7	3	Ci.-S.	Cu. W	2	Ci.	Cu. W
28	WSW	WSW	WSW	SW	SW	Calm	59.2	70.8	82.3	27.1	239.4	5	Ci.-S.	Cu. W	1	-----	Cu. W
29	SW	Calm	W	W	W	SW	42.4	68.7	73	53.9	238	3	Ci.-Cu.	Cu. WNW	2	Ci.-S.	Cu. W
30	SW	SW	SW	SW	SW	SW	72.9	92.5	111.6	85.6	362.6	7	Ci.-S.	Cu. W	4	Ci.-S.	Cu. W
31	SW	SW	SW	WSW	SW	SW	67	90.1	98.5	75.4	331	8	A.-S.	Cu. W	9	A.-Cu.	Fr.-Cu. W
Mean	-----	-----	-----	-----	-----	-----	44.6	68.4	81.3	46.2	240.4	6.4	-----	-----	5.6	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,452.7	-----	-----	-----	-----	-----	-----

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.71	56.96	57.49	55.69	56.20	57.44	56.75	27.8	27.3	32.3	32.5	29	28.5	29.6	33.5	27	73	75	54	60	71	74	67.8	------
2	56.31	56.44	57.25	55.49	55.81	56.85	56.36	28	28.3	31.8	31	29.2	28.4	29.4	34.2	27.4	75	73	58	75	71	88	73.3	------
3	55.55	55.84	56.24	54.39	55.28	56.91	55.70	28.5	28.7	32.7	32.8	29.2	28.6	30.1	34.3	27.6	74	76	52	65	70	77	69	------
4	55.54	55.90	56.58	55.17	55.31	56.56	55.84	28.4	28.8	31.5	32.5	29.3	28	29.8	33	27.6	75	69	57	68	79	85	72.2	------
5	56.04	56.41	56.24	54.61	55.18	56.64	55.85	27.8	26.5	31.8	33	30.1	28.2	29.6	34.7	26.5	82	90	55	65	73	83	74.7	------
6	56.11	56.25	56.17	54.77	55.44	56.74	55.91	26.3	25.6	32	32.8	29.6	28.2	29.1	34.8	25.3	82	85	63	67	84	83	77.3	------
7	56.02	56.01	56.37	54.97	55.84	57.05	56.04	27.2	27	32.8	32.8	29.6	28.4	29.6	34	26.6	83	84	61	62	72	78	73.3	------
8	56.31	56.59	56.95	54.96	56.11	57.45	56.40	27.3	26.5	32.6	33	29.7	28.5	29.6	35.6	26.2	82	84	57	60	63	76	70.3	------
9	56.82	56.97	57.08	55.48	56.53	58.15	56.84	28.3	28.5	32.6	34	29	29	30.2	35.5	27.5	68	66	53	47	73	74	63.5	------
10	57.24	57.29	58.12	57.07	57.56	58.91	57.70	28	27.7	32.8	34	29.5	28.5	30.1	34.4	27.5	76	76	51	51	68	74	66	------
11	58.01	58.30	58.84	57.27	57.81	59.56	58.30	27.8	27.7	30.7	32	29.7	28.8	29.4	33.8	26.8	79	77	67	57	60	68	68	------
12	57.71	57.96	58.54	56.61	58.07	58.61	57.92	28	27.6	30.7	30.3	28.4	27.2	28.7	33	26.8	72	75	63	70	71	79	71.7	------
13	57.76	58.29	58.65	57.29	58.20	59.05	58.21	27.3	27	30.7	31	28.3	26.5	28.5	34.2	25.5	78	80	58	56	74	77	70.5	------
14	58.33	58.81	59.50	57.84	58.61	60.04	58.86	25.6	26.5	33.2	33	28.3	26.3	28.8	34.9	24.6	84	80	49	55	67	82	69.5	------
15	59.47	59.65	60.03	57.47	57.94	59.55	59.02	25.5	25	31.2	32.8	28.5	25.8	28.1	33	24.2	84	88	62	62	74	88	76.3	------
16	58.83	58.96	59.26	56.88	57.56	59.60	58.52	25.2	24.7	31.8	32.7	29	27.6	28.5	33	24.1	88	90	64	58	69	78	74.5	------
17	58.21	58.36	58.59	56.29	57.31	59.46	58.04	26	25.8	32.3	32.8	28.5	26.3	28.6	33.2	25.1	88	88	59	55	78	88	76	------
18	58.61	58.79	59.43	57.35	58.26	60.42	58.81	24.5	24.2	32	32.4	28.7	25.7	27.9	33.4	23.5	92	92	66	59	75	86	78.3	19.3
19	59.46	60.01	60.48	58.36	59.21	60.81	59.72	24.3	23.2	31.1	32	28.7	25.7	27.5	32.4	22.3	89	94	64	67	88	87	81.5	------
20	59.50	59.62	60.20	58.08	58.56	60.12	59.35	24.4	23.8	30.3	32	24.7	24.2	26.6	33	23.3	91	93	68	63	96	93	84	15.5
21	58.80	58.48	59.69	57.79	57.93	58.78	58.58	23.6	24.8	30.5	28	26.3	24.1	26.2	30.6	23	95	92	68	72	82	94	83.8	15.2
22	57.68	57.46	58.60	56.66	56.86	58.22	57.58	24.7	25.5	30	30.4	27.4	27.2	27.5	31	24	91	88	85	66	81	83	82.3	13.2
23	56.89	57.01	58.01	56.31	56.72	58.06	57.17	27	26.5	28.7	29	27.5	27.2	27.6	31	24.5	80	82	89	73	84	91	83.2	3.3
24	56.83	57.21	58	56.41	57.42	58.92	57.46	27	27.2	30.8	31	27.9	24.3	28	32.1	23.8	96	98	77	69	77	96	85.5	.8
25	58.01	58.22	58.31	56.11	57.34	59.10	57.85	25.7	25	28.5	31.5	28	27.3	27.7	32.2	24.2	91	93	75	60	74	76	78.2	9.9
26	57.88	58.75	58.44	56.46	57.82	58.81	58.03	27.2	26.8	30.9	31.2	27.5	27	28.4	32.2	24.6	81	84	63	61	81	81	75.2	1.8
27	58.21	58.71	59.54	56.99	58.33	59.79	58.60	26.9	25	26.3	31	27.2	25.5	27	31.5	23.8	77	88	86	63	82	86	80.3	.5
28	58.43	58.73	59.65	57.01	58.21	59.55	58.60	26.5	26.8	31.1	33.2	28.5	25	28.5	34.3	23	82	82	63	53	73	82	72.5	------
29	58.58	59.09	59.38	57.12	58.35	60.02	58.76	23.9	24.5	29.7	32.6	28.2	25.7	27.4	33.9	23	92	94	73	50	74	86	78.2	------
30	58.48	59.30	59.55	57.49	58.51	60.12	58.91	24.2	24	32	32	27.6	25.2	27.5	32.9	23.3	91	94	54	60	81	91	78.5	------
Mean	57.61	57.88	58.37	56.48	57.28	58.71	57.72	26.4	26.2	31.2	32	28.4	26.9	28.5	33.3	25.1	83	84.3	63.8	61.6	75.5	82.8	75.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	79.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	Calm	W	W	WSW	SW	59.3	83.4	108.9	98.2	349.8	3	Ci.	Cu. W	3	Ci.	Fr.-Cu. W
2	SW	SW	SW	WSW	WSW	WSW	60.6	93.1	123.3	125	402	10	A.-S.	Fr.-Cu. W	10	A.-S.	Cu. WSW
3	WSW	WSW	SW	WSW	WSW	W	87.9	113.5	120.4	103.5	425.3	5	A.-Cu.	S.-Cu. W	7	A.-Cu.	Fr.-Cu. W
4	WSW	WSW	WSW	W	WSW	WSW	102.4	92.3	90.6	56.6	341.9	10	A.-Cu.	Fr.-Cu. W	9	A.-S.	Fr.-S. W
5	Calm	Calm	W	W	W	W	61.4	60.6	104.3	48.8	275.1	8	Ci.-S.	Fr.-S. WNW	5	Ci.-S.	Fr.-Cu. W
6	Calm	Calm	WSW	WSW	WSW	Calm	18.7	55.2	105.9	35.4	215.2	10	Ci.-S.	Fr.-S. WNW	3	Ci.	Fr.-Cu. WSW
7	Calm	Calm	W	W	W	W	34.3	65.8	91.9	86.9	278.9	5	Ci.-S.	Cu. NW	5	Ci.-S.	Cu. W
8	SW	Calm	W	WSW	W	W	57.9	53.7	92.2	107.5	311.3	9	Ci.-S.	S.-Cu. W	4	Ci.-S.	Fr.-Cu. W
9	WSW	WSW	WSW	SW	SW	SW	81.9	81	90.9	60.4	314.2	10	A.-Cu.	Cu.-N. W	5	A.-Cu.	Fr.-Cu. W
10	SW	SW	WSW	W	WSW	WSW	61.2	67.8	91.2	84.3	304.5	10	A.-Cu.	S.-Cu. NW	6	Ci.-S.	Cu. W
11	WSW	WSW	WSW	WSW	WSW	WSW	64.4	64.6	77.7	80.8	287.5	5	A.-Cu.	Cu. WNW	6	A.-Cu.	Fr.-S. WNW
12	WSW	WSW	SW	SW	WSW	WSW	85	118.3	112.7	69.2	385.2	10	A.-Cu.	Fr.-N. W	7	A.-Cu.	Fr.-Cu. W
13	Calm	Calm	Calm	WSW	WSW	Calm	47	49.7	67.9	33	197.6	10	A.-S.	Fr.-Cu. W	10	A.-Cu.	Fr.-N. W
14	Calm	Calm	WSW	WNW	Calm	Calm	29.5	42.1	70.3	15.1	157	10	A.-Cu.	S.-Cu. W	5	Ci.-S.	Cu. WNW
15	Calm	Calm	Calm	NW	WSW	Calm	24.9	27.7	68.2	24.3	145.1	6	Ci.-S.	Fr.-S. WNW	2	Ci.	Cu. WSW
16	Calm	Calm	Calm	WNW	WSW	Calm	23.8	38.3	85.9	17.2	165.2	2	Ci.-S.	Cu. WNW	3	Ci.	Cu. S
17	Calm	Calm	W	WNW	WSW	Calm	17.1	51.5	74.6	16.9	160.1	5	Ci.	Cu.-N. WSW	4	Ci.-S.	Cu. SSW
18	Calm	Calm	ENE	WNW	Calm	Calm	21.7	43.7	66	25.9	157.3	6	Ci.-S.	Cu.	1	Ci.-S.	Cu. SSW
19	Calm	WSW	WSW	WNW	Calm	Calm	32	52.3	58.4	11.3	154	10	A.-Cu.	Cu.-N. WSW	4	Ci.-S.	Cu.-N. SSW
20	Calm	Calm	W	WNW	WSW	Calm	19.1	65.8	71.3	16.7	172.9	4	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. NW
21	Calm	Calm	NW	NW	Calm	WSW	27.2?	47.2	44.9	54.7	174	7	Ci.-S.	Cu. SW	10	A.-S.	Cu.-N. NNW
22	WSW	WSW	WSW	WSW	WSW	WSW	48	83.2	99.6	82.4	313.2	10	A.-S.	Fr.-Cu. WSW	6	Ci.-S. N	Fr.-Cu. W
23	WSW	WSW	WSW	WSW	W	Calm	79.1	76.2	80	55	290.3	10	A.-Cu.	Cu.-N. WSW	10	A.-Cu.	Fr.-N. W
24	WSW	WSW	WSW	WSW	WSW	SW	72.1	83.5	77.2	49.4	282.2	4	Ci.-S.	Fr.-Cu. WSW	7	Ci.-S.	Fr.-Cu. WSW
25	Calm	Calm	W	NW	SW	SW	22?	48.1?	74	87.5	231.6	10	A.-Cu.	Cu.-N. WSW	3	Ci.-S.	Fr.-Cu. W
26	SW	SW	SW	WSW	SW	Calm	76.7	97.6	104.3	31.1	309.7	10	A.-Cu.	Fr.-N. WSW	3	Ci.-S.	Fr.-Cu. WSW
27	Calm	WSW	WSW	W	Calm	Calm	54.9	108.1	93	18	274	10	A.-Cu. NW	Fr.-N. W	3	Ci.-Cu.	Fr.-Cu. WSW
28	Calm	Calm	WSW	W	Calm	Calm	37.6	44.5	49.6	21.5	153.2	10	A.-S.	Fr.-N. WSW	4	Ci.-S.	Fr.-Cu. W
29	Calm	Calm	Calm	W	Calm	Calm	16.4	37.5	61.2	17.9	133	10	A.-Cu.	Cu.-N. W	3	A.-S.	Fr.-S. W
30	Calm	Calm	WSW	W	Calm	Calm	17.2	49.7	47.7	16.1	130.7	6	A.-S.	Cu. WNW	4	A.-S.	Fr.-S. WNW
Mean	-----	-----	-----	-----	-----	-----	48	66.5	83.5	51.7	249.7	7.8	-----	-----	5.3	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,492	-----	-----	-----	-----	-----	-----

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59.57	60.20	57.64	58.35	59.85	59.09	24.7	24.2	29.9	30.2	28	25.8	27.1	31.7	------	92	93	74	71	86	92	84.7	------
2	58.84	59.48	60.08	57.98	58.68	60.21	59.21	24.1	23.8	30	30.3	28.2	25.6	27	31.5	------	96	97	78	78	82	91	87	2.3
3	59.64	59.97	60.63	58.75	59.33	60.99	59.88	25	24	28.7	28.5	27.7	26	26.6	31	------	93	97	80	78	82	90	86.7	4.8
4	59.89	60.04	60.76	58.57	58.92	60.60	59.80	24.2	23.8	29.9	31	28	25.3	27	32.3	------	93	95	69	65	77	89	81.3	------
5	60.21	60.46	61.01	58.78	59.58	60.71	60.12	23.3	22.6	29.6	30.9	28	24.9	26.6	33.2	------	94	95	74	60	77	89	81.5	10.7
6	60.03	60.22	60.91	58.82	59.29	60.10	59.90	24	23.8	29.3	29.8	28	25.3	26.7	30	------	94	97	74	75	79	91	85	1.8
7	59.32	59.46	60.10	58.24	59.15	60.39	59.44	24.8	24.7	28.6	29.8	27.2	25.4	26.8	30.8	------	95	96	77	77	84	92	86.8	7.2
8	59.73	60.34	60.95	58.54	59.56	61.24	60.06	24.7	24.8	28.3	29.8	28.3	25.9	27	30.1	------	96	98	82	76	83	94	88.2	2.8
9	59 ?	60.37	61.75	59.21	59.76	60.79	60.15	24	23.5	25.3	27.3	26.9	26.7	25.6	28.3	------	95	97	88	86	84	86	89.3	6.4
10	59.81	60.24	60.84	59	59.85	60.84	60.10	25.7	26	29	28.7	27.7	25.2	27	29.9	24.5	91	87	80	75	82	88	83.8	1.3
11	59.13	59.61	59.93	58.01	59.03	60.02	59.29	24.3	23.7	29.7	30.7	27	24.9	26.7	31	23.2	91	97	73	70	83	92	84.3	8.1
12	59.33	60.11	60.52	58.23	58.91	60.04	59.52	23.8	24.4	28.3	29.4	27.2	24.6	26.3	30.5	23.4	97	97	78	76	81	95	87.3	------
13	59.83	60.21	60.80	58.99	59.81	61.42	60.18	23.4	23.4	29.5	29.8	27.8	24.7	26.4	31	22.4	97	96	72	73	74	90	83.7	------
14	60.71	60.91	61.67	59.34	59.91	61.01	60.59	25	24	29.3	30.3	27.6	24.9	26.8	30.8	23.3	90	92	72	69	81	88	82	------
15	60.03	60.68	61.25	58.60	59.48	60.74	60.13	23.6	23.2	29.5	30.8	27.6	27.1	27	31.4	22.1	95	94	70	67	76	78	80	------
16	59.75	60.40	61.34	59.02	59.71	61.17	60.23	24.9	24	29.5	30.6	28.1	24.1	26.9	31.9	23.1	87	91	73	68	72	93	80.7	------
17	60.33	61.11	61.71	59.55	60.34	61.41	60.74	23	22.4	30	31	28.2	27.4	27	32.7	21.5	91	94	69	67	80	84	80.8	------
18	60.52	61.31	61.71	59.47	59.99	61.45	60.74	24.4	24.2	30.3	29.9	27.7	26.3	27.1	31.7	23.3	91	94	72	69	81	86	82.2	------
19	60.22	60.75	61.13	59.35	60.01	61.17	60.44	24	23.4	29.9	30	27.8	25.6	26.8	32	22.8	93	96	72	74	82	90	84.5	------
20	60.29	60.92	61.73	59.62	60.45	61.86	60.81	24.2	24.7	30.5	30.8	28.3	27.6	27.7	32.2	23.1	90	91	64	69	80	81	79.2	------
21	60.68	61.50	62.25	60.13	61.05	62	61.27	26.2	24.4	30.7	28	27.9	27.1	27.4	32.1	23.5	85	93	66	79	78	76	79.5	5.8
22	60.96	61.21	61.53	59.82	60.55	61.33	60.90	23.8	22.6	29.9	31	27.9	27.3	27.1	32.1	22	90	95	65	63	78	83	79	.3
23	60.40	60.66	61.18	59.35	60.49	61.24	60.55	25	23.9	29.3	29	26.7	24.2	26.4	31.5	22.9	84	92	72	71	85	96	83.3	22.4
24	60.28	60.96	61.29	59.62	60.39	60.82	60.56	23.8	23.4	27.5	28.5	25	26.9	25.8	29.5	22.7	91	97	88	78	92	93	89.8	44.7
25	59.96	60.59	61.70	59.66	60.66	61.97	60.76	25.8	26	26.5	26.5	26	25.2	26	28	24.1	93	92	96	96	97	97	95.2	13.2
26	60.60	61.31	62.01	59.52	60.30	61.05	60.80	24.5	24.5	25.2	25	24.1	24.1	24.6	26.6	23	96	96	98	96	98	98	97	21.8
27	59.77	60.41	61.91	59.23	60.06	61.41	60.46	23.8	23.5	24	25	24.5	23.5	24	25.2	22.9	97	97	96	92	97	97	96	30.3
28	60.47	61.22	62.34	59.74	60.89	61.65	61.05	23.4	23.8	26.5	27	25	24.5	25	28.9	22.5	95	93	88	84	97	97	92.3	24.9
29	60.33	60.83	61.61	59.06	59.99	61.14	60.49	24.3	24.1	28.5	29.4	27.4	26.9	26.8	30.5	23	96	96	81	76	93	94	89.3	8.4
30	60.04	60.82	61.36	59.21	60.46	61.16	60.51	24.4	23.2	29.5	25.9	24.5	23	25.1	31.6	22.1	94	94	74	93	92	93	90	31.4
31	60.56	60.86	61.81	59.55	60.81	61.94	60.92	22.7	23.1	29	28.5	26	24.4	25.6	31.2	21.9	95	96	81	81	91	92	89.3	2.3
Mean	59.99	60.53	61.23	59.05	59.86	61.02	60.28	24.3	23.9	28.8	29.1	27.1	25.5	26.4	30.7	22.9	92.8	94.7	77.3	75.9	84	90.2	85.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	250.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	A.-Cu.	Fr.-S.	7	A.-S.	Cu. SSW
2	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	7	A.-S.	Cu. E	3	------------	Cu. ENE
3	Calm	----	Calm	----	Calm	----	NE	2	NE	1	Calm	----	4	Ci.-S.	Cu.-N. ENE	7	Ci.-Cu.	Cu.-N. ENE
4	Calm	----	Calm	----	ENE	1	ENE	1	ENE	1	Calm	----	2	Ci.-S.	Cu. ESE	2	Ci.-S.	Cu. SE
5	Calm	----	Calm	----	Calm	----	N	1	NE	1	Calm	----	5	Ci.-S.	Cu. E	1	Ci.-S.	Cu. SE
6	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	4	A.-Cu.	Cu.-N. ENE	4	Ci.-S.	Cu.-N. ESE
7	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	7	A.-Cu.	Cu.-N. ENE	7	A.-Cu.	Cu.-N. E
8	Calm	----	Calm	----	Calm	----	NNW	2	Calm	----	Calm	----	10	A.-Cu.	Cu.-N. E	4	Ci.-S.	Cu. ENE
9	Calm	----	Calm	----	Calm	----	N	1	N	1	Calm	----	8	A.-S.	Cu.-N. ENE	7	A.-S.	Cu.-N. ENE
10	Calm	----	Calm	----	N	1	Calm	----	Calm	----	Calm	----	8	A.-Cu.	Cu.-N. N	9	A.-Cu.	Cu.-N. ENE
11	Calm	----	Calm	----	NNW	1	NNW	1	Calm	----	NNW	1	4	Ci.-S.	Cu. NE	1	Ci.-S.	Cu. NNE
12	Calm	----	NE	1	Calm	----	Calm	----	ENE	1	Calm	----	10	A.-S.	Fr.-N. ENE	7	A.-Cu.	Cu.-N. NE
13	Calm	----	Calm	----	Calm	----	ENE	1	ENE	2	Calm	----	2	A.-S.	S.-Cu. NE	2	Ci.	Cu. E
14	Calm	----	Calm	----	Calm	----	ENE	1	ENE	1	Calm	----	10	A.-Cu.	Cu.-N. NE	2	Ci.	Cu. ENE
15	Calm	----	Calm	----	Calm	----	NNW	1	E	2	E	1	8	A.-Cu.	S.-Cu. NE	2	Ci.	Cu. ENE
16	Calm	----	Calm	----	ENE	1	NNW	1	ENE	1	Calm	----	2	Ci.-S.	Cu. ESE	2	Ci.	Cu. NE
17	Calm	----	Calm	----	E	1	N	1	NE	2	Calm	----	3	Ci.-S.	Cu. ENE	1	Ci.	Cu. ENE
18	Calm	----	Calm	----	ENE	2	ENE	1	ENE	2	Calm	----	4	Ci.	Cu.-N. ESE	3	------------	Cu.-N. E
19	Calm	----	Calm	----	ENE	1	E	2	ESE	2	Calm	----	2	Ci.	Cu. SE	2	Ci.	Cu. SE
20	Calm	----	Calm	----	E	1	N	1	ENE	1	ENE	1	3	Ci.	S.-Cu. SE	5	Ci.-S.	Cu.-N. ESE
21	Calm	----	Calm	----	ENE	1	ENE	1	ENE	2	ENE	1	3	Ci.	Cu. SE	2	Ci.-S.	Cu.
22	Calm	----	Calm	----	ENE	1	E	2	ENE	1	ENE	1	1	Ci.-S.	Cu.	3	------------	Cu. E
23	Calm	----	SSW	1	ENE	3	NE	3	E	1	Calm	----	3	------------	Cu.	7	Ci.-S.	Cu.-N.
24	Calm	----	Calm	----	SSW	1	EbyN	3	Calm	----	EbyN	2	8	------------	Cu.-N. ENE	10	------------	Cu.-N. E
25	E	4	EbyN	2	E	2	E	2	Calm	----	E	2	10	------------	Cu.-N. E	10	------------	S.-Cu. ESE
26	Calm	----	Calm	----	Calm	----	Calm	----	N	1	Calm	----	10	Ci.-S.	Cu.-N. NNE	10	------------	Cu.-N. NNE
27	Calm	----	Calm	----	Calm	----	E	2	Calm	----	Calm	----	9	Ci.-S.	S.-Cu. E	10	------------	S.-Cu. ESE
28	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	9	A.-Cu.	Cu.-N.	9	------------	S.-Cu. NE
29	Calm	----	Calm	----	E	2	ENE	2	EbyN	1	Calm	----	9	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu.-N. ENE
30	Calm	----	Calm	----	EbyN	1	ESE	1	S	1	Calm	----	6	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu. E
31	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	9	A.-Cu. E	Cu.-N. NE	6	A.-Cu.	Cu.-N. ENE
Mean	------	0.1	------	0.1	------	0.7	------	1.1	------	0.8	------	0.3	6.1	------------	------------	5.1	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.98	61.51	62.13	59.91	61.19	62.22	61.32	23.5	23.5	30	29.1	26.9	25	26.3	31.2	22.5	94	96	74	74	84	96	86.3	2
2	61.07	61.22	62.01	59.74	60.39	61.55	61	23.5	23.4	27	27.5	24.8	23.9	25	29.5	22.6	96	97	88	84	94	97	92.7	17.2
3	60.21	60.26	60.86	58.28	59.16	60.06	59.80	23.8	23.9	25	26	25.6	24	24.7	26.7	23.3	97	97	92	90	91	96	93.8	6.9
4	59.48	60.20	61.01	58.67	60.02	61.39	60.13	23.7	23.5	29.3	27.6	26.8	25.6	26.1	31.2	22.9	97	98	79	84	86	89	88.8	7.6
5	59.98	60.76	61.40	58.99	59.75	60.71	60.26	24.2	23.5	29	30	27.5	25.4	26.6	31	23	92	97	78	75	83	87	85.3	2.3
6	59.78	60.06	60.36	58.41	58.99	60.05	59.61	24.5	24	29.4	29.5	27.5	26	26.8	31.5	22.7	91	96	78	75	80	85	84.2	-----
7	59.18	59.61	60.05	58.04	58.49	59.39	59.13	24.5	24	28	29.5	27.4	25.3	26.4	30.3	23.3	90	96	85	78	70	78	82.8	15.5
8	58.83	59.55	60	57.83	58.64	59.46	59.05	24.2	23.6	30	30.5	27.4	25.7	26.9	31.2	22.8	87	98	71	72	78	98	84	-----
9	59.03	59.39	59.84	57.89	59.03	60.01	59.20	24	23	29.5	30.5	27.5	24.8	26.6	31	22.4	89	96	74	68	81	85	82.2	.5
10	59.09	59.66	59.89	58.01	58.84	59.26	59.12	23.8	23.5	29.4	28	27.4	26.8	26.5	30.3	22.7	91	96	75	85	84	84	85.8	7.1
11	58.32	58.66	59.21	57.32	58.01	59.11	58.44	24.2	26.5	28.5	29.5	25.4	24.7	26.5	30.3	23	83	84	74	81	93	93	84.7	15.2
12	58.57	59.03	59.69	57.53	58.20	59.66	58.78	23.8	23.5	28.5	30	27.5	24.3	26.3	30.8	22.6	95	96	79	75	81	85	85.2	-----
13	58.09	59.15	60.19	57.68	58.65	60.19	58.99	23.6	22.5	30	31	27.9	25.6	26.8	31.8	21.8	90	96	74	69	82	86	82.8	2.5
14	59.24	59.67	60.28	58.06	58.67	59.91	59.30	23.7	23.9	30.5	29.5	26.4	24.9	26.5	31.4	22.8	91	97	75	78	86	89	86	12.7
15	58.56	58.82	59.60	57.43	58.55	59.72	58.78	24.1	23.5	27.8	29.5	27.5	26.7	26.5	30.4	22.7	92	96	82	68	81	86	84.2	.5
16	58.60	58.78	59.41	56.64	57.66	58.93	58.34	24.2	23.5	29.5	28.5	27.1	24.5	26.2	31.4	22.4	90	96	72	80	83	94	85.8	3.6
17	58.21	58.38	59.19	57.24	58.15	59.26	58.40	23.3	24	29	28	25.8	24.4	25.8	30.8	22.8	95	96	76	85	89	96	89.5	37.1
18	58.59	59.33	59.72	57.64	58.98	60.01	59.04	23.4	24.1	28.5	28.5	27	25.5	26.2	30.1	22.8	95	95	82	80	85	93	88.3	1
19	59.06	59.41	60.59	58.51	59.31	60.52	59.57	24.2	23.4	28	27.5	25.5	24.2	25.5	30.1	22.8	95	97	84	84	93	94	91.2	22.3
20	59.77	60.11	60.73	58.55	59.40	60.45	59.84	24.3	24	29.5	29.5	27.9	27.5	27.1	30.9	22.9	95	96	78	81	84	86	86.7	.3
21	59.88	59.92	60.95	58.76	59.34	60.64	59.92	25.4	24.5	28.5	28.6	27.5	27.3	27	29.3	23.1	88	91	88	84	84	90	87.5	12.9
22	59.85	59.65	61.01	58.76	59.45	60.44	59.86	24.6	24.1	29.5	30	27	27.1	27	30.2	23.3	94	99	75	71	83	83	84.2	-----
23	59.64	59.81	60.68	59.22	59.47	59.93	59.79	26.8	27	27	25.5	25.1	24.5	26	29.3	24.1	82	81	80	93	91	93	86.7	9.4
24	59.06	59.41	60.21	57.84	58.95	60.01	59.25	25.1	24.2	28	29	27.5	25.9	26.6	29.8	23.6	96	98	88	81	89	91	90.5	8.4
25	58.79	58.48	59.67	57.74	59.03	59.85	58.93	25.4	24	28.5	29.6	27.9	26.5	27	29.9	23.4	94	97	81	83	80	85	86.7	73.2
26	57.47	55.20	58.51	57.91	59.64	60.71	58.24	25.5	23.5	25.9	27.5	27	26.5	26	30.2	22.7	90	96	92	81	84	89	88.7	27.2
27	59.68	60.17	60.65	58.41	59.64	60.76	59.88	24	24.2	29.5	30.5	27.5	25.8	26.9	31.4	22.9	93	98	78	72	84	83	84.7	-----
28	59.65	60.24	60.51	57.45	58.36	59.19	59.23	26.4	26	29.5	29.6	27	26.4	27.5	30.2	24.8	83	82	72	72	83	87	79.8	-----
29	58.11	58.54	59.46	57.67	58.98	60.14	58.82	26.3	24	29.9	28	25.2	24.5	26.3	30.3	23.3	91	95	74	80	92	96	88	4.4
30	58.88	59.21	60.14	58.28	58.87	59.84	59.20	24.8	26.5	29.5	30.2	27.1	26.6	27.4	31.8	23.5	94	85	78	75	84	86	83.7	-----
Mean	59.19	59.47	60.26	58.15	59.06	60.11	59.37	24.4	24.1	28.7	28.9	26.9	25.5	26.4	30.5	23	91.7	94.6	79.2	78.6	84.7	89.3	86.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	289.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	E	2	E	3	Calm	----	Calm	----	5	Ci.-S. NE	Cu.	3	----	Cu.
2	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	5	Ci.-S.	Cu.-N. ENE	9	----	S.-Cu. NE
3	ENE	1	Calm	----	Calm	----	ENE	1	Calm	----	Calm	----	10	A.-Cu.	Cu.-N. ENE	10	Ci.-S.	S.-Cu. E
4	Calm	----	Calm	----	E	1	NNW	1	E	1	Calm	----	4	A.-Cu. E	Cu.	8	A.-Cu.	Cu.-N.
5	Calm	----	SW	1	E	1	E	1	E	2	Calm	----	4	A.-Cu. E	Cu. ENE	3	Ci.-S.	Cu.
6	Calm	----	Calm	----	ESE	1	E	1	ENE	3	E	1	3	----	Cu. ENE	4	Ci.	Cu. ENE
7	Calm	----	Calm	----	E	1	ENE	1	ENE	2	Calm	----	3	----	Cu. NE	6	----	Cu.-N. ENE
8	Calm	----	Calm	----	ENE	1	ENE	2	ENE	1	Calm	----	5	Ci.-S.	Cu. ENE	6	----	Cu. ENE
9	Calm	----	Calm	----	ENE	2	ENE	1	NE	1	Calm	----	7	Ci.-S. E	S.-Cu. ENE	2	A.-Cu.	Cu.
10	Calm	----	Calm	----	ENE	1	ENE	1	ENE	1	Calm	----	9	A.-Cu.	S.-Cu. NNE	9	----	Cu.-N. NE
11	Calm	----	NE	1	NE	3	SE	1	Calm	----	Calm	----	9	A.-Cu.	Cu.-N. NE	8	----	Cu.-N. ENE
12	Calm	----	Calm	----	ENE	1	NNE	1	ENE	1	Calm	----	5	A.-Cu. NE	N.	2	----	Cu.
13	Calm	----	Calm	----	ENE	1	ENE	1	NE	2	Calm	----	2	A.-Cu. NE	Cu.	2	Ci.	Cu. E
14	Calm	----	Calm	----	E	1	ESE	1	SE	1	Calm	----	3	----	Cu.-N. E	8	A.-Cu. E	S.-Cu.
15	Calm	----	Calm	----	E	1	ENE	2	ENE	3	E	2	7	A.-Cu.	S.-Cu. NE	2	A.-Cu.	Cu. ENE
16	Calm	----	Calm	----	Calm	----	E	1	E	2	Calm	----	4	----	Cu. E	7	----	Cu.-N. E
17	Calm	----	Calm	----	E	1	N	1	Calm	----	Calm	----	8	A.-Cu.	S.-Cu. E	6	A.-Cu. E	Cu.
18	Calm	----	ENE	1	Calm	----	Calm	----	ESE	1	Calm	----	10	----	S.-Cu. ENE	5	A.-Cu.	Cu. E
19	Calm	----	Calm	----	E	1	E	1	Calm	----	Calm	----	2	A.-Cu.	Cu. E	5	A.-Cu. ESE	Cu. E
20	Calm	----	SSE	1	Calm	----	N	2	NE	1	NE	1	2	A.-Cu. ENE	Cu.	2	----	Cu. E
21	Calm	----	Calm	----	Calm	----	Calm	----	ENE	2	Calm	----	1	Ci.-S.	Cu.	6	----	Cu. NE
22	Calm	----	Calm	----	E	3	ENE	2	E	1	ENE	1	3	Ci.-S.	Cu. NE	4	Ci.-S.	Cu. E
23	Calm	----	E	2	EbyN	2	E	2	SE	1	Calm	----	9	Ci.-S.	Cu. NE	10	----	N. E
24	Calm	----	Calm	----	N	1	NbyW	1	Calm	----	Calm	----	10	----	S.-Cu. E	3	Ci.-S.	Cu. ENE
25	WbyN	1	Calm	----	Calm	----	NW	2	EbyN	1	Calm	----	8	Ci. E	S.-Cu.	4	Ci. E	Cu. NNE
26	NW	1	SW	2	ESE	1	ESE	3	EbyS	1	Calm	----	10	----	N. WSW	10	Ci.-S.	S.-Cu. SSE
27	Calm	----	Calm	----	E	2	E	2	EbyN	2	ENE	2	3	Ci.-S. SE	Cu. E	4	----	Cu. E
28	Calm	----	ENE	2	E	2	E	2	ENE	1	Calm	----	10	Ci.-S.	Cu.-N. NE	4	----	Cu. ENE
29	Calm	----	Calm	----	E	1	E	1	SE	1	Calm	----	9	A.-Cu. ESE	S.-Cu.	8	----	S.-Cu. E
30	Calm	----	EbyN	1	E	1	E	1	ENE	2	ENE	2	9	Ci.-S.	Cu. ENE	5	Ci. SE	Cu.
Mean	-------	0.1	-------	0.4	-------	1.1	-------	1.3	-------	1.1	-------	0.3	6	-------	-------	5.5	-------	-------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.30	59.46	59.91	58.20	59.31	60.38	59.43	26.3	26.5	29.4	27.5	25.5	24.4	26.6	31.3	23.1	86	88	72	86	92	93	86.2	7.9
2	59.75	59.91	60.67	58.40	59.37	60.52	59.77	23.4	23.5	27.5	27.7	25	25.5	25.4	29.8	22.3	94	96	87	80	92	93	90.3	32.2
3	59.52	59.71	60.37	58.19	59.42	60.04	59.54	24.5	24	26.5	27.5	25.5	24.7	25.4	29.3	22.9	94	96	90	84	92	93	91.5	24.6
4	58.83	59.03	59.74	57.75	58.91	59.51	58.96	24.2	24	29	29	27	25.9	26.5	29.7	22.8	94	96	85	81	92	94	90.3	----
5	58.52	58.92	59.90	57.78	58.96	59.29	58.90	24.5	25	26.5	27.9	26.6	25.6	26	29	23.8	95	96	91	89	89	91	91.8	37.4
6	58.92	59.84	59.76	58.06	59.14	59.73	59.25	25.4	25	27.9	28	25.3	24.9	26.1	29	23.9	93	96	85	85	94	96	91.5	14.5
7	59.23	59.28	60.05	57.71	58.99	59.70	59.16	24.9	24.5	28.5	29.5	27	24.5	26.5	29.9	23.7	97	98	83	75	83	90	87.7	56.4
8	58.92	59.03	59.55	57.31	58.17	59.06	58.67	24.2	24	26.1	30	25.5	25.1	25.8	31	23.3	95	98	91	74	88	91	89.5	12
9	58.54	58.92	59.46	57.76	58.48	59.46	58.77	24.4	24.3	29	25.9	26.6	26.2	26.1	29.2	22.7	94	97	81	93	83	91	89.8	36.1
10	58.65	58.93	59.54	57.96	58.53	59.04	58.78	24	24	25.5	24.5	25.4	24.7	24.7	27.3	22.7	96	97	96	96	88	91	94	61
11	57.84	58.95	59.46	57.48	58.11	59.11	58.49	23.9	23.5	25.5	28	26.1	25.4	25.4	29.2	22.5	92	96	96	85	90	93	92	16.9
12	58.02	58.92	59.72	57.68	58.76	59.91	58.84	25.3	24.9	25.5	24.5	25.8	24.7	25.1	27.3	22.6	94	97	92	96	94	92	94.2	30
13	59.11	59.60	60.74	58.43	59.36	60.20	59.57	25.3	25.5	28.5	29.5	27.4	26.9	27.2	30.3	22.4	90	88	73	70	78	77	79.3	----
14	59.32	59.55	61.06	58.84	59.69	60.70	59.86	26.7	27	28	29	27.1	26.4	27.4	29.5	24.4?	77	77	72	71	80	79	76	----
15	59.79	59.79	60.59	58.99	59.64	61.11	59.98	25.7	25.8	28.7	30	27.1	23.1	26.7	31.2	22	80	80	66	59	72	78	72.5	----
16	60.21	61.02	62.16	60.77	60.97	61.85	61.16	22.2	22.5	28.9	25.5	25.5	24.6	24.9	29.6	20.9	87	96	75	94	92	93	89.5	2.8
17	60.69	61.32	62.37	60.45	60.80	61.47	61.18	24.9	23.1	27.5	29.5	27.4	26.4	26.5	29.8	22.3	96	97	77	78	76	82	84.3	----
18	60.29	61.01	62.12	59.55	60.25	60.96	60.70	26.3	23.4	26.5	28.5	26.5	23.9	25.8	29.3	22.5	89	95	82	81	86	85	86.3	----
19	59.33	59.81	60.81	59.40	59.85	60.47	59.94	24.2	26	28	27.9	25.8	25.7?	26.3	28.9	23	84	84	77	81	92	92	85	----
20	59.09	59.52	60.32	58.28	59.46	59.88	59.42	25.9	26	26.5	27.9	26.4	25.1	26.3	28.6	23.7	92	92	92	85	93	94	91.3	----
21	59	59.72	60.21	57.66	59.20	60.20	59.33	24.2	23.7	29.8	30	27.7	26.4	27	30.8	23.1	96	97	73	73	83	87	84.8	.5
22	59.55	59.80	60.21	58.44	59.31	60.04	59.56	23.7	22.8	29.5	29	26.4	24.6	26	30.8	22.1	91	97	74	78	85	87	85.3	----
23	59.42	60.10	61.11	59.55	60.24	61.47	60.32	24	24.5	29.5	28	26	24.8	26.1	30.7	23.2	90	92	70	82	88	91	85.5	3
24	60.36	60.65	61.70	59.61	60.76	61.72	60.80	23.8	23.5	27	29	26.3	26.1	26	29.6	22.8	94	97	88	74	86	85	87.3	8.6
25	60.97	61.84	62.30	60.39	61.02	62.26	61.46	26.1	25	28.5	29	27	24.2	26.6	29.5	21.8	85	83	68	68	76	82	77	----
26	60.88	61.56	62.54	60.62	60.99	61.30	61.32	22.5	23	27.5	24.5	25.8	26.4	25	28.9	21.3	88	96	82	92	89	88	89.2	23.2
27	60.71	61.72	62.70	60.58	60.79	61.37	61.31	25.2	26	27.5	29	27	27.2	27	29	23.9	85	84	76	74	80	84	80.5	8.9
28	60.36	60.85	61.82	59.69	60.20	61.24	60.69	24.9	24.4	28	28.5	27	23	26	28.8	21.3	88	92	76	74	81	90	83.5	.8
29	60.27	60.51	61.36	58.49	58.89	59.34	59.81	21.7	22	25.1	26.5	25.9	26	24.5	27.9	20.7	93	96	88	88	88	91	90.7	49.1
30	58.98	59.53	60.58	58.52	59.72	60.55	59.65	23.7	23.4	25.8	28	25	24.3	25	28.3	22.6	94	97	88	96	92	93	93.3	17.3
31	59.93	60.82	61.50	59.58	60.35	60.67	60.48	23.3	23.5	27	28.9	27	26.4	26	28.9	22.3	94	96	88	65	74	81	83	6.6
Mean	59.49	59.99	60.78	58.78	59.60	60.41	59.84	24.5	24.3	27.6	28	26.3	25.3	26	29.4	22.7	90.9	93.1	81.7	80.9	86.1	88.6	86.9	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	449.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	EbyN	2	E	2	EbyS	1	Calm	----	SE	1	8	----	S.-Cu. E	9	Ci.-S.	N. ENE
2	Calm	----	Calm	----	N	2	EbyN	2	EbyN	2	E	2	5	A.-Cu.	S.-Cu. ENE	8	Ci.	N. E
3	Calm	----	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	10	----	S.-Cu. E	9	----	S.-Cu. NE
4	Calm	----	Calm	----	Calm	----	NNW	2	Calm	----	Calm	----	6	Ci.	S.-Cu. E	4	A.-Cu. E	Cu.
5	Calm	----	Calm	----	Calm	----	E	1	ENE	1	Calm	----	6	----	S.-Cu. NE	10	Ci.	S.-Cu. ENE
6	Calm	----	Calm	----	E	2	SE	2	Calm	----	Calm	----	10	A.-Cu.	N. E	8	Ci.	S.-Cu. NE
7	E	1	Calm	----	Calm	----	EbyN	2	EbyN	2	Calm	----	8	A.-Cu.	Cu.-N. ENE	2	Ci.-S.	Cu.
8	Calm	----	E	4	E	1	E	1	Calm	----	E	1	10	----	N. ENE	5	Ci.-S.	Cu. NE
9	Calm	----	SE	1	E	2	E	1	ENE	3	E	1	10	----	N. ENE	10	----	N. NE
10	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	A.-Cu.	S.-Cu.	10	----	N. ENE
11	Calm	----	Calm	----	Calm	----	E	1	ENE	3	Calm	----	10	----	Cu.-N. E	10	----	S.-Cu. E
12	Calm	----	Calm	----	E	2	SE	1	Calm	----	Calm	----	10	----	S.-Cu. E	10	----	S.-Cu. E
13	SE	1	EbyS	1	EbyS	2	E	2	ENE	3	ENE	3	10	----	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
14	NE	1	NE	3	E	3	ENE	2	E	3	Calm	----	8	----	S.-Cu. E	3	Ci.-S.	Cu. ENE
15	Calm	----	E	2	E	2	E	1	E	1	Calm	----	4	----	Cu. E	3	Ci.-S.	Cu. E
16	Calm	----	SSW	1	Calm	----	E	1	ESE	3	Calm	----	9	----	S.-Cu. E	10	----	N. ENE
17	SW	2	Calm	----	NEbyE	1	E	1	NEbyE	1	ENE	1	8	----	S.-Cu. NE	6	A.-Cu.	Cu. ENE
18	NE	1	Calm	----	Calm	----	NbyW	2	Calm	----	Calm	----	10	----	S.-Cu. NE	4	----	Cu.
19	Calm	----	NNW	3	NNW	1	NNW	2	Calm	----	Calm	----	10	----	S.-Cu. N	10	----	S.-Cu. NNW
20	NW	2	Calm	----	NW	2	NW	1	Calm	----	Calm	----	10	----	N. NbyE	10	----	S.-Cu. NW
21	Calm	----	Calm	----	E	2	E	2	E	2	Calm	----	7	A.-Cu. E	S.-Cu.	3	Ci.	Cu.
22	Calm	----	Calm	----	E	1	N	1	NE	1	Calm	----	6	Ci.-S.	S.-Cu. EbyS	4	----	Cu. E
23	Calm	----	SSW	1	Calm	----	EbyS	1	Calm	----	Calm	----	9	----	S.-Cu. E	8	A.-Cu.	Cu. NNE
24	Calm	----	Calm	----	EbyN	1	E	3	E	2	SE	1	10	----	S.-Cu. NE	6	----	Cu. E
25	ESE	2	EbyS	1	E	4	E	2	EbyN	2	Calm	----	4	Ci.-S.	Cu. E	4	----	Cu. ESE
26	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	ENE	3	9	----	S.-Cu. NE	10	----	N. NNE
27	Calm	----	EbyN	2	EbyN	2	ENE	3	ENE	2	ENE	2	4	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
28	Calm	----	E	3	E	3	EbyN	3	ENE	2	Calm	----	7	Ci.-S.	S.-Cu. ENE	6	Ci.-S. SE	Cu.
29	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	----	S.-Cu. NE	10	----	S.-Cu. NE
30	Calm	----	Calm	----	Calm	----	EbyN	3	SE	1	S	1	10	----	N. ENE	9	----	S.-Cu. E
31	SE	1	Calm	----	E	1	ENE	2	NE	1	Calm	----	10	----	N. NE	4	A.-Cu. ESE	Cu. ENE
Mean	----	0.4	----	0.8	----	1.2	----	1.5	----	1.2	----	0.5	8.3	----	----	6.9	----	----

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*
1	62.39	63.20	63.17	60.71	61.72	62.57	62.29
2	61.49	62.30	63.28	61.13	62.08	63.13	62.24
3	62.61	63	63.86	61.63	62.64	63.49	62.87
4	61.96	62.71	63.45	61.62	62.94	63.94	62.77
5	63.10	63.61	64.37	62.14	62.60	63.69	63.25
6	62.78	63.45	64.45	61.97	63.18	63.85	63.28
7	62.68	63.51	64.40	62.29	63.03	63.82	63.29
8	63.53	63.91	65.11	62.96	64.13	65.06	64.12
9	64.17	64.78	65.88	93.65	64.78	65.49	64.79
10	64.68	65.04	65.85	63.53	63.98	64.72	64.63
11	63.96	63.51	63.91	61.95	62.12	62.62	63.01
12	61.61	61.70	62.79	60.70	60.95	61.60	61.56
13	60.76	61.59	62.39	60.27	60.73	61.43	61.20
14	60.85	61.58	62.27	60.46	61.40	61.93	61.42
15	61.18	62.23	62.38	60.11	61.58	62.49	61.66
16	61.56	62.50	62.74	60.98	61.82	62.49	62.02
17	61.94	62.91	63.23	61.47	62.08	63.06	62.45
18	61.54	62.46	63.19	61.42	61.42	62.36	62.06
19	61.39	61.65	61.49	59.02	60.49	61.48	60.92
20	60.16	60.80	61.43	58.79	60.19	61.43	60.47
21	59.96	60.19	61.27	59.32	59.82	60.77	60.22
22	60.19	60.69	61.57	59.86	60.44	61.79	60.76
23	60.81	60.89	61.49	60.14	60.77	61.83	60.99
24	60.85	60.96	61.68	59.76	60.17	61.45	60.81
25	60.61	61.04	61.52	59.92	59.93	60.94	60.66
26	60.15	60.29	61.19	60.08	61.03	61.97	60.78
27	61.04	61.71	61.95	59.93	60.87	61.80	61.22
28	61.19	61.51	61.74	59.58	59.94	60.84	60.80
29	60.68	61.21	61.64	59.48	59.94	61.06	60.67
30	60.69	60.31	61.09	59.69	60.37	61.41	60.59
31	60.68	61.35	61.73	59.92	60.44	61.43	60.92
Mean	61.65	62.15	62.79	60.79	61.53	62.45	61.89
Total	-----	-----	-----	-----	-----	-----	-----

Day.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.
	°C.	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*
1	24.4	24.5	29	29.5	27.5	25.4	26.7	30.1	23.5
2	25.6	24.8	27.1	28.2	27.3	25.6	26.4	28.4	23.8
3	24.9	24.8	27	29	26.6	25.5	26.3	29.5	24
4	24.6	23.5	27.5	28	24	23.5	25.2	28.6	23
5	24.4	24.3	27.4	29.4	27.5	25	26.3	29.6	23.3
6	24.2	24	26.4	28.9	27	25.8	26	29.5	23
7	24.2	23.6	28	29	27.2	25.7	26.3	29.5	22
8	23.6	23.2	27.5	28.5	26.3	25.2	25.7	29.1	22.6
9	24.5	24.5	27.5	27.9	24	24.1	25.4	28.6	22
10	23.5	23	26.5	27.3	25.5	23.4	24.9	28	22.5
11	22.6	22	27.2	27	26	25.6	25.1	28	21.4
12	25.3	24.9	24.3	25.7	26.2	25	25.2	26.9	21.5
13	24.8	25	26	28.5	27.5	25.8	26.3	29	24
14	24.1	23.8	28.3	29.5	27.4	24.6	26.3	30	23
15	23.5	23.6	28.1	28.7	27.5	25.2	26.1	29.8	22.9
16	23.8	24.6	27.5	28.8	28.3	26.8	26.6	29.6	23.3
17	24.7	24.2	27.2	27.5	26.8	24.4	25.8	28.5	22.8
18	24	23.9	24.5	25.5	25	23.2	24.4	25.7	22.5
19	24.5	24.4	28	27.6	27	24.2	26	29.5	23.3
20	24.6	23.8	28.5	29.5	26.5	25.5	26.4	30	23.5
21	25.4	25.5	26	28	27.8	26.3	26.5	29	23.5
22	25.6	24.8	27.5	29.3	27.6	25.6	26.7	29.5	24.1
23	24.8	25	26.4	25.8	24.9	24.5	25.2	28.4	23.4
24	24	23.8	27.8	29.5	27.5	25	26.3	29.9	23.1
25	23.8	22.9	27	28.5	27.9	25.7	26	29.5	22
26	25.1	24.8	27	27.5	27	25.4	26.1	28.2	24.1
27	24.5	24	26.3	28.5	25.6	24.5	25.6	29.5	23.7
28	23.6	23	27.5	29	27	24.6	25.8	29.5	22.4
29	24.1	23	26.8	28	27	24.3	25.5	29.5	22.7
30	23.6	23.8	27.8	24.5	25.5	24.4	24.9	28	22.4
31	25.3	24.4	27.7	28.5	26	24.7	26.1	29	23.9
Mean	24.4	24	27.1	28.1	26.6	25	25.9	29	23
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	P. ct.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	82	78	55	53	77	83	71.3	3.3
2	84	85	76	69	71	79	77.3	2
3	83	80	70	68	75	80	76	.5
4	79	80	73	65	91	89	79.5	11.2
5	82	81	65	54	63	77	70.8	------
6	79	79	77	58	68	72	72.2	------
7	80	81	59	64	68	73	70.8	------
8	84	79	57	54	74	74	70.3	.3
9	76	75	60	57	79	76	70.5	3
10	77	71	57	54	69	75	67.2	------
11	75	77	57	63	67	67	67.7	------
12	72	75	91	84	82	83	81.2	12.7
13	85	84	84	70	71	76	78.3	------
14	84	81	65	61	70	78	73.2	------
15	81	75	61	59	70	78	70.7	------
16	81	76	69	59	63	69	69.5	2
17	87	85	68	68	75	88	78.5	1
18	86	87	85	84	86	90	86.3	2.8
19	79	80	60	66	70	83	73	------
20	82	85	67	68	76	81	76.5	------
21	82	81	84	70	70	80	77.8	4.8
22	79	78	66	62	73	79	72.8	------
23	81	80	77	81	88	87	82.3	5.1
24	87	85	60	58	66	79	72.5	2.3
25	75	77	63	57	57	71	66.7	------
26	75	77	70	72	72	80	74.3	.5
27	86	88	82	70	83	82	81.8	------
28	78	80	60	54	64	75	68.5	------
29	78	79	67	60	66	74	70.7	------
30	78	77	68	92	84	90	81.5	7.6
31	81	83	68	62	76	81	75.2	------
Mean	80.6	80	68.4	65	73	79	74.3	------
Total	-----	-----	-----	-----	-----	-----	-----	59.1

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Mid-night.	Total movement in 24 hours.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*
1	N	N	NNE	NE	N	Calm	66.7	98.9	126.7	34.6	326.9
2	N	NE	NE	NE	N	N	73	140.9	129.5	81.3	424.7
3	N	N	NE	NE	N	N	75.6	115.1	173.1	71.6	435.4
4	N	NNE	NE	NE	NE	N	82.3	126.7	137.9	75.6	422.5
5	N	N	NE	NE	NE	N	72.1	120	141	76.9	410
6	NW	N	NE	NE	N	Calm	76	88.5	105.2	47	316.7
7	N	N	NE	NE	N	N	64.3	118.3	107.3	72.5	362.4
8	N	N	NE	NE	NNE	N	91.2	143.7	156.4	68.6	459.9
9	N	N	NE	NE	N	N	81.7	166	165	143.2	555.9
10	NNE	N	NE	NE	N	N	39.9	154.5	165.9	80.5	540.8
11	N	N	NE	NE	N	Calm	113.5	139.2	180.8	73.5	507
12	NNE	NE	NE	NE	NE	NE	78.1	87.7	73	101.4	340.2
13	N	N	N	NE	NE	N	72.5	111.8	108.7	68.6	361.6
14	NW	NW	NE	NE	NE	N	65.7	82.6	103.5	62.7	314.5
15	N	N	N	NE	NE	N	67.3	127.3	174.9	64.8	434.3
16	N	N	NE	NE	NE	NE	74	142.8	150.5	107.8	475.1
17	N	N	NNE	NE	NE	N	79.7	138.8	152.1	88.1	458.7
18	NE	NE	NE	E	SW	N	73.7	98.6	49.9	49.9	272.1
19	N	N	NE	NE	NE	N	67.8	86.6	158.4	55.2	368
20	N	N	NE	NE	N	N	34.1	104.6	152.9	49.1	340.7
21	N	N	N	NE	NE	NE	64.8	105.1	116.7	65	351.6
22	N	N	NE	NE	NE	N	58.4	116.7	123.9	83.4	382.4
23	N	NE	NE	N	NE	N	57.5	130.4	105.1	80.9	373.9
24	NE	N	NE	NE	NE	N	59.5	127.1	147.3	92.9	426.8
25	N	N	NE	NE	NE	N	73.2	116.3	136.4	98	423.9
26	N	N	NE	N	NE	N	83.3	139.5	150	83.9	456.7
27	N	N	NE	NE	NE	N	72.5	113.6	162.2	73	421.3
28	N	N	NE	NE	NE	N	86.3	117.9	155.3	49.9	409.4
29	N	N	NE	NE	NE	N	62	92	138.1	55.7	347.8
30	N	N	NE	NE	NE	NE	47	134.7	105.7	69.3	356.7
31	NE	N	NE	NE	NE	N	84.9	119.1	134.4	91.8	430.2
Mean	-----	-----	-----	-----	-----	-----	74.1	119.5	135.1	74.7	403.5
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12,508.1

Day.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
	0–10			*0–10*		
1	2	Ci.	Cu.	3	Ci.	Cu. ENE
2	3	-----	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
3	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
4	3	Ci.	S.-Cu. ENE	4	-----	S.-Cu. ENE
5	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
8	2	Ci.	Cu.	3	Ci.	Cu. ENE
9	4	-----	Cu.-N. ENE	7	-----	Cu.-N. ENE
10	3	Ci.	S.-Cu.	3	Ci.	Cu. ENE
11	2	Ci.	Cu.	3	-----	Cu. ENE
12	8	-----	S.-Cu. ENE	7	-----	Cu.-N. ENE
13	6	-----	Cu.-N. ENE	3	Ci.	Cu. ENE
14	2	Ci.	Cu.	3	Ci.	Cu. ENE
15	4	Ci.-S.	Cu.	3	Ci.	Cu. ENE
16	5	-----	S.-Cu. ENE	3	Ci.	Cu. ENE
17	7	-----	Cu.-N. ENE	7	-----	S.-Cu. ENE
18	8	-----	N. ENE	9	-----	Cu.-N. ENE
19	6	-----	S.-Cu. NE	3	Ci.	Cu. ENE
20	3	Ci.	Cu.	3	Ci.	Cu. ENE
21	7	-----	Cu.-N. ENE	6	Ci.	Cu.-N. ENE
22	3	Ci.	S.-Cu.	3	Ci.	Cu. ENE
23	6	-----	Cu.-N. ENE	8	-----	Cu.-N. ENE
24	6	-----	S.-Cu. ENE	3	Ci.	Cu. ENE
25	2	Ci.	Cu.	2	Ci.	Cu. ENE
26	7	-----	S.-Cu. ENE	7	Ci.-S.	Cn. ENE
27	7	-----	Cu.-N. ENE	8	-----	Cu.-N. ENE
28	2	Ci.	Cu.	3	Ci.	Cu. ENE
29	2	Ci.	Cu.	3	Ci.	Cu. ENE
30	4	Ci.-S.	S.-Cu. ENE	9	-----	N. ENE
31	4	Ci.-S.	Cu. ENE	5	-----	Cu. ENE
Mean	4.1	-----	-----	4.4	-----	-----
Total	-----	-----	-----	-----	-----	-----

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.21	60.41	61.15	59.43	60.08	60.95	60.37	24.6	23.6	27.3	28.3	27.5	24.9	26	29.3	23	80	78	64	58	60	73	68.8	-----
2	60.21	60.39	60.93	59.16	59.22	60.22	60.02	23.8	23.6	27.5	29	28.5	26.2	26.4	29.6	22.6	81	82	60	53	60	66	67	-----
3	59.65	60.91	61.16	59.08	59.82	61.29	60.32	24.3	23.7	28.5	29.5	27.9	25.8	26.6	30	22.8	79	77	54	55	60	72	66.2	-----
4	60.09	60.59	61.28	59.28	59.92	61.02	60.36	24.8	24.5	27.9	28.8	27.3	26.4	26.6	29.4	23.9	77	76	64	62	71	75	70.8	1
5	60.59	61.09	62.04	60.18	60.30	61.60	60.97	23.4	24.2	26.5	27.9	26.5	25	25.6	28.1	23.1	89	82	66	60	66	74	72.8	-----
6	60.95	61.11	62.19	60.06	60.63	61.95	61.15	23.8	23.4	27.5	29.4	27.2	25.6	26.2	30	22.9	81	84	62	52	61	70	68.3	-----
7	60.76	60.97	61.72	59.55	59.97	61.04	60.67	23.8	23.2	26.8	28.8	26.5	25.8	25.8	29	22.5	79	81	58	56	62	64	66.7	-----
8	60.51	61.34	62.39	60.38	60.74	62.13	61.25	23.7	23.3	27	28	27	24.4	25.6	29.1	22.6	75	74	59	56	63	74	66.8	-----
9	61.17	61.31	62.33	60.61	61.18	61.99	61.43	22.8	23.2	27.4	28.5	27.5	25.4	25.8	29.5	22.3	82	81	62	60	70	74	71.5	-----
10	61.18	61.79	62.49	60.14	60.34	61.58	61.25	24.8	25	27	28.5	27	26.2	26.4	29	23.7	81	76	70	64	68	69	71.3	-----
11	60.94	61.90	62.55	60.88	60.93	62.51	61.62	23.8	23.2	27.8	28	27	24.4	25.7	29.5	22.5	77	76	58	57	59	75	67	-----
12	61.74	62.06	63.17	61.62	61.98	63.58	62.36	23.9	23.8	27.5	28.5	26.1	25.5	25.9	29.5	23	78	79	63	56	68	71	69.2	-----
13	62.69	62.85	64.12	61.93	62.40	63.23	62.87	24.8	24.3	27	27.5	26.5	25.8	26	28.8	23.5	74	74	61	63	64	68	67.3	-----
14	62.42	63.04	63.70	61.69	62.42	63.94	62.87	23.2	22.4	26	27	26	23.2	24.6	28.4	21.7	80	79	69	66	65	86	74.2	3
15	62.56	62.89	63.25	61.54	62.10	62.70	62.51	22.9	23.4	26.4	28	26.6	25.2	25.4	29	21.9	83	83	68	57	64	68	70.5	-----
16	62.21	62.91	63.61	61.29	62.04	63	62.51	23.4	22.8	27.5	27.5	26.6	24.4	25.4	28.5	22.4	72	74	55	60	64	68	65.5	-----
17	62.39	62.94	63.78	61.19	61.38	62.72	62.40	23.6	23	27	28.4	27.5	25.4	25.8	29	22	72	71	63	55	64	72	66.2	-----
18	61.81	62.18	63.52	61.27	61.58	63.01	62.23	23.6	23.4	26.5	27.8	27.7	24.8	25.6	29	22.8	82	82	69	65	62	72	72	-----
19	62.35	62.72	63.24	60.88	61.19	62.90	62.21	23.4	23	29	27.5	28	24.3	25.9	29.4	22.3	76	83	55	56	51	68	64.8	-----
20	62.11	62.63	63.40	61.18	61.08	61.80	62.03	24.2	23.6	27	27.5	27	25.6	25.8	29.5	23	78	82	60	56	60	66	67	-----
21	61.15	61.54	62.65	60.04	60.70	61.59	61.28	24.3	23.6	27.1	29.4	27	26.6	26.3	30.7	22.4	79	81	61	51	63	69	67.3	-----
22	60.68	60.90	61.85	59.66	60.04	61.27	60.73	24.9	24	28.5	28.5	27.8	25.5	26.5	30	23.5	79	83	58	54	58	66	66.3	-----
23	60.96	61.64	62.98	60.91	60.32	61.44	61.38	24.2	23.6	27	28.7	28	24.9	26.1	30.9	22.5	75	80	72	60	60	73	70	-----
24	60.95	61.84	62.78	60.19	60.11	61.64	61.25	23.5	22.4	27.2	29	28.5	24.8	25.9	30	21.5	76	84	71	56	57	72	69.3	-----
25	60.92	61.41	62.63	60.36	60.08	61.57	61.16	23.2	23.8	27.9	29	28	25.5	26.2	30	23	77	81	64	48	54	64	64.7	-----
26	61.04	61.96	63.28	61.12	61.17	62.90	61.91	24	23.5	27.9	28	27	25.7	26	29	22.9	74	79	60	57	57	69	66	-----
27	62.24	63.01	63.66	61.72	61.43	62.92	62.50	24	23.5	28.5	28	27.5	26.4	26.3	29	23	78	79	62	61	59	73	68.7	-----
28	62.28	62.39	63.47	61.58	61.48	63.02	62.37	25.2	25	28.2	28.5	27.5	25.3	26.6	30	24	76	76	62	67	70	81	72	1
Mean	61.31	61.81	62.69	60.60	60.88	62.13	61.57	23.9	23.6	27.4	28.3	27.3	25.3	26	29.4	22.8	78.2	79.2	62.5	57.9	62.1	71.1	68.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			6 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	72.7	135.5	115.3	58.6	382.1	2	Ci.	Cu.	3	Ci.	Cu. ENE
2	N	N	NE	NE	NE	N	69.2	129.2	129.9	84.5	412.8	2	Ci.	Cu.	6	Ci.	Cu. ENE
3	N	N	NE	NE	N	N	88.1	150	173.4	79.1	490.6	4	-----	S.-Cu.ENE	5	-----	S.-Cu.ENE
4	N	N	NE	NE	NE	NE	91.8	157.5	157.2	173.9	580.4	3	Ci.	S.-Cu.	3	Ci.	Cu. ENE
5	N	N	NE	NE	N	N	95.8	144	163.2	92.7	495.7	5	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
6	N	NW	NE	NE	N	N	84.7	118.6	120.2	79.6	403.1	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	N	N	NE	NE	N	NE	90.1	131.1	108.1	70.5	399.8	3	Ci.	Cu. ENE	4	Ci.-S.	Cu. ENE
8	NW	NW	NE	NE	NE	N	73.3	74.5	111.2	42.8	301.8	5	Ci.-S.	Cu. ENE	3	Ci.-S.	Cu. ENE
9	Calm	N	NE	NE	NE	NE	41.5	111.9	131.6	64.4	349.4	3	Ci.	Cu. ENE	4	Ci.-S.	Cu. NE
10	N	NE	NE	NE	N	NE	69.2	136.8	128.1	86.5	420.6	7	-----	Cu.-N. ENE	3	Ci.	Cu. ENE
11	N	N	ENE	NE	NE	NE	74.8	92.2	127	69.9	363.9	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
12	N	N	NE	NE	NE	NE	69.3	110.8	150	115.1	445.2	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
13	NE	N	NE	NE	NE	NE	62.8	119.9	154	98.6	435.3	7	-----	S.-Cu.ENE	3	Ci.	Cu. NE
14	N	NW	NE	NE	NE	N	57.5	126.1	137.6	109.1	430.3	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
15	NNW	NE	NE	NE	NNE	N	75.9	83.7	158.5	132.3	450.4	7	-----	Cu.-N. ENE	3	Ci.	Cu. ENE
16	NW	NW	NE	NE	NNE	N	78.6	103.3	144.5	98.6	425	2	-----	Cu. ENE	3	-----	Cu. ENE
17	NW	NW	NE	NE	NE	N	79.5	92.5	131.1	79.6	382.7	2	Ci.	Cu. ENE	2	-----	Cu. ENE
18	N	NW	NE	NE	NE	NE	68.6	97.6	136.4	78.6	381.2	2	-----	Cu. ENE	2	Ci.	Cu. ENE
19	N	NW	NE	NE	NE	N	85.5	80	144.3	81.3	391.1	2	-----	Cu. ENE	2	-----	Cu. ENE
20	N	N	NE	NE	NE	N	57.9	98.7	138.8	81.2	376.6	2	-----	Cu. ENE	2	-----	Cu. ENE
21	N	N	NE	NE	NE	NE	63.8	98.2	107.8	87.7	357.5	2	-----	Cu. ENE	3	-----	S.-Cu.ENE
22	Calm	N	SE	NE	NE	N	40.2	84.9	115.3	55.9	296.3	3	-----	Cu. ENE	3	-----	Cu. ENE
23	Calm	N	SE	NE	NE	N	36.2	41.8	113	46.4	237.4	2	-----	Cu.	2	-----	Cu. NE
24	N	Calm	S	NE	E	N	37.1	38.8	102.7	49	227.6	2	-----	Cu. ENE	2	-----	Cu. NE
25	N	Calm	NE	NE	N	NE	59.5	80.3	133.9	71	344.7	2	-----	Cu. ENE	3	Ci.	Cu. ENE
26	N	N	NE	NE	NE	N	67.4	87.9	134.9	107.2	397.4	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
27	N	NW	NE	NE	N	NE	66.1	102.2	146.4	91.7	406.4	2	-----	Cu. ENE	2	Ci.	Cu. ENE
28	N	N	N	NE	NE	N	54.1	103.7	131.7	80.1	369.6	7	-----	S.-Cu.ENE	7	-----	Cu.-N.ENE
Mean	-----	-----	-----	-----	-----	-----	68.3	104.7	133.8	84.5	391.2	3.2	-----	-----	3.2	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,954.9	-----	-----	-----	-----	-----	-----

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.34	62.44	63.56	61.62	62.03	63.67	62.61	24.2	24.5	27.5	29	27.5	25.5	26.4	29.5	23.8	88	82	72	59	66	78	74.2	------
2	62.34	62.86	63.70	61.46	61.62	63.14	62.52	24.3	23.9	28.5	28.5	28.4	25.6	26.5	29.8	23.4	81	78	57	58	58	71	67.2	------
3	61.98	62.29	62.89	60.12	60.07	61.02	61.40	24.3	25.5	28.7	30.4	27.5	26	27.1	31.2	23.6	79	71	64	60	70	79	70.5	------
4	59.37	59.67	60.79	58.37	58.72	60.20	59.52	25.8	26.2	29.7	30	28.5	26.4	27.8	31	25	79	78	67	65	70	81	73.3	------
5	58.30	58.94	59.81	56.99	58.13	59.53	58.62	25.4	25.2	28.1	30	28	26.9	27.3	30.5	24.4	87	86	73	63	74	80	77.2	------
6	59.09	59.47	60.36	57.59	58.08	59.27	58.98	26.7	26	28.4	30	29	26.4	27.8	31	24.9	83	87	75	62	68	81	76	------
7	58.72	59.04	59.97	57.54	58.39	59.82	58.91	25.4	25.2	28.3	30	28.5	26.3	27.3	31.5	24.5	77	76	65	59	70	81	71.3	1.3
8	59.10	59.23	60.21	58.04	58.59	60.09	59.21	24.5	25	28.5	29.5	29	27.5	27.3	31.2	23.5	89	85	67	64	64	70	73.2	------
9	59.04	59.37	60.48	58.06	58.33	59.38	59.11	25.6	25.2	28	29.5	28.5	26.8	27.3	30.6	24.4	81	83	65	59	67	77	72	2
10	58.87	59.86	61.04	58.97	58.93	60.33	59.67	25.6	25	28	29	27.5	25.8	26.8	30	23.9	85	88	70	63	70	78	75.7	------
11	59.11	59.49	60.52	58.38	58.44	59.77	59.28	24.5	24.4	28.1	30.1	29	27.2	27.2	31	23.9	81	76	65	61	68	75	71	------
12	58.97	59.78	61.21	59.18	59.36	60.84	59.89	26.6	26.2	28.4	30	28.5	27.5	27.9	30.2	25.7	80	82	71	62	67	73	72.5	------
13	60.07	60.54	62.07	59.61	59.89	61.34	60.59	26.6	26	30.7	30.9	28.5	26.7	28.2	31.8	24.9	83	82	62	60	66	75	71.3	------
14	60.49	60.82	61.89	60.05	59.89	61.22	60.73	25.8	25.2	29	30	29	27.3	27.7	32	24.5	80	82	71	58	63	70	70.7	------
15	60.95	61.62	62.44	60.16	59.79	61.25	61.04	26.2	25	28.9	29	28.5	26.7	27.4	30	24.6	78	83	63	55	48	59	64.3	------
16	60.84	61.08	62.02	59.93	60.12	61.24	60.87	24.6	25	29	30	27.6	26.3	27.1	30.5	23	75	73	61	59	70	76	69	10.2
17	60.51	61.69	63.09	61.39	61.94	62.99	61.94	24	24.8	27	28.9	26.5	26.4	26.3	30.7	23	91	83	75	65	76	76	77.7	------
18	62.33	63.29	64.24	61.99	61.97	63.39	62.87	24.6	24.8	28.5	29	28.5	26.4	27	29.8	23.2	85	81	57	58	60	70	68.5	------
19	62.60	62.93	63.36	60.66	60.83	62.46	62.14	24.5	24	28.4	31.5	28.5	24	26.8	31.8	21.5	78	78	56	51	67	93	70.5	7.6
20	60.74	61.09	61.52	58.84	59.07	60.25	60.25	23.8	23.8	28.5	29.4	28	25.6	26.5	30.5	22.2	85	81	64	59	69	81	73.2	------
21	59.26	59.94	60.81	58.46	58.86	60.12	59.58	25.2	25	28.2	29.5	28.5	26.6	27.2	30.6	24.4	82	83	68	61	67	77	73	------
22	59.44	59.76	60.96	58.78	58.79	60.33	59.68	25.5	25.3	29.4	29.5	29	27.7	27.7	30.5	24.5	83	81	65	63	66	73	71.8	------
23	59.58	60	60.96	58.72	58.84	60.24	59.72	26.4	25.2	28.5	30	29	27.6	27.8	31.2	24.8	77	79	60	56	63	71	67.7	------
24	59.09	60.09	60.98	58.87	59.16	60.64	59.80	26.3	25.2	30	30	29	27.5	28	31.5	24.8	79	82	61	56	62	69	68.2	------
25	59.85	60.16	61.24	58.82	58.88	60.03	59.83	25.5	25	29.9	30.6	29.5	27.6	28	32.1	24.4	81	83	58	54	58	68	67	------
26	59.04	59.38	60.62	58.71	58.77	60.19	59.45	25.6	24.8	29.5	31	29.5	27.5	28	32.3	23.9	74	74	55	49	55	65	62	------
27	59.12	59.52	60.56	58.31	58.79	60.24	59.42	26.6	26.2	28.5	30.5	27	26.2	27.5	31.5	25.5	68	71	64	58	77	78	69.3	.5
28	59.64	59.87	61.02	59.41	60.04	60.97	60.16	25.8	25.6	28.5	28.3	27	26.4	26.9	30.1	24.6	79	82	66	63	73	76	73.2	------
29	60.48	60.55	61.76	59.12	59.39	60.73	60.34	25.9	24.9	28.5	31.2	28.8	26.7	27.7	32	24.1	78	80	64	55	65	79	70.2	.5
30	59.83	60.11	60.91	58.93	58.68	59.38	59.64	25.6	25.2	29.3	29.5	29	25.8	27.4	30.6	24.4	84	82	61	52	54	67	66.7	------
31	58.44	58.97	59.64	57.16	57.43	59.12	58.46	25.4	25.6	29.5	29.5	28.5	26.4	27.5	30.5	24.7	73	71	59	64	70	82	69.8	7.6
Mean	59.98	60.45	61.44	59.17	59.41	60.75	60.20	25.4	25.1	28.7	29.8	28.4	26.6	27.3	30.9	24.1	80.7	80.1	64.5	59.1	65.8	75.1	70.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	29.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NW	NE	NE	NE	N	72.4	113.5	117	79.4	382.3	7	------------	S.-Cu. ENE	7	------------	S.-Cu. ENE
2	N	N	NE	NE	NE	N	71.8	120.5	152.5	81	425.8	2	------------	Cu. ENE	3	Ci.	Cu. ENE
3	N	N	NE	NE	NE	N	77.2	145.6	177.9	86.7	487.4	7	------------	S.-Cu. ENE	3	------------	Cu. ENE
4	N	N	NE	NE	NNE	NE	64.6	99.9	143.2	93.3	401	7	------------	S.-Cu. ENE	3	------------	S.-Cu. ENE
5	N	Calm	NE	NE	NE	E	42.1	77.9	141.3	86.9	348.2	2	------------	Cu. ENE	3	------------	Cu. ENE
6	E	NE	NE	NE	NE	N	57.1	78.8	119	86.5	341.4	7	------------	S.-Cu. ENE	4	A.-Cu.	Cu. ENE
7	N	N	NE	NE	NE	N	81	90.9	135.9	89.7	397.5	2	------------	Cu.	3	------------	Cu. ENE
8	NE	N	NE	NE	NE	NE	98.2	122	165.1	135.2	520.5	2	------------	Cu. ENE	2	------------	Cu. ENE
9	N	N	NE	NE	NE	E	65.4	104	148	109.6	427	3	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
10	N	N	E	NE	NE	N	50.5	76	92.9	60.9	280.3	7	------------	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
11	NE	N	NE	NE	NE	N	52.6	64	122.8	74.5	313.9	2	------------	Cu.	3	------------	Cu. ENE
12	N	Calm	NE	NE	NE	N	28.2	91.6	156.6	84.9	361.3	5	------------	S.-Cu. ENE	3	------------	Cu. ENE
13	N	NW	Calm	NE	N	N	45.1	41.5	132	70.5	289.1	5	------------	S.-Cu. ENE	3	------------	Cu. ENE
14	N	Calm	Calm	NE	NE	NE	34.6	37.3	116.7	64.4	253	3	------------	Cu. ENE	4	Ci.	Cu. ENE
15	NE	N	NE	NE	N	N	75.3	130.4	212.8	99.8	518.3	3	------------	Cu. ENE	2	------------	Cu. ENE
16	N	N	NE	NE	NE	N	77.4	113.5	127.7	69.7	388.3	6	------------	S.-Cu. ENE	5	------------	S.-Cu. ENE
17	N	N	NE	NE	NE	NE	78.8	83.1	148.1	104.6	414.6	3	Ci.	Cu. ENE	5	------------	Cu. ENE
18	N	N	NE	NE	NE	NE	73.3	105.6	143.2	107.5	429.6	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
19	N	N	NE	NE	NE	NE	77.9	124.9	100.3	88	391.1	2	Ci.	Cu.	6	Ci.-S.	Cu. ENE
20	Calm	Calm	NE	NE	NE	N	34.1	77.2	119.6	55.5	286.4	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
21	Calm	N	NE	NE	NE	N	35.4	85.3	126.5	68.2	315.4	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
22	N	N	NE	NE	N	NE	61.2	88.5	122	79.6	351.3	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
23	NE	N	NE	NE	N	NE	78.3	123.5	124	120.2	446	2	------------	S.-Cu. ENE	2	Ci.	Cu. ENE
24	N	N	NE	NE	NE	N	74.6	120.2	143.4	84	422.2	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
25	N	N	E	NE	NE	NE	60.2	79.7	117.9	114.3	372.1	2	------------	Cu. ENE	2	------------	Cu. ENE
26	N	N	ENE	NE	N	N	66.3	104.6	137.6	98.7	407.2	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
27	NE	N	NE	NE	N	NE	131.4	160.3	172.6	88.9	553.2	7	------------	S.-Cu. ENE	6	------------	Cu. ENE
28	NNE	NE	NE	NE	NE	NE	83.3	146.5	156.3	91.8	477.9	7	------------	S.-Cu. ENE	5	Ci.	Cu. ENE
29	NE	N	NE	E	NE	NE	110.2	91.4	121.9	98.2	421.7	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
30	N	Calm	NE	NE	NE	N	79.6	117.2	142.7	89.6	429.1	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
31	Calm	Calm	NE	NE	NE	NE	25.9	102.6	196.4	103.2	428.1	8	------------	S.-Cu. ENE	6	------------	Cu. ENE
Mean	------	------	------	------	------	------	66.6	100.6	139.8	89.2	396.2	3.9	------------	------------	3.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	12,281.2	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.14	59.03	60.08	58.48	58.54	59.95	59.04	25.8	24.9	28.5	29.2	26.5	25.6	26.8	30	24.3	84	84	68	63	79	75	75.5	1.8
2	59.06	59.46	60.69	58.63	59.85	60.68	59.73	24.4	24.6	29.7	30.5	26	25.8	26.8	32	24.1	84	82	53	52	89	85	74.2	4.6
3	59.10	59.64	60.24	58.12	59.60	60.89	59.60	25.2	24.6	28.9	26	25.5	25.3	25.9	30	23	86	85	71	91	80	83	82.7	3
4	58.66	59.81	60.89	58.32	59.07	60.32	59.51	25.2	24.8	29	30.5	29.3	27.2	27.7	31.2	23.9	83	89	71	65	72	83	77.2	------
5	59.27	59.97	60.91	58.45	59.41	60.76	59.80	26.2	26.3	30.5	30.6	29.5	27.8	28.5	32.2	25.4	87	86	62	61	68	78	73.7	------
6	58.89	59.14	60.57	58.05	58.67	60.32	59.27	27	26.5	29.5	31	30	27.3	28.6	32.4	25.5	83	85	68	58	61	72	71.2	------
7	59.07	60.17	60.88	58.55	58.77	60.32	59.63	26.5	27	29.5	31.4	29.5	27.2	28.5	32.6	25.8	73	77	70	60	67	73	70	------
8	59.89	60.53	61.60	59.45	60	61.32	60.46	26.3	25.8	30.5	30.8	29.5	27.2	28.4	32	25	79	79	58	57	64	78	69.2	------
9	60.78	61.39	62.38	60.53	60.78	62.38	61.37	26.5	25.8	28.8	30	29.2	26.8	27.8	31.6	24.5	76	78	69	62	66	78	71.5	------
10	61.05	60.87	62.03	59.70	59.58	61.11	60.72	26.5	26.4	29.5	30.5	28.8	27.2	28.2	32.5	25.9	82	80	68	65	71	79	74.2	.5
11	60.10	60.24	60.58	58.25	58.71	60.04	59.65	26.6	25.6	29	31	28.5	27	28	31.3	24.5	81	79	71	59	73	80	73.8	19
12	59.22	59.72	60.41	58.11	58.63	60.24	59.39	25	24.5	28.8	29.5	29.5	28	27.6	30.8	22.6	92	89	70	68	68	81	78	------
13	59.69	59.59	60.66	58.91	59.56	60.38	59.80	26.4	26.4	30	29	28.5	26.4	27.8	32	25.5	77	82	68	67	73	81	74.7	------
14	59.60	60.57	61.43	59.23	59.53	60.83	60.20	25.2	25.6	29.3	30	29	27	27.7	32	24.7	83	83	66	66	71	79	74.7	------
15	60.18	61.25	62.23	60.32	60.38	61.67	61	26.1	26	29.5	30.7	29.5	27	28.1	32	25.2	76	81	68	55	64	75	69.8	------
16	60.95	61.37	61.72	59.07	59.21	60.33	60.44	26	26	30.5	29.5	29.1	27.2	28	31.6	25.4	79	80	64	61	64	71	69.8	------
17	59.28	60.19	60.74	58.35	58.42	59.89	59.48	26.1	26.2	28.5	30.7	29.8	26.8	28	32.1	25.3	79	80	72	62	63	69	70.8	------
18	59.29	59.92	60.40	58.25	58.77	60.26	59.48	26.4	25.8	29.5	31	29.5	27.9	28.4	32.5	25	76	81	64	55	64	69	68.2	------
19	59.38	59.94	60.73	58.67	59.27	60.64	59.77	27.3	26.8	29	30.5	30	28.4	28.7	31.2	26.4	78	78	67	59	65	71	69.7	------
20	60.28	60.84	62.33	60.30	60.70	62.08	61.09	28	27.2	29.5	30.5	29.5	28.5	28.9	31.5	26.5	74	76	61	59	61	68	66.5	------
21	61.28	61.94	61.76	60	61.02	62.07	61.34	26	26.4	31.5	31.5	28	27.8	28.5	32.5	25.3	84	80	54	60	74	67	69.8	------
22	58.85	60.14	60.96	58.66	59.60	61.12	59.89	27.5	27.8	30.1	30.2	29.4	26.5	28.6	31.9	26	75	70	64	66	70	85	71.7	.5
23	60.13	60.57	60.87	58.62	58.97	60.07	59.87	26.8	27.5	29.5	31.4	30.5	27.7	28.9	32.5	26.4	82	81	71	60	61	76	71.8	------
24	59.88	59.93	60.77	58.58	59.48	60.79	59.90	26.8	27.2	30.5	31	29.5	28.5	28.9	31.8	25.7	78	75	59	61	68	74	69.2	------
25	59.69	59.72	60.66	58.79	59.23	60.69	59.80	27.4	27.9	29.5	31	30	28.4	29	32.3	26.7	79	78	70	62	65	76	71.7	------
26	60.03	60.49	61.23	59.19	59.27	60.43	60.11	27.2	26.8	29.8	31.4	29.5	28.4	28.8	32.4	26	78	78	63	52	66	73	68.3	------
27	60.07	60.17	60.36	58.65	59.24	60.07	59.76	26.4	26.3	29.4	30.4	29	27.6	28.2	31.8	25.2	75	76	72	65	69	78	72.5	.5
28	59.12	59.90	60.19	58.37	58.69	59.50	59.30	26.4	26.7	29	30	28.5	26.6	27.9	31	24.3	86	79	69	56	71	76	72.8	2
29	58.21	59.01	59.44	57.43	58.23	59.77	58.68	25.4	24.2	29	30.5	29	27.7	27.6	31.5	23	75	78	64	62	64	73	69.3	------
30	58.67	59.87	60.66	57.97	58.57	60.02	59.29	25.7	25.8	29.5	31	29.5	28.3	28.3	31.4	25	83	81	58	48	61	68	66.5	.8
Mean	59.59	60.18	60.95	58.80	59.32	60.63	59.91	26.3	26.1	29.5	30.4	29	27.3	28.1	31.8	25.1	80.2	80.3	65.8	61.2	68.4	75.8	72	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	32.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	E	NW	N	80.4	104.6	113.5	71.6	370.1	7	------------	S.-Cu. ENE	8	------------	Cu. ENE
2	N	N	NE	NE	NE	Calm	83.7	123.9	145.1	44.3	397	2	Ci.	Cu.	6	------------	S.-Cu. ENE
3	Calm	N	NE	NE	Calm	NE	18.5	120.3	100.3	20.1	259.2	2	Ci.	Cu.	8	------------	Cu.-N.ENE
4	NW	N	NE	NE	NE	N	39	54.4	104.9	70.1	268.4	4	------------	Cu. ENE	3	Ci.	Cu.
5	Calm	N	NE	NE	NE	NE	34.1	67.9	134.5	98.9	335.4	3	------------	S.-Cu. ENE	3	Ci.	Cu.
6	NE	Calm	NE	NE	NE	N	52.3	60.1	121.3	55.7	289.4	2	Ci.	Cu.	3	Ci.	Cu.
7	Calm	E	NE	NE	NE	N	39	55.5	107.8	60.9	263.2	3	Ci.	Cu. ENE	3	Ci.	Cu.
8	N	Calm	E	NE	NE	N	53.5	50.7	133.3	67.4	304.9	3	Ci.	Cu. ENE	2	Ci.	Cu.
9	N	N	S	NE	NE	N	75	45.1	115.6	61	296.7	2	Ci.	Cu. ENE	4	Ci.-S.	Cu. ENE
10	NE	N	NE	NE	NE	N	54.4	82	151.9	93.9	382.2	4	------------	S.-Cu. ENE	3	Ci.	Cu. ENE
11	NNE	N	NE	NE	NE	NE	69.5	123.9	174.7	120.3	488.4	2	------------	Cu. ENE	4	------------	Cu. ENE
12	E	E	NE	NE	NE	Calm	58.1	89.9	117.9	27.9	293.8	6	------------	Cu. ENE	4	------------	Cu. ENE
13	Calm	Calm	Calm	NE	SW	NW	27.7	46.7	83.7	39	197.1	5	------------	Cu. ENE	5	Ci.	Cu.
14	Calm	NW	S	NE	NE	N	33.6	42.6	90.1	49.2	215.5	2	------------	Cu.	4	Ci.	Cu. ENE
15	N	Calm	SE	NE	NE	Calm	38.6	47.3	131.6	37.5	255	6	------------	Cu. ENE	3	Ci.	Cu. ENE
16	Calm	Calm	Calm	NE	NE	NE	23.3	52.1	122	67.2	264.6	4	------------	Cu. ENE	2	------------	Cu. ENE
17	Calm	Calm	SE	NE	NE	Calm	27.2	52.5	99.8	62	241.5	3	------------	Cu. ENE	3	Ci.	Cu. ENE
18	E	Calm	SE	NE	NE	N	52.3	50.1	132	86.1	320.5	2	------------	Cu. ENE	2	Ci.	Cu. ENE
19	N	NE	NE	NE	NE	N	80.3	119.3	131.2	99.8	430.6	2	------------	Cu. ENE	2	------------	Cu. ENE
20	NE	N	NE	NE	NE	NE	66.1	101.2	123.1	115.1	405.5	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
21	NE	N	E	NE	NE	NE	67.6	86.1	163.4	99	416.1	5	Ci.-S.	Cu. ENE	8	------------	Cu.-N.ENE
22	Calm	N	NE	NE	NE	NE	51	105.9	136.8	77.4	371.1	3	------------	Cu. ENE	6	Ci.-S.	Cu. ENE
23	N	Calm	NE	NE	NE	NE	39	69.2	122.5	53.9	284.6	3	Ci.	Cu. ENE	2	------------	Cu. ENE
24	N	NE	NE	NE	NE	N	30.8	91	166.6	114.8	403.2	2	Ci.	Cu. ENE	4	------------	Cu. ENE
25	N	NE	NE	NE	N	NE	73	98.4	127.9	129.5	428.8	2	------------	Cu. ENE	3	Ci.	Cu. ENE
26	NE	N	NE	NE	NE	N	69.9	103.9	138.4	136	448.2	2	------------	Cu. ENE	3	Ci.	Cu. ENE
27	N	N	NE	NE	NE	N	63.3	113.3	139.7	86.5	402.8	2	Ci.	Cu. ENE	5	------------	Cu. ENE
28	N	NE	NE	NE	NE	NE	57.5	81.5	120.7	52.1	311.8	7	------------	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
29	NW	NW	NE	NE	NNE	NE	47.2	69.5	152.6	93.1	362.4	4	------------	S.-Cu. ENE	3	Ci.	Cu. ENE
30	NE	N	NE	NE	NE	NE	57.9	88.7	129.3	141.6	417.5	2	Ci.	Cu. ENE	2	Ci.	Cu.
Mean	------	------	------	------	------	------	52.1	79.9	127.7	77.7	337.5	3.3	------------	------------	3.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,125.5	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.20	60.19	60.91	59.07	59.29	60.64	59.88	27.5	25.5	28.6	29.2	28.5	26.8	27.7	30.5	24	73	81	68	66	67	76	71.8	0.3
2	59.90	60.77	61.57	59.10	59.47	60.99	60.30	26.3	25.6	30.3	30.5	30	28.5	28.5	31.5	25	79	81	54	59	65	71	68.2	------
3	60.27	60.59	60.80	58.85	59.17	60.52	60.03	26.9	26.6	29	29.6	28.2	27.1	27.9	31.8	26	79	81	69	67	74	81	75.2	------
4	59.52	59.74	60.07	57.42	57.94	59.48	59.03	26.8	25.8	29.8	30	29.8	28.5	28.4	31.2	25.2	80	84	63	64	65	70	71	------
5	58.06	58.39	58.67	56.35	56.86	58.41	57.79	26.6	26.4	30	30.8	30	28.3	28.7	32.5	25.4	78	77	62	59	62	68	67.7	------
6	57.79	58.89	59.26	56.72	57.58	58.82	58.18	26.9	26.8	30.5	31.1	29.5	28.7	28.9	32.1	25.9	75	76	62	59	69	74	69.2	------
7	58.14	58.83	60.08	57.78	58.70	60.32	58.98	27.4	27	29.6	29.9	28.8	27.6	28.4	30.5	26.5	80	78	66	64	69	77	72.3	------
8	59.04	59.10	59.88	57.35	57.83	59.63	58.80	26.4	27	29.5	31.3	30	28.2	28.7	32.7	26	80	83	71	61	65	76	72.7	------
9	58.09	58.11	58.27	55.95	56.07	57.74	57.37	27.5	26.8	29.2	31.4	29.6	28.4	28.8	33	25.9	80	80	75	62	70	79	74.3	------
10	56.69	56.81	57.47	54.96	55.41	56.34	56.28	27.8	26.6	29.8	31	28.9	28.4	28.8	33.1	26.4	79	82	67	62	71	75	72.7	------
11	56.18	56.80	58.42	56.86	56.96	58.46	57.28	27.4	27	29.2	29.4	28.4	27.3	28.1	30.5	26.2	84	83	73	62	68	74	74	------
12	58.04	58.82	59.08	57.79	57.92	59.21	58.48	26.8	26.8	29.5	29	28.4	27.8	28	31.5	25.8	75	75	66	69	72	74	71.8	------
13	58.43	59.19	59.68	57.72	58.47	59.77	58.88	27.2	26.9	30	31.5	29.9	28.5	29	32.4	26	78	79	64	57	65	75	69.7	14.7
14	58.95	59.35	59.77	57.97	58.72	60.14	59.15	26	26.4	31	31.5	29.6	27.6	28.7	32.5	22.9	85	82	61	54	63	75	70	------
15	59.20	59.50	60.14	58.05	58.67	59.72	59.21	26.7	25.8	29	32	30	26.5	28.3	32.8	25	78	78	64	52	65	86	70.5	14.5
16	59.44	59.59	60.58	58.15	58.96	60.08	59.47	25.6	25.2	28.1	30.4	29.8	26.9	27.7	32.5	23.7	87	88	77	64	66	83	77.5	1.8
17	59.18	59.78	59.97	57.74	58.91	60.05	59.27	26.8	26.7	30.1	31.1	30.8	29.5	29.2	33	24.4	83	85	65	62	63	68	71	8.4
18	59.72	60.02	60.42	57.95	59.12	60.37	59.60	26.4	26.8	29.9	31.2	26.2	27.3	28	33.5	23.3	81	78	69	64	90	84	77.7	6.1
19	59.58	60.44	60.50	57.76	58.27	59.99	59.42	27.2	26.3	29	30.6	26.5	27.5	27.8	32	23.5	81	86	74	65	88	81	79.2	9.1
20	59.05	59.57	59.77	57.77	58.45	59.72	59.06	26.5	27	29.2	31	29.3	29	28.7	31.9	25	85	78	73	62	71	73	73.7	------
21	59.24	60.04	60.57	58.62	59.97	61.25	59.95	27.2	27.4	29.1	32.5	27.9	27	28.5	33.3	25.7	81	78	71	61	75	79	74.2	------
22	60.84	60.99	61.43	59.10	59.68	61.17	60.54	26.6	26.4	31.8	30.5	30.3	28.8	29.1	33	25.5	81	82	58	65	64	73	70.5	------
23	60.44	60.38	60.86	58.22	58.23	59.89	59.67	27.4	26.8	29.6	32	30.5	28.3	29.1	33.5	25.5	81	80	71	57	63	75	71.2	.8
24	58.63	58.89	59.17	57.36	57.68	58.98	58.45	27.3	26.4	29.4	31.8	29.9	26.8	28.6	32.8	26	84	86	70	58	58	77	72.2	------
25	57.74	57.67	58.96	57.41	57.87	58.88	58.09	26.5	25.8	29.6	31.1	31	28.7	28.8	33.9	24	77	79	61	62	64	73	69.3	------
26	57.94	57.79	59	57.47	56.97	58.02	57.86	28.4	28	29.9	30	29.5	27.4	28.9	31.9	26.8	80	77	68	68	65	80	73	------
27	56.72	56.58	56.66	54.72	55.73	56.89	56.22	26.6	27	31.5	29.7	27.8	26.5	28.2	33.5	25.7	83	80	60	70	79	82	75.7	3.3
28	55.19	55.71	56.24	54.46	55.09	56.03	55.45	26.3	26.5	29.4	32	29.5	28.6	28.7	33.1	25.7	83	83	76	59	68	71	73.3	------
29	55.19	55.42	56.03	54.39	55.38	56.86	55.46	27.4	27.8	30.5	29.4	30.2	28.3	28.9	32.5	26.2	76	73	67	74	72	75	72.8	.5
30	55.84	56.02	56.21	54.89	55.31	56.48	55.79	27.8	27.2	30.6	29.3	29.4	28.2	28.8	31.3	26.2	74	76	57	69	64	69	68.2	4.3
31	55.52	56.12	55.77	55.36	56.13	57.16	56.01	26.5	27.4	28.2	28.5	29	28.6	28	29.7	26	80	77	74	78	74	78	76.8	------
Mean	58.31	58.71	59.23	57.20	57.77	59.08	58.39	26.9	26.6	29.7	30.6	29.3	27.9	28.5	32.3	25.3	80	80.2	67	63.1	68.8	75.9	72.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	63.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NW	NE	NE	NE	N	70.8	109.9	148.1	74.3	403.1	6	------------	Cu.-N. ENE	8	------------	Cu.-N. ENE
2	NE	N	NE	NE	NE	NE	57.8	89.9	135.5	119.9	403.1	2	------------	Cu.	3	------------	Cu. ENE
3	N	N	NE	NE	NE	N	56.8	134.7	159.3	95	445.8	3	------------	Cu. ENE	6	------------	Cu. ENE
4	N	N	NE	NE	NE	NE	64.6	110.8	164.2	111.5	451.1	3	Ci.	Cu. NE	2	Ci.	Cu. ENE
5	N	Calm	NE	NE	NE	N	34.5	74	127.6	81.5	317.6	2	------------	Cu. ENE	2	Ci.	Cu. ENE
6	N	N	NE	NE	NE	NE	60.5	90.3	156.6	120.5	427.9	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	N	N	NE	NE	NE	NE	47.5	90.4	95.2	40.2	273.3	3	Ci.	S.-Cu. ENE	6	------------	S.-Cu. ENE
8	NE	Calm	S	NE	NE	N	50.8	48.8	126.8	65.4	291.8	3	------------	Cu. ENE	3	Ci.	Cu. ENE
9	N	NE	S	NE	NE	NE	43.7	46.4	137.9	101.1	329.1	2	Ci.	Cu. ENE	2	Ci.	Cu.
10	NE	Calm	S	NE	NE	NE	41	52	139.2	114.7	346.9	2	------------	Cu. ENE	3	------------	Cu.
11	NE	Calm	E	NE	Calm	Calm	42.3	108.1	85.1	35.1	270.6	6	------------	S.-Cu. ENE	7	------------	Cu.-N.
12	N	NW	NE	NE	NE	N	65	99.8	142	68.4	375.2	3	Ci.	Cu. ENE	6	------------	Cu. ENE
13	N	N	NE	NE	NE	NE	53.7	96.2	136	89.3	375.2	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
14	NW	NW	NE	NE	NE	NE	58.4	57.8	120	49.7	285.9	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
15	N	N	NE	NE	NE	SW	64.3	53.8	84	91.4	293.5	3	Ci.	Cu. ENE	3	Ci.	Cu.
16	S	Calm	S	S	S	NW	79.5	36.4	56	51.9	223.8	4	Ci.	S.-Cu.	3	Ci.	Cu.
17	Calm	Calm	S	S	SSW	SW	26.6	34.6	72.4	88.5	222.1	3	Ci.	Cu. SSW	4	Ci.	Cu.
18	W	Calm	S	NE	NW	Calm	56.3	44.6	68	33.2	202.1	3	Ci.	S.-Cu.	4	Ci.	Cu.
19	Calm	Calm	SSW	S	NW	NE	97.2	48.5	63	45	253.7	7	Ci.-S.	Cu.-N. SSE	4	Ci.	Cu.
20	NW	W	S	SW	SW	SW	39.6	40.7	110	74.3	264.6	2	Ci.	Cu.	4	Ci.	Cu.
21	N	N	S	Calm	NW	Calm	51.4	41	80.5	35.8	208.7	3	Ci.	Cu.	4	Ci.	Cu. E
22	NW	Calm	E	NE	NE	SW	28.2	67.3	82.1	41.8	219.4	3	Ci.	Cu. W	4	Ci.	Cu.
23	SW	Calm	S	S	NE	Calm	37	37.8	58.7	36.9	170.4	3	Ci.	Cu. NE	3	------------	Cu. NE
24	Calm	Calm	S	SE	NE	Calm	32.5	57.9	88.5	21.8	200.7	5	Ci.-S.	Cu. NE	5	Ci.-S.	Cu. N
25	NW	NW	SE	SE	Calm	NW	36.4	44.6	62.2	42.6	185.8	2	Ci.	Cu.	4	Ci.-S.	Cu. W
26	SW	SW	Calm	SE	SW	SW	49.2	53.3	62.6	49.2	204.3	7	Cl.-S.	Cu. W	8	------------	Cu.-N. WNW
27	W	SW	W	SW	SW	W	135.8	72.4	166.8	69	444	8	------------	Cu.-N. WNW	7	Ci.-S.	Cu.-N. WNW
28	S	SW	SSW	W	SW	SW	83.7	158.5	161.4	85.3	488.9	7	Ci.-S.	Cu. WNW	7	Ci.-S.	Cu. WNW
29	SW	SW	SW	S	SW	SW	136.4	112.3	143.6	88.1	480.4	6	Ci.-S.	Cu. W	3	Ci.-S.	Cu.-N. WNW
30	SW	SW	SW	SW	SW	SW	114.3	194.5	274.2	212.5	795.5	4	Ci.-S.	Cu. SW	4	Ci.-S.	Cu.-N. WSW
31	SW	SW	SW	SW	SW	SSW	252	288.8	342.9	271.1	1,154.8	8	------------	Cu.-N. SW	7	Ci.-S.	Cu.-N. WSW
Mean	------	------	------	------	------	------	66.7	83.7	123.9	80.8	355.1	3.9	------------	------------	4.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	11,009.3	------	------------	------------	------	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.24	56.98	57.77	56.86	57.97	59.34	57.53	27.6	28	29.6	29.7	29.1	28.2	28.7	30.4	27	76	74	69	70	70	72	71.8	------
2	57.99	58.24	58.68?	57.37	57.64	59.01	58.16	27.4	27.2	29.9	30.1	29.1	28.6	28.7	32.6	26.4	81	83	73	68	73	73	75.2	------
3	57.94	58.44	59.33	56.97	58.31	59.92	58.48	27.8	26.1	29.5	31.1	28.7	28.9	28.7	31.9	25.9	71	79	72	61	73	72	71.3	0.5
4	57.99	58.69	59.48	57.66	58.80	60.31	58.82	27.2	27	29.6	31	29.4	28.5	28.8	32.4	26	86	87	73	61	75	81	77.2	------
5	59.06	59.54	60.12	58.18	59.40	60.99	59.55	27.7	27	29	31	29.5	27.7	28.6	32.1	26.2	82	85	77	65	66	76	75.2	------
6	60.40	60.59	60.91	58.65	59.68	61.26	60.25	26.7	26.5	30.1	31.5	29.9	28.5	28.9	32	25.7	83	85	70	58	69	76	73.5	------
7	59.98	59.96	60.31	57.97	57.47	59.94	59.27	27.4	26.7	30	31.8	29.9	28.5	29	33.1	25.8	84	83	67	59	69	74	72.7	------
8	58.96	59.27	59.68	57.59	57.76	59.29	58.76	28.2	27.5	29	32	29.7	28.2	29.1	33	26.3	76	79	78	56	68	74	71.8	------
9	58.59	58.95	59.50	57.65	57.87	59.58	58.69	27.4	29	31.5	31.5	30	28.4	29.6	33.1	26.7	78	69	57	54	65	69	65.3	------
10	58.94	59.51	60.15	58.55	58.70	60.39	59.37	27.3	28.2	31	30.5	29.9	28.2	29.2	32	26.4	76	80	61	65	67	71	70	4.6
11	59.62	59.95	59.85	57.86	58.11	59.54	59.16	27.5	27	31	31.5	29.5	27.7	29	33.4	23.5	79	78	63	51	70	79	70	------
12	58.75	59.37	59.36	57.36	57.60	58.92	58.56	26.5	27.3	30.5	31.2	30	28.8	29	32.3	25.4	84	75	62	55	61	67	67.3	32
13	58.14	59.02	58.98	57.10	57.66	58.89	58.30	27.3	24.5	31	31	30.2	28.4	28.7	32.9	23.7	75	91	62	52	62	68	68.3	12.2
14	58.69	59.09	59.37	57.70	57.97	59.51	58.72	26	25.8	30.5	31.7	30.5	28.2	28.8	33.9	24.9	84	84	65	54	63	76	71	2
15	58.04	58.84	58.80	56.64	57	58.27	57.93	27.6	27	32	32.5	30.5	28.4	29.7	33.5	26	81	84	56	49	62	72	67.3	3.8
16	57.86	57.96	57.97	55.75	56.42	57.94	57.32	24.6	26.3	32	31.2	30.5	26.2	28.5	33.8	23.8	91	82	63	68	68	85	76.2	12.5
17	56.86	57	57.46	55.58	56.37	56.77	56.67	25.7	26	29	29	27.9	27.2	27.5	30.5	23.5	87	84	74	74	78	79	79.3	14
18	55.04	55.42	55.70	54.39	55.09	56.58	55.37	27	26.4	25.7	27	26.5	27.8	26.7	28.6	24	83	85	84	83	83	79	82.8	12.2
19	56.08	56.39	57.44	56.58	57.21	58.82	57.09	27.2	28	29.1	30	28.5	27.8	28.4	30.5	25	83	74	70	62	71	76	72.7	2.1
20	58.08	58.09	58.51	57.29	58.04	59.64	58.28	27.6	27.2	28.5	30.5	29.3	27.2	28.4	31.3	26	80	83	78	62	69	80	75.3	------
21	59.24	59.37	59.72	57.81	58.68	60.45	59.21	26	25.8	29	29.8	26	23.6	26.7	30.3	22.8	86	85	74	70	85	91	81.8	18
22	59.21	59.53	59.89	57.68	58.75	59.42	59.08	24.7	24.4	29.5	29.7	26	26.9	26.9	31	23.2	92	88	70	69	88	85	82	12.5
23	58.80	58.98	59.64	57.88	57.91	59.45	58.78	26.6	26	29.5	30.5	29	23.6	27.5	31.6	22	86	90	72	66	74	89	79.5	24.4
24	58.22	57.99	58.61	56.86	57.37	58.44	57.92	24.5	25.9	28.5	26	26.3	26.4	26.3	31.9	23.6	91	86	78	86	88	86	85.8	27.9
25	57.37	57.49	58.54	57.10	57.39	58.39	57.71	24.9	24.9	27	28	27	26	26.3	29	24	90	88	81	77	83	88	84.5	------
26	57.21	57.77	57.83	56.72	57.07	58.20	57.47	25.8	25.9	28.5	29.5	28	26.6	27.4	30.1	24.5	87	86	74	71	81	80	79.8	1.3
27	56.87	56.85	57.20	56.27	55.91	56.97	56.68	26	26.6	29	29.8	28	27.2	27.8	30.3	25.6	84	80	72	63	73	77	74.8	------
28	56.05	56.29	56.78	55.04	55.29	56.98	56.07	27	26.7	28.3	29.7	29.5	28.2	28.2	30.5	26	77	79	79	74	71	76	76	------
29	56.64	56.69	57.12	55.44	56.59	58.03	56.75	27.6	27.4	28.7	30	29.4	27.2	28.4	30.6	26	76	79	76	65	78	76	75	------
30	57.19	57.07	57.05	56.65	56.49	57.69	57.02	26	26.5	29	23.9	26.3	27.1	26.5	29.8	22.7	82	79	74	89	82	78	80.7	22.9
Mean	58	58.31	58.72	57.04	57.55	58.96	58.10	26.7	26.6	29.5	30.1	28.8	27.5	28.2	31.6	25	82.4	82.1	70.8	65.2	72.8	77.5	75.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	202.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	S	SW	SW	233.2	252	204	228.8	918	6	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
2	S	SW	S	S	S	S	75.3	28.9	51.5	31.9	187.6	8	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.
3	SW	Calm	S	S	NE	Calm	45	38	76.1	30.5	189.6	8	Ci.-S.	Cu.	5	Ci.	Cu.
4	NW	Calm	S	SE	SW	W	33.8	51.7	61.5	58.7	205.7	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
5	SW	Calm	S	SE	N	Calm	34.6	51.2	66.6	16.9	169.3	4	Ci.	Cu.	6	Ci.-S.	Cu.
6	NW	NW	SE	NE	N	N	35.9	59.5	103.8	36.7	235.9	6	Ci.	Cu.	4	Ci.	Cu.
7	Calm	Calm	SE	NE	NE	N	21.7	58.4	100.3	47.7	228.1	3	Ci.	Cu.	4	Ci.-S.	Cu.
8	N	N	S	NE	NE	N	53.8	46.6	70	49.1	219.5	3	Ci.	Cu.	3	Ci.	Cu. ENE
9	N	E	E	NE	NE	N	49.1	66.8	105.6	46.4	267.9	3	Ci.	Cu. E	4	Ci.	Cu.
10	Calm	Calm	SE	NE	NE	Calm	25.4	45.9	90.3	44.5	206.1	6	Ci.	Cu. E	5	Ci.-S.	Cu.
11	NW	Calm	NE	NE	NE	N	39.1	39.4	103	55.5	237	2	Ci.	Cu.	4	Ci.	Cu.
12	E	Calm	NE	NE	NE	Calm	36.2	44.8	108.1	29.5	218.6	3	Ci.	Cu. ENE	3	Ci.	Cu.
13	N	NW	NE	NE	NE	NW	31.9	47	96.1	36.2	211.2	7	------------	Cu.-N. E	3	Ci.	Cu.
14	SW	W	S	SE	NE	N	55	37.5	62.8	43.5	198.8	3	Ci.	Cu.	3	Ci.	Cu.
15	Calm	Calm	NE	NE	NE	N	24.3	49.7	93.9	66	233.9	2	------------	Cu.	3	Ci.	Cu. ENE
16	Calm	Calm	E	SSW	SW	SW	36.2	39.7	58.9	92.7	227.5	3	Ci.	Cu.	5	Ci.-S.	Cu. ENE
17	NE	Calm	S	W	Calm	W	53.1	61.9	44.5	28.6	188.1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
18	Calm	WSW	SW	SW	WSW	SW	51.5	144.5	152.7	239.6	588.3	9	------------	Cu.-N. W	9	------------	N. WSW
19	S	S	SW	SW	SW	SW	313.8	322	185.9	87.7	909.4	7	Ci.-S.	Cu.-N. SSW	6	Ci.-S.	Cu.-N. SSW
20	SW	SW	SW	SW	SW	NW	108.9	79.4	78.9	31.8	299	7	A.-Cu.	Cu.-N. SSW	5	Ci.-S.	Cu. SSW
21	NW	Calm	SSW	SSW	NW	N	44.3	83.1	110.2	50.3	287.9	7	Ci.-S.	Cu. SSW	3	Ci.	Cu. SW
22	NW	N	Calm	Calm	W	Calm	46.4	27.8	51.5	34.3	160	5	Ci.-S.	Cu. NW	5	Ci.-S.	Cu.
23	NW	Calm	Calm	S	E	NW	34.6	31.8	43.5	47.5	157.4	7	------------	S.-Cu.	7	Ci.-S.	Cu.-N.
24	Calm	W	S	NE	NE	Calm	32.1	63	49.5	35.9	180.5	6	Ci.-S.	Cu.-N. ENE	7	------------	Cu.-N. NNW
25	W	W	Calm	SW	SW	Calm	66.7	25.1	49.7	27.9	169.4	7	Ci.-S.	Cu.-N. WNW	8	------------	Cu.-N. W
26	W	Calm	SE	S	WSW	SW	34.1	38.6	104.6	109.7	287	8	------------	Cu.-N. NNE	6	Ci.	Cu. W
27	SW	WSW	SW	SW	SW	SW	81.1	156.4	168.9	119.1	525.5	9	Ci.-S.	Cu.-N. W	8	------------	Cu.-N. WSW
28	SW	SW	SW	SW	SW	SW	126.1	204.7	288	143.2	762	7	A.-Cu.	Cu. SW	6	A.-Cu.	Cu. SW
29	W	S	SW	S	SSW	W	150.9	210	229	173.8	763.7	7	Ci.-S.	Cu. SW	7	A.-Cu.	Cu. SW
30	W	W	SW	SW	SW	SW	135.5	175.1	151.2	63	524.8	7	A.-Cu.	Cu. SW	10	------------	N. SW
Mean	------	------	------	------	------	------	70.3	86	105.4	70.2	331.9	5.7	------------	------------	5.6	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,957.7	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.89	56.75	57.54	55.92	57.42	58.68	57.20	26.5	26.3	28.5	29	27.6	27	27.5	30.6	25.4	82	80	78	74	76	78	78	------
2	57.56	57.46	58.28	56.39	57.65	58.36	57.62	26.3	26.7	29	30	27.2	26.7	27.6	30.5	24.9	79	78	75	71	86	81	78.3	6.9
3	57.42	57.87	57.51	56.12	56.64	57.67	57.20	26.9	27.2	29.9	29	27	26.6	27.8	31	24.6	79	78	67	76	80	77	76.2	5.6
4	56.24	56.59	56.88	55.49	55.94	57.19	56.39	26.5	26.6	28	30	28	27.2	27.7	31	25.5	76	78	74	62	70	73	72.2	.8
5	56.35	56.22	57.09	56.09	56.34	57.27	56.56	26.3	26	27.4	27.5	27.8	26.7	27	28	24.5	79	80	73	66	65	71	72.3	.5
6	55.70	56.21	56.68	54.79	55.07	56.50	55.82	26.7	27	28.4	29.3	28.9	28	28	29.6	23.8	74	75	77	73	76	71	74.3	7.9
7	56.19	56.54	57.20	55.49	55.66	57.09	56.36	27.9	27.9	28.4	29	29	28.4	28.4	29.8	26.9	78	78	75	71	74	71	74.5	------
8	56.84	56.74	57.47	56.17	56.92	58.04	57.03	27.3	26.6	28.3	29	28.9	28	28	29.8	26	77	82	75	78	81	74	77.8	------
9	57.13	57.65	57.54	56.06	56.81	57.84	57.17	27	26.8	28.8	29.4	28.9	28.5	28.2	30	25.5	76	72	76	72	74	71	73.5	------
10	56.93	57.24	57.68	56.77	57.33	58.06	57.34	28.1	27.8	29.4	29.4	30.4	28.8	29	31.8	26.8	70	71	73	79	69	72	72.3	------
11	57.93	58.32	58.74	57.29	57.59	58.34	58.04	28.2	28	28.3	29.5	29	28.5	28.6	30	27	74	77	82	75	78	76	77	------
12	57.71	57.87	58.79	57.91	58.02	59.57	58.31	28.3	27	28.5	29	29	28	28.3	29.6	26	72	77	81	78	78	78	77.3	------
13	58.34	58.46	59.03	57.74	58.30	59.43	58.55	27.3	27	28.6	29	30.2	28	28.4	30.9	26.5	77	80	73	78	64	72	74	------
14	58.12	58.84	59.28	57.98	58.08	59.61	58.65	27	27.5	29	30.5	29	28.5	28.6	31	26.5	77	73	71	65	74	74	72.3	------
15	59.11	58.92	58.88	57.46	58.11	58.67	58.52	27.6	27.6	29.6	29.9	29.2	28.3	28.7	31.2	26.4	76	76	71	73	76	74	74.3	------
16	57.61	57.74	58.02	56.22	56 90	57.63	57.35	27.8	27.4	28.8	31.4	29	27	28.6	32	26.2	76	75	77	57	64	75	70.7	------
17	56.97	57.14	57.94	56.82	57.17	58.14	57.36	26.5	26.3	28.7	27.8	27	26.8	27.2	30	25.3	74	75	70	77	77	72	74.2	.3
18	57.47	57.54	57.95	56.03	56.92	58.17	57.35	26.5	26.5	27.8	29.5	29	28.2	27.9	30	25.3	74	74	84	71	72	72	74.5	------
19	57.20	57.43	57.56	56.04	56.59	57.97	57.13	27.5	27.2	28.5	29.5	28.1	28	28.1	30	26.4	75	74	72	72	77	77	74.5	2
20	57.46	57.94	58.46	56.69	56.98	58.03	57.59	26.4	25.4	28	29	27.1	26.7	27.1	29.6	24.2	86	80	79	71	81	83	80	4.8
21	57.24	58.16	57.99	56.31	57.30	58.11	57.52	26.5	26.5	29	29	26.9	26.9	27.5	30	25.2	79	79	68	71	83	77	76.2	.3
22	56.99	56.85	57.18	55.43	55.99	57.07	56.58	26.5	26.5	28.6	29.5	29	28.6	28.1	29.7	25.4	74	74	76	72	71	66	72.2	------
23	56.09	55.63	55.93	54.68	55.23	56 44	55.67	27.3	26.7	28.5	27.6	28.5	26.9	27.6	29.8	25.6	73	74	75	83	74	77	76	3.8
24	55.81	56.18	56.38	55.96	56.19	57.48	56.33	26.8	27	28.4	30	29.8	28.8	28.5	30.2	25.6	77	75	75	68	67	70	72	------
25	56.92	56.74	57.56	56.39	56.74	57.43	56.96	28.2	27.5	29	29.5	29	28.5	28.6	30	26.6	72	77	74	70	75	71	73.2	------
26	57.22	57.07	57.54	56.68	57.07	58.05	57.27	28	27.2	28.8	30.4	29.6	28.5	28.8	31	26.5	74	79	73	66	67	75	72.3	------
27	57.39	57.82	58.64	57.36	58.23	59.44	58.15	27	26.9	29	30.5	29	27.1	28.2	30.9	25.5	78	73	73	62	74	81	73.5	------
28	58.72	59.13	59.52	58	58.88	60.18	59.07	26.3	26.7	29.3	31.5	29.4	27.7	28.5	31.9	25	81	81	70	63	74	79	74.7	------
29	59.10	59.59	60.03	58.35	59	60.27	59.39	26.7	26	29	31.4	29.5	26.4	28.2	33	24.5	80	84	74	62	72	82	75.7	1.5
30	59.34	60.22	59.59	57.62	58.37	59.83	59.16	26	25.5	28.5	31.4	29	27.8	28	32.1	23.8	84	81	75	52	71	76	73.2	------
31	59.22	59.59	60.37	58.02	58.33	59.90	59.24	26.4	26	29	30.3	29.5	27.7	28.2	31.5	25	78	79	72	63	68	77	72.8	------
Mean	57.39	57.63	58.04	56.59	57.15	58.27	57.51	27	26.8	28.7	29.6	28.7	27.7	28.1	30.5	25.6	76.8	77.1	74.5	70	73.8	74.9	74.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	34.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	SW	W	SW	69.2	148.4	166.6	80.5	464.7	7	Ci.-S.	Cu.-N. SW	6	A.-Cu.	Cu.-N. SW
2	W	W	SW	SW	W	SW	54.9	129	133.9	74.1	391.9	2	Ci.	Cu. SW	4	Ci.	Cu.
3	SW	W	SW	NE	NE	SW	91.8	97.9	72.1	126.7	388.5	4	Ci.	Cu. SW	7	Ci.	Cu. W
4	SW	SW	SW	SW	SW	SW	142.7	149.4	225.1	185.8	703	7	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. WSW
5	SW	SW	SW	SW	SW	SW	180.6	219.6	352.1	156.4	908.7	9	------------	N. SW	9	------------	Cu.-N. SW
6	SW	SW	SW	SSW	S	S	120.7	186.9	252.6	139.7	699.9	7	A.-Cu.	Cu. SW	4	Ci.-S.	Cu. SW
7	S	SSW	SW	SW	SW	SW	239.9	320.2	276	92.9	929	7	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.-N. WSW
8	SW	SW	SW	SW	SW	SW	121.9	191.8	142.8	84.5	541	7	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
9	SW	SW	SW	SW	WSW	SW	99.4	175.5	183.5	136.8	595.2	3	Ci.	Cu. SW	3	Ci.	Cu. WSW
10	SW	WSW	SW	SW	WSW	SW	158	213.8	230.2	152.9	754.9	3	A.-Cu. ENE	Cu.	5	Ci.-S.	Cu. SW
11	SW	SW	S	S	S	SW	111.8	258.1	254.4	138.1	762.4	7	------------	S.-Cu. WSW	7	Ci.-S.	Cu. WSW
12	SW	SW	S	SW	SW	SW	78.9	193.5	185.8	102.2	560.4	6	Ci.-S.	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
13	SW	SW	SW	S	SW	SW	119.1	149.7	193.7	92.5	555	5	Ci.-S.	Cu.	4	Ci.-S.	Cu. WSW
14	SW	SW	SW	SW	S	SW	96.9	141.6	154.5	104.6	497.6	3	Ci.-S.	Cu.-N.	3	Ci.	Cu.
15	SW	SW	SW	SW	SW	W	70.8	157.1	136.9	38.2	403	2	Ci.-S.	------------	7	Ci.-S.	Cu. W
16	SW	SW	SW	SW	SW	SW	66.6	166.1	185.6	174.9	593.2	4	Ci.	Cu.	5	A.-Cu.	Cu. W
17	SW	SW	S	SW	SW	SW	114.8	155.3	185.4	177.1	632.6	3	Ci.	Cu. WSW	8	------------	Cu.-N. WSW
18	SW	SW	S	SSW	SSW	SW	70	156.9	231.8	154.5	613.2	4	Ci.	Cu. SW	4	Ci.	Cu. WSW
19	SW	SW	S	SW	SW	SW	96.6	107	171.5	86.1	461.2	5	Ci.-S.	Cu.	5	Ci.-S.	Cu. SW
20	SW	N	NE	SE	SW	SW	41.5	56.3	68.4	50.3	216.5	8	------------	Cu.-N. NNE	6	Ci.-S.	Cu.-N.
21	SW	SW	S	SW	N	SW	83.7	48.3	126.8	48.6	307.4	8	------------	S.-Cu.	7	------------	Cu.-N. W
22	SW	SW	SSW	SW	S	SW	82.1	80.2	188.6	68.2	419.1	7	------------	S.-Cu.	4	Ci.-S.	Cu. W
23	SW	SW	SW	SW	SSW	SW	77.4	123.7	183.6	95.5	480.2	3	Ci.	Cu. WSW	7	------------	Cu.-N. WSW
24	SW	SW	SW	SW	S	SW	91.2	234.1	233.4	99.8	658.5	6	Ci.-S.	Cu. WSW	5	Ci.	Cu. SW
25	SW	S	SW	SW	SW	SW	127.1	214.1	182.4	131.7	655.3	6	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
26	SW	SW	SW	SW	SW	SW	90.6	147.3	154.1	64.9	456.9	3	Ci.	Cu. SW	3	Ci.	Cu. SW
27	W	W	S	SW	SW	WSW	46.7	98.7	139.2	46.3	330.9	7	Ci.-S.	Cu. SW	5	Ci.-S.	Cu.
28	W	SW	S	S	SE	NW	45.9	82.1	56.3	38.2	222.5	4	Ci.	Cu. SW	3	Ci.	Cu.
29	NW	NW	S	NNE	Calm	N	37.5	38.8	52.2	39.4	167.9	4	Ci.	Cu.-N. E	5	Ci.-S.	Cu.
30	NW	SW	S	NE	NE	N	55.7	60.2	90.7	41.5	248.1	7	------------	Cu.-N. ENE	4	Ci.-S.	Cu. ENE
31	S	SW	S	S	SW	SW	111.9	54.7	75.6	44.3	286.5	5	A.-Cu.	S.-Cu.	4	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	96.6	147	170.5	98.9	513.1	5.3	------------	------------	5.4	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	15,905.2	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.92	59.52	59.16	57.85	58.54	59.87	58.98	26.2	25	28.5	30.9	28	27	27.6	32.5	24.4	82	86	70	60	77	81	76	------
2	58.89	59.14	59.23	57.37	57.02	59.03	58.45	26.4	26.2	29.4	28.9	30.5	27.6	28.2	31	24	77	77	72	76	68	78	74.7	6.4
3	57.66	58.19	58.22	56.16	57.49	58.41	57.69	27.1	26.5	28.5	80.5	26	26	27.4	31	24.4	78	80	79	67	88	88	80	25.7
4	57.86	58.01	58.34	57.03	57.82	58.93	58	25.3	25.6	28	28.5	28	26.6	27	29.1	24.2	88	87	74	74	79	78	80	2.3
5	57.85	57.95	58.91	57.14	58.09	59.40	58.22	25.4	25.9	28.4	29	25.5	25.2	26.6	30.1	23.9	88	86	75	71	88	88	82.7	7.1
6	58.24	58.46	59.03	57.90	57.98	59.26	58.48	26	26.5	28.5	27	26.9	26.2	26.8	29.5	24.5	79	76	75	81	81	79	78.5	3.3
7	58.10	58.41	59.27	57.55	57.89	59.20	58.40	26	26.2	28.1	29	26.2	25.7	26.9	29.2	23.5	78	75	70	68	84	80	75.8	2.5
8	57.65	58.08	58.78	57.14	57.84	59.12	58.10	25.8	26	27.9	29	26.1	26.1	26.8	29.2	24.5	78	76	78	71	88	85	79.3	1.8
9	57.96	58.06	58.72	57.12	57.43	58.58	57.98	26	26.2	28.3	29	27.5	27.5	27.4	29.2	25	81	84	68	71	71	70	74.2	------
10	57.43	57.63	58.04	56.18	56.84	57.34	57.24	26.8	26.8	28.3	30.2	28.7	27.3	28	30.9	26	74	74	72	58	66	71	69.2	------
11	56.15	55.35	56.34	55.08	55.23	56.55	55.78	26.7	26.6	27.5	29	27.5	27.1	27.4	29.3	23.8	72	76	77	71	73	75	74	6.8
12	56.04	55.60	56.33	54.47	55.32	56.35	55.68	25.6	27.1	28.4	29.2	29	28.4	28	30	23.8	83	79	78	74	58	69	73.5	------
13	56.05	56.27	57.08	55.43	56.41	57.67	56.48	27.5	27.5	28.9	29	28.8	28.3	28.3	29.5	27	79	81	75	71	73	77	76	------
14	57.58	57.64	57.72	56.39	57.21	57.97	57.42	27.5	27.2	28.6	30	29	28.5	28.5	31	26	78	78	76	65	69	70	72.7	------
15	57.45	58.09	58.59	56.61	57.36	58.95	57.84	26.8	25.7	28.8	29.5	28.1	26	27.5	30.9	24.5	80	82	75	71	77	85	78.3	1.8
16	57.85	57.99	58.13	56.24	56.91	58.09	57.54	25.6	25.2	28.5	29.5	29	27.1	27.5	30.9	24	84	86	70	70	78	86	79	5.8
17	57.48	58.04	58.84	56.86	57.64	58.79	57.94	26	26	28.1	29.2	28	26.5	27.3	29.6	24.5	85	84	79	73	81	83	80.8	1.3
18	58.41	58.15	59.16	56.71	57.31	58.46	58.03	25.4	26.3	28	29.5	29	27	27.5	30.3	24	83	83	72	68	71	82	76.5	------
19	57.62	57.91	58.66	56.88	57.19	58.63	57.82	25.8	26.5	28.8	30	29	28.7	28.1	30.5	24.5	83	80	76	71	78	73	76.8	------
20	57.54	57.55	58.27	56.53	56.24	57.74	57.31	27.4	27.4	29.4	29.8	30	28.4	28.7	30.2	26.5	77	73	66	69	65	70	70	------
21	56.82	57.22	57.81	55.34	56.28	57.77	56.87	27.4	27.5	28.8	30	30	28.3	28.7	30.5	26.3	74	73	76	68	62	71	70.7	------
22	57.27	57.33	58.31	56.79	57.33	58.68	57.62	27.8	28	29.1	30	30	28.3	28.9	30.2	26.8	74	80	74	71	71	68	73	------
23	58.52	58.98	59.43	57.90	58.30	59.32	58.74	27.2	26.6	28.8	29.9	29.2	28.2	28.3	30.7	25.6	73	75	73	65	66	70	70.3	------
24	59.07	59.39	59.91	58.12	58.57	59.67	59.12	27.1	26.5	29	30	29.3	28.5	28.4	31	24.9	75	75	68	64	70	70	70.3	------
25	58.46	58.87	59.30	57.61	57.40	58.33	58.33	27.4	26.7	29.5	30.1	29.5	28.2	28.6	30.5	26	70	75	63	68	68	68	68.7	------
26	57.63	57.89	58.02	56.10	56.48	57.87	57.33	27.7	27.7	29	29.7	30.2	28.2	28.8	30.5	26.8	72	69	68	72	58	69	68	------
27	57.08	57.32	57.56	55.97	56.73	58.16	57.14	27.8	27.2	28.9	30	30	28.9	28.8	31	26.2	71	77	71	71	62	67	69.8	------
28	58.04	58.69	59.13	57.21	57.90	59.22	58.36	27.9	27.2	28.8	30	29.4	28.8	28.7	30.4	25.4	71	72	72	67	72	65	69.8	------
29	58.97	59.13	59.37	57.86	58.21	59.85	58.90	28	27.5	29	30	29.5	28.9	28.8	30.5	26.7	70	73	69	69	75	71	71.2	------
30	58.67	58.77	59.85	58.03	58.11	59.28	58.78	27.5	27.5	29	29.6	30	28.3	28.6	32	26.5	78	78	75	72	62	70	72.5	------
31	57.93	57.52	57.97	56.68	57.17	58.03	57.55	28	27.5	29	29.4	29.8	28.8	28.8	31.4	26.5	71	73	74	56	66	69	68.2	------
Mean	57.78	57.97	58.50	56.78	57.30	58.53	57.81	26.7	26.7	28.6	29.5	28.6	27.6	28	30.4	25.2	77.6	78.2	72.9	69.1	72.4	75	74.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	64.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	SE	NW	NW	36.1	64.9	83.7	33.8	218.5	2	Ci.	Cu.	3	Ci.	Cu. E
2	NW	NW	S	NE	Calm	W	40.8	40.4	43.5	41.3	166	3	Ci.	Cu. ENE	6	Ci.-S.	Cu.
3	NW	NE	S	SSW	NW	NW	39.9	52.3	71.9	32.7	196.8	7	----------	Cu.-N. N	5	Ci.-S.	Cu.-N. W
4	N	Calm	S	SW	SW	Calm	40.6	81	120.2	39.1	280.9	7	Ci.-S.	Cu.-N. W	7	Ci.-S.	Cu.-N. WSW
5	W	SW	S	S	Calm	NW	33.4	96.2	119.1	35.8	284.5	5	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu.-N. WSW
6	W	SW	SW	S	SW	SW	63.3	144.8	144	145.6	497.7	6	Ci.	Cu. WSW	7	----------	Cu.-N. WSW
7	SW	SW	SW	S	SW	W	153.9	98.9	161.9	94.3	509	7	----------	S.-Cu. SW	8	----------	Cu.-N. SW
8	SW	SW	SW	S	S	NW	106.7	149.2	199.3	67	522.2	7	----------	S.-Cu. SW	7	Ci.-S.	Cu.-N. WSW
9	SW	SW	SW	S	SW	SW	166.4	178.7	161.8	139.2	646.1	7	----------	Cu.-N. WSW	6	Ci.-S.	Cu. WSW
10	SW	SW	SW	SW	SW	SW	169	257.3	237	233.1	896.4	5	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
11	SW	SW	SW	SW	SW	SW	148.1	204.8	197.7	165.3	715.9	8	A.-Cu.	Cu.-N. WSW	9	----------	Cu.-N. WSW
12	SW	SW	SW	SW	SW	SW	119.9	241.5	295.4	201.7	858.5	7	A.-Cu.	Cu. SW	7	Ci.-S.	Cu. SW
13	SW	SW	SW	SW	SW	SW	302.9	263.5	180.6	107.2	854.2	7	A.-Cu.	Cu. SW	7	Ci.-S.	Cu. SW
14	SW	SW	SW	SW	SW	SW	99.6	155.3	157.7	51.7	464.3	4	Ci.	Cu. SW	4	Ci.-S.	Cu. SW
15	E	Calm	S	S	SW	N	35.1	66.8	101.7	41.8	245.4	3	Ci.	Cu.	6	Ci.	Cu.-N. WSW
16	Calm	N	S	NE	Calm	SW	29.6	57	46.8	36.2	169.6	5	A.-Cu.	Cu.	5	Ci.	Cu. NNW
17	NW	W	Calm	SE	SW	Calm	32.4	38.5	65.4	29.6	165.9	7	Ci.-S.	Cu.-N. NNW	4	Ci.	Cu. W
18	SW	SW	S	S	SW	Calm	45.1	95	74	34.6	248.7	3	Ci.	Cu.	5	Ci.	Cu.-N. W
19	Calm	W	S	SW	SW	SW	31.1	82.4	146.4	88.1	348	3	A.-Cu.	Cu.	6	Ci.-S.	Cu.-N. SW
20	SW	SW	SW	SW	S	SW	92.3	158	226.4	146.4	623.1	7	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu. SW
21	SW	SW	S	SSW	SW	SW	112.1	264.5	328.4	167.9	872.9	4	A.-Cu.	Cu. SW	3	Ci.	Cu. SW
22	SW	SW	SSW	SW	SW	SW	216.8	349.1	244.4	130.6	940.9	5	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
23	SW	WSW	SSW	SW	SW	SW	78.4	122.1	173.4	70.8	444.7	4	Ci.-S.	Cu. SW	3	Ci.-S.	Cu. SW
24	SW	SW	S	SW	SW	S	54.7	126.3	153.3	74.5	408.8	3	Ci.	Cu.	5	Ci.-S.	Cu. SW
25	SW	SW	S	SW	SW	SW	116.4	166.9	175.5	104.6	563.4	3	Ci.	Cu.	3	Ci.	Cu. W
26	SW	SW	S	SW	SW	SW	133.6	181.9	233.4	163.4	712.3	2	Ci.	Cu.	5	Ci.	Cu. SW
27	SW	SW	SW	SW	SW	SW	149.5	216.5	226.2	174.2	766.4	3	Ci.	Cu. SW	3	Ci.	Cu. SW
28	SW	W	SSW	SSW	SW	SW	85.9	210.1	240.4	109.4	645.8	4	Ci.-S.	Cu.	3	Ci.	Cu. SW
29	SW	SW	S	SW	S	SW	104.9	159.3	199.6	99.8	563.6	3	Ci.	S.-Cu.	3	Ci.	Cu. SW
30	SW	SW	S	S	SW	SW	133.6	205.1	268.1	144.8	751.6	2	Ci.	Cu.	4	Ci.	Cu. SW
31	SW	SW	SW	SW	SW	SW	115.9	273.7	240.7	155	785.3	5	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.-N. WSW
Mean	------	------	------	------	------	------	99.6	154.9	171.5	101.9	528	4.8	----------	----------	5.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	16,367.4	----	----------	----------	----	----------	----------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	56.68	57.03	57.79	55.44	56.99	57.64	56.93	27.7	27.6	29	29.9	29.5	29.1	28.8	31.6	26.9	76	81	78	71	64	64	72.3	------
2	56.19	57.12	57.22	55.12	56.03	57.03	56.45	28.5	28.3	28.6	29.4	28.5	28	28.6	30.1	27.5	70	71	79	72	70	74	72.7	------
3	55.71	56.32	56.31	54.46	55.49	57.01	55.88	28	28.8	29	29.4	29.7	28.8	29	31	27.4	70	65	74	72	63	73	69.5	------
4	55.29	56.07	56.57	54.96	55.36	56.69	55.82	28.5	28	29	29.5	29	28.5	28.8	30	27.5	75	82	74	71	74	70	74.3	------
5	56.39	56.23	56.56	54.24	55.19	56.73	55.89	28.1	27.5	29	29.7	29.5	28.5	28.7	30.2	26.6	74	77	74	70	66	72	72.2	------
6	56.34	56.09	56.48	54.83	55.34	56.59	55.94	27.7	28	28.9	29.1	30	28.8	28.8	30.2	26.5	76	74	74	72	64	68	71.3	------
7	55.84	55.69	56.48	54.72	56.26	56.89	55.98	28	28	29	29.3	26.6	26.8	28	31.9	26.2	78	77	72	71	80	83	76.8	0.5
8	56.30	56.63	57.02	55.32	56.36	57.28	56.48	27.5	26.7	29	27.4	29.5	28.4	28.1	30.1	25.5	78	83	74	74	70	72	75.2	.5
9	57.05	56.63	57.17	55.49	56.79	57.77	56.82	28	27.4	28.9	29.4	29.1	27.9	28.4	30	26.5	71	74	75	72	69	71	72	.3
10	57.38	57.63	58.48	56.61	57.36	58.81	57.71	27.9	27.3	28.9	29.8	29.5	28.8	28.7	32.5	26.5	75	80	73	68	68	69	72.2	------
11	57.94	58.09	58.89	57.12	58.10	59.38	58.25	28.1	26.8	29	30	29.7	28.6	28.7	30.6	26.2	71	78	74	68	67	69	71.2	------
12	58.32	58.07	59.01	56.97	58.21	58.62	58.20	28	27.8	29.9	31.5	29.4	28.1	29.1	32.2	26.9	71	71	62	56	62	69	65.2	------
13	57.95	58.37	59.08	57.54	58.44	59.24	58.44	27.4	27	29	29.3	26	27	27.6	29.6	24.1	72	74	71	69	72	70	71.3	6.4
14	58.33	58.94	59.49	57.87	58.78	60.02	58.90	26.6	26.4	28.5	29.8	28.5	27.4	27.9	30.5	25	72	73	70	66	74	78	72.2	------
15	58.89	59.82	60.33	57.92	58.13	59.63	59.12	26.6	26.2	28.5	31	29	27.5	28.1	31.6	24.5	78	79	72	64	74	80	74.5	------
16	58.63	59.07	59.57	57	57.72	59.21	58.53	26.5	26.2	29.5	30.5	30	28.2	28.5	32	25.3	80	82	69	65	66	74	72.7	------
17	57.94	58.47	58.91	56.55	57.20	58.99	58.01	26.7	27	29	30.5	29	28	28.4	31.5	25	79	78	72	65	72	76	73.7	------
18	58.40	58.89	59.77	57.93	58.68	60.22	58.98	27	26	29.7	30.8	30	28	28.6	31.5	24.7	80	84	71	68	71	77	75.2	.5
19	59.57	59.87	61.12	58.31	59.33	61.06	59.88	27.3	27	29.5	30.5	29	27.7	28.5	31.1	26	81	83	72	66	74	79	75.8	------
20	59.98	60	60.67	58.33	58.78	59.99	59.62	26.6	26.4	29	31.4	28.5	27.5	28.2	31.8	24	80	81	74	63	77	81	76	7.3
21	59.34	59.22	59.76	57.80	57.82	59.08	58.84	26.4	26	29.5	26.6	28	27.2	27.3	30.5	22.7	82	84	68	80	75	73	77	19.3
22	58.29	58.03	58.86	56.66	57.09	58.58	57.92	25.8	26.2	28.2	29	27.2	26.8	27.2	30	24	81	79	72	70	78	78	76.3	------
23	57.13	57.31	58.17	56.75	56.93	58.36	57.44	27.2	26.5	28.7	24.5	26	26.4	26.6	31.9	22.7	77	80	71	90	88	85	81.8	39.6
24	57.59	57.46	58.08	56.08	57.39	58.74	57.56	26.3	26.9	28.5	30	28.5	27.2	27.9	30.7	24.9	82	80	78	67	74	80	76.8	.8
25	57.86	57.67	58.82	56.53	57.57	58.96	57.90	26.8	26	26.4	29	27.5	27.5	27.2	29.8	23	78	80	86	74	76	73	77.8	14
26	57.93	58.36	58.92	57.09	58.03	58.88	58.20	27.1	25.1	28.2	29	27	26.9	27.2	29.3	23.8	76	84	70	68	70	77	74.2	------
27	58.28	58.72	59.29	56.57	57.62	59.98	58.41	27.1	26.4	28.5	29.5	28.5	28	28	30	25.7	76	81	67	69	77	70	73.3	------
28	58.57	59.09	59.59	57.46	58.31	59.51	58.76	27.5	27.3	28.9	29.5	28.7	27.4	28.2	30.1	26.3	73	75	75	68	73	76	73.3	------
29	58.44	59.14	59.34	57.21	58.43	60.02	58.76	27	26.7	29.2	30	27.5	26.7	27.8	30.5	25.6	75	73	70	65	76	79	73	------
30	58.47	59.25	59.94	57.63	58.95	60.63	59.14	27	25.7	30.1	31	30	27.5	28.6	31.8	24.4	75	82	67	61	68	78	71.8	------
Mean	57.70	57.98	58.59	56.55	57.42	58.72	57.83	27.3	26.9	28.9	29.5	28.6	27.8	28.2	30.8	25.4	76.1	78.2	72.6	69.2	71.7	74.6	73.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	89.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	S	WSW	SW	192.4	286.9	262.1	170.1	911.5	4	A.-Cu.	Cu. SW	6	A.-Cu.	Cu. SW
2	SW	SW	SW	S	SW	SW	186.8	220.6	284.5	167.7	859.6	5	A.-Cu.	Cu. SW	7	Ci.-S.	Cu.-N. SW
3	SW	SW	SSW	S	SW	SW	210.9	268.7	288	159.3	926.9	5	A.-Cu.	Cu. SW	7	Ci.-S.	Cu. WSW
4	SW	SW	SW	S	S	SW	231.8	289.6	284	167.9	973.3	8	------------	S.-Cu. WSW	8	Ci.-S.	Cu. WSW
5	SW	SW	S	SSW	SW	SW	141.6	240.2	256.8	156.1	794.7	7	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. WSW
6	SW	SW	SW	SSW	SW	SW	147.3	304.1	257.5	163.9	872.8	4	Ci.	Cu. SW	8	------------	Cu.-N. WSW
7	SW	SW	SW	S	SW	SW	214.4	354.2	219	145.5	933.1	3	Ci.	Cu. SW	7	------------	Cu.-N. WSW
8	SW	SW	S	SW	SW	SW	74.7	172.6	174.9	119.7	541.9	8	------------	S.-Cu. SW	8	------------	Cu.-N. WSW
9	SW	SW	SSW	S	SW	SW	120.2	245.2	193.5	115.6	674.5	6	A.-Cu.	Cu. SW	4	Ci.	Cu. SW
10	SW	SW	S	SSW	SW	SW	110.2	165	184	128.3	587.5	3	Ci.	Cu. SW	3	Ci.-S.	Cu. SW
11	SW	SW	S	S	SW	SW	122	166.1	196.7	138.1	622.9	3	Ci.	Cu. SW	4	------------	Cu. WSW
12	SW	SW	SW	SW	SW	SW	127.9	205.3	194.2	101.2	628.6	7	------------	S.-Cu.	6	Ci.-S.	Cu. W
13	SW	SW	S	S	SW	SW	68.4	136.8	170.7	106.2	482.1	8	------------	S.-Cu. SW	7	A.-Cu.	Cu. SW
14	SW	SW	S	SW	SW	NW	103	104.6	154.2	54.3	416.1	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
15	NW	NW	S	S	SW	NW	36.2	69.2	107.8	39.9	253.1	3	Ci.	Cu.	3	Ci.-S.	Cu. W
16	Calm	Calm	SE	S	SW	Calm	20.6	36.7	99.9	32.2	189.4	3	Ci.-S.	Cu.	4	Ci.-S.	Cu.
17	W	Calm	S	S	SW	Calm	28.9	69	129.9	43.9	271.7	3	Ci.	Cu.	3	Ci.	Cu.
18	NW	NW	SE	S	S	NW	27.9	36.2	83.3	36.7	184.1	3	Ci.	Cu.	3	Ci.	Cu.
19	NE	SE	Calm	SE	SW	NW	37	22.1	52.6	34.6	146.3	6	Ci.-S.	Cu.-N. NE	4	Ci.-S.	Cu. SW
20	NW	W	S	SW	W	N	26	56.8	43.9	42.3	169	3	Ci.	Cu.	6	Ci.-S.	Cu.-N. NNE
21	Calm	W	SE	E	SW	N	32.5	60.9	56.1	21.5	171	4	Ci.	Cu. NNE	6	Ci.-S.	Cu.-N. NNE
22	NW	Calm	S	SW	Calm	SW	28.8	95.5	118.3	42.9	285.5	6	Ci.-S.	Cu. NNW	6	Ci.-S.	Cu.-N. NW
23	SW	SW	S	NE	SW	SW	75.3	61.5	95.7	64.8	297.3	5	Ci.-S.	Cu. WNW	9	------------	Cu.-N. WNW
24	SW	SW	S	SW	SW	NW	69.2	117	153.7	26.9	366.8	3	A.-Cu.	Cu. WSW	6	Ci.-S.	Cu. WSW
25	Calm	SW	W	SW	W	SW	57.7	79.5	159	104.9	401.1	4	Ci.-S.	Cu.-N. WSW	5	Ci.-S.	Cu. WSW
26	SW	SW	SW	SW	SW	SW	99.5	151.6	152.3	159.9	563.3	7	------------	Cu.-N. WSW	5	------------	Cu.-N. WSW
27	SW	SW	SW	SW	S	SW	113.6	232.4	233.4	88.1	667.5	6	Ci.-S.	Cu.-N. SW	6	A.-Cu.	Cu. SW
28	SW	SW	S	SW	SW	Calm	89.6	173.1	164.2	44.5	471.4	4	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. WSW
29	SW	SW	S	SW	SW	NW	58.6	121.5	202.1	48.3	430.5	3	Ci.	Cu.	3	Ci.	Cu. WSW
30	SW	SW	S	SW	SW	NW	55.7	35.3	96.4	40.4	227.8	2	Ci.	Cu.	3	------------	Cu.
Mean	------	------	------	------	------	------	97	152.6	169	92.2	510.7	4.6	------------	------------	5.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	15,321.3	----	------------	------------	----	------------	------------

CEBU.[a]

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6. a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.02	59.95	60.48	57.77	58.36	59.97	59.26	26.6	26.4	29.6	31.6	30	28.2	28.7	33.1	24.5	78	81	70	59	68	76	72	------
2	58.89	59.48	60.43	57.96	58.60	60.17	59.26	27	26.8	30	31.3	30.5	28.3	29	32.4	24.8	81	81	69	61	65	74	71.8	0.3
3	59.60	59.93	60.75	58.65	59.32	61.03	59.88	27	26.4	29.5	31	29.5	27.8	28.5	32.2	24.9	80	81	72	62	70	74	73.2	------
4	59.92	60.14	60.92	58.87	58.97	60.67	59.92	27.4	26.5	30.5	30	29	27.3	28.4	32	25.5	77	80	64	62	71	76	71.7	------
5	60.12	60.59	61.22	58.75	59.49	60.83	60.17	26.3	26.7	28.7	33	28.9	27	28.4	33.5	25	82	79	66	51	69	77	70.7	------
6	59.84	60.52	61.13	58.92	59.14	60.33	59.98	26	25.5	29.1	30.3	29.5	27.1	27.9	31.4	24	78	80	72	61	64	76	71.8	------
7	59.47	59.60	60.13	58.25	58.98	60.70	59.52	26.6	26.4	30.5	31	29.6	26.5	28.4	32.1	23.4	78	78	62	61	67	80	71	6.1
8	59.52	60.69	61.21	58.92	60.16	61.19	60.28	26.3	26.4	28.3	30.4	28.2	26.7	27.7	32.5	24.9	82	80	77	65	76	80	76.7	3.6
9	59.97	61.05	61.42	59.22	59.94	60.98	60.43	26.3	26	31	30.6	26.6	26.4	27.8	32	24	80	80	63	65	83	85	76	26.4
10	60	60.35	60.95	58.80	60	60.95	60.18	25.3	25	29.5	30.2	29.3	25.9	27.5	31.9	23.7	88	86	69	64	67	78	75.3	------
11	59.15	59.47	59.88	57.97	58.45	59.94	59.14	26.1	25.3	31.4	30	29.6	26.8	28.2	32	24.4	79	83	62	68	67	78	72.8	------
12	59	59.70	60.07	57.89	58.59	60.05	59.22	25.6	25.7	29.8	30.6	29	26.5	27.9	31.7	23.6	81	79	63	65	68	78	72.3	------
13	59.57	60.50	60.83	58.83	59.43	61.17	60.06	25.8	26.4	30	29.5	29.1	27.3	28	31.2	24.5	78	73	62	61	69	74	69.5	------
14	60.57	61.13	61.57	59.17	59.59	61.17	60.53	26.5	25.8	30	30.5	29	27	28.1	31	24.6	80	78	65	59	64	74	70	------
15	60.12	60.90	61.38	58.73	58.98	60.62	60.12	25.6	25.3	29.5	30	29	27.4	27.8	31.5	23.5	83	83	66	63	68	76	73.2	------
16	59.27	60.69	61.33	58.91	59.49	60.78	60.08	26.4	26.5	29.4	30	28.9	27	28	32.5	25	76	77	68	62	68	76	71.2	------
17	60.20	61.25	61.89	59.26	59.86	61.05	60.58	26.2	26.4	29.5	30.5	29.5	27	28.2	32	24.8	82	79	69	58	64	77	71.5	5.1
18	60.22	60.82	62.07	59.37	59.74	61.07	60.55	26.7	26	28.5	30.5	28.5	27.2	27.9	31.4	24.5	84	84	74	58	70	77	74.5	------
19	60.02	60.44	61.24	58.88	59.69	60.58	60.14	26.7	26.1	31.5	31	29	28	28.7	32.6	24.9	80	82	57	59	71	74	70.5	------
20	59.58	60.88	61.92	59.48	60.24	61.47	60.60	26.3	26.3	29.1	29.5	28.9	27.2	27.9	30.8	24.8	79	79	69	68	70	75	73.3	------
21	60.25	61.20	62.33	59.96	60.48	61.72	60.99	27	26.7	29.5	30.5	28.5	26.6	28.1	31.1	25.4	78	79	68	62	74	81	73.7	------
22	60.53	61.07	61.78	59.95	60.38	60.89	60.77	25.7	25.3	29	30.5	29.8	27.6	28	31	24	83	84	63	57	62	71	70	------
23	59.69	60.40	61.49	59.67	60.78	61.14	60.53	26.8	26.5	30.6	30.5	24.5	26.4	27.6	31.5	23.7	78	80	60	64	92	79	75.5	3.3
24	60.08	60.89	61.67	59.42	60.32	60.78	60.53	26	26.2	30	30.3	27	26.8	27.7	31.1	24	80	77	65	63	77	78	73.3	.5
25	60.02	60.37	61.69	59.83	60.97	61.58	60.74	25.7	25.9	27	27.5	26.6	25.7	26.4	28.5	24	83	83	77	73	74	81	78.5	1.8
26	60.04	60.59	62.04	59.28	59.93	60.88	60.46	26	24.4	27	28.5	27.5	26.7	26.7	30.5	23.3	81	91	76	64	75	79	77.7	11.9
27	59.42	60.66	61.62	59.07	59.85	61.42	60.34	25.8	24.7	25.3	28	27.6	26	26.2	29	23.5	85	90	87	70	73	78	80.5	4.1
28	60.42	61.11	62.36	59.52	60.36	61.61	60.90	26	25	28.7	30	28.2	27.5	27.6	31	23.9	78	83	66	60	70	74	71.8	3
29	60.22	60.84	61.81	59.18	59.54	60.57	60.36	25.7	26.1	29.8	30.3	29	28.1	28.2	31	24.3	84	83	65	59	68	71	71.7	------
30	59.78	60.55	61.69	58.87	59.76	61.42	60.34	25.9	25.5	29.5	30	28.5	25.1	27.4	31	23.8	81	80	68	61	73	89	75.3	5.6
31	60.28	60.80	62.11	59.63	60.18	61.47	60.74	25.5	25.6	29	30.2	28.6	26.3	27.5	30.9	23.8	85	84	66	60	73	82	75	2
Mean	59.83	60.53	61.34	59	59.66	60.91	60.21	26.2	25.9	29.4	30.3	28.6	26.9	27.9	31.5	24.3	80.7	81.2	67.7	62.1	70.6	77.4	73.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	[b]73.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	SE	NE	NE	N	46.7	39	54.9	34.8	175.4	3	------	Cu.	3	------	Cu.
2	Calm	NW	S	S	NE	Calm	21	30.1	49.5	23.4	124	3	------	S.-Cu.	3	------	Cu. NNE
3	W	NW	SE	NE	NE	N	41.2	52	113.8	44.3	251.3	2	Ci.	Cu.	3	Ci.	Cu. NNE
4	N	Calm	E	NE	NE	NW	46.3	37.1	85.3	57.1	225.8	3	Ci.	Cu. NE	5	Ci.-S.	Cu. NE
5	NW	Calm	SE	SE	NE	N	52.2	38.3	77.2	40.7	208.4	3	Ci.	Cu. NE	3	Ci.	Cu. NE
6	N	N	SE	NE	NE	N	39.1	39	96.6	55.5	230.2	2	------	Cu. NE	6	Ci.	Cu. NE
7	N	N	NE	NE	NE	NW	70.3	105.9	130.4	75.6	382.2	3	Ci.	Cu. NE	3	Ci.	Cu. NE
8	NW	NW	Calm	NE	SW	N	48.5	33.4	103.7	42.5	228.1	3	Ci.	Cu. NE	6	Ci.-S.	Cu.-N. NE
9	N	NW	NE	SE	NW	NW	58.1	92.2	68.9	44.3	263.5	2	Ci.	Cu.	8	------	Cu.-N. NNE
10	Calm	NW	ESE	NNE	NW	NW	30.8	52.5?	68.9?	44.1	196.3	----	------	------	----	------	------
11	Calm	Calm	NE	NW	NE	Calm	29.5	53.1	83.1	31.8	197.5	2	Ci.	Cu.	6	Ci.-S.	Cu. N
12	NW	N	NE	NE	NE	N	44.5	72.7	109.2	60.4	286.8	2	Ci.	Cu.	4	Ci.	Cu. N
13	N	NW	NE	NE	NE	NW	42.6	95.7	119.9	47	305.2	2	Ci.	Cu.	4	Ci.	Cu. N
14	NW	NW	NE	NE	NE	N	53.6	126.7	132.5	64	376.8	2	Ci.	Cu.	3	Ci.	Cu. N
15	N	NW	NE	NE	NE	N	64.9	73.5	121.5	67.6	327.5	2	Ci.	Cu.	3	Ci.	Cu. NE
16	NW	N	SE	NE	NE	N	57.1	46.6	107.9	60.7	272.3	3	Ci.	Cu. N	3	Ci.	Cu.
17	NW	NW	NE	NE	NE	N	54.6	72.5	119.1	59.4	305.6	2	Ci.	Cu.	2	------	Cu.
18	NW	N	NE	NE	NE	N	56.2	94.3	135.9	65.2	351.6	6	------	Cu.-N. NE	2	------	Cu. NE
19	N	NW	E	NE	N	NW	62.8	51.8	97.6	45	257.2	2	Ci.	Cu. NE	3	------	Cu. NE
20	NE	N	NE	NE	N	N	61.9	91.6	89.7	59.2	302.4	3	------	Cu. NE	3	Ci.	Cu.
21	N	NW	NE	NE	NE	N	49.6	59	141.5	77.4	327.5	2	Ci.	Cu.	3	Ci.	Cu. ENE
22	NW	NW	NE	NE	NE	N	67	88.5	114	65.7	335.2	2	------	Cu. NE	2	------	Cu. ENE
23	N	N	NE	NE	NE	N	54.3	98.2	129.9	74	356.4	2	Ci.	Cu. ENE	7	------	Cu. ENE
24	N	N	NE	NE	N	N	69.7	119	118.5	97.6	404.8	2	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
25	N	N	NE	NE	N	N	113.3	167.4	149	68.9	498.6	5	Ci.-S.	Cu. ENE	7	------	Cu.-N. ENE
26	SW	W	NE	NE	NE	NW	46.8	69.9	114.3	46.7	277.7	8	------	Cu.-N. ENE	8	------	Cu.-N. ENE
27	NE	NE	NE	NE	N	N	42.8	70.6	105.7	57.9	277	9	------	Cu.-N. ENE	7	------	Cu.-N. ENE
28	NW	Calm	NE	NE	N	N	50.4	76.9	94.4	53.4	275.1	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
29	N	NE	NE	NE	NE	NE	63.3	102.6	146.4	125.7	438	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
30	N	NW	NE	NE	NE	NE	59.4	78.3	112.1	72.7	322.5	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
31	NW	N	NE	NE	NE	N	38.3	79.1	110	49.4	276.8	3	------	Cu. ENE	3	A.-Cu.	Cu. ENE
Mean	------	------	------	------	------	------	52.8	74.4	106.5	58.5	292.2	3.1	------	------	4.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,057.7	----	------	------	----	------	------

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[a] The pressure, temperature and relative humidity on October 10, have been taken from a self-recording instrument.
[b] 30 days of observation.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.63	61.09	62.11	59.91	60.88	61.79	61.07	25.8	26	28.6	29.5	28	27	27.5	30.5	24.6	84	84	73	66	77	78	77	------
2	60.79	60.94	61.91	59.53	59.98	61.48	60.77	25.9	25.4	29.3	30	27.5	26.2	27.4	31.6	24.3	83	84	65	67	75	79	75.5	------
3	60.32	60.68	59.96	58.31	59.13	60.30	59.78	25.5	25.8	29	29.5	26.8	26.4	27.2	31	23.5	80	78	68	63	80	79	74.7	------
4	59.68	60.25	61.08	58.76	59.52	61.03	60.05	26	26.3	29	29.9	28.5	27	27.8	30.5	24.4	80	80	71	65	72	78	74.3	11.4
5	59.48	60.58	61.42	58.98	59.51	60.70	60.11	26	24.8	29.8	29.7	28	26.9	27.5	31.5	23.5	85	88	66	67	77	74	76.2	------
6	59.47	59.99	60.53	58.37	58.46	59.89	59.45	26.1	26	28.7	31	28.5	27.3	27.9	31.9	24.5	82	82	69	58	70	75	72.7	------
7	58.93	59.60	60.17	58.11	58.28	59.69	59.13	26	25.5	29	30	29.2	27.1	27.8	31	24.4	82	83	69	63	66	76	73.2	------
8	58.74	59.52	59.89	57.84	58.29	59.79	59.01	26.2	26	30	30.5	28.9	27	28.1	31.5	24.8	82	84	66	62	68	78	73.3	------
9	58.89	59.22	60.09	58.09	58.94	60.13	59.23	25.6	25.7	29.1	30.5	28.5	26.7	27.7	31	24.5	87	84	69	62	73	75	75	------
10	58.65	59.53	59.94	57.84	58.36	59.39	58.95	25.2	26	29.5	30.3	28.2	27.2	27.7	31.8	23.9	82	78	66	62	72	75	72.5	7.1
11	58.62	59.05	59.42	57.01	57.69	59.14	58.49	26.5	26.2	29.3	30	28.4	27.3	28	30.9	22.8	80	82	66	61	71	77	72.8	------
12	58.54	59.09	59.87	57.42	57.91	59.22	58.68	26	26.2	29.5	30	29	27	28	31	24.5	82	79	68	65	67	77	73	------
13	58.87	59.32	60.08	57.62	58.34	59.97	59.03	26	26.2	29.5	30.4	29	27.5	28.1	31.1	24.5	82	79	70	64	71	75	73.5	------
14	59.19	60.05	60.39	57.51	58.29	59.87	59.22	26.3	26.6	29.3	30.1	29	27.4	28.1	31	24.5	81	77	69	65	73	77	73.7	------
15	58.47	58.94	59.69	57.44	58.28	60.09	58.82	26.9	26.7	29.5	30	29.5	25.5	28	31.2	24	80	79	69	65	65	84	73.7	------
16	58.68	58.97	59.49	56.91	57.49	58.89	58.40	25.6	25.8	29	30	28.1	27.1	27.6	31	24	83	81	66	62	73	76	73.5	3
17	58.05	58.72	59.41	57.12	57.83	59.22	58.39	26.3	25.4	29.5	29.5	28.1	27.1	27.6	30.7	24.4	79	84	64	68	76	79	75	------
18	58.21	58.87	59.86	57.61	58.69	59.96	58.87	26.5	26	29.3	30	28.5	27.8	28	31.5	24.7	81	82	67	65	69	75	73.2	------
19	59.14	59.42	60.47	58.33	59.21	60.36	59.49	26.7	26	29.5	30.4	28.5	27.8	28.2	31.1	24.6	81	82	68	64	74	77	74.3	------
20	59.27	59.78	61.04	58.56	59.06	60.44	59.69	27	26.2	29	30.6	29.7	28.1	28.4	31.6	25.1	79	82	69	62	69	76	72.8	------
21	59.85	60.29	60.89	58.46	58.89	60.22	59.77	27.2	26	30.3	31	29	27.2	28.4	32.5	24.9	81	84	66	61	69	80	73.5	------
22	59.43	59.88	60.88	58.72	58.94	60.31	59.69	27.9	26.2	30	30.1	28.5	27.5	28.4	31.9	24.9	76	82	65	66	71	79	73.2	------
23	59.72	60.12	60.88	59.13	59.09	60.16	59.85	26.8	26	29.5	30	28.5	27	28	31.1	24.5	80	82	64	63	70	80	73.2	------
24	59.19	59.97	60.39	57.86	58.59	60.14	59.36	26.7	26.6	27.8	30.4	28.6	26	27.7	31.5	24.2	80	81	77	65	73	88	77.3	3.8
25	58.88	58.96	59.47	57.87	58.79	60.12	59.02	25.2	25.5	29.4	31	29	28.1	28	31.9	24.1	88	88	70	61	72	77	76	5.1
26	58.15	58.09	53.97	57.56	59.43	60.44	57.94	27.3	25.3	-----	25.4	26	26.2	26	27.9	23.2	76	89	-----	88	88	82	84.6	11.7
27	59.88	60.12	61.06	58.72	59.34	60.48	59.93	26.2	26	29	30.4	29	27.3	28	31	24.8	82	84	71	63	71	80	75.2	------
28	59.70	60.11	60.56	57.82	58.22	59.41	59.30	26.7	26	28.6	29.6	29.3	27.4	27.9	30.1	24.8	79	80	66	68	66	78	72.8	1.5
29	58.56	58.90	59.74	57.96	58.91	60.24	59.05	26	24.6	29.2	29.6	28.5	27.8	27.6	30.3	23.2	84	85	66	64	70	75	74	------
30	59.15	58.85	60.39	58.38	59.17	60.03	59.33	26.1	26	29.5	29	28.3	27	27.6	32	24.5	80	80	64	68	72	77	73.5	------
Mean	59.17	59.63	60.17	58.12	58.78	60.10	59.33	26.3	25.9	29.3	29.9	28.5	27.1	27.8	31.1	24.3	81.4	82.2	67.8	64.8	72	77.9	74.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	43.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	N	N	55.2	88.5	115.9	80.5	340.1	3	Ci.	Cu. ENE	5	------------	Cu. ENE
2	N	N	NE	NE	N	N	74.3	122.8	136.8	61.9	395.8	2	------------	S.-Cu.	3	Ci.	Cu. ENE
3	NW	N	NE	NE	N	N	57.6	108.1	124.7	66.8	357.2	2	------------	S.-Cu.	6	------------	Cu. ENE
4	N	N	NE	NE	N	N	67.6	64.4	62.4	47.5	241.9	2	------------	Cu. ENE	6	------------	Cu.-N. ENE
5	NW	N	E	NE	N	N	44.3	53.3	84.5	50.2	232.3	6	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
6	N	NW	NE	NE	N	N	57.8	87.5	92.5	78.5	316.3	2	Ci.	Cu.	2	Ci.	Cu. ENE
7	N	N	NE	NE	NE	N	64.1	104.9	104	69	342	2	Ci.	Cu.	2	Ci.	Cu. ENE
8	N	N	NE	NE	NE	N	66.1	86	111.7	52.5	316.3	3	------------	Cu. ENE	3	Ci.	Cu. ENE
9	N	N	NE	NE	NNE	N	52.3	78.9	94.5	67	292.7	2	------------	Cu. ENE	7	------------	S.-Cu. ENE
10	N	N	NE	NE	N	N	49.1	104.1	118.8	72.4	344.4	3	Ci.	Cu. ENE	3	------------	Cu. ENE
11	N	N	NE	NE	N	N	61.5	99.6	120.9	80.1	362.1	4	------------	Cu. ENE	3	------------	Cu. ENE
12	N	NW	NE	NE	NE	N	60.9	89.3	117.5	38.3	306	3	------------	Cu. ENE	2	------------	Cu. ENE
13	NW	N	NE	NE	NNE	N	61.5	78.3	110	61.2	311	2	------------	Cu. ENE	3	Ci.	Cu. ENE
14	N	NW	NE	NE	NE	N	62.2	81.2	123.6	67.9	334.9	2	------------	Cu. ENE	3	------------	Cu. ENE
15	N	Calm	NE	NE	NE	NW	46.7	95.9	127.7	86.9	357.2	3	------------	Cu. ENE	3	------------	Cu. ENE
16	N	NW	NE	NE	N	N	78.3	94	108.6	82.1	363	2	------------	Cu. ENE	3	------------	Cu. ENE
17	N	N	NE	NE	N	N	71.3	106.5	125	70.1	372.9	3	------------	Cu. ENE	3	------------	Cu. ENE
18	N	NW	NE	NE	NNE	N	58.4	88.3	106.2	73	325.9	3	------------	Cu. ENE	4	------------	Cu. ENE
19	N	N	NE	NE	N	N	52.3	95.7	140.7	72.7	361.4	2	------------	Cu. ENE	3	------------	Cu. ENE
20	N	NW	NE	NE	NE	N	65.4	92.5	110.5	72.7	341.1	2	------------	Cu. ENE	2	------------	Cu. ENE
21	N	NW	NE	NE	N	N	54.3	93.8	120.3	73.7	342.1	2	------------	Cu. ENE	3	Ci.	Cu. ENE
22	N	NW	NE	NE	N	NE	53.9	122.3	118.6	118	412.8	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
23	N	N	NE	NE	NE	N	80.5	107	118.1	52.5	358.1	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
24	NW	Calm	S	NE	N	N	29.2	64.3	124.2	55	272.7	7	------------	Cu.-N. ENE	4	Ci.-S.	Cu. ENE
25	N	W	NE	NE	NE	NE	58.9	97.4	123	81	360.3	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
26	N	Calm	NW	SE	NE	N	32.7	235.6	90.4	55.4	414.1	9	------------	N. NE	8	------------	Cu.-N. ESE
27	N	N	NE	NE	NNE	N	47.3	76.1	82.4	86.8	292.6	3	Ci.	Cu. ESE	3	Ci.	Cu. E
28	N	NW	NE	NE	NE	N	75	122.3	149.4	102.2	448.9	2	Ci.	Cu. E	3	Ci.	Cu. ENE
29	N	N	NE	NE	NE	N	58.4	101.4	115.8	73.5	349.1	2	------------	Cu. ENE	6	A.-Cu.	Cu. E
30	N	N	NE	NE	NE	N	43.9	91	108.6	96.2	339.7	3	Ci.	Cu. ENE	8	------------	S.-Cu. ENE
Mean	------	------	------	------	------	------	58	97.7	112.9	71.5	340.2	3	------------	------------	3.9	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	10,204.9	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.39	59.92	60.26	58.33	59.11	60.75	59.63	26	26	29.6	30.5	28.5	26.1	27.8	31.1	25	82	82	66	58	74	79	73.5	------
2	59.57	60.10	60.69	58.35	59.31	60.82	59.81	26.3	26	29.5	30	28.1	25.5	27.6	30.7	24.4	80	80	68	64	74	88	75.7	8.6
3	59.54	60.05	60.61	58.13	59.07	59.98	59.56	26	25.8	29.7	31.1	28	26.7	27.9	32	24.8	84	85	69	56	75	81	75	------
4	58.89	59.15	60.06	58.13	58.87	59.79	59.15	26	25.7	29.6	29.9	28.5	26.5	27.7	31.5	24.1	84	82	67	64	74	81	75.3	------
5	58.73	59	59.84	57.48	59.11	59.99	59.02	26	26	30.4	30	28	26.5	27.8	32.5	25	83	84	66	70	80	84	77.8	------
6	59.25	59.49	59.79	57.99	59.09	59.89	59.25	26	25.5	29.5	31.2	29	27.5	28.1	31.9	24.5	84	84	69	63	72	81	75.5	------
7	59.49	59.52	60.14	57.88	58.69	60.04	59.29	26.2	25.8	29.5	30	29.3	24.3	27.5	31.5	22	82	84	68	68	68	89	76.5	24.7
8	58.75	59.08	59.80	57.64	58.14	59.42	58.80	25.2	25	27.9	28.2	27.5	25.8	26.6	29	23.2	82	85	75	69	76	89	79.3	11.9
9	58.78	59	59.67	57.89	58.44	59.62	58.90	24.6	24.8	27.4	29	27.7	26.3	26.6	29.5	23.2	88	86	74	68	75	82	78.8	3
10	58.97	59.29	59.74	57.72	58.69	59.15	58.93	26.2	24.9	27.5	28.5	27.5	26.6	26.9	29.5	23.3	80	89	77	67	73	80	77.7	12.7
11	58.57	58.89	60.08	57.69	58.68	59.48	58.90	24.6	24.8	27.3	28	26.5	26.2	26.2	28.8	23.1	91	87	71	70	80	80	79.8	------
12	58.37	58.50	60.29	58.09	59.04	59.99	59.05	26	25.7	28	27.5	27	26.4	26.8	28.5	24.5	81	83	79	81	81	79	80.7	6.6
13	59.43	59.59	60.72	58.59	59.24	60.83	59.65	24.7	25.7	28.5	29.5	27.5	26.2	27	30.2	23.1	89	81	69	64	77	76	76	------
14	59.96	60.09	61.22	58.94	59.22	60.59	60	24.9	25	28.5	29.2	28	27.2	27.1	30	23.3	83	78	60	57	66	73	69.5	1
15	59.65	60.14	60.88	59.22	59.73	61.05	60.11	25.5	24.2	28	29	27	26.1	26.6	29.7	23.2	81	90	63	58	70	76	73	------
16	60.44	61.80	62.27	60.13	60.60	61.79	61.17	25	25.2	29.2	30	26.5	26.8	27.1	31.4	23.4	81	78	63	65	80	80	74.5	------
17	60.90	62.03	62.41	60.48	60.82	61.58	61.37	25.5	25.2	28.5	30.5	28	26.1	27.3	30.8	23.9	82	82	67	59	70	78	73	------
18	60.56	61.34	62.46	59.87	60.37	60.68	60.88	25	25	28.9	29.8	28.3	27.3	27.4	31	24	83	82	62	56	68	73	70.7	------
19	59.69	60.12	60.91	59.18	59.82	60.59	60.05	25.8	25.3	29.2	29.5	28.3	27	27.5	31.5	23.4	75	79	63	68	75	76	72.7	------
20	59.05	59.93	60.33	58.01	59.29	59.82	59.40	26.4	25.6	30.4	30	29	28.4	28.3	31.1	24.5	77	82	65	68	71	72	72.5	9.7
21	59.08	59.42	60.47	57.87	59.01	59.74	59.26	26.9	26.2	27.5	29	28.5	26.7	27.5	30.5	23.7	82	81	82	72	74	77	78	------
22	58.89	59.37	60.41	58.31	59.18	59.57	59.29	26	26	29	30	28.5	26.3	27.6	30.4	24.6	81	80	67	59	67	79	72.2	------
23	59.10	60.20	61.16	59.32	59.91	61.14	60.14	25.6	25.3	30.1	32	28.1	26.5	27.9	32.4	23.3	81	79	64	56	73	75	71.3	------
24	60.23	60.59	61.62	59.72	60.55	61.94	60.78	26	25.4	28	28	27.5	26.6	26.9	29	24.5	80	84	70	70	73	77	75.7	.5
25	61.11	61.64	62.48	60.72	60.82	62.19	61.49	25.3	26	28	29	28	25.8	27	30	24	85	80	69	61	67	78	73.3	------
26	61	61.58	62.42	60.14	60.79	61.43	61.23	24.7	23.5	29	29.5	27	26.3	26.7	30.2	22.5	82	84	65	64	77	82	75.7	1.3
27	60.76	61.53	62.72	60.54	60.52	61.19	61.21	25	25	28.5	29.5	28	26.8	27.1	30	23.9	85	83	69	57	67	74	72.5	.3
28	60.46	61.11	62.07	59.78	60.29	61.42	60.86	25	24	27.1	29.2	26.7	25.2	26.2	29.9	22.7	81	87	71	63	71	77	75	1
29	60.38	61.21	61.57	58.36	58.87	60.02	60.07	25.3	23.7	27.9	29.5	27.5	25.3	26.5	30.4	22.5	76	90	71	61	66	81	74.2	------
30	59.34	59.94	60.72	58.61	59.54	60.64	59.80	24.8	24	28	29	28	26	26.6	29.5	22.9	83	87	63	68	68	80	74.8	------
31	60.08	61.14	61.58	59.74	60.28	61.02	60.64	26	25	28.5	29.5	28.4	26.7	27.4	31.5	23.9	79	82	64	61	68	77	71.8	------
Mean	59.63	60.15	60.95	58.80	59.52	60.50	59.93	25.6	25.2	28.7	29.5	27.9	26.4	27.2	30.5	23.7	82.2	83.2	68.3	64	72.6	79.2	74.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	81.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	NE	NE	NE	N	62.4	92.9	103.8	67.9	327	4	Ci.	Cu. ENE	3	------------	Cu. ENE
2	N	N	NE	NE	NE	NW	68.9	89.6	131.2	73.5	363.2	2	------------	Cu. ENE	5	------------	Cu. ENE
3	N	N	NE	NE	N	N	74.8	70.8	111	58.4	315	3	------------	Cu. ENE	3	Ci.	Cu. ENE
4	N	Calm	NE	NE	N	N	32.7	46.2	80.5	40.4	199.8	3	------------	Cu. ENE	4	Ci.	Cu. ENE
5	N	Calm	E	NE	NE	N	50.3	33.8	101.7	41	226.8	3	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
6	N	N	NE	NE	NE	N	39.6	111	106.5	79.2	336.3	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	N	N	NE	NE	NE	NE	106.2	81.5	114.1	71.3	373.1	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
8	NW	Calm	NE	NE	N	NE	50.1	90.3	57.9	52.3	250.6	8	------------	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
9	Calm	N	NE	NE	NNE	N	45.9	101.4	125.5	54.1	326.9	7	------------	Cu.-N. ENE	5	Ci.-S.	Cu. ENE
10	N	N	NE	NE	NNE	NE	73.9	82.1	119.9	66	341.9	7	Ci.-S.	Cu.-N. ENE	7	------------	S.-Cu. ENE
11	N	N	NE	NE	NNE	NW	86.6	98.6	120.3	72.1	377.6	9	------------	Cu.-N. NE	7	A.-Cu.	Cu. NE
12	N	N	ENE	NNE	N	N	52.6	105.7	78.9	67.9	305.1	7	------------	Cu.-N. ENE	8	------------	Cu.-N. ENE
13	N	N	NE	NE	NNE	NE	80.2	136.8	127.1	116.8	460.9	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
14	N	N	NE	NE	NNE	NE	77.1	136.8	108.3	93.7	415.9	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
15	N	N	NE	NE	N	N	84.7	109.4	92.7	75.3	362.1	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
16	N	NW	NE	NE	N	E	65.7	86.1	114.5	73.3	339.6	2	Ci.	Cu. ENE	8	------------	S.-Cu. ENE
17	N	N	NE	NE	NE	N	66	108.6	102.2	35.9	312.7	2	------------	Cu. ENE	3	------------	Cu. ENE
18	N	N	NE	NE	NW	N	62.7	85	132	67.6	347.3	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19	N	N	NE	NE	Calm	N	73.9	81.8	106.9	60.2	322.8	2	Ci.	Cu.	6	------------	Cu.-N. NE
20	N	N	NE	NE	N	N	59.5	94.5	125.5	65.2	344.7	2	Ci.	Cu. NE	5	Ci.	Cu. NNE
21	N	Calm	NE	NE	N	N	39.6	72.4	100.4	64.9	277.3	8	------------	Cu.-N. NE	3	Ci.	Cu. NE
22	N	N	NE	NE	N	N	54.3	83.7	89.8	66	293.8	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
23	N	NW	NE	SE	NE	N	54.3	53.9	73.7	73.5	255.4	2	Ci.	Cu.	3	Ci.	Cu.
24	NW	N	NE	NE	N	N	60.9	121	133.6	90.1	405.6	2	Ci.	Cu. ENE	6	------------	S.-Cu. ENE
25	N	NE	NE	NE	NNE	N	76.9	149.9	111	82	419.8	5	------------	Cu.-N. ENE	3	Ci.	Cu. ENE
26	NW	Calm	NE	NE	NE	N	48.6	89.3	164.8	69.5	372.2	3	------------	S.-Cu. ENE	7	------------	Cu. ENE
27	N	N	NE	NE	N	NE	77.9	133.6	121.5	81	414	3	------------	S.-Cu. ENE	2	------------	Cu. ENE
28	N	N	NE	NE	N	NW	88.5	119.5	106.2	65	379.2	5	Ci.-S.	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
29	N	Calm	NE	NE	NNE	N	59.4	84.9	166.8	82.8	393.9	2	------------	Cu. ENE	3	Ci.	Cu. ENE
30	N	N	NE	NE	NE	N	70.3	108.7	129.7	74	382.7	3	Ci.	Cu. ENE	5	A.-Cu.	Cu. ENE
31	N	N	NE	NE	NE	NE	56	82.4	120.3	79.3	338	2	------------	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
Mean	-----	-----	-----	-----	-----	-----	64.5	94.9	112.2	69.7	341.3	3.7	------------	------------	4.4	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,581.2	---	------------	------------	---	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.37	63.16	63.21	60.90	62.03	63.14	62.47	23.5	23.5	27.4	24.6	24.8	24.5	24.7	28.5	23	92	91	70	95	90	92	88.3	11.2
2	61.93	62.17	62.65	60.55	61.80	62.97	62.01	23.5	23.7	27.8	29	27	24.7	26	29.3	23	96	93	71	64	73	86	80.5	1.3
3	62.17	62.56	63.58	61.19	62.44	63.49	62.57	24.2	24.1	27.7	29.1	27.6	24.2	26.2	29.5	23	90	89	68	57	62	89	75.8	------
4	62.63	62.84	63.81	61.93	62.93	63.93	63.01	23.5	23.1	26.1	26.1	23.1	22.8	24.1	26.6	22.4	94	90	73	75	95	95	87	6.1
5	63.39	63.42	64.15	61.73	62.37	63.43	63.08	23.4	23.2	27.6	29	27	24.5	25.8	29.1	22.6	90	87	66	52	63	79	72.8	------
6	62.31	63.38	64.08	61.49	62.76	63.93	62.99	23.8	23.1	27.2	29.6	26.9	23.5	25.7	29.6	22.2	86	86	71	52	60	83	73	------
7	63	63.20	64.23	61.67	62.93	64.10	63.19	22.4	22.1	27.6	28.1	26.6	23.5	25	28.9	20.9	89	90	62	62	71	80	75.7	------
8	63.32	63.99	65	62.91	63.76	64.79	63.96	22.5	22.5	28.5	28.9	26.1	24	25.4	29	22	85	83	57	55	67	80	71.2	------
9	64.53	65.12	65.88	63.72	64.48	65.30	64.84	23	23.1	27	26.7	25.3	22.5	24.6	28	22.2	83	82	66	61	66	82	73.3	------
10	64.65	64.93	65.82	63.38	64.10	64.96	64.64	22.4	21.5	26.5	26.8	25.1	22.4	24.1	27.5	21	79	87	57	61	67	75	71	------
11	64.24	63.90	64.48	61.57	62.10	62.77	63.18	20.8	20	25	27.6	24.9	21.4	23.4	28.5	19.5	79	78	63	56	63	85	70.7	------
12	61.97	62.02	62.41	61.28	60.77	61.38	61.64	22.2	22.1	26	24	24.1	23.6	23.7	26.4	20.7	82	82	69	87	86	91	82.8	1.5
13	60.89	61.53	61.92	59.67	60.36	61.25	60.94	23.7	23.6	26.2	28.8	27.9	24.6	25.8	29.4	23.2	94	95	82	66	64	85	81	------
14	60.97	61.42	62.02	59.90	61.09	61.82	61.20	24.2	23.1	28	30.1	28.1	24.5	26.3	30.5	22.9	86	94	68	52	60	81	73.5	------
15	61.27	62.33	62.72	59.97	61.42	62.20	61.65	23.6	23.1	27.4	28.6	26.8	24.4	25.6	29	22.8	88	90	68	59	67	78	75	------
16	61.73	62.46	62.75	61.03	61.98	62.38	62.06	23.2	22.5	25.6	27.5	24.6	23.6	24.5	28.2	22	81	86	71	67	82	85	78.7	------
17	61.83	62.71	63.23	60.86	61.83	62.68	62.19	24	22.5	27.5	28.5	26.8	23.5	25.5	29.9	22	83	87	66	60	71	85	75.3	1.3
18	61.77	62.12	63.25	60.71	60.95	61.85	61.78	22.6	22.3	27.4	28.2	27	25.2	25.4	29.5	21.9	88	88	67	65	70	79	76.2	------
19	60.57	61.08	61.42	58.45	60.22	61.31	60.51	23.8	24	28	28.2	26.5	23.6	25.7	29	23.2	87	85	68	62	72	85	76.5	------
20	60.62	60.58	61.43	58.72	59.91	60.75	60.34	23.6	22.6	28	28.7	26.6	24.6	25.7	29.5	22.4	85	87	63	65	78	87	77.5	------
21	59.68	59.73	60.95	58.68	59.94	60.92	59.98	24.4	24.1	27.7	29.1	26.7	24.6	26.1	29.5	23.7	88	91	70	60	74	87	78.3	------
22	60.29	60.52	61.26	59.45	60.14	61.53	60.53	24.2	23.6	28.5	28.5	26.8	24.5	26	29.4	23.3	85	85	60	61	73	84	74.7	------
23	60.61	60.64	61.06	59.56	60.66	61.93	60.74	23.3	23	27.6	28.5	24.6	23.8	25.1	29.5	22.1	87	87	66	60	87	85	78.7	------
24	60.86	60.81	61.77	59.45	59.88	60.87	60.61	23.8	23.6	28.2	28.7	26.4	24.8	25.9	29.9	22.4	83	82	59	58	73	75	71.7	------
25	60.13	60.46	61.28	59.16	59.76	60.56	60.22	23.6	22.6	27.5	28.6	26.6	24	25.5	28.9	22.1	80	78	56	53	61	70	66.3	------
26	60.27	60.63	61.42	59.98	60.97	62.13	60.90	22.8	23	25.5	26.1	25	23.8	24.4	26.7	22.4	78	79	71	72	80	86	77.7	------
27	61.32	61.28	61.60	59.92	60.17	61.65	60.99	23.4	23.8	28.2	28.1	26.6	24.6	25.8	29.1	23	88	89	63	63	73	82	76.3	------
28	61.13	61.53	61.83	59.07	59.81	60.81	60.70	23.4	22.6	27.5	28	26.1	23.5	25.2	28.5	22.3	83	86	60	66	68	79	73.7	------
29	60.49	60.79	61.41	59.08	59.56	60.88	60.37	22.5	21.8	26.8	28.1	26.6	23.3	24.8	28.5	21.4	85	88	60	51	56	76	69.3	------
30	60.43	60.31	61.08	59.02	59.64	60.92	60.23	22.2	22.2	27.7	29.3	27.3	25.2	25.6	30.1	21.7	86	86	66	62	70	83	75.5	------
31	60.55	61.02	61.71	59.03	60.01	61.25	60.60	24.8	24.6	28	29.7	27.1	24.2	26.4	30.2	24	85	82	61	54	65	75	70.3	.5
Mean	61.67	62.02	62.69	60.45	61.32	62.32	61.75	23.3	22.9	27.3	28.1	26.2	23.9	25.3	28.9	22.3	86	86.5	65.7	62.4	71.2	82.7	75.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	21.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NNE	Calm	N	N	113.3	83.9	71.4	83.7	352.3	2	------------	Cu.	10	Ci.-S.	Cu.-N.
2	N	N	NE	NE	NE	N	84.7	151.8	179.5	115.3	531.3	5	Ci.	Cu.	8	Ci.-S.	Cu.
3	N	N	NE	NE	NE	N	126.1	149.1	176.9	132.3	584.4	7	Ci.	Cu.	5	Ci.	Cu.
4	N	NE	NE	NE	N	N	140.6	162.1	174.1	125.8	602.6	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
5	N	N	NE	NE	NE	N	116.1	157.9	168.4	98	540.4	9	Ci.-S.	Cu.-N.	6	Ci.	Cu.
6	N	N	NE	NE	NE	N	108.4	131	159.3	82.6	481.3	6	Ci.	Cu.	2	------------	Cu.
7	N	N	NE	ENE	NE	NE	71.6	122.8	167.1	82.7	444.2	4	Ci.	Cu.	2	------------	Cu.
8	N	N	NE	NE	NE	N	104	148.9	174	114.3	541.2	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
9	N	N	NE	NE	NE	N	119.7	188.9	253.2	165.3	727.1	5	Ci.	Cu.	6	Ci.	Cu.
10	N	N	NE	NE	NE	N	136.2	170.2	195.1	102.4	603.9	5	Ci.	Cu.	7	Ci.	Cu.
11	N	N	NE	NE	NNE	N	111.5	134.9	155.3	107.6	509.3	4	Ci.	Cu.	3	------------	Cu.
12	NE	N	NE	NE	N	N	103.5	144.3	119.6	144	511.4	4	Ci.	Cu.	10	Ci.-S.	Cu.-N.
13	N	N	NE	NE	NE	N	72.6	110.2	122.9	89.9	395.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14	N	N	NE	NE	NE	N	72.1	115.6	144.2	97.1	429	7	Ci.	Cu.	6	Ci.	Cu.
15	N	N	NE	NE	NE	N	115.6	155.9	178.4	123.4	573.3	4	Ci.	Cu.	6	Ci.	Cu.
16	N	NE	NE	NE	N	N	125.5	155	167.9	106	554.4	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
17	N	N	NE	NE	NE	N	125.3	159.8	185.1	137.1	607.3	2	------------	Cu.	5	Ci.	Cu.
18	N	N	NE	N	NE	N	116.9	154.5	143.5	114	528.9	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
19	N	N	NE	ENE	NE	N	98.8	151.1	178.9	95.2	524	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
20	NE	N	NNE	NE	N	N	101.2	145.4	149.7	107	503.3	7	Ci.	Cu.	8	Ci.-S.	Cu.
21	N	N	NE	NE	N	N	114.3	146.6	173.4	127.1	561.4	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
22	N	N	NE	ENE	E	N	129	179.8	200.1	110.2	619.1	8	Ci.-S.	Cu.	6	Ci.	Cu.
23	N	N	NE	NE	NE	N	124.4	182.1	197.7	135.4	639.6	9	Ci.-S.	Cu.	8	Ci.	Cu.
24	N	N	NE	NE	N	N	140.6	181.4	191.1	128.5	641.6	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
25	N	N	NE	NE	NE	N	126.5	196.1	206.3	131.4	660.3	8	Ci.	Cu.	4	Ci.	Cu.
26	N	N	NNE	N	N	N	127.9	154.3	177.9	137.6	597.7	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	N	N	NE	NE	N	N	128.9	157.2	166.8	124.7	577.6	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
28	N	N	NE	ENE	NE	N	109.7	160.1	204.1	112.9	586.8	6	Ci.	Cu.	6	Ci.	Cu.
29	N	N	NE	NE	NE	N	106.8	146.2	178.7	96.6	528.3	4	Ci.	Cu.	4	Ci.	Cu.
30	N	N	NE	NE	NE	N	102.5	146.7	167.1	118.3	534.6	2	------------	Cu.	8	Ci.-S.	Cu.-N.
31	N	N	NE	NE	NE	N	116.4	161.6	179.2	91.9	549.6	9	Ci.-S.	Cu.-N.	6	Ci.	Cu.
Mean	------	------	------	------	------	------	112.6	151.8	171.2	114.1	549.7	6.2	------------	------------	6.7	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	17,041.8	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.35	60.48	61.01	59.15	59.89	60.78	60.28	24	22.7	27.6	29	26.8	23.8	25.6	29.3	22.4	81	85	63	48	60	77	69	------
2	59.83	59.97	60.83	58.77	59.21	60.52	59.86	22.2	22.2	27.9	28.6	27.2	23.6	25.3	29.5	21.5	86	89	62	51	59	81	71.3	------
3	60.31	61.14	61.62	59.12	59.67	61.40	60.54	23	22.5	28	28.5	27.7	23.5	25.5	29.4	21.9	84	86	60	60	55	79	70.7	------
4	60.26	60.49	60.90	58.82	59.52	60.57	60.09	22.8	22.2	28.4	29.9	27.7	25.5	26.1	30.1	21.9	83	88	61	48	60	71	68.5	------
5	60.01	60.41	61.63	59.65	59.66	60.91	60.38	23.6	24	28	29	27.1	24.2	26	29.2	23.4	83	81	58	53	61	80	69.3	------
6	60.05	60.82	62.10	59.84	60.20	61.80	60.80	23.2	22.6	27.5	29.6	27.1	23	25.5	30.5	22	86	89	60	49	62	79	70.8	------
7	60.41	60.63	61.50	59.07	59.65	61.26	60.42	22.2	21.6	26.8	28.7	26.6	23	24.8	29.6	21.1	82	87	62	50	55	78	69	------
8	60.54	61.18	62.45	60	60.22	61.92	61.05	22.5	22.1	26.5	29.5	26.5	23.2	25	30.1	21.8	80	82	66	52	65	75	70	------
9	60.93	61.36	62.52	60.21	60.90	62.12	61.34	21.2	20.6	27.5	28.6	27.2	23.4	24.8	29.8	20.2	84	90	63	54	59	76	71	------
10	61.49	61.65	62.16	59.53	59.85	61.12	60.97	22.2	21.8	27.4	28.8	26.4	23.5	25	29.1	21.5	85	88	64	56	70	79	73.7	------
11	60.89	61.65	62.47	60.18	60.45	62.51	61.36	22.2	21.8	27.2	29.1	27.1	24.2	25.3	29.5	21.4	84	88	59	51	61	81	70.7	------
12	61.83	61.83	62.72	60.77	61.17	63.50	61.97	23.2	22.7	28.1	29.5	27.5	24.2	25.9	30.1	22.4	86	89	63	54	61	80	72.2	------
13	62.41	62.56	63.87	61.48	62.11	63.21	62.61	23.4	22.6	27.2	28	26.8	23.5	25.2	28.5	22.3	84	87	61	54	60	76	70.3	------
14	62.39	62.72	63.40	61.21	62.17	63.83	62.62	22.8	21.6	26.6	28.1	25.6	22.2	24.5	29.4	21.2	79	87	65	59	67	85	73.7	------
15	62.53	62.49	62.93	61.09	61.69	62.32	62.18	22.3	22.8	27.7	29.1	27.1	24.2	25.5	29.9	21.4	80	80	58	49	60	72	66.5	------
16	61.57	62.47	63.63	60.72	61.50	62.87	62.13	23.3	22.1	27.5	28.5	26.7	22.6	25.1	28.9	21.6	77	82	55	50	53	79	66	------
17	62.33	62.68	63.59	60.75	60.87	62.29	62.08	22.2	21.3	27.6	29.7	27.2	23.6	25.3	30.1	20.9	79	84	59	45	58	73	66.3	------
18	61.68	61.79	63.38	61.07	61.37	62.95	62.04	21.6	22.1	27.5	29.1	26.7	23.3	25	29.5	21.5	84	88	64	54	62	75	71.2	------
19	62.09	62.58	63.32	60.21	60.81	62.43	61.91	20.5	20.1	27.4	29.5	27.1	22.8	24.6	30.1	19.8	87	89	58	48	58	74	69	------
20	61.83	62.24	63.23	60.40	60.45	61.60	61.62	21.4	21.5	27	29.5	27.6	23.4	25.1	30.1	20.7	80	82	61	43	55	68	64.8	------
21	61.09	61.39	62.40	59.61	60.01	61.72	61.04	21.3	21.2	27.5	29.5	27.1	24.4	25.2	30.1	20.8	79	85	64	50	65	68	68.5	------
22	61.03	61.01	61.80	58.86	59.35	61.01	60.51	22.5	22.1	28.5	29.7	27.5	24.2	25.8	29.9	21.3	82	86	58	52	59	68	67.5	------
23	61.27	61.84	62.95	59.94	59.91	61.19	61.18	22	21.5	27.6	31.8	27.7	24.8	25.9	33.6	20.9	81	87	68	42	62	75	69.2	------
24	60.92	61.28	62.45	59.58	59.66	61.38	60.88	22.8	21.6	28	32.2	28.1	24.4	26.2	32.5	21.1	89	89	63	40	60	72	68.8	------
25	60.65	61.03	62.65	59.42	59.86	61.30	60.82	22.8	20.7	29	30.1	28.1	24	25.8	30.9	20.4	80	85	58	48	51	63	64.2	------
26	60.93	61.63	62.10	60.29	60.76	62.55	61.38	21.4	21.2	28.1	30.2	27.5	24.4	25.5	30.4	20.5	77	80	60	40	49	65	61.8	------
27	61.87	62.39	63.36	60.81	60.84	62.56	61.97	23.8	22.1	28	29.8	27.4	24	25.8	30	22	80	85	57	42	52	64	63.3	------
28	61.79	62.22	63.52	61.04	60.97	62.78	62.05	24	23.5	28.4	29	27.6	25.3	26.3	29.6	23.2	78	82	59	62	71	83	72.5	------
Mean	61.19	61.57	62.52	60.06	60.45	61.94	61.29	22.5	22	27.7	29.4	27.2	23.8	25.4	80	21.5	82.1	85.7	61	50.1	59.6	74.9	68.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	106.4	156.1	184.5	90.4	537.4	5	Ci.	Cu.	6	Ci.	Cu.
2	N	N	NE	NE	NE	N	114.8	180.9	181.3	93.3	570.3	4	Ci.	Cu.	4	Ci.	Cu.
3	N	N	NE	NE	NE	NE	109.7	159.3	200.9	108.4	578.3	4	Ci.	Cu.	6	Ci.	Cu.
4	N	N	NE	NE	NE	N	127.7	190.3	197.8	125.3	641.1	3	Ci.	Cu.	5	Ci.	Cu.
5	N	N	NE	NE	NE	N	139.5	185.4	200.6	125	650.5	7	Ci.-S.	Cu.	8	Ci.	Cu.
6	N	N	NE	NE	NE	NE	150.8	176.3	180.6	79.9	587.6	6	Ci.	Cu.	3	------------	Cu.
7	N	N	NE	NE	NE	N	81.6	142.9	168.2	71.4	464.1	4	Ci.	Cu.	6	Ci.	Cu.
8	N	N	NNE	ENE	NE	N	91.1	113	107	77.5	388.6	8	Ci.	Cu.	4	Ci.	Cu.
9	N	NE	NE	NE	NNE	N	76.6	117.2	161.5	104.9	460.2	5	Ci.	Cu.	7	Ci.	Cu.
10	N	N	NE	NE	NE	N	92.3	140.8	175.3	96.9	505.3	5	Ci.	Cu.	1	------------	Cu.
11	N	N	NE	NE	NE	N	107.8	135.4	155.8	85.9	484.9	5	Ci.	Cu.	6	Ci.	Cu.
12	N	N	NE	NE	NE	N	96.9	155	192.9	107.2	552	6	Ci.	Cu.	4	Ci.	Cu.
13	N	N	NE	NE	NE	N	110.5	159.5	202	103.6	575.6	4	Ci.	Cu.	4	------------	Cu.
14	N	N	NE	NE	NE	N	122.8	155.8	193.5	136.6	608.7	3	------------	Cu.	5	Ci.	Cu.
15	N	N	NE	NE	NE	N	125.8	187.6	176.8	119.4	609.6	8	Ci.-S.	Cu.-N.	3	------------	Cu.
16	N	N	NE	NE	NE	N	143.8	175	184.8	87.9	591.5	5	Ci.	Cu.	5	Ci.	Cu.
17	N	N	NE	NE	NE	N	116.1	119.3	114.5	102.5	452.4	3	------------	Cu.	4	Ci.	Cu.
18	N	N	NE	NE	NE	N	98.2	120.2	151.1	101.2	470.7	5	Ci.	Cu.	3	------------	Cu.
19	NE	N	NNE	NE	NE	N	66	98.4	143	92.2	399.6	3	------------	Cu.	1	------------	Cu.
20	N	N	NE	NE	NE	N	108.6	116.5	149.1	88	462.2	7	Ci.	Cu.	2	------------	Cu.
21	N	N	NE	ENE	NE	N	92.2	117.5	119.1	91.2	420	4	Ci.	Cu.	2	------------	Cu.
22	N	N	NE	E	NE	N	94.3	121.3	129.8	89.8	435.2	4	------------	Cu.	4	Ci.	Cu.
23	N	NE	NE	ENE	SW	NE	63	71.1	52.9	46.1	233.1	5	Ci.	Cu.	2	------------	Cu.
24	N	NE	E	NE	NE	N	57.1	73.7	86.4	74.5	291.7	2	------------	Cu.	3	------------	Cu.
25	NE	N	NE	NE	NE	N	55	98.4	137.9	83.2	374.5	3	------------	Cu.	4	------------	Cu.
26	N	N	NE	NE	NE	N	67	125.2	170.2	91.7	454.1	4	Ci.	Cu.	7	Ci.	Cu.
27	N	N	NE	ENE	NE	N	105.2	144.6	188.2	90.9	528.9	4	Ci.	Cu.	4	------------	Cu.
28	N	N	NE	NE	NE	N	100.4	133.6	167.4	124.5	525.9	2	------------	Cu.	6	------------	Cu.
Mean	------	------	------	------	------	------	100.8	138.2	159.8	96	494.8	4.6	------------	------------	4.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	13,854	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.15	62.19	63.20	61.06	61.26	63.27	62.19	24.4	23.7	28.9	30.1	28.6	25.2	26.8	31	23.5	88	91	63	58	60	70	71.7	-----
2	62.31	62.79	63.57	60.55	61.29	63.23	62.29	24	23.5	28.6	29	27.2	24.5	26.1	29.5	23	81	86	60	52	64	75	69.7	-----
3	62.07	62.16	62.70	60.04	59.56	60.88	61.24	23.2	22.6	29	30.5	27.8	24.2	26.2	31	22.4	81	85	60	56	71	94	74.5	-----
4	59.37	59.58	60.76	58.02	58.61	59.43	59.30	24.2	24.6	28.6	30.5	27.5	25.2	26.8	31.5	23.9	90	87	70	60	81	88	79.3	-----
5	58.10	58.59	59.26	56.34	57.62	59.18	58.18	24.6	24.2	30	32.1	27.6	26.2	27.4	32.1	24	92	94	65	56	81	87	79.2	-----
6	58.35	58.31	59.32	56.44	57.66	58.92	58.17	25.2	25.2	30	34.9	28.5	28	28.6	35.3	24.9	92	91	65	45	77	77	74.5	0.8
7	57.92	58.42	59.36	56.74	57.30	59.30	58.17	27.2	25.5	29.6	32.5	29.7	27.2	28.6	33	25	80	88	64	46	61	76	69.2	-----
8	58.37	58.69	59.51	57	57.61	59.42	58.43	26.1	25.3	29.6	31.5	29.6	26.8	28.2	32.5	25	85	88	64	53	61	74	70.8	-----
9	58.68	58.84	59.99	57.46	57.36	59.28	58.60	25.2	24.1	29.3	31	29.2	26.2	27.5	31.5	23.9	85	86	62	50	57	70	68.3	-----
10	58.60	59.38	60.56	58.02	58.07	59.31	58.99	24.4	24.6	29.5	30.5	28.2	25.5	27.1	31.2	24.1	87	87	59	53	62	76	70.7	-----
11	58.87	58.99	60.10	57.59	57.93	59.46	58.82	23.5	23.2	29.5	31.6	28.8	26.1	27.1	32.3	22.9	84	81	62	54	62	73	69.3	-----
12	59.24	59.54	60.72	58.34	59.04	60.95	59.64	25.6	24.9	30.1	33	29.6	27	28.4	33.5	24.5	73	76	62	50	64	77	67	-----
13	60	60.26	61.60	58.68	59.49	60.90	60.16	25.2	24.1	30	34.2	29.6	26.6	28.3	34.6	23.7	82	86	62	40	62	76	68	-----
14	60.18	60.24	61.40	59.19	59.59	61.22	60.30	24.6	23.6	29.7	31.5	29.5	25.6	27.4	32.5	23.3	79	83	61	51	58	71	67.2	-----
15	61.15	61.57	62.37	59.68	59.64	60.98	60.90	24	23.6	29	30.1	27.6	24.8	26.5	31	23.2	80	88	63	36	66	75	68	-----
16	60.61	60.98	61.75	59.09	59.30	60.87	60.43	23.2	22.7	29.1	31.5	28.7	25.4	26.8	32.1	22.3	81	82	60	36	57	80	66	-----
17	60.48	61.38	63.16	61.16	61.21	63.09	61.75	25	24.5	25.2	28.1	28.3	24.8	26	29.6	23.4	85	87	90	73	68	85	81.3	13.2
18	62.33	62.73	63.92	61.21	61.30	63.15	62.44	24.5	24.1	28.9	31.1	29.1	25.2	27.2	31.4	23.7	87	91	66	47	58	79	71.3	-----
19	62.55	62.67	63.20	60.21	60.55	61.92	61.85	24.2	23.2	28.6	31	28.7	25	26.8	31.2	22.9	84	90	57	45	58	80	69	-----
20	60.91	60.81	61.64	58.41	58.54	59.76	60.01	23.6	23.5	29	31.1	28.7	25.2	26.8	31.5	22.7	86	87	58	44	62	73	68.3	-----
21	59.17	59.49	60.41	57.85	58.29	59.96	59.20	24.4	23.6	29	31.7	29.2	26.2	27.4	32.1	23.3	74	86	62	53	57	75	67.8	-----
22	58.90	59.22	60.39	57.85	57.96	60.09	59.07	24.5	24.6	29.2	31.7	29.7	27.4	27.8	32.2	23.9	84	86	68	51	63	76	71.3	-----
23	59.02	59.52	60.32	57.81	58.10	59.94	59.12	25.5	25.3	29.5	31.7	30.4	26.5	28.2	32.3	24.8	88	89	63	50	54	74	69.7	-----
24	58.74	59.43	60.97	58.06	58.66	60.44	59.38	24.8	25.1	29.5	31.2	29.1	26.2	27.6	32.5	24.5	85	87	63	46	59	75	69.2	-----
25	59.18	59.75	61.04	58.38	58.33	59.81	59.42	24.5	24.2	29.6	31.6	29.1	25.8	27.5	32.5	23.9	81	86	59	42	57	76	66.8	-----
26	58.97	59.20	60.72	58.62	58.50	60.48	59.42	24.8	23.6	29	30.2	28.6	25.6	27	30.6	23.3	79	82	55	48	54	69	64.5	-----
27	59.43	59.79	60.67	58.57	58.95	60.21	59.60	24.4	24.7	28.1	30.1	26.1	26	26.6	30.7	23.9	75	70	58	58	72	75	68	-----
28	59.40	59.68	60.90	58.74	59.46	61.18	59.89	25.1	24.6	26.5	30.1	26.7	24.4	26.2	30.5	23.9	84	87	80	58	83	84	79.3	4
29	60.11	60.47	61.19	58.81	58.61	60.64	59.97	24	23.7	29.1	31	29.1	26.2	27.2	32	23.4	88	90	57	50	64	78	71.2	-----
30	59.59	59.83	60.79	58.72	58.29	59.41	59.44	25.1	23.7	29.3	31	29.3	25	27.2	31.1	23.5	84	91	60	47	53	72	67.8	-----
31	58.65	58.67	59.42	56.81	56.91	58.76	58.20	23.4	21.9	29.6	31.2	29.5	27.2	27.1	32	21.5	80	88	56	52	58	72	67.7	1.8
Mean	59.79	60.10	61.13	58.56	58.87	60.50	59.82	24.6	24.1	29.1	31.2	28.7	25.8	27.2	31.8	23.6	83.4	86.3	63	50.3	63.4	76.8	70.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	19.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NE	94.3	123.1	157.2	82.3	456.9	4	Ci.	Cu.	7	Ci.	Cu.
2	N	N	NE	NE	NE	NE	96.8	156.6	222.9	92.5	568.8	7	Ci.	Cu.	4	Ci.	Cu.
3	N	N	NE	NNE	NE	N	102.7	160.3	168.4	139.2	570.6	3	-----	Cu.	7	Ci.	Cu.
4	N	N	NNE	NE	N	N	107.2	130.7	130.4	107.6	475.9	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
5	N	N	NE	ENE	N	N	82.9	102.5	112	93.5	390.9	5	Ci.	Cu.	5	-----	Cu.
6	N	N	Calm	E	W	W	56.3	44.3	76.6	29	206.2	9	Ci.-S.	Cu.	8	A.-Cu.	Cu.
7	N	N	NE	NE	NE	N	62.3	86.4	105.2	93.1	347	4	Ci.	Cu.	3	-----	Cu.
8	N	N	NE	NE	NE	N	95.2	132.2	151.2	84.7	463.3	9	Ci.-S.	Cu.	2	-----	Cu.
9	N	N	NE	NE	NE	NE	82.9	104.9	139.5	73.2	400.5	4	Ci.	Cu.	6	Ci.	Cu.
10	N	N	NE	NE	NE	N	92	128.2	171	94.6	485.8	5	Ci.	Cu.	1	-----	Cu.
11	N	N	NE	NE	NE	N	89.8	102.4	123.2	84.2	399.6	2	-----	Cu.	4	-----	Cu.
12	N	N	N	E	NE	N	70.2	74.5	79.4	47.5	271.6	8	Ci.-S.	Cu.	4	-----	Cu.
13	N	N	NE	E	E	N	52.8	57.9	57.9	71.6	240.2	3	-----	Cu.	3	-----	Cu.
14	N	N	E	NE	NE	N	62.2	83.9	139.7	81.1	366.9	2	-----	Cu.	3	-----	Cu.
15	N	N	NE	NE	NE	N	92.3	145.8	205.3	111.5	554.9	6	Ci.	Cu.	1	-----	Cu.
16	N	N	NE	NE	NE	N	103.3	126.8	169	100.3	499.4	1	-----	Cu.	1	-----	Cu.
17	N	N	N	NE	NE	N	92.5	77.5	101.9	103.3	375.2	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
18	N	N	NE	NE	NE	N	81.1	134.2	163.2	101.9	480.4	5	Ci.	Cu.	5	-----	Cu.
19	N	N	NE	NE	NE	N	99.3	137.6	165.7	93.5	496.1	5	Ci.	Cu.	7	A.-Cu.	Cu.
20	N	N	NE	ENE	NE	N	59.3	122.5	155.9	84.5	422.2	7	Ci.	Cu.	8	Ci.	Cu.
21	N	N	ENE	E	NE	N	67.9	89.8	128.9	70.5	357.1	6	Ci.	Cu.	7	-----	Cu.
22	N	N	NE	ENE	NE	N	93.8	103	127.6	96	420.4	8	Ci.	Cu.	7	Ci.	Cu.
23	N	N	NE	NE	NE	N	88.8	139.4	157.6	95.3	481.1	8	Ci.	Cu.	1	-----	Cu.
24	N	N	NE	NE	NE	N	107.2	151.5	191.8	90.9	541.4	5	Ci.	Cu.	2	-----	Cu.
25	N	N	NE	NE	NE	N	98.8	150.8	190.3	99.2	539.1	3	-----	Cu.	1	-----	Cu.
26	N	N	NE	NE	NE	N	116.7	153.5	192.2	89.9	552.3	4	Ci.	Cu.	8	Ci.	Cu.
27	N	N	NNE	NE	NE	N	106.7	157.6	172.6	119.4	556.3	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28	N	N	N	NE	N	N	92.7	109.4	179.8	99.2	481.1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	N	N	NE	NE	NE	N	98.5	157.9	186	122	564.4	6	Ci.	Cu.	7	Ci.	Cu.
30	N	N	NE	NE	NE	N	112.5	154.2	175.2	84.2	526.1	3	-----	Cu.	3	-----	Cu.
31	N	N	NE	NE	NE	N	78.6	138.9	165.7	109.6	492.8	4	Ci.	Cu.	3	-----	Cu.
Mean	-----	-----	-----	-----	-----	-----	88.3	120.6	150.4	91.8	451.1	5.5	-----	-----	4.9	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13,984.5	-----	-----	-----	-----	-----	-----

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, −1.84 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.68	58.45	59.62	57.59	57.79	59.47	58.43	24.9	24.6	29	29.1	28.8	26.2	27.1	30.5	24	84	91	71	70	66	82	77.3	------
2	58.60	59.09	60.72	57.90	58.73	60.41	59.24	25.3	24.2	29	31.5	29.6	27.4	27.8	32	24	89	94	58	50	61	68	70	------
3	59.05	59.35	60.07	57.78	59.25	61.02	59.42	26.2	25.6	30.1	31.7	27.5	25	27.7	32.9	24.6	81	83	57	55	78	82	72.7	------
4	59.20	59.34	60.41	57.63	58.89	60.39	59.31	25.2	25.6	29.7	33.5	27.7	26	28	34	24.7	80	84	70	53	68	78	72.2	------
5	59.45	59.87	60.78	57.56	59.70	60.85	59.70	25.5	25.2	30.5	33.9	27.5	27.5	28.4	34	24.9	86	90	66	51	70	78	73.5	------
6	58.82	58.93	60.19	57.12	58.14	59.86	58.84	26	25.6	30.8	34	29.6	27.6	28.9	34.4	25	88	86	64	45	67	73	70.5	------
7	58.86	59.95	60.59	57.64	58.07	60.03	59.19	25.6	25	30.5	33.6	30.1	28	28.8	36	24.7	84	84	62	53	65	77	70.8	------
8	59.16	60.01	61.08	58.58	59.03	60.84	59.78	26.5	25.1	31.2	33.6	30.6	27.8	29.1	34	24.4	81	83	62	48	62	74	68.3	------
9	60.17	60.82	61.66	59.33	59.77	62.13	60.65	26.2	25.6	31.5	33.5	30.5	27.4	29.1	34.2	25.4	85	88	46?	51	56	73	66.5	------
10	60.74	60.83	61.64	58.72	59.38	61.34	60.44	26.4	26	31.4	32.6	29.6	26.6	28.8	33.5	25.4	82	85	60	54	64	78	70.5	------
11	59.86	60.28	60.47	58.11	58.16	60	59.48	25.4	25	30	31.5	28.9	26.7	27.9	31.6	24.5	84	83	65	60	71	80	73.8	------
12	58.94	59.65	60.10	57.70	58.68	60.21	59.21	25.2	25.2	29.5	31.1	28.8	26.8	27.8	31.5	24.4	83	82	63	62	68	77	72.5	------
13	58.99	59.54	60.13	57.97	59.18	60.36	59.36	25	24.1	30.1	33.5	26.1	25.3	27.4	34	23.5	85	86	64	50	83	85	75.5	1.3
14	59.50	60.01	61.15	58.42	59.19	60.76	59.84	25	23.2	30.5	34.4	30	27.2	28.4	34.6	22.9	87	90	59	43	62	83	70.7	------
15	59.96	60.97	61.81	59.37	60.29	61.63	60.67	24.6	23.7	30.5	33.5	29.9	27.2	28.2	34.4	23.1	87	86	62	42	58	72	67.8	------
16	60.47	61.15	61.38	58.42	58.62	59.89	59.99	24.2	23	30.1	32.1	30	26.5	27.6	32.7	22.6	82	83	60	53	56	67	66.8	------
17	59.10	60.01	60.43	57.40	58.03	59.32	59.05	24	23.8	30.5	33.8	30	27	28.2	34.4	23.4	77	81	63	42	56	65	64	------
18	58.94	59.37	60.01	57.47	58.17	60.04	59	24.6	24.9	30.3	33.5	31.2	27.4	28.6	34	23.9	75	80	61	35	43	60	59	------
19	58.95	59.34	60.16	57.66	58.27	60.45	59.14	25.3	26.1	31	34	31.5	27.7	29.3	34.9	25.1	81	82	56	33	49	68	61.5	------
20	59.90	60.71	61.61	59.20	59.73	61.85	60.50	26.2	25.8	30.6	32.5	31	28	29	33.2	25.2	81	89	63	55	57	74	69.8	------
21	60.96	61.63	61.80	59.23	60.34	61.64	60.93	26.4	26	30.8	31.7	30	28.4	28.9	33.1	25.6	85	88	57	59	71	78	73	------
22	59.16	59.72	61	58.04	58.88	60.35	59.52	26.6	26.6	30.1	32.3	28.9	27.5	28.7	32.5	25.9	87	86	68	56	75	84	76	------
23	59.07	59.86	60.34	57.81	58.44	59.85	59.23	26.4	26.5	31.1	34.5	30.4	29.2	29.7	35.4	25.9	84	84	57	43	69	75	68.7	------
24	59.10	59.13	60.16	57.74	58.57	60.54	59.21	26.8	26.4	31.3	33.1	30.6	28.5	29.4	33.6	25.8	81	85	58	54	65	78	70.2	------
25	59.10	59.22	59.89	57.91	58.34	59.81	59.04	27.5	26.5	31	33.3	31	29.4	29.8	33.8	25.9	81	83	62	54	63	75	69.7	------
26	59.40	60.01	60.58	58.18	58.32	59.49	59.33	27.2	26.5	31	32.5	30.6	27.5	29.2	33.4	25.9	81	84	59	55	56	72	67.8	------
27	59.36	59.71	60.26	58.52	58.62	59.82	59.38	25.6	25.7	31.1	30.6	28.8	27.2	28.2	32.7	25.3	84	87	57	67	73	81	74.8	------
28	58.68	59.06	59.82	56.90	57.66	59.08	58.53	26.6	26.5	29.5	31.5	29.6	26.8	28.4	32.1	24.9	81	86	78	54	66	78	73.8	8.1
29	58.04	58.12	59.30	56.85	57.41	58.95	58.11	25.4	24.6	29.6	32.1	30	26.2	28	33.4	24.4	84	91	60	51	59	63	68	------
30	58.28	58.99	59.93	57.18	57.54	59.57	58.58	25.2	24.6	30.1	32.5	30.7	27	28.4	33.6	24.6	79	87	56	46	49?	68	64.2	------
Mean	59.25	59.77	60.57	58	58.71	60.33	59.44	25.7	25.2	30.4	32.7	29.6	27.2	28.5	33.5	24.7	83	85.7	61.5	51.5	63.5	74.9	70	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	9.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	N	1	NE	3	NE	2	NE	3	N	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	N	2	N	1	NE	3	NE	3	NE	3	N	2	6	Ci.	Cu.	6	Ci.	Cu.
3	N	2	N	2	NNE	3	NE	3	NE	5	N	3	1	------------	Cu.	8	Ci.	Cu.
4	N	2	N	5	NE	2	NE	2	N	2	NE	0	8	Ci.	Cu.	4	------------	Cu.
5	NE	1	N	2	E	2	ENE	2	W	1	NE	1	4	Ci.	Cu.	8	Ci.-S.	Cu.
6	N	1	N	1	E	2	NE	1	Calm	----	NE	1	5	Ci.	Cu.	3	------------	Cu.
7	Calm	----	Calm	----	NE	1	SW	2	SW	1	W	0	6	Ci.	Cu.	3	------------	Cu.
8	N	2	N	1	E	1	NE	2	NE	2	N	2	5	Ci.	Cu.	5	Ci.	Cu.
9	N	1	N	1	NE	2	NE	3	NE	2	N	1	6	Ci.	Cu.	5	Ci.	Cu.
10	N	1	N	1	NE	3	NE	4	N	3	N	2	2	------------	Cu.	5	------------	Cu.
11	N	2	N	1	NE	3	NE	4	NE	3	N	1	5	Ci.-S.	Cu.	5	------------	Cu.
12	N	1	N	1	NE	3	NE	2	Calm	----	Calm	----	2	------------	Cu.	8	Ci.-S.	Cu.
13	NE	1	NE	1	ENE	2	NE	1	Calm	----	Calm	----	1	------------	Cu.	8	Ci.-S.	Cu.
14	NW	1	Calm	----	NE	1	E	1	Calm	----	Calm	----	6	Ci.	Cu.	8	Ci.	Cu.
15	N	1	Calm	----	E	1	ENE	2	NE	1	Calm	----	6	Ci.	Cu.	6	A.-Cu.	Cu.
16	NE	1	NE	1	ENE	2	ENE	2	NE	1	N	0	2	------------	Cu.	7	Ci.	Cu.
17	N	1	N	1	E	2	E	2	NE	1	NE	0	1	------------	Cu.	5	Ci.	Cu.
18	N	1	N	1	NE	2	NE	3	NE	2	N	1	2	------------	Cu.	5	------------	Cu.
19	N	1	N	1	NE	2	NE	3	NE	2	N	1	7	Ci.-S.	Cu.	3	------------	Cu.
20	N	1	N	1	E	3	NE	3	NE	1	N	1	3	------------	Cu.	6	Ci.	Cu.
21	N	1	N	1	NE	3	NE	4	NE	3	NE	2	10	Ci.-S.	Cu.	5	Ci.	Cu.
22	N	1	N	1	NE	2	NE	2	NE	2	N	1	5	Ci.	Cu.	7	Ci.	Cu.
23	N	1	N	1	NE	2	E	0	SW	0	NW	0	5	Ci.	Cu.	4	Ci.	Cu.
24	NE	1	N	1	NE	2	NE	3	NE	3	NE	3	7	Ci.	Cu.	5	Ci.	Cu.
25	N	1	N	1	NE	2	NE	3	NE	2	NE	1	6	Ci.	Cu.	6	Ci.	Cu.
26	N	1	N	1	NE	2	NE	3	NE	2	Calm	----	6	Ci.	Cu.	5	------------	Cu.
27	N	1	N	1	E	3	NE	4	N	1	N	2	1	------------	Cu.	9	Ci.-S.	Cu.-N.
28	N	2	N	2	NE	2	NE	4	NE	2	N	2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
29	N	2	N	2	NE	3	NE	3	NE	2	N	2	5	Ci.	Cu.	1	------------	Cu.
30	N	2	N	2	NE	3	ENE	3	NE	2	NE	1	4	Ci.	Cu.	5	Ci.	Cu.
Mean	------	1.3	------	1.2	------	2.2	------	2.5	------	1.7	------	1.1	4.9	------------	------------	5.8	------------	------------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.82	59.66	60.44	58.31	58.16	59.72	59.18	26.2	25.9	29.1	30	29.7	28.2	28.2	31.1	25.4	85	84	77	62	63	76	74.5	------
2	58.80	60.07	60.99	58.13	58.54	60.55	59.51	26.5	26.1	30.8	32.9	30.5	27.8	29.1	33.5	25.5	80	86	54	48	59	73	66.7	------
3	59.80	60.03	60.43	57.88	58.22	60.03	59.40	26.8	26.5	31.1	32	30.1	28	29.1	32.6	25.9	80	81	62	54	61	74	68.7	------
4	58.81	58.83	59.55	56.53	57.02	59.11	58.31	26.8	26.6	30.9	33	31.1	28.4	29.5	33.5	26	80	83	64	50	55	66	66.3	------
5	57.90	57.84	57.93	55.07	55.84	57.81	57.06	26.7	26.2	31.7	33.9	31.1	28.6	29.7	34.2	25.6	83	86	59	38	55	68	64.8	------
6	57.36	58.16	58.85	55.67	56.75	58.55	57.56	26.8	26.1	30.8	33.5	31	28.8	29.5	34	25.6	81	83	60	51	58	72	67.5	------
7	57.90	58.41	59.55	56.82	58.63	60.27	58.60	27.2	26.5	31.4	33.5	28.4	26.6	28.9	34.4	26	81	87	60	52	75	87	73.7	6.6
8	58.12	58.68	59.50	57.23	57.65	59.36	58.42	26.8	26.1	30.5	31.1	29.5	28.4	28.7	33.5	25.5	89	91	68	63	73	78	77	------
9	57.47	57.42	57.90	55.07	55.48	57.29	56.77	26.5	26.1	31	34.4	31	29	29.7	34.5	25.8	87	87	63	44	56	67	67.3	------
10	55.86	56.32	56.74	53.92	54.85	55.83	55.59	27.5	27	32	33.5	29.6	26.4	29.3	35.6	24.8	77	81	61	58	64	85	71	18.6
11	55.90	56.70	57.57	55.74	56.17	57.91	56.68	26.5	26.4	29.9	32.5	30.2	28.6	29	33	25.8	88	90	75	44	72	76	74.2	------
12	57.10	58.13	58.65	56.69	56.72	58.89	57.70	27	26.2	30.5	32	30.6	28.4	29.1	32.4	25.6	83	87	68	57	56	68	69.8	------
13	57.90	58.59	59.20	57.24	57.85	59.69	58.41	26.8	26	30.5	32	30.5	27.4	28.9	32.2	24.9	80	84	65	49	56	74	68	------
14	58.18	59.09	59.45	57.19	58.04	59.98	58.66	25.8	26.1	30.2	32.5	31.1	28	29	32.9	25.5	81	85	64	52	53	70	67.5	------
15	58.56	59.20	59.79	57.32	58.42	59.98	58.88	27	26.2	30.1	32.5	30.1	29.1	29.2	33	25.6	80	86	56	50	68	70	68.3	------
16	59.30	58.97	59.80	57.62	58.69	60.26	59.11	26	25.4	31.2	31.6	29.1	27	28.4	33.2	25	70	76	63	59	75	83	71	------
17	59.30	59.57	59.47	57.46	58.88	60.56	59.21	26.4	25.9	32.1	31.1	29.3	25.8	28.4	33.4	24.4	85	85	60	65	76	89	76.7	27.4
18	59.37	59.99	59.98	58.05	58.55	60.39	59.39	26	25.6	30.6	29.6	29.1	26.8	28	31.9	24.5	92	89	74	75	77	86	82.2	------
19	58.86	59.87	60.20	57.37	58.05	59.41	58.96	26.6	25.1	31.4	30.9	27.7	27	28.1	32	24.4	87	87	67	67	85	90	80.5	------
20	58.81	59.17	59.33	57.33	58.18	60.54	58.89	26.2	25.6	31	30.3	29.1	24.5	27.8	33	23.4	90	90	65	70	74	87	79.3	19
21	58.86	59.62	60.13	58.48	59.26	61.46	59.64	24.2	23.6	29	30.4	29.1	27	27.2	32.3	23.4	90	97	68	72	76	88	81.8	3.5
22	60.50	60.96	60.99	58.53	59.74	61.25	60.33	25.2	24.7	30.2	32.9	26.8	26.7	27.8	33.7	24.2	92	94	67	52	77	75	76.2	------
23	60.24	60.37	60.49	57.82	58.11	59.73	59.46	26.5	25	31.1	32.4	27.6	27	28.3	34.8	24	77	89	60	61	79	80	74.3	13.5
24	58.77	59.11	59.33	56.93	57.71	59.02	58.48	25.6	24.5	31	33.1	28.6	26.3	28.2	33.3	23.7	79	76	65	49?	73	80	70.3	------
25	58.32	57.49	58.61	57.03	58.25	59.51	58.20	26.2	24.8	31.3	30.2	26.3	26	27.5	33.3	24	82	78	58	67	90	84	76.5	2.5
26	58.36	58.29	59.01	57.91	57.27	58.41	58.21	25.4	24.6	32	25.8	26.1	26	26.6	32	24	85	91	57	85	87	90	82.5	3.3
27	57.19	56.81	57.32	55.91	55.35	56.66	56.54	25.4	25.1	29.9	30.2	28.6	28.5	28	30.6	24.4	93	94	82	73	73	79	82.3	1.8
28	55.46	55.88	56.48	54.39	54.52	56.22	55.49	26.6	25.5	30.7	30.7	30.2	28.8	28.8	82.2	24.5	86	92	61	72	76	79	77.7	------
29	55.17	55.27	56.10	54.44	55.08	56.57	55.44	27.8	25.6	30.6	30.1	28	27.2	28.2	31.9	24.9	82	90	74	71	84	84	80.8	------
30	56.36	56.55	56.31	54.81	55.34	56.93	56.05	25.8	27.1	28.5	29.2	27.6	26	27.4	30.1	25	82	83	75	72	80	90	80.3	136.7
31	55.78	56.14	56.29	55	56.31	56.23	55.96	24.6	24.7	25.5	29.1	26.9	26.4	26.2	29.5	23.4	99	98	90	77	89	92	90.8	31
Mean	58.04	58.43	58.92	56.71	57.34	58.97	58.07	26.3	25.7	30.5	31.5	29.2	27.4	28.4	32.8	24.9	84.1	86.8	65.9	60	70.8	79.4	74.5	----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	263.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NE	91.2	131.8	152.6	99.6	475.2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
2	N	N	NE	ENE	NE	N	86.6	129.2	141.1	108.9	465.8	6	Ci.	Cu.	1	------------	Cu.
3	N	N	NE	NE	NE	N.	102.5	140.5	186.2	122.9	552.1	5	Ci.	Cu.	3	------------	Cu.
4	N	N	NE	NE	NE	NE	108.1	148.6	180	102.7	539.4	3	------------	Cu.	2	------------	Cu.
5	N	NW	NE	NE	NE	NE	98.8	130.9	156.8	93.9	480.4	3	------------	Cu.	5	Ci.	Cu.
6	N	N	NE	NE	N	N	90.7	93.1	131.8	96.8	412.4	2	------------	Cu.	6	Ci.	Cu.
7	N	N	NE	NE	W	E	106.7	133	124.1	47.5	411.3	4	Ci.	Cu.	8	Ci.	Cu.
8	NE	N	NE	NE	NW	NW	42.1	75.4	61.7	36.5	215.7	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
9	N	N	NE	E	NE	N	68.4	91.2	112.3	100.6	372.5	4	Ci.	Cu.	4	Ci.	Cu.
10	NW	N	E	SW	NW	Calm	66.3	76.4	66.6	47.5	256.8	5	Ci.	Cu.	4	Ci.	Cu.
11	NE	N	NE	NE	NE	N	53.9	89.8	66.5	51.5	261.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	N	NW	E	NE	NE	N	84.3	93.8	137.4	108.3	423.8	7	Ci.	Cu.	8	Ci.	Cu.
13	NE	N	NE	NE	NE	N	95.6	120.2	144.3	94.8	454.9	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
14	N	N	NE	NE	NE	N	93.9	133.4	148.9	86.9	463.1	8	Ci.-S.	Cu.	8	Ci.	Cu.
15	NE	N	NE	E	S	SE	56.8	96.8	72.1	30.9	256.6	6	Ci.	Cu.	8	Ci.	Cu.
16	Calm	N	E	SW	W	N	34	44.3	100.3	42.8	221.4	4	Ci.	Cu.	7	Ci.	Cu.
17	Calm	NW	S	SW	SW	W	16.6	43.5	95.2	45.1	200.4	3	------------	Cu.	8	Ci.-S.	Cu.-N.
18	Calm	NE	SW	SW	SW	SW	23.3	47.2	73.8	28.7	173	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
19	Calm	NW	SSW	SW	NW	SE	26.9	43.8	103.2	43.7	217.6	4	Ci.	Cu.	5	Ci.	Cu.
20	NE	Calm	NE	SW	SW	E	27.1	34.8	117.5	79.7	259.1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
21	N	N	NE	SW	W	E	28.8	32.7	95.5	43.8	200.8	3	------------	Cu.	9	Ci.-S.	Cu.-N.
22	W	NW	NE	NE	W	Calm	34.6	34.9	54.5	26.6	150.6	5	Ci.	Cu.	8	Ci.-S.	Cu.
23	E	N	E	SW	Calm	Calm	28	42.3	75.3	19.5	165.1	5	Ci.	Cu.	5	Ci.-S.	Cu.-N.
24	Calm	Calm	NE	E	Calm	Calm	22.5	35.9	60.7	24.7	143.8	4	Ci.	Cu.	9	Ci.-S.	Cu.
25	NW	Calm	E	SW	W	Calm	20.7	39.6	74.3	33.3	167.9	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
26	Calm	Calm	S	Calm	Calm	Calm	19.1	30.3	41.3	14	104.7	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	Calm	Calm	SW	W	W	SW	20.1	40.4	70.8	36.8	168.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	NW	Calm	S	SW	SW	W	30.3	37.2	80	56.1	203.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
29	W	Calm	SW	SW	SW	SW	38.8	65.8	103.6	55	263.2	8	Ci.	Cu.	8	Ci.	Cu.
30	SW	SW	SW	SW	W	Calm	34	50.4	73.2	41.2	198.8	10	Ci.-S.	Cu.-N.	9	Ci.	Cu.
31	Calm	Calm	W	W	W	Calm	30	62.3	61.7	21.4	175.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	54.2	76.4	102	59.4	292.1	6.1	------------	------------	7.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,055.2	----	------------	------------	----	------------	------------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm*
1	55.38	56.23	57.39	56.52	57.37	58.43	56.89	27.6	28	25.5	28.5	27.5	27	27.4	28.5	24	83	82	93	80	77	80	82.5	14.8
2	57.68	57.78	58.81	56.81	57.01	58.98	57.84	27	26.6	28.5	28.6	28.1	27.8	27.8	30	26	80	83	78	83	80	86	81.7	5.3
3	57.74	58.54	58.88	56.94	58.06	59.33	58.25	25	25.1	28.3	29.4	28.1	27.8	27.3	30	24.4	88	95	86	82	83	86	86.7	9.1
4	58.02	58.44	58.97	57.35	58.34	59.85	58.50	27	26.6	29.5	30.1	28.4	27.6	28.2	30.5	25.1	87	88	75	74	80	83	81.2	------
5	58.40	59.06	59.61	58.04	59.24	60.91	59.21	26.9	27.1	29.6	29.6	28.6	26.2	28	30.5	25.8	86	84	77	70	81	85	80.5	1.3
6	59.96	60.22	60.61	57.79	58.94	60.86	59.73	25.4	25.3	30.1	32.1	29.1	28.6	28.4	33.4	24.3	93	92	70	60	77	80	78.7	9.4
7	59.51	59.64	59.94	57.69	58.10	59.54	59.07	27	26.3	30	32.1	30.2	28.2	29	32.2	25.4	84	86	71	57	64	74	72.7	------
8	58.80	58.95	59.39	57.44	57.21	59.01	58.47	26.4	26.5	30.6	32.5	28.7	27.8	28.8	32.5	25.8	82	79	71	54	76	80	73.7	------
9	58.42	58.54	59.07	57.04	57.73	59.30	58.35	26.4	26.1	30.5	32.2	29.4	28	28.8	32.3	25.4	86	87	69	55	74	79	75	------
10	58.80	59.41	59.90	58.22	58.55	60.10	59.16	26.8	26.5	30.4	29.6	28.6	27.6	28.2	31.9	26	84	84	69	75	80	87	79.8	------
11	59.30	59.56	59.38	57.35	57.74	59.30	58.77	26.2	25.6	30.6	32.5	30	27.6	28.8	32.7	25.4	90	91	65	59	65	77	74.5	5.1
12	58.86	59.10	59.16	56.97	57.46	59.04	58.43	25.4	26	30.6	32.5	27.3	27	28.1	32.7	23.5	88	84	68	58	71	77	74.3	------
13	58.30	58.71	58.71	56.82	57.84	58.84	58.20	26.4	26	29.9	31.5	25.1	27.2	27.7	33.7	24.5	79	80	73	60	95	89	79.3	21.9
14	58.40	59.59	59.45	57.18	57.60	59.41	58.60	25.8	25.7	28.6	31.9	30.1	27.8	28.3	32.6	25.4	92	94	77	61	67	79	78.3	------
15	58.36	58.83	58.82	56.49	56.74	58.40	57.94	26.2	26.1	30.2	32.3	31.6	28.2	29.1	33.1	25.5	84	86	65	59	59	76	71.5	------
16	57.74	58.01	58.27	55.65	56.33	57.62	57.27	27.4	26	27	31.8	29.8	28	28.3	32.2	22.9	87	88	86	61	69	82	78.8	54.6
17	57.15	56.98	57.60	55.60	56.91	58.03	57.04	24.2	24.6	29.5	27.3	24.6	25	25.9	32.2	23.1	93	92	73	88	91	92	88.2	32.2
18	55.98	56.13	56.74	54.50	54.88	56.12	55.72	24.4	25	26	27.7	27.1	26	26	28.2	24	91	92	94	86	82	85	88.3	67.5
19	55.04	55.77	57.17	56.52	56.80	58.15	56.58	23.6	24	25.3	25.7	26.1	26	25.1	26.6	22.4	99	96	89	92	87	90	92.2	49
20	57.67	57.77	58.20	56.89	57.97	59.59	58.02	26	26.2	29.2	29.6	25.1	25.8	27	30.4	23.1	88	86	73	75	99	93	85.7	23.4
21	58.88	58.98	59.56	58.02	58.66	60.17	59.04	24.8	25.5	29.1	27.1	28	26.6	26.8	29.6	23.4	93	92	75	87	81	90	86.3	4.8
22	58.98	59.29	59.92	57.80	58.24	60.10	59.06	25.4	25.7	28	29.6	27.6	24.9	26.9	29.7	24.4	90	89	77	71	76	87	81.7	2.5
23	58.96	59.21	59.90	57.60	57.57	59.33	58.76	24.9	24.6	27.5	30.7	29.5	27.6	27.5	31.5	24.3	94	96	78	61	71	84	80.7	2.8
24	58.02	58.18	58.85	57.31	57.03	58.51	57.98	27	25.2	27.8	25	26.1	26	26.2	30.6	24.4	86	86	79	93	88	88	86.7	22.1
25	57.69	57.34	58.11	56.83	57.28	58.48	57.62	25.5	25.6	28.6	27.1	26.1	25.8	26.4	30.4	24.1	92	91	81	80	82	90	86	1
26	57.59	57.60	57.97	56.81	57.02	57.87	57.48	25.4	25	27.8	29.5	27.1	27	27	30.1	24.5	93	94	80	68	87	90	85.3	6.9
27	56.75	56.94	57.16	56.32	55.85	56.78	56.63	26	25.1	28.2	27.6	27.1	27.5	26.9	29	24.5	95	95	72	84	79	77	83.7	------
28	56.32	55.83	56.56	55.29	55.51	57.25	56.13	27.2	27.6	28.2	29.6	26.6	26.4	27.6	29.8	25.4	83	80	80	76	80	87	81	14.7
29	56.37	56.36	57.76	55.63	56.74	58.26	56.85	27	26.8	25.9	27.3	26.1	24.2	26.2	27.8	23.5	86	88	91	82	83	91	86.8	20
30	57.44	56.84	56.96	56.29	56.08	57.22	56.80	25.3	25.1	28	25.6	27.1	26	26.2	28.7	23.5	88	91	81	91	80	90	86.8	15
Mean	57.88	58.13	58.63	56.86	57.36	58.83	57.95	26	25.8	28.6	29.6	27.8	26.9	27.5	30.8	24.5	88.1	88.4	77.2	72.7	78.8	84.5	81.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	383.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	SW	SW	SW	S	42.1	73.8	151.5	92.8	360.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	SW	S	SW	SW	SW	W	76.2	60.2	85.5	63.3	285.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
3	WSW	N	Calm	SW	SW	Calm	35.7	35.2	83.5	43.1	197.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
4	SW	SE	SSW	SW	SW	S	19.8	58.4	111.5	38.6	228.3	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
5	Calm	Calm	SW	SW	SW	SW	24.1	49.1	85.1	31.1	189.4	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
6	Calm	Calm	NW	SE	SW	SW	15.1	28.8	61.2	46.7	151.8	7	Ci.	Cu.	6	Ci.	Cu.
7	SW	N	NE	NE	NE	NE	29.5	54.7	101.7	64.7	250.6	8	Ci.	Cu.	8	Ci.	Cu.
8	N	N	E	E	NW	N	56.6	62.5	88.8	54.1	262	8	Ci.	Cu.	7	Ci.	Cu.
9	NW	N	E	E	SW	NW	68.1	69.8	63.4	37.2	238.5	5	Ci.	Cu.	8	Ci.	Cu.
10	SE	N	Calm	SW	SW	Calm	26.2	30.4	65	20.4	142	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
11	NW	N	NE	NE	N	N	44	57.7	83.4	56.3	241.4	4	Ci.	Cu.	7	Ci.	Cu.
12	NE	NE	NE	E	NW	NW	41	44.8	59	21.2	166	8	Ci.-S.	Cu.	5	Ci.	Cu.
13	Calm	N	Calm	SW	S	Calm	29.6	30	48.6	25.4	133.6	9	Ci.-S.	Cu.	8	Ci.	Cu.
14	N	Calm	NE	NE	NE	N	34.1	30.1	68.6	67.8	200.6	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
15	N	N	NE	NE	N	NE	77.5	103.5	84	50.7	315.7	6	Ci.	Cu.	5	Ci.	Cu.
16	N	NE	NE	NE	NE	Calm	73	75.8	84.8	42	275.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
17	Calm	NE	NE	W	Calm	NW	32.5	70	65.4	34.9	202.8	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
18	Calm	Calm	Calm	Calm	SW	SW	14	23.1	33.6	121.7	192.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SW	WSW	S	S	S	SE	120.5	114.6	91.5	52.5	379.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
20	SE	S	SW	SW	SW	SW	51.3	63	101.1	47.7	263.1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
21	SE	W	SW	SW	SW	SW	15.5	58.4	86.4	49.7	210	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
22	Calm	SE	SW	SSW	SW	Calm	19.1	45.3	71	22	157.4	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
23	Calm	N	N	E	E	E	26	40.8	59.8	34.9	161.5	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
24	Calm	W	SW	NW	N	Calm	32.7	31.2	56.8	27.7	148.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	N	E	NE	NW	Calm	SW	15.9	46.4	69.2	20.1	151.6	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
26	Calm	NW	SW	SW	Calm	Calm	21.5	31.4	39.7	15	107.6	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27	Calm	Calm	WSW	SW	SW	SW	24.7	68.9	110	111.2	314.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	SW	SW	SW	SW	SW	SW	104.3	128.7	141.8	112.9	487.7	9	Ci.-S.	Cu.-N.	5	Ci.	Cu.
29	SW	SW	SW	SW	SW	WSW	122.8	122.1	140.3	108.3	493.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30	SSW	S	SW	WSW	SW	S	66	88.3	111.2	101.4	366.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	45.3	59.9	83.4	53.8	242.5	8.9	----------	----------	8.5	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,275.2	----	----------	----------	----	----------	----------

ILOILO.

[φ = 10° 42′ N; λ = 122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.48	56.06	57.57	56.92	56.87	59.09	57.16	26	25.5	24.2	26.4	25.5	24.1	25.3	26.8	22.3	90	94	94	81	92	97	91.3	94.1
2	58.07	57.27	58.11	56.40	57.56	58.87	57.71	24.2	25.1	27.8	28.7	27.3	26.2	26.6	29.9	23.8	97	90	82	80	82	89	86.7	------
3	57.42	57.47	57.70	55.90	56.52	57.77	57.13	26	26.1	28.7	29.7	27.7	26.6	27.5	30	24.5	84	87	76	78	79	80	80.7	------
4	56.72	56.75	57.06	55.61	56.22	57.62	56.66	27.2	27.5	28.5	29.5	25.3	26	27.3	29.5	25	75	72	70	72	82	82	75.5	11.4
5	56.48	56.72	57.01	56.13	56.14	57.42	56.65	26	24.6	27.8	27	26.5	26.2	26.4	28.6	22.9	84	87	82	82	84	81	83.3	20.3
6	55.84	55.82	56.30	55.02	54.93	56.18	55.68	27.2	26.6	26.2	27.9	27.5	27.5	27.2	28.5	23.1	83	86	85	84	87	85	85	31.7
7	55.58	55.87	56.57	55.46	55.41	56.72	55.94	27.6	27.6	28.2	29.1	27.7	27.6	28	29.5	25.9	84	83	80	74	82	83	81	3.8
8	56.21	56.27	57	56.14	56.64	58.59	56.81	27.6	27.1	29	30.1	28.2	27.6	28.3	30.4	26.9	81	83	76	73	79	81	78.8	------
9	57.73	57.36	57.69	56.54	57.40	58.50	57.54	27.4	27.7	29	30	28	27.4	28.2	30.8	27	81	79	78	73	81	83	79.2	------
10	57.66	57.75	58.31	57.29	57.64	58.14	57.80	27.5	27.1	29.5	30	28.5	28	28.4	30.5	25.7	82	86	79	75	80	83	80.8	3
11	57.70	58	58.45	57.68	57.81	58.49	58.02	27.4	27.5	29.1	30.2	28.6	28.2	28.5	30.4	26.4	86	85	81	76	81	83	82	4.6
12	57.41	57.46	58.38	57.85	58.05	59.22	58.06	27.9	27.6	27.1	28.7	28.2	27.7	27.9	29.1	23.1	82	84	91	83	83	87	85	20.3
13	58.36	57.90	58.77	57.90	58.16	59	58.35	27.7	27.7	29.4	30.1	27.8	27.2	28.3	30.5	26.8	86	86	82	75	82	83	82.3	3.6
14	58.46	58.63	59.19	57.98	58.10	59.26	58.60	27.2	27.6	29.5	31	28.6	28	28.6	31	26.6	84	83	78	75	80	81	80.2	------
15	59.13	58.80	59	57.50	58.09	59.11	58.60	27.4	27.6	29.5	30.4	28.6	27.2	28.4	31.1	26.5	83	84	75	72	81	77	78.7	------
16	57.96	57.55	57.90	56.54	56.82	57.76	57.42	27.6	27.6	28.8	28.7	26.1	26.2	27.5	31.5	23.8	77	82	69	76	79	79	77	------
17	56.98	56.58	58.02	56.66	57.71	58.11	57.34	26.2	26.1	28.5	25.1	24.1	25.2	25.9	30.5	22.5	82	77	71	94	96	90	85	66.7
18	57.10	57.19	58	56.50	56.92	58.17	57.31	26	25.6	26.6	29.2	27	25.8	26.7	29.9	23.7	85	87	84	73	78	85	82	7.4
19	57.08	57.16	57.92	55.90	56.74	57.96	57.13	25.7	25.5	27.8	29	27.1	26	26.8	30	24.3	84	84	79	76	82	85	81.7	------
20	57.37	57.33	58.34	56.20	56.91	58.38	57.42	25	23.6	28	30	27.5	27	26.8	30.1	23.4	88	97	79	70	81	83	83	7.9
21	57.74	57.99	58.53	56.50	56.92	58.57	57.71	25.8	24.5	26.8	29.1	27.6	26.4	26.7	29.3	24	87	91	81	75	79	86	83.2	1.5
22	57.40	56.95	57.12	55.51	56.10	57.18	56.71	24.6	24.1	29	30	27.6	27.3	27.1	30.4	23.8	91	93	74	71	76	81	81	5.1
23	56.45	55.28	55.67	54.75	54.94	56.36	55.58	26.8	26.9	28.3	25.3	28.1	28	27.2	29.9	24.2	86	81	78	93	77	77	82	19.5
24	55.98	55.66	56.78	56.15	56.41	57.81	56.46	27.3	25.5	24	24.6	24.2	25.2	25.1	28	22.8	84	93	95	90	94	88	90.7	66.1
25	57.10	56.35	57.25	56.88	56.81	58.20	57.10	26.2	26.9	29.6	26.2	26	26.5	26.9	30	23	84	85	75	86	85	85	83.3	18.3
26	57.38	57.11	57.12	56.54	57.19	58.65	57.33	27.4	26	29.5	30	28.1	27.6	28.1	30.4	25.5	80	83	75	75	77	80	78.3	------
27	57.86	57.91	58.35	57.54	58.15	59.74	58.26	27.8	26.5	28.6	29.6	27.9	27.2	27.9	29.6	25.7	77	84	80	74	79	81	79.2	------
28	58.62	58.82	59.20	58.14	58.82	60.16	58.96	26.6	25.9	28.8	29.5	28.6	26.2	27.6	30.5	25.1	84	87	76	71	77	85	80	------
29	58.94	59.20	59.78	58.31	58.68	60.18	59.18	24.4	24.2	29.5	29.2	29	27.2	27.2	31.1	23.4	91	93	71	68	74	85	80.3	------
30	59.45	59.62	59.60	57.24	58.63	59.75	59.05	25.3	25.5	29.4	30.1	26	25.8	27	31.8	24.5	89	90	72	71	84	88	82.3	4.6
31	58.88	59.80	59.85	58.01	58.26	59.89	59.12	24.8	24.1	29	29.1	27.7	26.4	26.8	30	23.5	93	89	68	70	63	75	76.3	------
Mean	57.47	57.38	57.95	56.70	57.15	58.41	57.51	26.5	26.2	28.2	28.8	27.3	26.8	27.3	30	24.5	84.6	86	78.6	77	81.2	83.5	81.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	389.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	SW	SW	SSW	NW	60	93.3	69.7	49.1	272.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	Calm	S	SW	SW	N	SE	40	79.7	96.6	45.9	262.2	6	Ci.	Cu.	9	Ci.-S.	Cu.
3	SW	SW	SW	SW	SW	SW	44.8	69	129.5	97.7	341	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
4	SW	SW	SW	SW	SW	SW	101.4	105.1	129.8	103	439.3	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
5	SW	SW	SW	SW	SW	SW	117.7	133.8	140.2	94.1	485.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6	SW	SW	SW	SW	SW	SW	120.7	153.9	130.2	126.6	531.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	SW	SW	SW	SW	SW	SW	139	147.8	151.3	112.9	551	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8	S	S	SW	SW	SW	SW	79.1	111	135	76.2	401.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
9	SW	SW	SW	SW	SW	SW	103.5	103.3	120.4	102.7	429.9	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
10	SW	SW	SW	SW	SW	SW	99	136.5	149.5	127.6	512.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
11	SW	SW	SW	SW	SW	SW	151.5	155.1	142.6	113.5	562.7	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
12	SW	SW	SW	SW	SW	SW	138.4	137.1	129	97.2	501.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	SSW	SW	SW	SW	SW	SW	119.6	128.5	122.9	76.6	447.6	10	Ci.-S.	Cu.	8	Ci.	Cu.
14	S	SW	SW	SW	SW	SW	73.2	103	120.2	95.2	391.6	8	Ci.-S.	Cu.-N.	4	Ci.	Cu.
15	SW	SW	SSW	SW	SW	W	89.9	117.3	136.6	70.3	414.1	5	Ci.	Cu.	8	Ci.	Cu.
16	SW	SW	SW	SW	SW	SW	92.7	97.1	123.3	115.4	428.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
17	SW	SW	SW	SW	SW	S	103.2	114.5	125.3	114.8	457.8	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
18	S	SW	SW	SW	SW	SW	65.8	64.7	104.4	81.8	316.7	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
19	SW	SW	SW	SW	SW	S	73.4	85.9	118.1	68.7	346.1	10	Ci.-S.	Cu.	8	Ci.	Cu.
20	S	Calm	SW	SW	SW	SW	49.3	52.5	98.7	73	273.5	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
21	SW	S	SW	SW	SW	Calm	61.4	39.7	91.2	46.5	238.8	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
22	Calm	Calm	SW	SW	SW	SW	20.9	65.4	117.7	72.2	276.2	8	Ci.	Cu.	8	Ci.	Cu.
23	S	SW	SW	W	SW	SW	67.9	110.2	126.5	96.1	400.7	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
24	S	S	SW	SW	SW	W	87.7	112.5	106.4	80.2	386.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	SW	S	SW	SW	Calm	W	61.4	103.2	87.1	74.3	326	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26	S	S	SSW	SW	SW	SW	82.4	93.3	109.4	75	360.1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
27	SW	W	SSW	SW	SW	SW	45.9	72.9	83.1	45.4	247.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	SW	SW	SW	SW	SW	NE	25.2	55	76.9	32.4	189.5	7	Ci.	Cu.	6	Ci.	Cu.
29	Calm	Calm	W	SW	SW	Calm	11.1	37	70.8	36.2	155.1	2	------------	Cu.	8	Ci.-S.	Cu.-N.
30	N	Calm	NE	SE	W	Calm	31.6	34.1	69.8	14	149.5	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
31	Calm	Calm	Calm	SW	SW	W	34.3	30.3	83.2	44.1	191.9	7	Ci.	Cu.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	77.2	94.9	112.8	79.3	364.2	8.6	------------	------------	8.7	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	11,288.8	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.24	59.49	59.55	57.89	58.51	59.92	59.10	24	22.9	28.6	30.1	28.6	26.2	26.7	30.5	22.4	88	87	66	68	73	84	77.7	------
2	58.98	59.16	59.41	57.42	57.20	59.06	58.54	25.2	24.1	29.7	29.4	29.2	26	27.3	31.6	23.5	87	91	67	68	70	84	77.8	4.8
3	58.14	58.29	58.72	56.11	57.19	59.02	57.91	24.8	24.4	29.4	29.5	25.6	26	26.6	31.5	23	93	92	70	75	82	84	82.7	14
4	57.54	57.60	58.27	56.86	57.27	58.83	57.73	25	23.6	29	30.6	28	25.2	26.9	30.6	23	88	90	64	68	77	92	79.8	1.8
5	57.98	57.83	58.99	57.19	57.51	59.27	58.13	25.2	25.1	28.2	28.6	27.7	25.2	26.7	29.9	24.1	92	91	69	76	76	90	82.3	14.2
6	58.28	58.46	59.27	57.66	57.58	59.30	58.42	24.2	23.1	27.2	27.6	25.1	24	25.2	29.1	22.7	88	96	77	77	96	96	88.3	44.4
7	58.27	58.33	58.94	56.91	57.47	59.47	58.23	24	24.1	26.2	27.9	25.5	24.2	25.3	28.1	23	97	95	86	78	84	91	88.5	31.5
8	58	57.47	58.85	57.20	57.48	58.81	57.97	24.5	26	28	27.3	26.6	26.5	26.5	28.6	23.3	91	83	74	79	83	85	82.5	2.5
9	58.04	58	58.64	57.50	57.09	58.37	57.94	26	24.6	25.7	26.2	24.2	27.4	25.7	27.9	22.9	87	95	90	90	96	78	89.3	61.4
10	57.60	57.35	58.53	56.75	56.98	57.09?	57.38	27.4	25.1	24.3	25.3	25.1	24.8	25.3	27.5	22.3	82	99	97	93	82	87	90	97.8
11	55.89	55.48	56.07	55.27	55.13	55.94	55.63	24.2	26	27.5	25.6	27	24	25.7	28.5	22.1	97	88	81	84	80	96	87.7	81.3
12	55.69	55.40	56.30	54.84	54.96	56.33	55.59	26	26.6	27	28	27.4	27.6	27.1	28.1	23.4	84	84	84	80	81	80	82.2	7.9
13	55.73	55.89	56.84	55.46	56.11	57.88	56.32	27.4	27.1	26.9	29	27.8	27.2	27.6	29	23.4	81	83	81	76	75	83	79.8	52.6
14	57.47	57.53	57.13	56.25	57.15	58.66	57.36	24.6	24.2	28	29.5	27.6	26.7	26.8	29.9	22.4	93	90	81	64	80	86	82.3	------
15	57.88	57.91	58.45	56.76	57.02	59.03	57.84	27	26.5	30	28.6	27.5	26.2	27.6	30	25.4	80	84	71	77	81	89	80.3	------
16	57.62	57.73	58.16	56.20	57.02	58.49	57.54	25.4	25.4	29.6	29.5	28.1	25.5	27.2	31.2	23.9	93	88	70	74	81	88	82.3	------
17	57.67	58.15	58.89	57.11	57.19	58.83	57.97	25	24.1	30.1	31.2	28.6	26.5	27.6	31.5	23.7	93	95	67	62	70	82	78.2	9.1
18	57.98	58.27	58.82	56.59	56.82	58.91	57.90	25.2	24.5	29.7	30.1	28	26.5	27.3	31.5	23.4	90	89	69	71	77	85	80.2	------
19	57.77	57.61	58.45	56.79	56.84	58.92	57.73	25.5	25.1	29	30.5	28.4	28	27.8	30.5	24.3	91	90	73	72	75	77	79.7	1.3
20	57.74	57.62	58.26	56.36	56.42	57.67	57.34	27.2	26.7	29	30	28.1	28	28.2	30	25.1	83	83	71	72	80	79	78	7.1
21	56.86	57.48	57.50	55.75	56.15	57.81	56.92	27.6	26	28.5	29.1	28.1	27	27.7	29.5	23.8	82	82	81	77	80	89	81.8	61.5
22	56.98	57.32	58	56.80	57.31	58.88	57.55	26.8	26.6	28.5	29	28	27.5	27.7	29.7	23.8	90	91	81	78	82	81	83.8	------
23	58.75	58.93	59.26	57.87	58.32	59.75	58.81	27.5	26.6	28.5	29.1	27.6	26.8	27.7	29.6	25.5	78	81	78	70	76	80	77.2	------
24	59.37	59.42	59.92	58.46	58.69	60.35	59.37	25.2	26.6	29.2	29.6	27.6	27	27.5	30.1	25	86	83	72	71	75	80	77.8	------
25	58.80	58.61	59.40	57.60	57.65	58.57	58.44	27	27.2	29.5	30.1	28.1	27.8	28.3	30.6	26.1	80	80	74	71	77	79	76.8	2.3
26	57.50	57.32	57.94	56.40	56.84	57.95	57.32	27.6	27	29.2	28.5	28.1	27.2	27.9	30.5	25.6	80	84	75	81	77	86	80.5	4.8
27	56.86	56.51	57.04	56.06	56.89	58.46	56.97	27.5	27.6	29.6	28.2	28.3	27.8	28.2	30.4	25.4	85	84	74	83	80	82	81.3	------
28	57.86	58.32	58.76	57.40	57.96	59.30	58.27	27	27	29.3	30	28.4	27.8	28.2	30.5	24.5	87	84	76	71	82	86	81	10.7
29	59.12	59.23	59.67	58.11	58.44	59.86	59.07	26.4	26.2	28.6	29.5	28.1	28	27.8	30.1	23.9	82	90	77	75	77	77	79.7	10.2
30	58.86	58.92	59.83	58.25	58.35	59.54	58.96	27.5	26.7	29.1	29.3	27.6	27.4	27.9	30.1	25.9	82	83	76	62	77	78	76.3	3.8
31	57.36	57.06	58.09	56.47	57.75	58.37	57.52	27.6	27.6	28.2	29.3	27.7	26.6	27.8	30.1	24.1	80	81	76	79	79	84	79.8	14.5
Mean	57.80	57.83	58.45	56.85	57.20	58.67	57.80	26	25.6	28.4	28.9	27.5	26.5	27.2	29.9	23.9	86.8	87.6	75.7	74.9	79.4	84.5	81.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	539.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	SW	Calm	16.7	35.2	69.8	31.4	153.1	4	Ci.	Cu.	4	Ci.	Cu.
2	Calm	Calm	NE	SW	SW	Calm	20.7	25.4	82.7	26.7	155.5	3	Ci.	Cu.	5	Ci.	Cu.
3	Calm	N	NE	SW	Calm	NE	17.1	33.3	74.8	24.3	149.5	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
4	Calm	NW	SW	SW	SW	Calm	24.4	32	104.1	51.5	212	8	Ci.	Cu.	6	Ci.	Cu.
5	Calm	Calm	SW	SW	SW	Calm	20.6	59	100.9	52.6	233.1	9	Ci.-S.	Cu.-N.	6	Ci.	Cu.
6	S	W	SSW	SW	SW	W	47.3	69.5	105.1	79.4	301.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
7	W	SE	SW	SW	SW	W	65.7	54.1	96.4	67.4	283.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
8	Calm	SW	SW	SW	SW	S	44.5	------	------	51.3	------	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
9	S	SW	SW	SW	W	SW	70.3	109.1	123.1	118.5	421	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	SW	SW	SW	SW	SW	SW	138.2	128.5	154.3	145.4	566.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
11	SW	SW	SW	SW	SW	WSW	96.9	130.7	144.3	129.2	501.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	SW	SW	SSW	SW	SW	SW	109.6	129	145.3	142.7	526.6	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.SW
13	SW	SW	SSW	SW	SW	S	147.1	105.4	118.1	70.6	441.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
14	W	SW	SW	SW	SW	SW	47.7	73.8	98.5	57.9	277.9	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
15	SW	Calm	SW	SW	SW	SW	45.1	57.3	101.7	40.7	244.8	6	Ci.	Cu.	6	Ci.	Cu.
16	SW	Calm	Calm	SW	SW	N	25.7	20.1	78.4	31.7	155.9	6	Ci.	Cu.	8	Ci.	Cu.
17	Calm	Calm	NW	W	Calm	SE	17.1	27.4	44.9	25.9	115.3	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
18	N	Calm	N	SW	SW	NW	27	21.7	81.1	50.4	180.2	8	Ci.	Cu.	6	Ci.	Cu.
19	Calm	Calm	SW	SW	SW	SW	20.6	35.9	109.6	98	264.1	5	Ci.	Cu.	8	Ci.	Cu.
20	SW	SW	SW	SW	SW	SW	59.5	86.9	119.6	110.5	376.5	8	Ci.-S.	Cu.	8	Ci.	Cu.
21	SW	SW	SW	SW	SW	SW	106.2	103.5	------	------	------	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
22	SW	SW	SW	SW	SW	SW	------	------	146.1	98.4	------	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	S	S	SW	SW	SW	SW	69.8	76.1	112.5	58.5	316.9	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	SW	SW	SW	SSW	SW	SW	40	98.7	117.5	62.3	318.5	7	Ci.	Cu.	5	Ci.	Cu.
25	SW	SW	SW	SW	SW	SW	95.5	137	------	------	------	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.
26	SW	SW	SW	SW	SW	SW	120.2	121.7	141	131.8	514.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27	SW	SW	SW	SW	SW	SW	143.2	153.4	159.1	121.8	577.5	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
28	SW	SW	SW	SW	SW	SW	122.3	140.5	147.1	114.3	524.2	8	Ci.-S.	Cu.	8	Ci.	Cu.
29	SW	SW	SW	SW	SW	SW	99.3	106	144.5	114.1	463.4	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
30	SW	SW	SW	SW	SW	SW	119.1	126	148.3	133.3	527.2	6	Ci.	Cu.	3	Ci.	Cu.
31	SW	SW	SW	SW	SW	SW	149.2	167.8	156.9	115.6	589.5	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	70.9	85	115.2	81.2	347.8	8.3	------	------	8	------	------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.75	56.83	58.29	56.42	57.52	58.01	57.30	27.8	27	24.8	28	26.8	26.8	26.9	28.9	22.6	84	85	85	77	78	84	82.2	15
2	56.28	56.38	57.80	55.86	56.13	57.32	56.63	27.8	27.9	28.3	28.1	27.6	25.8	27.6	30.4	25.7	83	82	80	82	76	97	83.3	56.9
3	55.92	56.87	56.73	55.07	55.37	57.37	56.22	27	24	28	28.6	27.3	28	27.2	28.6	23.3	87	100	85	83	90	85	88.3	33.5
4	55.98	56.01	56.58	55.07	55.13	56.78	55.92	27	26	26.2	28.5	27.1	27.2	27	28.8	23.5	83	84	90	81	37	86	85.2	70.3
5	56.18	55.64	56.76	54.88	54.93	56.47	55.81	27.2	26.5	28.7	28.5	27.7	27.9	27.8	29.5	23.2	86	86	80	75	79	81	81.2	8.9
6	55.94	55.61	56.35	54.55	55.35	56.51	55.72	26	27.1	29.2	29.1	27.8	27.9	27.8	29.9	25.5	88	83	76	81	83	84	82.5	19.6
7	55.82	55.53	56.37	55.30	55.81	56.72	55.92	27.8	26.7	28.4	29.1	26.4	27.5	27.6	29.7	24.9	86	90	80	81	93	84	85.7	28
8	55.84	55.90	57.33	55.43	56.03	57.39	56.32	25.6	25.1	26	27.4	27.6	27.2	26.5	28	23.3	89	92	88	88	79	83	86.5	53.5
9	56.24	56.21	57.24	55.94	57.22	58.25	56.85	24.5	27.5	27.5	25.3	25.4	25.6	26	28.5	23.2	87	82	83	88	88	92	86.7	64.5
10	57.17	57.59	58.42	57.26	57.36	58.83	57.77	25.5	25.6	28.2	27.6	27.2	27.2	26.9	28.8	22.8	86	91	82	81	83	83	84.3	13
11	57.98	58.38	59	57.20	58.16	59.75	58.41	27.2	26.6	28.7	29.1	27.6	25	27.4	29.8	24.8	84	88	80	81	80	92	84.2	7.9
12	58.54	58.31	59.32	57.21	58.26	59.26	58.48	27.1	25.3	27.6	27.6	26.9	26.2	26.8	29.6	22.9	79	86	80	81	80	84	81.7	------
13	58.34	58.27	59.21	57.67	58.24	59.52	58.54	26.5	25.1	28.2	25.6	25.1	25.2	26	28.9	22.7	82	76	72	83	87	85	80.8	23.6
14	58.89	58.49	59.44	57.81	57.86?	60.45	58.82	25.5	23.4	27.1	28.5	27.3	27	26.5	29	21.8	88	88	72	78	82	82	81.7	------
15	59.07	59.58	60.36	57.91	57.96	59.69	59.10	25.6	24.2	28.4	29.6	28.5	26	27	30.4	23.6	92	95	72	71	71	84	80.8	------
16	59.04	59.09	59.67	57.35	57.62	59.16	58.66	24.4	23.6	28.4	29.6	28	26.6	26.8	30.3	22.9	92	90	72	74	76	84	81.3	------
17	58.10	58.47	58.72	56.46	56.94	59.21	57.98	24	23.3	28.5	29.6	28.1	27	26.8	30.9	22.9	96	93	78	72	79	84	83.7	------
18	58.64	58.70	59.45	57.61	58.59	60.02	58.84	25.9	25.2	29.4	29.7	28.1	25.8	27.4	30.5	24	88	90	75	74	77	88	82	------
19	59.68	59.91	60.65	58.28	59.26	61.02	59.80	24.8	24.1	29.3	30.4	28.1	26	27.1	31.9	23.5	95	91	66	66	79	84	80.2	------
20	60.08	60.01	60.64	58.71	59.43	60.25	59.85	24.2	24.6	30.1	28.1	25.1	24.2	26	30.5	23.8	90	91	70	63	83	86	80.5	------
21	59.23	59.01	60.12	57.61	58.08	59.50	58.92	23.5	23.1	29.5	28.5	24.5	24.1	25.5	31.1	22.5	91	90	68	78	92	96	85.8	44.2
22	58.17	58.04	59.15	56.77	57.34	58.89	58.06	25	24.1	28.5	28.2	27.6	26	26.6	29.6	23.6	90	91	77	80	82	87	84.5	------
23	57.50	57.33	58.12	57.42	57.11	58.22	57.62	24.6	24	29.4	24	25.6	24.6	25.4	31.1	23.4	93	95	66	95	81	91	86.8	15
24	57.20	57.06	58.25	56.32	57.20	58.79	57.47	25.6	26.6	28.7	29.8	28.1	25	27.3	30.2	23.5	84	84	76	75	77	92	81.3	15.5
25	57.70	57.52	58.70	56.40	57.71	59.39	57.90	24	24.1	28.6	29.1	26.6	23.6	26	29.5	22.4	96	95	73	74	83	92	85.5	89.1
26	58.40	58.50	59.05	57.53	58.14	59.32	58.49	23.7	23.7	25.5	26.6	26.4	23.8	25	27.5	22.5	99	95	84	80	79	89	87.7	21.8
27	58.89	59.14	59.54	56.44	57.56	59	58.43	24.8	24.6	25.1	27.1	25.7	25.8	25.5	27.8	22.6	92	92	91	85	94	93	91.2	34.1
28	57.87	58.77	59.90	57.31	58.20	59.56	58.60	26.6	24.1	27.5	29	27.6	27	27	29	23.5	88	95	81	74	84	87	84.8	2
29	58.68	58.72	59.42	57.32	58.45	59.90	58.75	26.8	26.5	29.5	29.6	27.7	27.5	27.9	30.1	25.9	89	87	73	77	83	84	82.2	------
30	58.92	59.07	59.70	57.70	58.87	59.98	59.04	26.4	26.1	29	30.1	28	24.8	27.4	30.6	24.6	87	88	76	68	74	85	79.7	------
Mean	57.77	57.83	58.68	56.76	57.39	58.82	57.87	25.7	25.2	28.1	28.3	27	26.1	26.8	29.6	23.5	88.5	89.2	77.7	78.2	82	86.9	83.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	616.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SW	SW	134.7	133	153.9	106.8	528.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
2	SW	SW	SW	SW	SW	SW	146.2	142.2	127.6	111	527	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3	SW	SW	SW	SW	SW	SW	151.8	123.9	142.4	131.4	549.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
4	SW	SW	SW	SW	SW	SW	125	129.3	143.7	118.6	516.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
5	SW	SW	SW	SW	SW	SW	132.3	140.8	155.1	151.8	580	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6	SW	SW	SW	SW	SW	SW	130.6	149.5	155	140	575.1	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
7	SW	SW	SW	SW	SW	SW	116.9	158.5	158.9	105.1	539.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
8	SW	SW	SW	SW	SW	SW	106.7	98.2	109.1	94.4	408.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	SW	SW	SW	SW	SW	S	99.5	118.3	125.5	89.6	432.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	SW	S	SW	SW	SW	SW	78.6	99	108.6	101.2	387.4	5	Ci.	Cu.	9	Ci.-S.	Cu.
11	SW	SW	SW	SW	SW	SW	102.7	121.3	135.4	106.5	465.9	9	Ci.-S.	Cu.-N.	8	Ci.	Cu.
12	SW	SW	SW	SW	SW	S	109.4	154	126.8	58.4	448.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	SW	S	SW	SW	S	S	82.1	85.6	80.2	56.3	304.2	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
14	SW	SW	S	SW	SW	SW	57.6	56.3	107.5	78.9	300.3	8	Ci.-S.	Cu.	6	Ci.	Cu.
15	SW	Calm	SW	SW	SW	Calm	28.4	61	108.9	28	226.3	4	Ci.	Cu.	3	Ci.	Cu.
16	SW	Calm	SW	SW	SW	SW	18.8	48.3	119.6	70.8	257.5	2	------------	Cu.	4	Ci.	Cu.
17	W	Calm	SW	SW	SW	SW	26	41.2	107.5	80.5	255.2	3	Ci.	Cu.	5	Ci.	Cu.
18	Calm	Calm	SW	SW	SW	SW	18	48.8	112.3	47.5	226.6	8	Ci.-S.	Cu.-N.	4	Ci.	Cu.
19	W	W	SW	SW	SW	NW	25.9	48.1	78.9	31.1	184	2	------------	Cu.	4	Ci.	Cu.
20	Calm	Calm	SW	SW	NE	N	17.9	40.2	75.6	28.7	162.4	2	------------	Cu.	8	Ci.-S.	Cu.-N.
21	N	NW	NE	SW	Calm	SE	20.6	27.9	49.9	25.1?	123.5	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
22	SE	Calm	SW	SW	Calm	NE	34.1	48.1	50.9	38.8	171.9	4	Ci.	Cu.	10	Ci.-S.	Cu.
23	Calm	Calm	SW	NW	NW	Calm	19.9	38.4	52.1	19.8	130.2	3	Ci.	Cu.	10	Ci.-S.	Cu.
24	W	SW	SW	SW	SW	SW	52.5	115.7	107.2	59.2	334.6	4	Ci.	Cu.	6	Ci.	Cu.
25	SW	Calm	SW	SW	SSW	SW	48.5	82.4	125.8	91.2	347.9	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
26	W	SE	SW	SW	SW	SW	35.6	84.7	112.9	73.7	306.9	10	Ci -S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27	Calm	S	SW	SW	SW	S	65.4	82.7	79.1	60.4	287.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	SW	SW	SW	SW	SW	S	81.9	79.1	89.6	37.8	288.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	S	S	SW	SW	SW	SW	51.3	94.6	108.4	64.4	318.7	10	Ci.-S.	Cu.-N.	4	Ci.	Cu.
30	SW	Calm	SW	SW	SW	Calm	24.7	51.3	95.2	31.7	202.9	9	Ci.-S.	Cu.	4	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	71.5	90.1	110.1	74.6	346.3	7.2	------------	------------	8	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,388.3	-----	------------	------------	-----	------------	------------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.23	59.87	60.39	57.51	58.34	60.16	59.25	24	23.7	29.5	30.1	28.1	25.2	26.8	31.6	23	90	91	73	65	77	83	79.8	------
2	59.10	59.28	60.46	57.79	58.50	60.42	59.26	25	24.1	30.5	32.5	29	28	28.2	32.6	23.8	88	91	71	59	78	83	78.3	------
3	59.54	59.57	60.71	58.23	59.14	60.68	59.64	25.4	25	29.5	32	29.5	27	28.1	32.1	24.5	90	92	75	52	61	75	74.2	------
4	60.05	59.57	60.51	58.24	58.81	60.44	59.60	25	24.6	29.7	31.5	28.8	27	27.8	32.7	24.3	88	91	70	54	67	77	74.5	------
5	59.96	60.32	61	58.70	59.59	60.93	60.08	25.8	24.1	29.5	31.3	28.1	25.7	27.4	31.9	23.7	81	91	68	61	72	86	76.5	------
6	59.88	59.91	60.75	58.71	59.12	60.13	59.75	24.2	24.5	29.4	30.2	28.6	26	27.2	31.4	23.4	90	87	70	68	78	85	79.7	3
7	59.47	59.54	60.32	58.14	58.99	60.66	59.52	25	24.6	28.5	31	28.6	26	27.3	31.2	24	88	92	74	62	76	87	79.8	------
8	59.88	60.41	61.60	58.61	59.90	61.18	60.26	24.5	24.8	27.9	30.5	27	25.9	26.8	31.2	23.9	92	92	77	65	84	87	82.8	21.3
9	60.18	60.67	61.45	58.76	59.51	61.18	60.29	25	25.1	28.6	30.6	28.6	25.6	27.2	31.1	24.1	93	91	79	68	76	84	81.8	1.8
10	59.91	60.03	61.09	58.89	59.74	60.50	60.03	23.6	23.6	29.8	29.1	28	25.2	26.6	30.9	22.9	91	90	68	74	81	86	81.7	------
11	59.18	59.19	59.94	57.50	58.74	59.91	59.08	24.2	23.6	28.7	31.1	27.2	25.6	26.7	32	22.9	85	87	69	62	84	84	78.5	------
12	59.27	59.39	60.17	57.61	58.56	59.63	59.10	24.5	23.5	28.7	30.5	28.1	25.5	26.8	31.1	22.5	87	88	71	62	79	83	78.3	------
13	59.67	60.07	60.85	58.57	59.54	61.13	59.97	24.4	24.5	28.8	30.1	28.1	25	26.8	30.5	24	88	86	69	64	73	85	77.5	------
14	60.36	60.77	61.54	58.99	59.51	61.23	60.40	24.2	24.5	29.1	30.6	28	24.8	26.9	30.6	23.8	88	87	64	64	71	83	76.2	------
15	60.21	60.38	61.22	58.32	58.97	60.41	59.92	24.2	23.6	29.5	30.6	28.6	25.2	27	31.3	23	82	86	66	58	66	83	73.5	------
16	59.81	60.56	61.25	58.49	59.30	60.66	60.01	24.6	25.6	28.5	30.9	28.6	25.2	27.2	30.9	24	87	83	67	57	63	83	73.3	------
17	60.46	61.03	61.82	58.92	59.73	61.12	60.51	24	24.6	29.2	30.6	28.8	25.6	27.1	30.9	23.4	86	87	66	62	66	85	75.3	10.4
18	60.22	60.79	61.71	59.19	59.50	60.36	60.30	24.6	23.6	28.6	30	28.4	25.4	26.8	30.6	22.8	87	90	74	62	68	85	77.7	------
19	59.91	60.02	61.21	58.50	59.33	60.93	59.98	24.7	24.1	29.5	31.5	29.3	25.8	27.5	31.9	24	88	91	68	56	64	81	74.7	------
20	59.92	60.73	61.50	58.92	60.30	61.56	60.49	26	25.6	29.5	30.5	26.6	25	27.2	31.2	24.3	86	87	68	60	80	87	78	------
21	60.91	61.27	61.99	59.48	60.34	61.72	60.95	24.2	24.2	29.2	31.5	27.5	25.8	27.1	32.4	23.6	88	90	73	63	73	81	78	------
22	60.84	60.89	61.34	59.24	60.16	61.03	60.58	24.8	24.7	29.3	31.1	28	25.8	27.3	31.4	24	87	91	72	56	67	81	75.7	------
23	59.91	60.18	61.14	59.19	59.96	61.43	60.30	24.8	24.2	30	31	28.1	25	27.2	31.4	23.6	87	91	67	55	79	88	77.8	------
24	60.68	60.91	61.54	59.02	60.04	61.46	60.61	24.8	24.6	28.7	30.1	28.6	24.8	26.9	30.8	23.9	89	86	69	58	66	89	76.2	3.6
25	60.41	60.48	61.21	59.55	60.82	62.18	60.78	24.1	24	28	27.1	25.1	23.7	25.3	29.6	23.2	89	91	76	79	83	90	84.7	------
26	60.53	60.88	61.55	59.02	59.62	60.72	60.39	23.5	23.7	27.5	28.1	27.2	25	25.8	29.5	23	87	86	73	72	76	88	80.3	2
27	59.76	60.32	61.05	58.32	58.86	60.77	59.85	24.8	24.6	29	30	28.4	25	27	30.6	23.3	89	90	65	56	64	80	74	------
28	60.53	60.78	61.80	59.02	59.81	61.10	60.51	23.8	23.9	29.6	30.9	28.4	25.8	27.1	31.4	23.1	88	87	64	48	64	78	71.5	------
29	60.09	60.72	61.70	58.91	59.44	60.63	60.25	25.4	24.6	29.6	31	27.6	25.5	27.3	31.4	24.3	82	89	63	48	69	80	71.8	------
30	59.97	60.58	61.47	58.29	59.37	61.18	60.14	24.8	23.8	29.1	30.1	28.6	26	27.1	31	23.3	83	86	64	55	63	78	71.5	------
31	60.21	60.81	61.51	59.30	60.51	61.13	60.58	24.5	24.6	29.6	30.6	28.8	25.2	27.2	31	24.3	87	91	64	55	63	82	73.7	7.9
Mean	60	60.32	61.15	58.64	59.49	60.86	60.08	24.6	24.3	29.1	30.5	28.1	25.6	27.1	31.2	23.6	87.5	89	69.6	60.6	72	83.5	77	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	50

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	SW	SW	N	19.2	22.5	70.8	38.8	151.3	5	Ci.	Cu.	3	------------	Cu.
2	N	Calm	N	E	SW	SE	23.9	26.2	58.4	30.9	139.4	3	------------	Cu.	7	Ci.	Cu.
3	N	N	NE	NE	NE	NE	39.7	67	81.3	29.3	217.3	8	Ci.	Cu.	7	Ci.	Cu.
4	N	N	NE	NE	SW	Calm	52.1	61.5	50.9	24.1	188.6	4	------------	Cu.	3	------------	Cu.
5	NE	Calm	NE	NE	NW	NW	41.5	52	58.1	60.9	212.5	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
6	N	NE	NE	NW	N	N	48.3	74.5	65.4	63	251.2	3	------------	Cu.	9	Ci.-S.	Cu.-N.
7	N	N	NE	NE	NE	NE	60	93.3	108.9	75.1	337.3	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.
8	N	N	N	N	N	NE	58.7	100	84.2	54.7	297.6	6	Ci.	Cu.	9	Ci.-S.	Cu.
9	NE	NE	NE	NE	NE	N	56.1	73.2	99.8	55.2	284.3	7	Ci.-S.	Cu.	5	Ci.	Cu.
10	Calm	N	NE	N	N	N	38.3	75.6	91.2	56.3	261.4	4	Ci.	Cu.	7	Ci.	Cu.
11	N	N	NE	E	W	NW	65.7	81.9	69.7	27.4	244.7	3	------------	Cu.	7	Ci.	Cu.
12	N	N	E	NE	NE	N	42	69	63.3	67.8	242.1	3	------------	Cu.	4	Ci.-S.	Cu.
13	N	N	NE	NE	NE	N	92.2	100.9	122	70.8	385.9	5	Ci.	Cu.	5	------------	Cu.
14	N	N	NE	E	NE	N	86.3	124.4	134.1	81	425.8	5	Ci.	Cu.	4	------------	Cu.
15	N	N	NE	NE	NE	N	86.4	100.4	124.9	86.1	397.8	4	Ci.	Cu.	6	Ci.	Cu.
16	N	NE	NE	E	NE	N	82.3	100.1	130.4	81.6	394.4	9	Ci.-S.	Cu.-N.	4	Ci.	Cu.
17	N	N	NE	NE	N	N	71.3	108.9	127.9	85.5	393.6	8	Ci.	Cu.	3	------------	Cu.
18	N	N	NE	NE	NE	N	97.7	111.6	137.1	91.1	437.5	10	Ci.-S.	Cu.-N.	4	Ci.	Cu.
19	N	NW	NE	E	SE	NW	84.8	79.4	57.6	55	276.8	2	------------	Cu.	7	------------	Cu.
20	N	NE	NE	ENE	NW	N	30.3	40.8	80	66	217.1	8	Ci.-S.	Cu.	7	Ci.	Cu.
21	N	N	NE	NE	N	N	49.1	83.9	87.1	88.7	308.8	5	Ci.	Cu.	5	Ci.	Cu.
22	N	N	NE	NE	N	N	88.7	108.6	136	101.4	434.7	4	Ci.	Cu.	4	------------	Cu.
23	N	N	NNE	NE	NE	N	76.2	132.8	162.8	91.7	463.5	3	------------	Cu.	4	------------	Cu.
24	N	N	NE	NE	NE	N	110.4	132.2	171.8	106.2	520.6	3	------------	Cu.	5	Ci.	Cu.
25	N	N	NE	NE	NE	N	110.2	158.2	180.1	108.6	557.1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
26	N	N	N	NE	NE	N	66.6	127.4	126	70.5	390.5	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
27	N	N	NE	NE	N	N	81	142.2	152.1	78.9	454.2	8	Ci.-S.	Cu.-N.	2	------------	Cu.
28	N	N	NE	NE	NE	N	101.1	125.8	120.9	82.9	430.7	4	Ci.	Cu.	3	------------	Cu.
29	N	N	NE	NE	N	N	102.5	138.2	155.8	102.2	498.7	6	Ci.-S.	Cu.	4	------------	Cu.
30	N	N	NE	NE	NE	N	101.9	139.8	154.7	91.9	488.3	2	------------	Cu.	5	------------	Cu.
31	NW	N	NE	NE	NE	N	93.5	137.4	142.9	95.5	469.3	8	Ci.	Cu.	4	------------	Cu.
Mean	------	------	------	------	------	------	69.6	96.4	109.9	71.6	347.5	5.5	------------	------------	5.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,773	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.49	60.98	61.75	59.25	60.52	61.95	60.82	24.6	23.8	29.1	30.6	28.3	25.6	27	30.9	23.4	90	91	74	65	78	85	80.5	------
2	60.95	61.03	61.79	59.05	59.89	61.63	60.72	25	24.6	28.6	30.1	28	25.1	26.9	30.1	24	90	91	73	59	73	83	78.2	------
3	60.11	60.09	60.90	58.01	58.71	60.15	59.66	24.5	23.6	29.1	31	28.3	25.5	27	31.5	23.4	87	90	62	53	66	80	73	------
4	59.91	60.21	60.90	58.66	59.82	60.93	60.07	24.8	24.5	29	28.9	27.1	23.4	26.3	31.5	22.8	83	89	71	71	83	88	80.8	------
5	60.13	60.29	60.90	58.26	59.45	60.33	59.89	23	23.5	29.5	31.1	27.5	26	26.8	31.1	22.4	86	86	66	58	76	84	76	------
6	59.27	59.38	60.21	57.76	58.01	59.63	59.04	24.6	24.1	30.2	30.6	29.1	25.5	27.4	31.4	23.6	91	91	70	58	66	75	75.2	------
7	59.03	59.10	59.65	57.44	57.84	59.44	58.75	23.8	24	30	31.5	28.6	25.5	27.2	32	23.5	85	87	59	46	63	81	70.2	------
8	58.87	58.99	59.37	56.98	57.54	59.34	58.52	24.5	24.6	30.1	31.1	29.1	25.5	27.5	31.9	23.7	87	87	65	58	64	84	74.2	------
9	58.69	58.94	59.84	57.71	58.69	59.93	58.97	25	24.6	29.5	31	29.5	27	27.8	31.5	23.9	85	87	68	59	62	77	73	------
10	58.90	59.06	59.39	57.36	58.11	59.42	58.71	25.2	24.6	29.5	31	28.6	25.8	27.4	31.1	24	90	92	66	60	65	82	75.8	------
11	58.60	58.65	59.21	56.67	57.44	58.90	58.24	25.2	24.6	28.8	31	28.6	25.6	27.3	31.5	24.3	85	87	59	47	60	78	69.3	------
12	58.53	58.73	59.54	56.96	57.50	59.26	58.42	24.8	24.6	29.5	31	28.2	26	27.4	31.5	24.3	83	82	65	52	65	78	70.8	------
13	58.74	59.08	59.76	57.19	58.35	59.68	58.80	24.5	24.6	30	30.1	28.2	26	27.2	30.7	24.3	83	87	65	61	75	84	75.8	------
14	59.17	59.30	60.02	57.15	57.84	59.63	58.85	25.1	25	29.6	31	29.1	25.8	27.6	31.4	24.5	89	88	62	56	70	81	74.3	------
15	58.37	58.68	59.52	56.91	57.94	59.61	58.50	24.9	25	30.1	31	28.5	25.2	27.4	31.4	24.5	84	88	64	50	64	82	72	------
16	58.74	58.88	59.35	56.20	56.77	58.65	58.10	24.5	24.1	29	31.1	29	25.4	27.2	31.6	23.7	86	87	64	49	62	80	71.3	------
17	58.13	58.09	59.22	56.57	57.25	58.86	58.02	24.4	24	29	30.6	29.2	26	27.2	31.4	23.9	88	90	69	58	63	82	75	------
18	58.17	58.25	59.52	57.21	58	59.67	58.47	25.2	24.6	29	31.4	28.1	25.5	27.3	31.5	24.3	88	91	68	54	74	84	76.5	------
19	59.17	58.93	60.06	57.75	58.69	60.26	59.14	25	25	30	31	29.5	26.5	27.8	31.3	24.3	83	88	69	57	64	80	73.5	------
20	59.27	59.43	60.74	58.31	58.77	60.32	59.47	25.2	25.1	29.5	31.1	29.7	26.2	27.8	31.4	24.4	87	89	71	58	64	81	75	------
21	59.62	59.69	60.45	57.90	58.62	60.06	59.39	24.6	25	30.6	32	29	26	27.9	32.1	24.4	90	92	63	54	68	82	74.8	------
22	59.60	59.53	60.44	58.22	58.77	60.22	59.46	25.2	25.1	29.6	30	27.7	25	27.1	31.1	24.3	86	88	68	62	76	88	78	------
23	59.53	59.54	60.42	58.32	58.81	59.92	59.42	24.6	24.5	29.4	30.9	28.9	25.8	27.4	30.9	24.1	91	92	64	57	64	79	74.5	------
24	59.29	59.78	60.57	57.72	58.52	60.06	59.32	25.4	25.1	30	31	28.9	26.3	27.8	32.1	24.6	87	89	62	63	75	86	77	------
25	58.57	58.55	59.30	57.41	58.85	60.23	58.82	25.2	25	30	30.5	28.1	26	27.5	31	24.6	90	91	68	63	77	88	79.5	------
26	58.93	58.73	58.64	55.57	57.87	60.13	58.31	24.5	24.6	27.4	25.6	26.9	25.2	25.7	27.5	24.2	91	90	78	91	82	88	86.7	2.8
27	59.36	60.03	60.70	58.12	59.16	60.52	59.65	24.5	24.1	30	31.1	29.2	26.2	27.5	31.6	23.9	89	91	68	65	67	81	76.8	------
28	59.32	59.36	60.04	57.04	58.02	59.04	58.80	25.2	24.5	29.2	30.3	28	26	27.2	30.7	24.2	87	89	57	54	70	81	73	------
29	58.17	58.20	59.52	57.39	58.45	60.21	58.66	24.5	24.1	29.1	31	28.2	26	27.2	31.3	23.8	89	91	62	53	73	82	75	------
30	58.95	58.75	60.19	57.79	58.81	59.82	59.05	25.2	25.1	30	31.5	29.1	26.2	27.8	32	24.6	86	88	65	54	66	82	73.5	------
Mean	59.15	59.28	60.06	57.56	58.43	59.93	59.07	24.8	24.5	29.5	30.7	28.5	25.7	27.3	31.2	24	87.2	89	66.2	58.2	69.2	82.2	75.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NW	69	90.3	120.5	103.8	383.6	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
2	N	N	NE	NE	NE	NE	83.2	131.7	155.5	75	445.4	4	Ci.	Cu.	4	---------	Cu.
3	N	N	NE	NE	NE	N	104.8	128.4	135.8	68.1	437.1	1	---------	Cu.	3	---------	Cu.
4	N	N	NE	NE	Calm	N	89.1	93.1	66.5	60	308.7	4	---------	Cu.	10	Ci.-S.	Cu.-N.
5	N	NE	NE	NE	NW	N	35.7	65.5	75.6	46.2	223	7	Ci.	Cu.	5	Ci.	Cu.
6	N	NE	NE	E	NE	N	66.5	110	105.1	89.5	371.1	8	Ci.-S.	Cu.	4	---------	Cu.
7	N	N	NE	NE	NE	N	84.5	125.8	128.2	74.5	413	6	Ci.	Cu.	4	Ci.	Cu.
8	NE	N	NE	NE	NE	NE	82.7	131	126.5	73.7	413.9	2	---------	Cu.	4	---------	Cu.
9	NE	N	ENE	E	NE	N	71.9	82.7	95.3	99	348.9	2	---------	Cu.	4	---------	Cu.
10	NE	N	NE	NE	NE	N	78.6	141.1	166	89	474.7	3	---------	Cu.	4	---------	Cu.
11	N	NE	NE	NE	NE	N	91.1	144.3	153.1	111.8	500.3	7	Ci.-S.	Cu.-N.	4	---------	Cu.
12	N	N	NE	NE	NE	N	118	118.1	133.3	95.5	464.9	6	Ci.	Cu.	3	---------	Cu.
13	N	N	NE	NE	N	N	94.6	133.8	125.5	75.4	429.3	2	---------	Cu.	4	---------	Cu.
14	N	N	NE	NE	NE	N	82.7	108.9	105.1	94.6	391.3	7	Ci.	Cu.	4	Ci.	Cu.
15	N	N	NE	NE	NE	N	108.1	131.8	156.4	83.4	479.7	7	Ci.	Cu.	4	---------	Cu.
16	N	N	NE	NE	NE	N	88.2	124.9	143.4	86.3	442.8	4	Ci.	Cu.	3	---------	Cu.
17	N	N	NE	NE	NE	N	65.4	120.5	115.3	98.2	399.4	7	Ci.	Cu.	4	---------	Cu.
18	N	N	NE	NE	N	N	88.3	124.9	107.6	91.5	412.3	3	---------	Cu.	5	---------	Cu.
19	N	N	NE	NE	NE	N	91.9	131	132.6	100.1	455.6	2	---------	Cu.	4	---------	Cu.
20	N	N	NE	E	N	N	100.9	120.5	95.8	86.6	403.8	7	Ci.-S.	Cu.	5	---------	Cu.
21	N	N	NE	NE	NE	N	89	111.6	118.6	74	393.2	3	---------	Cu.	3	---------	Cu.
22	N	N	NE	NE	N	N	80.5	141.4	147.6	101.6	471.1	7	Ci.	Cu.	8	Ci.-S.	Cu.
23	N	N	NE	NE	NE	N	82.6	153.4	147.8	50.1	433.9	3	---------	Cu.	7	Ci.	Cu.
24	N	N	NE	N	NE	N	105.1	126	115.3	91.4	437.8	5	Ci.	Cu.	5	Ci.	Cu.
25	N	N	NE	NE	NE	N	88.5	124.5	170	90.3	473.3	8	Ci.-S.	Cu.	8	Ci.	Cu.
26	N	N	N	N	NE	N	104.4	133.8	220.7	67.4	526.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.NE
27	NW	N	NE	NE	NE	N	58.4	90.7	103.5	88.2	340.8	8	Ci.	Cu.	6	Ci.-S.	Cu.
28	N	N	NE	NE	NE	N	107	168.6	188	110.7	574.3	4	Ci.	Cu.	5	Ci.	Cu.
29	N	N	NE	NE	NE	N	106.7	130.6	140.3	96.4	474	5	Ci.	Cu.	3	---------	Cu.
30	N	N	NE	NE	NE	N	90.9	130.7	151.5	93.3	466.4	5	Ci.	Cu.	8	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	86.9	122.3	131.5	85.5	426.3	5.2	---------	---------	5	---------	---------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12,789.9	----	---------	---------	----	---------	---------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.27	59.33	59.81	57.83	58.59	60.33	59.19	25.5	25	28.6	31.5	29.4	25.5	27.6	31.7	24.6	84	88	71	51	59	80	72.2	------
2	59.68	59.64	60.57	58.29	59.04	60.36	59.60	24.6	24.6	29.2	31	29	25.6	27.3	31.1	23.1	82	87	65	56	68	81	73.2	12.7
3	59.38	59.43	60.45	58.02	58.85	59.97	59.35	24.2	24.6	29	31	28.6	26	27.2	31	23.5	90	87	70	53	70	84	75.7	------
4	58.92	59.05	60.07	57.90	58.70	59.78	59.07	25.2	24.5	29	30.1	28.6	26.1	27.2	31.1	24.1	88	92	71	68	77	87	80.5	------
5	58.67	58.83	59.69	57	58.37	59.92	58.75	25	25	29	31	29	26	27.5	31.9	24.5	91	92	74	62	71	84	79	8.6
6	58.94	59.07	59.84	57.34	58.60	59.62	58.90	25.2	25	28.6	30.8	28.2	26	27.3	30.8	24.1	88	88	73	63	78	87	79.5	3
7	59.17	59.14	60.13	57.74	58.51	59.88	59.10	24	24.2	28	29.4	28.1	25.1	26.5	30.1	23.7	91	91	81	64	73	87	81.2	------
8	58.83	58.84	59.21	56.94	57.51	59.55	58.48	24.8	24.5	29.9	29.7	27.5	25	26.9	30.9	24	88	89	69	63	66	83	76.3	------
9	58.62	58.39	59.60	57.39	58.21	59.27	58.58	24.6	24.1	28	30.1	27.6	25.4	26.6	30.9	23.8	87	90	70	58	70	84	76.5	------
10	58.43	58.60	59.15	57.20	58.23	59.05	58.44	24.8	25.1	29.5	30	28.1	25.2	27.1	30.2	24.4	88	87	64	62	67	83	75.2	7.9
11	58.63	58.89	59.57	57.02	57.63	59.07	58.47	25.1	24.5	26.5	28.2	27	25	26	29.1	23.8	87	92	84	71	78	90	83.7	.8
12	58.37	58.04	59.79	56.94	58.36	59.23	58.46	25.2	25.2	29.5	30.1	27.7	25.2	27.2	30.1	24.5	87	87	69	68	76	86	78.8	------
13	58.63	59.18	60.09	57.97	58.81	60.30	59.16	24.8	24.8	29.5	29.8	27.2	24.5	26.8	30.7	24.1	88	92	59	58	72	87	76	------
14	59.55	59.89	61.25	58.36	58.90	60.41	59.73	23.4	22.6	28.7	30.4	27.6	24.1	26.1	31	22.4	92	90	63	39	58	74	69.3	------
15	59.49	59.18	60.37	58.47	59.40	60.79	59.62	23.8	24	28.2	30.3	27.6	24	26.3	31.3	22.6	80	87	65	47	63	75	69.5	------
16	60.39	61.05	61.95	59.48	59.96	61.58	60.74	23.2	22	28.7	30.7	27.7	25.8	26.4	31.3	21.3	76	82	63	52	71	82	71	------
17	60.84	61.67	62.02	59.76	60.56	61.22	61.01	25	24.1	29.1	30.1	28	24.8	26.8	30.9	23.5	88	91	64	52	56	75	71	------
18	60.77	61.39	62.61	59.90	60.56	60.93	61.03	23.8	22.7	28.6	29.1	27.6	24.5	26	29.9	22.5	81	89	66	57	70	82	74.2	------
19	60.01	60.33	61.27	59.31	59.59	60.78	60.22	23.8	23.3	28.6	29.6	28.1	25	26.4	30.1	22.1	85	90	60	58	66	80	73.2	------
20	59.49	59.74	60.61	58.19	59.65	59.93	59.60	23.8	23.6	28.5	29.5	27.8	25.2	26.4	31	22.9	85	88	70	64	68	86	76.8	------
21	59	58.98	59.95	57.31	58.77	59.57	58.93	25	24.6	29.5	30.1	27.2	26.2	27.1	30.5	24.3	88	91	71	71	86	86	82.2	------
22	58.93	59.34	60.19	57.41	58.75	59.65	59.04	25.2	24.6	30.1	32	29.2	26.1	27.9	32.4	24.3	88	91	68	52	66	83	74.7	------
23	58.97	59.93	61.02	58.75	59.37	61.03	59.84	24.2	23.5	29	31.1	28.6	25.2	26.9	31.4	23	90	90	70	54	66	83	75.5	------
24	60.21	60.34	61.07	58.80	60.16	61.51	60.35	24	24.1	29.1	30	27.2	25	26.6	30.6	23.6	88	91	61	61	75	83	76.5	------
25	60.51	61.49	62.21	60.15	60.80	62.21	61.23	24.2	24	28.8	30.4	28.2	24.2	26.6	30.5	22.6	86	91	66	54	58	75	71.7	------
26	61.09	61.87	62.56	59.89	60.71	61.15	61.21	22.8	22.8	29	29.3	27	24.8	26	30	21.2	80	84	62	66	73	81	74.3	19.8
27	61.12	61.74	62.38	59.94	60.14	61.30	61.10	24.1	23.6	28.5	29.5	27.6	25.2	26.4	29.7	22.8	89	92	67	56	66	79	74.8	------
28	60.57	60.91	61.80	59.51	60.17	61.36	60.72	24.5	23.1	28.1	29	26.2	24	25.8	29.7	22.9	83	86	61	64	79	86	76.5	------
29	60.68	60.93	61.62	58.48	58.93	59.93	60.10	23.2	23.1	26.6	27.5	25	24.2	24.9	28.9	22.6	91	90	79	70	80	85	82.5	.5
30	59.65	59.77	60.66	58.38	59.27	60.51	59.71	23.2	23.3	28.1	28.9	28	25	26.1	29.2	22.9	90	84	65	58	67	82	74.3	------
31	59.87	60.82	61.50	59.19	59.99	60.94	60.38	24.6	24	28.5	29.8	27.9	24.2	26.5	30.1	23.3	85	87	60	54	63	83	72	------
Mean	59.57	59.86	60.74	58.35	59.20	60.36	59.68	24.3	24	28.7	30	27.8	25.1	26.7	30.6	23.3	86.6	88.9	67.8	58.9	69.5	82.7	75.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	53.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	97.9	126	154.8	82.3	461	7	Ci.	Cu.	7	Ci.	Cu.
2	N	N	NE	NE	NE	N	104.1	131	148.1	87.1	470.3	4	Ci.	Cu.	8	Ci.-S.	Cu.
3	N	N	NE	NE	NE	N	100	126.6	134.7	91.7	453	4	Ci.	Cu.	6	------------	Cu.
4	N	N	NE	E	NE	N	90.4	88.3	85	91.7	355.4	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
5	N	N	NE	NE	NE	NE	82.6	95.3	112.5	76.7	367.1	7	Ci.	Cu.	8	Ci.	Cu.
6	N	N	NE	NE	NE	NE	80.5	113.2	147.5	81.6	422.8	7	Ci.-S.	Cu.	6	Ci.	Cu.
7	N	N	NE	NE	NE	N	96	125.8	160.6	86.7	469.1	10	Ci.-S.	Cu.-N.	4	------------	Cu.
8	N	N	NE	NE	N	N	93	141.3	146.2	102	482.5	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
9	N	N	NNE	NE	NE	N	98	137.3	129.7	90.9	455.9	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
10	N	N	NE	NE	NE	N	109.9	150.5	160.1	95.6	516.1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
11	N	N	NNE	NE	NE	N	101.7	105.2	138.1	84.5	429.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	N	N	NE	NE	N	N	89.1	134.7	145.4	89.3	458.5	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
13	N	N	NE	NE	NE	N	105.7	154.8	191.1	105.7	557.3	9	Ci.-S.	Cu.-N.	4	------------	Cu.
14	N	N	NE	NE	NE	N	86.1	136	161.1	82.3	465.5	3	------------	Cu.	3	------------	Cu.
15	N	N	NE	NE	NE	N	110	139.8	132.5	78.4	460.7	9	Ci.-S.	Cu.-N.	2	------------	Cu.
16	N	NE	NE	NE	NE	N	30.8	100	135	89.9	355.7	3	------------	Cu.	5	Ci.	Cu.
17	N	N	NE	NE	NE	N	105.4	133.8	173.4	87.7	500.3	3	------------	Cu.	1	------------	Cu.
18	N	N	NE	NE	NE	N	104.8	122.8	130	64.1	421.7	1	------------	Cu.	3	------------	Cu.
19	N	N	NE	NE	NE	N	61.8	104.1	119.9	79.9	365.7	4	Ci.	Cu.	5	------------	Cu.
20	N	N	NNE	NE	N	N	73.4	126.5	133.1	76.7	409.7	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
21	NE	N	NE	SE	SW	NW	56.9	82.3	67.1	58.5	264.8	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
22	N	N	NE	E	NE	N	82.6	77.9	79.4	58.2	298.1	3	------------	Cu.	2	------------	Cu.
23	N	N	E	E	NE	N	60.9	66	104.8	83.7	315.4	3	------------	Cu.	5	------------	Cu.
24	N	N	NE	NE	NE	N	106.7	160.7	179.8	81	528.2	2	------------	Cu.	4	------------	Cu.
25	N	N	N	NE	NE	NE	85.5	101.1	117.8	53.7	358.1	3	------------	Cu.	6	------------	Cu.
26	N	N	NE	NE	N	N	85	114.9	134.2	85.8	419.9	2	------------	Cu.	8	Ci.-S.	Cu.
27	N	N	NE	NE	NE	N	85.6	142.9	165.7	106.5	500.7	4	Ci.	Cu.	5	Ci.	Cu.
28	N	N	NE	NE	NE	N	120.7	149.7	139.2	73.2	482.8	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
29	N	N	N	NE	N	N	57.7	125.7	109.1	85.5	378	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
30	N	N	N	NE	NE	N	74.5	109.2	132.8	80	396.5	5	Ci.	Cu.	8	Ci.-S.	Cu.
31	N	N	NE	ENE	NE	NE	86.6	125.7	146.6	84.2	443.1	7	Ci.	Cu.	4	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	87.9	120.9	136	83.1	427.9	5.7	------------	------------	5.9	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13,263.4	----	------------	------------	----	------------	------------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.32	63.62	63.31	60.82	61.89	63.22	62.70	21.9	21.4	28.5	29.5	26.9	24.4	25.4	30.6	21.2	92	95	68	64	80	96	82.5	0.6
2	62.39	62.67	63.49	61.05	62.20	63.59	62.56	23.6	23.9	27.5	29.9	26.6	24.9	26.1	31.1	23.5	97	96	72	63	71	79	79.7	1.5
3	63	63.13	63.88	61.66	62.70	63.97	63.06	24.7	24	27.7	30.9	26.7	23	26.2	31.4	22.3	86	79	68	57	70	88	74.7	1.3
4	62.63	62.93	63.80	62.11	62.75	64.05	63.04	22.1	22.4	27.4	24.5	25.4	26.3	24.7	28.1	21.7	90	92	77	95	73	70	82.8	8.9
5	63.59	63.69	64.31	62.08	62.89	64.16	63.45	25.5	25	28.8	31	26.7	23.9	26.8	31.4	21.5	74	75	61	50	71	79	68.3	------
6	63.57	63.61	64.11	61.79	63.15	64.41	63.44	20.6	23.1	29.1	30.6	26.2	23.8	25.6	31.1	20.6	94	90	60	54	70	77	74.2	------
7	63.62	63.74	64.46	61.94	63.14	64.40	63.55	20	18.9	27.5	28.5	25.2	21.6	23.6	30.1	18.5	89	95	60	63	77	90	79	4.1
8	63.73	63.99	64.81	62.88	64.16	64.91	64.08	20.6	21	27.7	30.3	26.4	26.4	25.4	31	20	95	89	68	53	69	69	73.8	------
9	63.89	65.12	65.63	64.01	65.01	65.43	64.85	26.3	25.5	28.7	27	25.5	24.9	26.3	30.8	24	66	66	57	63	65	61	63	------
10	64.78	64.90	65.76	63.84	64.14	65.26	64.78	24.2	24.9	27.5	27.5	25.4	22.4	25.3	29.6	20.2	64	59	52	56	65	68	60.7	------
11	64.51	63.96	64.05	61.95	62.20	62.74	63.24	19.6	17.7	27.3	28.4	26.8	24.2	24	30	17.1	88	94	63	57	70	82	75.7	------
12	61.87	61.93	62.52	61.17	61.56	62.19	61.87	23.6	23.1	23.5	24.6	24.3	23.8	23.8	25.9	22.9	88	94	94	94	92	97	93.2	16
13	61.51	61.72	62.05	60.18	60.76	61.71	61.32	23.3	23.7	28.4	30.4	26.7	23.4	26	31.1	22.1	97	94	68	64	71	89	80.5	1.3
14	61.17	61.93	62.04	60.42	61.65	62.11	61.55	21.1	21.4	28.4	29.4	27	23.5	25.1	30.1	20.6	98	91	68	61	71	90	79.8	------
15	61.88	62.51	62.41	60.24	61.72	62.26	61.84	21.1	21.4	28	31.3	26.9	25.2	25.6	31.7	20.9	96	90	66	48	60	67	71.2	------
16	61.81	62.77	62.71	60.97	62.38	63.02	62.28	22.9	22.9	27.4	30.9	26.9	23.1	25.7	31.7	22.5	82	91	74	50	64	85	74.3	------
17	62.49	62.81	63.48	61.73	62.63	62.94	62.68	23.1	23.4	26.9	26.5	25.6	23.8	24.9	30.2	23	86	87	74	82	75	92	82.7	.3
18	62.10	62.57	62.58	61.20	61.59	62.21	62.04	24.9	23.4	28	27.4	25.4	25.4	25.8	28.8	23.1	79	92	62	73	86	77	78.2	------
19	61.43	61.65	61.54	60.17	60.95	61.61	61.22	23.5	22.5	28.4	29.3	27.4	23.8	25.8	30.6	21.4	89	86	58	66	63	84	74.3	------
20	60.93	60.83	61.59	59.33	60.19	61.05	60.65	23.5	23.4	27.9	26.9	24.4	24	25	29.9	23	87	93	79	82	94	95	88.3	2.3
21	59.89	60.36	61.13	59.38	60.20	61.15	60.35	23.7	23.6	28.8	28.6	27.2	24.9	26.1	30.8	23.2	96	95	63	64	70	85	78.8	------
22	60.61	60.96	61.46	59.63	60.84	62.02	60.92	24.4	23.1	28.6	31	27	22.8	26.2	31.9	22	90	88	61	53	66	84	73.7	------
23	60.92	61.03	61.50	60.03	61.01	61.81	61.05	22	23.9	25.8	28.5	26.4	26.6	25.5	30.1	21.9	90	83	84	66	66	66	75.8	------
24	60.99	60.79	61.65	59.69	60.50	61.49	60.85	24.9	25.9	29.9	31.6	26.9	23.1	27	32.3	21.5	75	69	54	53	59	78	64.7	------
25	61.01	60.96	61.54	59.64	59.90	61.44	60.75	20.8	20.7	28.2	30.7	27.4	24.9	25.4	32	20.5	82	81	55	46	60	76	66.7	------
26	60.90	60.82	61.44	60.45	61.21	62.34	61.19	23.5	23.2	26.5	25.7	25	24.4	24.7	28.6	23	92	95	87	89	93	91	91.2	3.1
27	61.57	61.76	61.98	60.24	60.90	62.15	61.43	23.8	23.9	27.9	29.8	27.7	24.3	26.2	31.3	21.6	89	91	68	58	60	77	73.8	------
28	61.78	61.73	61.88	59.54	59.94	61.10	61	21.3	19.8	27.4	30	26.9	22.4	24.6	31.8	19.2	92	92	63	65	65	88	77.5	------
29	61.07	61.28	61.59	59.62	60.12	61.36	60.84	19.3	18.2	28	29.4	26.8	22.9	24.1	31.1	17.8	94	95	59	64	71	91	79	------
30	60.81	60.58	61.42	59.85	60.29	61.30	60.71	21.9	22.6	26	25.7	25.9	26.4	24.8	27.4	21.8	91	90	83	88	86	70	84.7	.5
31	61.01	61.51	61.81	60.14	60.66	61.61	61.12	26.4	24.4	29	28	26.4	23.9	26.4	31.1	22.7	69	77	62	67	69	81	70.8	.3
Mean	62.09	62.32	62.77	60.90	61.72	62.68	62.08	22.8	22.7	27.8	28.8	26.3	24.1	25.4	30.4	21.5	87	87.2	67.4	64.8	71.7	81.4	76.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	40.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	W	S	Calm	N	18.8	35.4	47.7	15	116.9	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
2	NNW	NW	S	SE	NE	NE	24.3	37	47.8	34.6	143.7	9	Ci.-S.	Cu.-N. ENE	8	Ci.-S. SSE	Cu. E
3	NE	NE	NE	NE	NE	N	23.5	39.2	51.8	27.9	142.4	5	A.-Cu. W	Cu.	10	Ci.-S.	Cu.-N. ENE
4	NE	NW	N	W	NE	NE	23.6	38.3	32	50.1	144	7	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
5	NE	NE	NE	ENE	ENE	NE	57.4	62	55.5	42.6	217.5	4	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
6	N	N	S	NE	NE	NE	22	56.5	52.6	-----	-------	9	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
7	NE	NE	SW	S	N	N	-----	-----	46.5	16.1	-------	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
8	N	N	SSE	ENE	E	ENE	17.4	32.2	44.8	40.7	135.1	4	Ci.-S.	Cu.	7	A.-Cu.	Cu. ENE
9	SW	SSW	SE	NE	NE	WNW	39.9	42.6	51	44.9	178.4	6	A.-Cu.	Cu.-N. ENE	8	A.-Cu.	Cu.-N. ENE
10	NW	NE	SE	ENE	Calm	NE	43	45.4	41	20.6	150	4	Ci.	S.-Cu.	9	A.-Cu.	Cu.-N. ENE
11	NNE	N	W	S	Calm	Calm	19.3	36.2	54.9	14.5	124.9	1	Ci.	S.-Cu.	6	A.-Cu.	Cu. E
12	N	N	W	W	Calm	N	30.1	17.5	18.2	31.2	97	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
13	Calm	Calm	SW	SE	Calm	NW	15.9	40.2	58.7	22.2	137	8	A.-Cu.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
14	N	N	SW	SW	NE	NE	24.1	45.4	62.5	19.5	151.5	10	A.-Cu. E	Cu.-N. E	8	A.-Cu.	Cu. E
15	N	N	W	ENE	NE	E	20.9	41.8	84.5	26	173.2	7	Ci. W	Cu.	5	Ci.	Cu. NE
16	Calm	Calm	S	ENE	Calm	Calm	11.8	48.3	68.2	18.7	147	9	Ci.-S.	Cu.-N. E	7	Ci.	Cu. E
17	Calm	Calm	W	SSE	NE	Calm	11.9	31.4	56.3	24.6	124.2	10	Ci.-S.	Cu.-N. ESE	10	A.-Cu. ENE	Cu.-N. ENE
18	NE	NW	NE	NE	NE	N	25.9	50.4	44.5	34.9	155.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
19	NNE	NNE	W	S	NE	N	23.8	38.6	70.5	20.6	153.5	6	Ci.-S. SW	S.-Cu.	6	Ci.	Cu. ENE
20	N	N	NW	S	N	NW	18.5	33.5	47.2	26.2	125.4	8	A.-Cu.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
21	Calm	Calm	SE	SE	NE	N	17.4	48	49.9	30.4	145.7	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
22	NE	N	SW	NE	NE	NE	21.1	39.1	51.3	27.4	138.9	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
23	NE	NNE	NW	ENE	E	NE	14	44.5	67.9	41.5	167.9	7	Ci.-S.	Cu.-N. E	10	A.-Cu.	Cu.-N. ENE
24	Calm	SW	NNW	ENE	NNE	Calm	29.8	47.8	54.9	23.8	156.3	7	A.-Cu.	Cu. ENE	7	Ci.	Cu. E
25	N	WNW	SW	NE	NE	Calm	23	47.8	66.8	20.1	157.7	4	Ci.-S.	Cu. ENE	4	Ci.	Cu.
26	N	N	SW	SE	Calm	Calm	28.2	41.6	46.4	23.3	139.5	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
27	N	NE	NE	NE	NE	NE	15.9	29.5	49.9	27.7	123	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
28	NE	Calm	WNW	S	E	NE	16.1	36.7	65.5	20.1	138.4	5	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.
29	NE	NE	W	S	S	S	19.8	43	64.6	20.6	148	4	Ci.	S.-Cu.	5	Ci.	Cu.
30	Calm	Calm	Calm	S	NW	NNE	10.5	20.7	34.4	30.6	96.2	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
31	NE	NE	NE	S	NE	NE	50.5	51.7	44.3	30.9	177.4	7	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	23.9	40.7	52.6	27.6	145	6.6	------------	------------	8.1	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	-------	----	------------	------------	----	------------	------------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.77	60.66	61.38	59.16	60.10	61.07	60.52	23.2	20.8	28.8	30.4	27	22.2	25.4	32.1	20.8	74	87	55	47	62	86	68.5	------
2	60.58	60.62	61.05	59.12	59.44	60.80	60.27	20.8	20.5	29.4	29.6	27.4	22.6	25	31.1	19.3	86	91	57	63	67	89	75.5	------
3	60.50	61.12	61.45	59.34	60.03	61.68	60.69	21.7	20.9	28.6	32.5	27.9	26.1	26.3	33.2	20.6	81	87	63	51	61	69	68.7	------
4	60.90	60.79	61.48	59.37	60.32	61.36	60.70	25	25.9	29.5	30.5	27.4	26.8	27.5	31.7	25	75	69	56	53	61	67	63.5	------
5	60.92	61.01	61.94	60.28	60.35	61.89	61.06	25.9	25.6	28.4	29.5	27.1	25.9	27.1	31.1	24.5	70	71	57	52	60	69	63.2	------
6	61.10	61.10	62.10	59.96	60.72	62.39	61.23	24.1	24.5	28.1	31.2	26.9	23.5	26.4	32.2	21.1	74	69	65	45	62	76	65.2	------
7	61.37	61.28	61.53	59.34	60.25	61.31	60.85	19.5	19.4	28.2	30	26.4	23	24.4	30.9	18.8	88	87	55	46	63	79	69.7	------
8	61.31	61.37	62.53	60.42	60.89	61.97	61.42	20	18.9	26.8	29.3	27.4	22.4	24.1	30.4	18.4	90	91	68	62	73	87	78.5	------
9	61.61	61.59	62.41	60.58	61.41	62.52	61.69	20.4	19.9	27.5	29.4	27.4	24	24.8	29.9	19.4	91	93	66	64	68	86	78	------
10	61.31	62.07	62.44	59.87	60.55	61.75	61.33	21.9	21.5	27	30.4	27.1	24.7	25.4	32.1	20.9	95	93	69	61	61	67	74.3	------
11	61.71	62.12	62.44	61.01	60.93	63.05	61.88	21.8	18.8	27.4	29.1	27.5	25	24.9	29.8	18.1	82	90	56	57	59	69	68.8	------
12	62.72	62.11	63.05	61.84	61.96	63.65	62.56	22	22.4	28.6	26	26.4	24.4	25	31.2	21	88	88	56	76	67	81	76	0.6
13	62.54	62.94	63.90	62.03	62.30	63.68	62.90	24.2	24.9	27.6	29.6	26.3	21.1	25.6	31.5	19.4	74	64	58	50	61	82	64.8	------
14	63.17	63.29	63.69	62.21	62.75	64.26	63.23	20.1	20.4	27.5	25	23.6	23	23.3	29.4	18.9	70	86	59	83	90	78	77.7	1.1
15	63.11	62.90	63.19	60.79	62.14	62.76	62.48	22.3	22.1	28	31.4	26.9	24.6	25.9	32.4	21.7	80	81	56	45	54	63	63.2	------
16	62.60	62.61	63.49	61.03	62.10	63.26	62.52	24	21.4	28.8	30.8	26.8	24.4	26	31.9	20.9	64	71	46	40	53	64	56.3	------
17	62.39	62.78	63.55	61.03	61.57	62.99	62.38	20.5	19	27.6	30.9	27.7	23.8	24.9	32	18.6	79	88	62	45	58	76	68	------
18	61.94	62.14	63.39	61.52	61.83	63.37	62.36	18.6	18.2	27.4	29.9	28.6	20.7	23.9	30.4	17.4	94	93	66	55	60	84	75.3	------
19	62.82	62.75	63.26	60.89	61.23	62.61	62.26	18.3	17.2	27	29.8	28.2	25	24.2	30.8	16.6	94	97	60	56	57	71	72.5	------
20	62.21	62.88	63.36	60.87	61.03	62.18	62.09	20.1	18.6	28.6	30.9	27.4	22.3	24.6	31.7	18.1	94	93	44	45	56	80	68.7	------
21	61.53	61.92	62.38	60.19	60.98	62.36	61.56	19.1	18.4	29	28.6	27.4	22.5	24.2	30.4	17.5	90	93	51	66	64	88	75.3	------
22	61.60	61.36	61.70	59.73	59.87	61.41	60.94	20.1	18.7	27.6	29.7	28.3	22.4	24.5	30.8	18.1	92	95	68	58	62	87	77	------
23	61.31	62.01	63.14	60.99	60.45	61.46	61.56	19.6	18.4	27.3	29.7	28.2	21.4	24.1	30.2	18.1	89	95	62	57	63	84	75	------
24	61.39	61.86	62.80	60.23	60.46	61.82	61.43	19	18	27.7	29.6	29.2	22.1	24.3	30.7	17.3	87	95	71	66	57	86	77	------
25	61.22	61.37	62.70	60.41	60.22	61.68	61.27	19.8	18.2	27.8	29.8	28.8	20.6	24.2	30.9	17.8	89	95	69	62	59	86	76.7	------
26	61.71	62.10	63.25	60.91	61.47	63.26	62.12	17.8	17.5	27.8	29.9	27.9	24.9	24.3	30.1	16.8	94	93	60	59	60	68	72.3	------
27	62.51	63.13	63.64	61.54	61.78	63.24	62.64	20.6	20.9	29.6	30	27.8	26.4	25.9	32.2	19.7	86	84	46	58	59	64	66.2	------
28	62.30	62.81	63.80	61.70	61.58	63.36	62.59	24.2	24.4	26.4	26.9	27.2	24.6	25.6	29	23.3	74	76	82	84	68	88	78.7	.8
Mean	61.76	61.95	62.68	60.58	61.03	62.40	61.73	21.2	20.6	28	29.7	27.4	23.6	25.1	31.1	19.6	83.7	86.2	60.1	57.4	62.3	77.6	71.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	N	ENE	E	NE	Calm	27.4	69.5	70	20.6	187.5	2	Ci.	Cu.	5	Ci.	Cu. ENE
2	N	N	NW	S	NE	N	25.2	45.4	57.6	21.4	149.6	4	Ci. SSE	Cu. ENE	8	A.-Cu. E	Cu. E
3	N	NW	SW	SW	NE	NE	16.1	38.6	74.2	46.4	175.3	4	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu. E
4	NE	NE	NE	NE	NE	NE	36.7	97.9	87.4	66.6	288.6	7	Ci.	Cu.-N. E	8	Ci.-S.	Cu. E
5	NE	NE	NE	ENE	NE	NE	50.7	72.9	73.8	43.5	240.9	9	Ci.-S.	Cu.-N. E	7	Ci.	Cu. E
6	NE	NE	SSW	ENE	NE	NE	35.2	52.5	65.8	35.4	188.9	8	Ci.	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
7	N	N	ENE	NE	NE	NE	24.7	55.3	70.3	25.1	175.4	4	Ci.	S.-Cu.	8	Ci.-S. SSE	Cu. E
8	NE	NE	S	S	W	N	22	39.2	39.1	18.8	119.1	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
9	N	N	W	S	SE	Calm	20.3	42.6	80.2	16.6	159.7	7	Ci.	Cu.-N.	7	Ci.-S.	Cu. E
10	NE	NE	W	S	NE	NE	13.5	34.6	69.4	45.7	163.2	9	A.-Cu. SE	Cu.-N. NNE	7	Ci.	Cu.
11	NE	N	SW	S	E	NE	26.2	49.4	50.4	29.6	155.6	6	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
12	NW	N	NE	NE	N	NE	18.8	60.6	51.3	20.9	151.6	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
13	NE	NW	SW	W	NE	NE	24.1	48.3	51.5	22.8	146.7	9	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. SW
14	NE	N	NE	S	NW	Calm	21.4	58.1	46.1	16.1	141.7	7	Ci.	Cu. ENE	10	Ci.-S.	Cu.-N. ENE
15	NE	NNW	ENE	NE	NE	E	23.8	73.5	109.4	35.9	242.6	9	Ci.-S.	Cu.-N. E	6	A.-Cu. E	Cu.
16	NE	NE	NE	NE	NE	NNE	26.4	67.8	83.7	54.4	232.3	7	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
17	NE	N	W	ESE	NE	NE	29.5	38.8	66.3	27.2	161.8	2	Ci.-S.	S.-Cu.	5	------------	Cu.
18	N	N	SW	S	SW	N	25.4	48.9	56.5	21.5	152.3	6	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu. ENE
19	N	N	W	S	NE	E	25.9	39.9	77	28.5	171.3	2	Ci.	S.-Cu.	3	------------	Cu.
20	NNE	N	NE	ENE	NE	NE	21.7	50.7	64.7	15.9	153	4	Ci.-S.	S.-Cu.	4	Ci.	Cu. E
21	NE	N	E	S	SE	SE	23	51.3	69	13.2	156.5	4	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.
22	NE	NE	W	S	SE	Calm	18.7	35.6	75.6	16.7	146.6	1	Ci.	S.-Cu.	4	A.-Cu.	Cu.
23	NE	NE	NE	S	S	SE	23.1	36.4	69.2	18.7	147.4	4	Ci.-S.	S.-Cu.	3	------------	Cu.
24	N	N	SW	S	Calm	Calm	25.1	41.6	57.6	19	143.3	4	Ci.-S.	S.-Cu.	4	Ci.	Cu. NE
25	NW	NW	SW	S	Calm	W	20.1	44	76.2	19.1	159.4	5	Ci.	S.-Cu.	4	------------	Cu. NNE
26	W	NW	SSW	S	NE	ENE	24.3	48.8	90.4	37	200.5	6	Ci. WSW	S.-Cu.	4	Ci.	Cu. NNE
27	N	N	NE	S	E	NE	23.9	44.5	85.8	29.5	183.7	1	------------	S.-Cu.	7	Ci.-S.	Cu. NE
28	NE	Calm	W	S	E	E	14.3	37.8	70.8	15.9	138.8	8	A.-Cu.	Cu. E	10	Ci.-S.	Cu.-N. ESE
Mean	------	------	------	------	------	------	24.6	50.9	69.3	27.9	172.6	5.5	------------	------------	6.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,833.3	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.70	62.61	63.71	61.60	62.14	64.06	62.80	22.4	22.4	27.3	28.4	28.3	24	25.5	30	21.3	89	91	76	74	68	81	79.8	------
2	63.28	63.16	64.03	61.18	61.77	63.65	62.84	20.3	20.1	27.3	30.2	27.8	23.9	24.9	30.8	19.4	90	91	61	62	74	77	75.8	------
3	62.50	62.48	63.06	60.39	60.38	61.12	61.66	21.6	22.9	27.6	28.1	26	24.4	25.1	31.5	20.8	82	87	70	79	89	96	83.8	7.9
4	59.11	59.65	60.63	58.43	59.06	60.02	59.48	24.2	24.7	29.5	29.5	27.3	24.8	26.7	30.2	23.5	91	92	70	74	78	94	83.2	3.9
5	58.62	58.89	59.97	57.30	58.32	60.06	58.86	24	23.4	25.9	29.6	26.9	26.3	26	31.4	23	96	97	93	74	88	82	88.3	6.6
6	59.48	59.54	60.39	57.24	58.25	59.61	59.08	24.8	23.5	27.5	31.8	28.5	25.8	27	32.8	22.3	90	97	78	54	63	67	74.8	.3
7	58.90	59.04	59.90	57.53	58.58	60.14	59.02	21.6	20.9	28.8	28.8	28.9	26.2	25.9	31.5	20.7	90	95	71	78	69	89	82	.3
8	59.12	59.42	60.30	57.83	58.77	60.31	59.29	24.4	23.4	27.8	31.6	28.5	23.9	26.6	32.7	22.7	92	91	74	53	59	85	75.7	------
9	59.40	59.48	60.34	58.17	58.25	59.82	59.24	23	22.9	28.9	29.8	28.6	26.4	26.6	31.7	21.8	87	87	64	65	61	70	72.3	------
10	59.32	59.78	61.03	58.81	59.12	60.09	59.69	23.4	22.4	29.5	29.9	27.2	26.4	26.5	30.9	21.6	89	91	61	71	80	68	76.7	------
11	59.61	59.57	60.50	58.51	58.68	60	59.48	22	20.4	28.9	30	29.4	26.4	26.2	31.6	20	89	91	65	67	61	73	74.3	------
12	59.67	60.22	61.21	59.47	59.42	61.21	60.20	22.8	21.8	28.1	31.1	28.4	27.4	26.6	31.7	21.4	85	91	69	56	69	68	73	------
13	60.07	60.69	62.19	59.91	60.03	61.41	60.72	25.3	22.8	28.9	29.6	28.6	26.4	26.9	32.5	22.3	85	92	74	72	65	73	76.8	------
14	60.73	61.01	61.88	60.06	60.08	61.60	60.89	22	20.4	28.6	30.3	29.3	26.5	26.2	31.5	20.2	92	91	66	63	72	66	75	------
15	61.57	61.95	62.73	60.23	60.29	61.72	61.42	22.9	22	28.9	31.3	28.6	24.1	26.3	32.5	21.6	88	94	61	51	54	67	69.2	------
16	61.32	61.27	61.90	59.95	60.40	61.65	61.08	22.1	20	29.4	29.2	28.4	24.8	25.6	32.2	19.6	77	91	57	66	62	79	72	------
17	61.09	61.57	62.83	61.67	62.03	63.43	62.10	23.4	22.4	28.9	27.9	28.2	25.6	26.1	30.4	22.2	84	94	66	75	62	75	76	3.3
18	62.89	63.52	64.20	61.54	62.21	64.01	63.06	24.7	23.6	29.9	32.6	28.7	25.6	27.5	33.2	22.6	78	89	58	46	65	71	67.8	------
19	63.18	62.99	63.35	60.43	61.10	62.27	62.22	21.9	19.9	28.8	32	25	23.2	25.1	32.6	19.3	85	90	61	48	85	93	77	1.8
20	61.08	61	61.66	58.88	59.35	60.37	60.39	21.2	23.1	27.9	29.9	26.2	23.6	25.3	31.2	20.6	95	90	70	65	82	87	81.5	------
21	59.81	59.97	60.80	58.50	58.88	60.59	59.76	21.6	21.1	28.1	29.5	28.9	26.4	25.9	30.7	20.8	94	94	70	69	67	73	77.8	------
22	59.89	59.90	60.65	58.63	58.84	60.93	59.81	24.5	22.4	29.2	30.5	29.4	25	26.8	32.7	21.3	81	88	71	65	63	79	74.5	------
23	60.22	60.17	60.69	58.39	58.94	60.79	59.87	23.1	21.1	30	32.2	28.8	26.9	27	33.9	20.9	82	92	55	53	62	68	68.7	------
24	60.10	60.21	60.99	58.67	59.47	61.10	60.09	23.4	26.1	29.4	30.8	29.4	26.9	27.7	32	22.5	85	71	57	54	61	67	65.8	------
25	60.29	60.38	61.25	58.67	59.02	60.54	60.02	23.3	22.4	28.9	34.3	29.9	23.8	27.1	34.9	21.6	83	87	65	40	47	73	65.8	------
26	59.88	59.39	60.28	58.56	59.25	60.60	59.66	22	22.3	30.8	33.5	27.5	24.4	26.8	34.2	21.4	82	86	49	42	76	85	70	1.3
27	59.71	59.80	60.93	58.66	59.28	60.69	59.84	24.6	23.8	27.4	29.4	25.4	24.9	25.9	30.2	23.2	84	90	81	71	97	92	85.8	20.4
28	60.10	60.22	60.81	59.50	59.85	61.44	60.32	25	24	28.2	29.6	28.2	26.4	26.9	31	23.5	87	94	69	63	61	66	73.3	------
29	60.80	60.80	61.53	59.21	59.50	61.14	60.50	25.1	22.1	28.7	29.6	28	26.1	26.6	32.3	21.9	73	86	65	69	73	82	74.7	------
30	60.22	60.28	60.84	58.91	58.74	59.72	59.78	24.5	23.4	30.7	30.9	29.4	23.8	27.1	33	22.1	82	80	53	53	66	84	69.7	------
31	59.09	58.90	59.70	58	58.06	59.50	58.88	22.8	22	26.8	27.6	26.5	25.4	25.5	30.4	21.5	89	88	63	79	87	96	83.7	.6
Mean	60.44	60.58	61.43	59.19	59.61	61.08	60.39	23.2	22.4	28.7	30.3	28.1	25.3	26.8	31.9	21.5	86.3	89.9	66.5	62.9	69.9	78.3	75.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	W	S	N	NE	17.4	25.4	72.9	29.5	145.2	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
2	NE	NE	NW	S	SE	NE	18.8	33.6	87.1	24.7	164.2	2	Ci.	Cu.	7	Ci.-S.	Cu. E
3	N	N	SW	W	SE	SE	11.9	30.9	37.5	14.8	95.1	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
4	NW	NNE	SW	S	NE	NW	30.4	50.9	58.5	18.7	158.5	7	A.-Cu.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. E
5	NW	NW	NW	SW	SE	SE	10.8	19.8	50.2	21.2	102	7	Ci.-S.	Cu.-N. E	9	A.-Cu. E	Cu.-N. E
6	E	NE	SE	ESE	E	NE	18.2	38.1	81.8	30.1	168.2	10	A.-Cu.	Cu.-N. ESE	9	A.-Cu. W	Cu.
7	NE	NE	S	S	E	Calm	19.8	46.2	87.5	10	163.5	4	A.-Cu.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
8	N	N	NW	ESE	SE	SE	16.9	37	85.6	21.7	161.2	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
9	Calm	Calm	SW	S	NE	NE	14.3	46.5	61.8	17.1	139.7	4	Ci.	Cu.-N. E	8	Ci.-S.	Cu. ENE
10	NE	NE	S	S	NW	NE	12.4	44.6	69.8	21.4	148.2	4	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu. ENE
11	NE	N	SW	S	NE	E	24.7	44	60.6	30.3	159.6	8	A.-Cu. E	S.-Cu.	7	A.-Cu. E	Cu. E
12	NE	NE	W	NNE	NE	NE	19.3	41.6	67.3	48.5	176.7	10	Ci.-S.	S.-Cu. SE	10	A.-Cu.	Cu. E
13	NE	N	SW	NE	NE	NE	19.1	46.9	68.2	49.3	183.5	2	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.-N.
14	NE	N	W	S	S	E	21.9	40.2	58.5	25.2	145.8	1	Ci.	S.-Cu.	7	A.-Cu.	Cu. NE
15	NE	Calm	SSW	S	NE	NE	12.6	45.6	79.4	35.2	172.8	4	A.-Cu. NE	Cu. ENE	3	------	Cu. NNE
16	Calm	N	SE	SW	NE	NE	12.4	49.4	68.1	23.9	153.8	1	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
17	NE	NE	SW	SE	NE	NE	20.4	38.6	77	28.2	164.2	5	A.-Cu.	Cu. ENE	10	A.-Cu. E	Cu.-N. E
18	NE	E	ENE	NE	NE	NE	19.3	44	74.5	35.4	173.2	7	A.-Cu.	Cu.-N. E	8	A.-Cu. E	Cu. E
19	NNE	N	S	ENE	Calm	N	20.6	49.3	67.8	11.9	149.6	7	A.-Cu. E	Cu.-N.	9	A.-Cu. E	Cu. ENE
20	N	N	SW	S	NW	NW	17.2	37.5	64.1	16.1	134.9	10	Ci.-S.	N.	9	Ci.-S.	Cu. ENE
21	NW	NW	W	S	W	NE	17.9	39.1	50.4	29.3	136.7	7	Ci.-S. E	Cu.-N. E	10	Ci.-S.	Cu.
22	Calm	N	SW	S	SE	E	18.3	52	76.1	19.6	166	8	Ci.-S. SE	Cu.-N.	8	Ci.	Cu. E
23	NE	N	S	SSE	NE	NE	22.2	40.5	67.1	30.1	159.9	1	Ci.	S.-Cu.	8	Ci.	Cu. E
24	NE	NE	S	SSW	NE	NE	27.7	65.2	93	44.9	230.8	6	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
25	N	N	S	ENE	NE	NE	25.4	55.5	71.9	36.8	189.6	1	Ci.-S.	Cu. E	6	Ci.	Cu. E
26	N	N	ENE	NE	NE	NE	22.3	53.7	57.9	18.2	152.1	4	Ci.-S. E	Cu. ENE	9	A.-Cu. ESE	Cu. ENE
27	NE	N	NNW	WNW	N	N	13.7	48.5	48.9	22.2	133.3	9	Ci.-S.	Cu.-N. E	9	A.-Cu. E	Cu.-N.
28	Calm	NE	SW	NE	SW	NE	26.2	43.1	51.3	36.2	156.8	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
29	NE	N	S	S	E	SE	24.1	45.9	71.1	31.7	172.8	8	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. E
30	NE	N	NE	S	S	S	42.6	56.6	80.2	15.3	194.7	5	Ci.-S.	Cu.	4	Ci.	Cu. E
31	NW	NW	N	SE	SE	Calm	22	31.7	41.3	14.3	109.3	5	A.-Cu.	Cu.-N. E	10	Ci.-S.	N. ENE
Mean	------	------	------	------	------	------	20	43.3	67.3	26.2	156.8	5.8	------------	------------	8.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,861.9	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.68	58.86	59.99	58.44	58.48	60.21	59.11	24.6	24.5	28.7	29.3	28.5	26.2	27	30.9	24.1	97	95	69	65	66	73	77.5	1
2	59.49	59.71	60.63	59.03	59.68	60.79	59.89	25.5	21.3	30.2	29.2	25.4	24.7	26	31.3	20.4	71	88	55	69	96	94	78.8	17.8
3	59.52	59.58	60.51	58.93	59.42	61.29	59.88	23.9	23.8	26.4	23.3	24.6	24.3	24.4	28.4	23.2	95	97	89	97	94	97	94.8	49.3
4	59.69	59.72	60.63	58.51	59.42	60.90	59.81	24.4	24.8	27.7	30.1	28.9	25.3	26.9	30.9	23.4	94	95	88	80	82	89	88	------
5	60.11	60.30	60.97	58.58	59.59	61.60	60.19	23.4	22.5	29.4	29.6	27.2	25.4	26.2	31.5	22	94	95	72	73	89	93	86	.8
6	59.57	59.40	60.52	58.18	58.58	60.44	59.45	24.3	22.4	29.6	31.1	29.3	26.5	27.2	32.1	21.8	93	95	60	66	76	77	77.8	------
7	59.53	60.41	61.23	58.67	58.85	60.61	59.88	23.4	21.9	29.8	30.5	28.9	26.9	26.9	31.8	21.4	88	92	67	68	76	73	77.3	------
8	60.29	60.36	61.70	59.67	60.04	61.82	60.65	23.6	21.8	29	30.4	29.4	25.5	26.6	31.2	21.5	91	94	65	69	71	79	78.2	------
9	60.88	61.23	62.14	60.26	60.89	62.93	61.39	22.8	21.4	29.1	30.6	29.2	25.5	26.4	33.4	20.5	86	91	67	65	62	83	75.7	------
10	61.19	61.26	62.30	60.24	59.79	61.75	61.09	23.4	22.3	27.5	30	25.7	25.3	25.7	31	21.9	92	94	80	70	88	85	84.8	.8
11	60.39	60.19	60.80	58.58	59.17	60.41	59.92	24	23	29.2	29.9	26.9	25	26.3	32	22.8	91	95	72	71	86	92	84.5	8.6
12	59.60	59.97	60.64	58.16	58.89	60.55	59.64	22.9	22.2	28.4	30.8	29.9	24	26.4	31.8	21.9	95	95	69	63	68	86	79.3	------
13	59.77	59.86	60.48	59.07	59.49	60.71	59.90	22.5	22	28.9	29.9	29	24.9	26.2	32	21.4	92	93	68	68	75	88	80.7	------
14	60.01	60.50	61.48	59.39	59.71	61.19	60.38	22.6	22.4	29	30	27	24.3	25.9	30.6	21.9	97	93	70	71	84	91	84.3	------
15	60.71	61.32	62.05	60.36	60.46	61.82	61.12	22.2	21.4	29.6	29.9	29.2	23.9	26	32.1	21.1	94	95	69	68	72	89	81.2	------
16	61.02	61.51	61.94	59.01	59.12	60.50	60.52	22.2	20.9	28.9	30.6	29.7	25.4	26.3	31.9	20.6	92	95	68	64	65	84	78	------
17	59.80	60.36	60.80	58.43	58.68	59.99	59.68	22.3	21.5	28.6	30.8	29.1	23.9	26	31.9	20.5	94	94	69	66	65	87	79.2	------
18	59	59.78	60.51	58.33	58.91	60.68	59.54	21.5	20.8	28.8	31.4	30	26.4	26.5	32.6	20.4	91	91	64	61	61	76	74	------
19	60.02	59.82	60.73	58.38	59.32	60.89	59.86	23.7	22.6	30.6	31.7	30	24.9	27.2	34.5	22	86	91	70	68	56	86	76.2	------
20	60.50	61.35	62.48	60.28	60.92	62.22	61.29	23.4	24.5	27.6	31.3	29.9	28.4	27.5	33.8	23.3	99	91	83	66	62	64	77.5	------
21	61.59	61.80	61.58	60.41	61.01	61.90	61.38	23.6	23.9	30.5	27.6	25.5	26.1	26.2	32.9	22.5	88	86	61	87	89	87	83	11
22	59.28	60.17	60.97	58.73	59.60	61.29	60.01	24.5	24.4	29.7	32	27.9	25.5	27.3	32.9	23.5	91	91	77	64	78	92	82.2	4.1
23	60.12	60.44	60.88	58.68	59.22	60.55	59.98	23.8	25.1	30.2	32.4	29.8	24.2	27.6	33	23.2	97	90	73	65	63	85	78.8	------
24	59.91	59.78	60.98	58.66	59.74	61.13	60.03	23.6	23.2	28.6	31.5	26.9	26.1	26.6	33.4	22	93	89	76	66	88	88	83.3	.3
25	59.91	59.84	60.46	58.72	59.53	61.20	59.94	25.3	24.2	30.5	34	30	25.8	28.3	34.6	23.8	86	94	71	54	64	78	74.5	------
26	60.19	60.62	61.22	59.18	59.51	60.90	60.27	26.3	26.3	29.7	33.2	29.8	24.4	28.3	34.4	23.2	82	76	66	51	65	81	70.2	------
27	59.91	60.06	60.53	58.85	59.34	60.11	59.80	22.9	23.9	28.6	30.2	26.5	25.1	26.2	30.8	22.4	87	92	80	70	86	92	84.5	4.1
28	59.52	59.65	60.14	58.35	58.50	59.28	59.24	24.7	24.2	30.7	32	28.5	25.5	27.6	33.1	22.2	90	92	59	59	71	81	75.3	------
29	58.70	58.89	59.35	57.52	58.31	59.94	58.73	20.5	21.4	29.1	33.4	29.6	26.1	26.7	34.1	20.3	99	90	67	46	58	73	72.2	------
30	59.02	59.51	60.39	58.01	58.88	59.96	59.30	22.8	13.9	29.4	31.1	29.5	27.3	26.5	33.2	18.2	88	88	61	60	59	69	70.8	------
Mean	59.93	60.21	60.97	58.92	59.44	60.92	60.03	23.5	22.8	29.1	30.6	28.4	25.4	26.6	32.3	21.9	91.1	91.9	70.2	67	73.8	83.7	79.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	97.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	ESE	S	E	NE	15.8	52.8	55.2	32.7	156.5	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
2	NE	N	NW	SE	Calm	N	33.6	33.3	38.6	14.8	120.3	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
3	NW	NW	NW	WNW	N	NW	13.4	25.1	34.8	10.7	84	4	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.-N.
4	N	SE	SW	S	S	N	14.7	29.2	67.1	16.6	127.6	4	A.-Cu. E	S.-Cu.	6	Ci.-S.	Cu.
5	N	N	SW	S	NW	W	19.1	37.6	47.5	11.9	116.1	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
6	SE	NE	WNW	SW	SE	Calm	17.4	39.7	52.8	13.2	123.1	5	Ci.-S.	S.-Cu.	5	Ci.	Cu.
7	N	N	NW	SE	SE	E	24.1	35.4	67.6	24.1	151.2	7	Ci.-S.	S.-Cu.	7	Ci.	Cu. ENE
8	NE	NW	W	SE	SE	NE	17.9	37	75.4	32.5	162.8	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. NE
9	NE	N	W	S	NE	NE	21.7	37.2	83.7	16.9	159.5	4	A.-Cu. E	Cu. E	7	Ci.-S.	Cu. E
10	NE	NE	SE	NW	NW	NW	18	30	37.2	17.7	102.9	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
11	NW	NW	SW	S	W	NW	11.6	33.5	47	13.7	105.8	6	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N.
12	NW	NW	W	S	Calm	NE	13.9	29.2	62.8	15.5	121.4	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NE
13	N	N	SW	SE	E	E	22.7	44.9	38.9	11.9	118.4	2	Ci.-S.	Cu.	9	A.-Cu. ENE	Cu. N
14	NE	N	W	SE	NW	NW	19.9	36.7	58.5	13.4	128.5	6	A.-Cu. E	S.-Cu.	7	Ci.	Cu. N
15	NW	N	SW	S	NE	NE	16.9	39.9	47.3	19.3	123.4	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
16	N	N	WSW	S	S	SSE	23.5	41.3	51.7	15.1	131.6	2	Ci.	S.-Cu.	6	A.-Cu. E	Cu:
17	NE	NE	SSW	S	SE	NE	19.8	48	59.2	18.5	145.5	1	Ci.	S.-Cu.	5	Ci.	Cu. ENE
18	N	NNW	W	SW	NE	Calm	23.5	42.6	72.9	29.5	168.5	4	Ci.-S.	S.-Cu.	4	Ci.	Cu. E
19	Calm	Calm	SW	S	E	Calm	20.1	45.3	76.1	19.5	161	1	Ci.	S.-Cu.	6	Ci.	Cu. E
20	Calm	Calm	Calm	S	NE	NE	18.7	38.3	65	39.6	161.6	6	A.-Cu. E	Cu. E	8	A.-Cu. E	Cu. E
21	Calm	Calm	W	ESE	Calm	Calm	22.7	45.6	54.7	23.8	146.8	8	Ci.-S. E	Cu.-N. E	10	Ci.-S.	Cu.-N. E
22	Calm	Calm	SW	S	Calm	Calm	20.3	39.6	67.6	18.8	146.3	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
23	Calm	Calm	S	S	NE	Calm	20.3	42.8	63.3	31.2	157.6	7	Ci.-S.	Cu.-N. E	6	Ci.	Cu.
24	Calm	Calm	SE	SE	Calm	Calm	24.3	39.2	71.9	18	153.4	7	Ci.-S. W	S.-Cu.	8	A.-Cu. E	Cu. E
25	Calm	Calm	SSE	ESE	E	Calm	17.1	63.6	94.8	23.3	198.8	6	A.-Cu. E	Cu.-N.	4	Ci.	Cu. E
26	Calm	E	SW	ESE	E	Calm	19.6	47	60.2	23	149.8	4	Ci.	Cu. E	7	A.-Cu.	Cu.-N. E
27	Calm	Calm	W	S	Calm	Calm	16.6	33.3	47.8	20.3	118	9	Ci.-S.	Cu-.N. E	10	A.-Cu.	Cu.-N. ENE
28	Calm	Calm	NE	SE	SE	NE	15.5	44.3	58.9	33.6	152.3	7	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu. E
29	Calm	Calm	SW	NE	E	Calm	22.8	50.7	67.3	28.8	169.6	7	Ci.-S.	S.-Cu.	5	Ci.	Cu.
30	Calm	Calm	W	S	NE	Calm	25.7	43.3	75.3	17.7	162	6	Ci.-S.	S.-Cu.	7	Ci.	Cu. E
Mean	------	------	------	------	------	------	19.7	40.2	60	20.9	140.8	5.1	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,224.3	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59. 69	60. 14	60. 94	58. 82	59. 32	60. 54	59. 91	25. 8	24. 9	29. 9	31. 4	29. 5	25. 8	27. 9	32. 3	22. 9	90	88	62	61	65	80	74. 3	------
2	60. 21	60. 77	61. 30	58. 86	59. 58	61. 39	60. 35	22. 6	22	29. 9	32	30	27. 3	27. 3	33. 5	20. 6	94	90	68	59	60	70	73. 5	------
3	60. 59	60. 69	60. 90	59. 10	59. 13	60. 75	60. 19	25. 1	25. 2	29. 8	28. 6	28. 9	26. 6	27. 4	32. 6	24. 3	81	83	67	76	70	79	76	1.8
4	59. 43	59. 50	60. 13	57. 45	57. 92	59. 83	59. 04	25	23. 6	29. 3	33. 6	29. 7	27. 4	28. 1	34. 7	22. 8	85	91	74	51	63	68	72	------
5	58. 17	58. 49	58. 65	56. 32	56. 82	58. 56	57. 84	23. 4	22. 3	29. 6	31. 3	29. 5	25. 7	27	33. 9	21. 8	92	92	62	63	60	74	73. 8	------
6	58. 18	58. 88	59. 20	56. 76	57. 50	59. 25	58. 30	23. 4	24. 9	29. 7	31	30. 9	26. 9	27. 8	32	22. 1	86	83	69	69	60	85	75. 3	1.3
7	58. 29	58. 79	60. 20	58. 09	58. 70	60. 66	59. 12	24. 8	24. 9	28. 5	30. 4	29. 2	25. 4	27. 2	31. 6	23. 9	87	88	84	72	79	88	83	1.3
8	58. 79	59. 19	59. 59	57. 90	57. 84	59. 73	58. 84	24	23. 4	30. 9	29. 6	29. 9	27. 5	27. 6	32. 9	22. 9	95	96	69	77	75	76	81. 3	------
9	57. 98	57. 87	58. 19	56. 02	56. 30	57. 75	57. 35	23. 6	22. 9	30. 5	30. 9	30. 4	28	27. 7	33. 6	22. 1	88	91	65	72	70	73	76. 5	------
10	56. 59	56. 64	57. 49	55. 64	55. 97	56. 74	56. 51	24. 7	24. 6	28. 4	30	29. 3	27. 7	27. 4	31. 1	23. 8	91	92	88	81	69	75	82. 7	2.6
11	56. 41	56. 57	58. 17	56. 57	56. 74	58. 66	57. 19	25. 6	23. 9	30. 5	32	29. 4	25. 4	27. 8	33. 8	23	87	90	71	57	62	74	73. 5	------
12	58. 28	58. 57	59. 28	57. 46	57. 81	59. 54	58. 49	22. 8	22. 4	28. 9	30. 6	29. 9	24. 7	26. 6	33. 6	21. 9	93	94	71	72	71	87	81. 3	------
13	59. 02	59. 35	59. 58	57. 63	58. 71	60. 26	59. 09	23. 4	22. 7	29. 9	31	26. 4	24. 4	26. 3	31. 8	22. 2	91	93	75	69	84	92	84	------
14	59. 28	59. 55	59. 72	57. 96	58. 67	60. 65	59. 30	22. 7	22. 9	30. 3	30. 9	29. 8	26. 9	27. 2	32. 3	22. 2	95	91	64	65	62	71	74. 7	------
15	59. 91	59. 84	60. 12	58. 28	58. 63	60. 22	59. 50	22. 5	21. 4	29. 8	31. 6	30. 3	28. 5	27. 4	32. 4	21. 2	90	92	69	65	61	66	73. 8	15.2
16	59. 60	59. 94	60. 35	58. 44	59. 09	60. 50	59. 65	25. 1	24. 4	28. 6	30. 5	29. 5	26. 9	27. 5	31. 2	24. 4	91	96	82	72	77	80	83	.3
17	59. 80	60. 20	60. 12	57. 95	58. 88	60. 53	59. 58	24. 7	24. 8	30. 5	30. 6	29. 3	28. 4	28	32. 6	23. 8	94	90	74	73	68	70	78. 2	.3
18	60. 22	60. 61	60. 26	58. 53	59. 06	60. 61	59. 88	25. 2	25. 4	29. 8	30. 7	28. 9	26	27. 7	32. 5	24. 1	89	92	77	67	73	87	80. 8	------
19	59. 41	60. 24	60. 54	57. 67	57. 86	60. 05	59. 30	24. 3	24. 4	30	30. 9	29. 8	26. 2	27. 6	31. 9	23. 4	91	90	74	74	75	85	81. 5	------
20	59. 40	59. 59	59. 89	57. 75	58. 29	60. 41	59. 22	25. 1	24	30. 4	31. 4	29. 3	27. 1	27. 9	32. 2	22. 9	90	92	72	67	68	81	78. 3	12.4
21	59. 89	60. 22	60. 53	58. 93	59. 52	61. 80	60. 15	24. 3	24. 1	30. 6	31. 9	29. 8	25. 8	27. 8	32.5	23. 7	93	95	65	67	72	87	79. 8	------
22	61. 33	61. 40	61. 63	58. 99	59. 12	61. 43	60. 65	23. 5	24	30. 2	31. 6	30. 7	26. 5	27. 8	32. 3	22. 8	97	91	70	70	73	79	80	------
23	60. 59	60. 63	60. 87	58. 28	58. 07	59. 90	59. 72	23. 6	22. 3	30. 3	31. 6	29. 4	26. 4	27. 3	32. 4	21. 5	90	88	63	68	81	88	79. 7	8.7
24	59. 09	59. 21	59. 44	57. 68	57. 68	59. 13	58. 70	24. 9	23. 4	30. 2	30. 1	30. 2	24. 8	27. 3	31. 7	22. 8	96	93	73	71	69	84	81	------
25	58. 22	57. 76	59. 01	57. 69	57. 57	59. 31	58. 26	23. 1	21. 9	30	27. 9	29	26. 5	26. 4	31. 3	21. 6	94	95	67	81	81	91	84. 8	9.1
26	58. 50	58. 15	58. 71	57. 14	57. 04	57. 68	57. 87	25. 4	25. 5	29. 5	29. 8	28. 2	26. 4	27. 5	30. 3	24. 3	96	94	75	69	77	88	83. 2	3
27	56. 58	56. 25	56. 38	54. 28	55. 02	56. 58	55. 85	25. 7	26	27. 6	28. 5	26. 3	26. 4	26. 8	30. 6	25. 4	93	91	88	85	93	92	90. 3	19.1
28	55. 41	55. 20	56. 18	54. 52	55. 10	56. 31	55. 45	25. 5	26	29. 8	30. 6	29. 2	27	28	31. 9	24. 8	95	92	73	68	78	91	82. 8	9.4
29	55. 82	55. 67	56. 54	54. 73	55. 19	56. 70	55. 78	24. 7	24. 4	28. 9	29. 4	29. 4	25. 7	27. 1	31. 7	23. 6	97	95	78	81	76	93	86. 7	9.4
30	56. 28	56. 33	56. 70	54. 52	55. 19	56. 45	55. 91	25. 3	25. 1	29. 6	32	29. 2	29. 1	28. 4	32. 5	24. 8	96	98	73	65	78	75	80. 8	------
31	56. 22	56. 44	56. 53	55. 51	56. 30	57. 03	56. 34	27. 7	28. 1	29	30. 4	29. 2	29. 2	28. 9	30. 8	24. 8	81	83	77	68	82	76	77. 8	10.9
Mean	58. 62	58. 80	59. 26	57. 27	57. 70	59. 32	58. 49	24. 4	24. 1	29. 7	30. 7	29. 4	26. 7	27. 5	32. 3	23. 1	91. 2	91. 3	72. 2	69. 5	72	80. 8	79. 5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	104.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	SSE	Calm	Calm	16. 4	58. 7	57. 9	13. 2	146. 2	9	A.-Cu.	Cu.-N. E	9	A.-Cu. E	Cu. E
2	Calm	Calm	SW	SW	Calm	Calm	20. 6	44. 5	68. 1	15. 3	148. 5	2	Ci.	Cu. E	7	Ci.	Cu.-N. E
3	Calm	Calm	Calm	SSW	Calm	Calm	13. 2	50. 5	49. 1	13. 1	125. 9	7	A.-Cu.	Cu. E	10	Ci.-S.	Cu.-N. E
4	Calm	Calm	S	SE	Calm	E	19. 1	53. 1	51. 8	22. 3	146. 3	4	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. ENE
5	Calm	Calm	SW	S	Calm	Calm	20. 1	51	75. 8	19. 9	166. 8	4	Ci.-S.	Cu.	7	Ci.	Cu. ENE
6	Calm	Calm	S	S	NE	Calm	17. 9	41	65. 2	16. 7	140. 8	9	A.-Cu.	S.-Cu.	8	A.-Cu. SE	Cu. ENE
7	Calm	Calm	E	S	Calm	Calm	15. 6	32. 4	40. 4	12. 3	100. 7	9	Ci.-S.	N. E	10	A.-Cu. E	Cu.-N. ENE
8	Calm	Calm	S	N	S	Calm	15. 8	51. 3	55. 3	33	155. 4	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.
9	Calm	Calm	SW	S	Calm	Calm	19. 9	44. 3	67. 9	16. 6	148. 7	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
10	Calm	Calm	N	S	Calm	Calm	19. 8	35. 6	52. 1	19	126. 5	5	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. SE
11	Calm	Calm	S	E	SE	Calm	21. 1	57. 4	66. 6	24. 9	170	10	A.-Cu. WSW	Cu.-N.	10	Ci.-S.	Cu.
12	NE	Calm	Calm	SE	Calm	Calm	21. 1	45. 4	94. 3	15. 6	176. 4	2	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N E
13	Calm	Calm	S	S	Calm	Calm	22. 5	47. 3	68. 6	18. 3	156. 7	4	Ci.-S. E	S.-Cu.	8	Ci.-S. WSW	Cu. E
14	Calm	Calm	SSW	S	NE	E	20. 7	43. 8	59. 3	17. 4	141. 2	7	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. ENE
15	Calm	Calm	SW	S	NE	Calm	26	49. 4	68. 7	39. 2	183. 3	7	Ci.-S. E	Cu.	6	Ci.	Cu.
16	Calm	Calm	Calm	S	SE	Calm	17. 9	28. 7	59. 2	38. 9	144. 7	9	Ci.-S.	Cu.-N. SW	9	A.-Cu. WSW	Cu.-N.
17	NW	Calm	S	S	Calm	NE	16. 7	39. 6	40. 2	24. 3	120. 8	4	A.-Cu. W	Cu.	9	Ci.-S.	Cu.-N.
18	Calm	Calm	S	SW	NE	Calm	16. 7	39. 7	39. 6	20. 9	116. 9	8	A.-Cu.	Cu.-N.	8	A.-Cu. WNW	Cu.-N.
19	Calm	Calm	S	S	S	Calm	17. 1	43. 7	53. 1	23. 3	137. 2	4	Ci.-S.	Cu.-N.	5	A.-Cu. W	Cu.
20	Calm	Calm	S	SE	NNE	Calm	15. 3	42. 3	80. 8	26. 9	165. 3	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
21	Calm	Calm	NW	SSE	Calm	Calm	18	36. 2	57. 3	18. 8	130. 3	6	A.-Cu. N	Cu.-N.	8	A.-Cu.	Cu.-N. ENE
22	Calm	Calm	S	S	W	Calm	13. 2	37. 6	47. 2	29. 5	127. 5	4	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N. ENE
23	Calm	Calm	SW	S	Calm	Calm	21. 1	40. 2	46. 9	15. 5	123. 7	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.
24	Calm	Calm	NW	SE	Calm	Calm	14. 8	29. 2	57. 7	17. 4	119. 1	8	Ci.-S.	Cu.-N. E	10	Ci.-S. E	Cu.
25	Calm	Calm	S	ESE	Calm	Calm	20. 9	34. 4	36	7. 2	98. 5	6	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N.
26	Calm	Calm	NNW	NW	Calm	Calm	11. 6	34. 1	40. 7	20. 1	106. 5	10	Ci.-S.	Cu.-N. WNW	10	Ci.-S.	Cu.-N. WNW
27	N	Calm	NW	NW	Calm	Calm	31. 6	34. 6	47. 2	14. 3	127. 7	9	A.-Cu. NE	Cu.-N. NW	10	Ci.-S.	Cu.-N. NW
28	Calm	Calm	NW	NNW	Calm	Calm	31. 7	57. 1	58. 2	11. 5	158. 5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	Calm	Calm	NW	SE	Calm	Calm	16. 1	34. 9	52. 3	11. 1	114. 4	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. WNW
30	Calm	Calm	S	WNW	S	SW	12. 1	26. 8	65. 5	36. 5	140. 9	10	Ci.-S.	Cu.-N. SW	10	A.-Cu.	Cu.-N. WSW
31	S	SSW	S	S	S	SSE	142. 1	177. 8	127. 1	160. 4	607. 4	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
Mean	------	------	------	------	------	------	22. 8	46. 5	59. 7	24. 9	154	6. 5	------------	------------	8. 5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4, 772. 8	----	------------	------------	---	------------	------------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.60	56.85	57.87	56.97	57.52	59.93	57.62	28.7	28.4	29.6	30	29.7	23.9	28.4	31.2	23.4	78	77	77	71	72	96	78.5	25.6
2	58.48	58.41	59.45	57.23	57.58	59.26	58.40	25.5	25.9	30	29.8	29.3	26.4	27.8	30.9	25.3	89	89	75	73	81	92	83.2	-----
3	58.31	58.67	59.48	57.64	58.67	59.90	58.78	24.8	25.1	29.2	30.2	29	26.3	27.4	30.9	24.2	98	94	82	71	82	94	86.8	.8
4	58.58	59.18	59.33	57.64	58.62	60.53	58.98	24.4	24.6	29.9	30.2	29.2	27.2	27.6	31.2	23.6	97	92	77	73	79	88	84.3	-----
5	59.31	59.57	60.19	58.57	59.42	61.19	59.71	24.6	24	30	31	28.3	26.2	27.4	32.3	23.4	97	92	74	68	84	90	84.2	-----
6	60.40	60.96	60.98	58.77	59.49	61.41	60.34	24.1	24.1	30.8	31.6	30	27.8	28.1	32.1	22.9	95	91	72	65	62	69	75.7	-----
7	60.08	60.32	60.57	58.22	58.48	60.20	59.64	23.1	23.2	29.6	31	30	25.9	27.1	32.1	22.2	98	93	70	68	74	81	80.7	-----
8	59.22	59.19	59.72	57.94	58.06	59.52	58.94	24.3	24.8	30	31	26.5	25	26.9	32.1	23.6	88	90	73	68	90	95	84	6.9
9	59.23	59.38	59.38	57.81	57.96	59.68	58.91	23.5	23.4	29.9	31.3	29.5	27.4	27.5	31.7	22.5	98	94	73	69	76	67	79.5	-----
10	59.28	59.53	60.18	58.56	58.63	60.51	59.45	23.2	22.8	30	32	30.2	26.2	27.4	32.5	22.1	91	91	73	65	73	82	79.2	-----
11	59.89	60.02	59.84	57.87	58.14	59.68	59.24	24.1	23.7	30.3	32	29.8	26.9	27.8	32.8	22.6	91	91	70	60	72	80	77.3	-----
12	59.12	59.49	59.39	57.46	57.59	59.24	58.72	25.2	22.9	30.2	31.9	29.9	24.9	27.5	32.7	22	84	93	69	63	65	86	76.7	-----
13	58.93	58.98	59.05	57.05	57.67	59.43	58.52	22.7	23	30.3	31.8	29.7	25.5	27.2	32.3	22.2	93	90	70	61	71	85	78.3	-----
14	59.09	59.62	59.79	57.73	57.84	59.66	58.96	23.4	23.3	31	31	30	25.5	27.4	32.5	21.9	94	91	61	67	71	80	77.3	-----
15	58.79	59.04	58.91	56.96	57.39	58.83	58.32	23.7	23.9	29.6	30.8	27.6	26.2	27	32.2	22.2	87	87	69	66	89	92	81.7	6.9
16	58.11	58.20	57.99	55.67	56.51	57.61	57.35	24.5	23.4	30	31.1	25.6	24.4	26.5	33.2	22.8	95	96	70	69	90	96	86	37.8
17	56.93	57.18	57.29	56.23	56.27	56.75	56.78	24.1	23.6	30.1	25.9	26.2	25	25.8	31.8	23	97	95	69	86	89	95	88.5	12.4
18	54.79	54.44	54.13	53.76	54.97	56.57	54.78	24.2	24.2	25	24.9	26	28.5	25.5	28.5	23.7	97	94	98	96	89	80	92.3	33.9
19	56.72	56.79	57.83	57.08	57.42	59.17	57.50	27.3	28.1	29.6	28.9	29.2	27	28.4	30.2	25.3	85	81	72	80	76	80	79	1
20	58.18	58.25	58.71	57.68	58.14	59.82	58.46	25.2	25.4	29.2	29.9	29.9	25.5	27.5	31.4	24.3	92	93	78	73	67	89	82	.8
21	58.92	59.33	59.77	58.09	58.70	60.45	59.21	23.9	23.5	29.2	30.6	26.9	24.9	26.5	31.4	23.1	95	96	76	70	88	92	86.2	3.3
22	59.71	59.62	59.90	58.28	59.04	59.54	59.35	24.9	24.7	29.8	28.8	27.2	25.4	26.8	30.8	23.8	92	94	75	75	84	93	85.5	27.7
23	59.01	58.93	59.65	57.83	58.27	59.70	58.90	24.9	23.4	29.6	31	25.7	24.8	26.6	31.7	22.9	90	96	67	72	89	97	85.2	29.5
24	58.62	58.32	58.93	57.41	57.27	58.71	58.21	22.9	23	29.8	26.9	27.1	24.4	25.7	30.8	22.5	98	96	71	86	85	96	88.7	1.6
25	57.63	57.48	58.50	56.83	57.31	58.68	57.74	23.4	23.3	27.9	28.8	27.2	26.1	26.1	30.4	22.6	97	96	79	78	87	90	87.8	.3
26	57.69	57.91	57.93	56.74	57.05	58.13	57.58	24	24.2	28.8	28.3	27.8	24.8	26.3	29.8	23.3	97	94	79	82	85	93	88.3	35.6
27	57.19	56.67	57.28	56.21	55.81	57.21	56.73	24.7	24.9	27.3	27.7	27	25.7	26.2	28.2	23.9	96	96	90	86	91	93	92	30.4
28	56.41	56.27	56.58	55.01	55.77	57.06	56.18	27	28.3	29.8	30.2	29.6	29.3	29	30.8	25.2	81	75	73	75	74	79	76.2	.5
29	56.88	57.31	57.44	55.83	56.87	58.30	57.10	28.6	27.4	29	29.3	29.4	25.3	28.2	30.5	24.4	80	81	77	76	71	89	79	10.4
30	57.61	57.16	57.44	56.08	57.33	58.31	57.32	24.8	26	28.6	29.3	24.5	25	26.4	30.1	23.9	92	88	76	77	99	92	87.3	32
Mean	58.32	58.44	58.78	57.17	57.66	59.17	58.26	24.7	24.6	29.5	29.9	28.3	25.9	27.1	31.3	23.3	92.1	90.9	74.5	73	80.2	87.7	83	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	297.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SSE	SE	S	S	ESE	135.8	142.9	91.1	84.5	454.3	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. S
2	E	E	SE	S	S	Calm	28.7	44.3	62	15.8	150.8	10	Ci.-S.	Cu.-N. SSE	10	A.-Cu. SW	Cu.
3	Calm	Calm	S	SE	Calm	Calm	14.8	29.5	42.3	10.8	97.4	10	Ci.-S.	Cu.-N.	9	A.-Cu. WSW	Cu.-N.
4	Calm	Calm	SE	SE	Calm	Calm	14.5	37.5	60.9	18	130.9	8	A.-Cu.	Cu.-N. S	8	Ci.-S. NE	Cu.
5	Calm	Calm	SE	SE	Calm	Calm	16.6	42.3	37.6	17.4	113.9	4	Ci.-S.	S.-Cu.	8	Ci.-S. E	Cu.
6	Calm	Calm	W	S	SE	NE	19.6	32.2	67.9	29.5	149.2	6	Ci.-S. NE	Cu.	8	Ci.-S.	Cu. E
7	Calm	Calm	Calm	S	Calm	Calm	22	19.3	55	24.7	121	7	Ci.-S. NE	Cu.	7	A.-Cu. E	Cu. E
8	Calm	Calm	SW	SSE	Calm	Calm	20.7	34.9	38.8	16.1	110.5	7	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
9	Calm	Calm	Calm	S	Calm	NE	24.3	32.8	61.4	22.5	141	4	Ci.-S. SE	Cu.	7	Ci.-S. S	Cu.
10	Calm	Calm	S	S	SE	NNE	25.4	36.4	56.5	26.8	145.1	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. E
11	Calm	Calm	S	S	Calm	Calm	26	39.1	42.3	29.8	137.2	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. E
12	Calm	Calm	W	SW	Calm	Calm	21.5	36.4	44	35.7	137.6	2	Ci.-S.	Cu.	7	A.-Cu. ESE	Cu.
13	N	Calm	SW	S	Calm	Calm	29.5	49.3	70.8	18	167.6	4	Ci.	Cu.	8	Ci.-S.	Cu. E
14	Calm	Calm	Calm	SSE	E	N	23.1	89.4	65	25.4	152.9	4	A.-Cu.	Cu. E	8	Ci.-S.	Cu.-N. E
15	Calm	Calm	SSW	SE	Calm	Calm	27.1	37	56.8	19.9	140.8	2	Ci.	Cu. E	10	Ci.-S.	Cu.-N. E
16	Calm	Calm	SW	S	Calm	Calm	18.2	39.7	48.8	14.8	121.5	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
17	Calm	Calm	NW	SW	Calm	Calm	17.7	42	38.4	17.4	115.5	9	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N. N
18	Calm	Calm	WSW	SSW	SSW	SSE	43.7	153.1	178.6	206.4	581.8	10	Ci.-S.	N. WNW	10	Ci.-S.	Cu.-N. SW
19	SSE	SSE	SE	ESE	S	Calm	217	173.5	69.4	25.1	485	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. S
20	Calm	NE	SE	SE	Calm	Calm	24.9	56.1	58.9	19.5	159.4	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
21	Calm	Calm	SW	S	Calm	Calm	20.1	42.3	49.6	16.3	128.3	9	Ci.-S.	Cu.	8	A.-Cu. WSW	Cu.-N.
22	Calm	Calm	SW	Calm	Calm	Calm	19.3	38.1	36	17.7	111.1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
23	Calm	Calm	S	S	Calm	Calm	19.8	37.3	47.5	18.8	123.4	5	Ci.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N.
24	Calm	Calm	W	NW	Calm	Calm	21.9	29.6	30.6	14.3	96.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25	Calm	Calm	Calm	S	SE	Calm	22.2	19.3	49.7	26.2	117.4	9	Ci.-S.	Cu.-N. NE	9	Ci.-S. E	Cu.-N.
26	Calm	Calm	NNW	NNW	Calm	Calm	19.1	23.8	39.9	25.2	108	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WNW
27	Calm	Calm	Calm	Calm	Calm	Calm	14.7	19.6	28.4	18.2	80.9	10	Ci.-S.	N. W	10	Ci.-S.	Cu.-N. W
28	Calm	SSW	S	S	S	S	47.8	135.9	96.9	58.5	339.1	8	Ci.-S.	Cu.-N. WSW	9	A.-Cu. W	Cu.-N. SW
29	S	SE	SE	SE	S	SSE	121.3	87.1	100	61.5	369.9	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SW
30	E	Calm	S	SE	SE	Calm	52.5	88.3	84	25.1	249.9	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. WSW
Mean	-----	-----	-----	-----	-----	-----	37.7	54.6	60.3	32	184.6	7.4	-----	-----	8.9	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,537.8	-----	-----	-----	-----	-----	-----

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.19	57.10	57.78	56.21	57.22	58.90	57.40	24.6	26.1	29	29.9	28.7	25.8	27.4	30.7	24.4	99	91	74	71	81	93	84.8	2.8
2	57.73	57.61	58.39	56.72	57.34	58.92	57.78	24.7	24.4	29	30	29.4	25.6	27.2	30.9	23.6	95	93	72	74	71	95	83.3	4.8
3	57.88	58.01	57.67	56.04	56.63	57.76	57.33	24.7	25.1	30.2	31.5	28.6	26.8	27.8	32.2	24.3	99	97	69	59	76	86	81	------
4	56.60	56.46	56.93	55.52	55.71	57.38	56.43	25.5	25.1	29.1	28.9	28.4	26.4	27.2	31.8	24.5	92	94	73	78	80	90	84.5	1.8
5	56.39	56.20	57.10	56.14	56.56	57.36	56.62	25.6	27.4	28	28.9	28.3	28.4	27.8	29.6	24.9	91	79	69	73	75	71	76.3	------
6	56.11	56.26	56.98	55.18	55.20	56.90	56.10	27.9	27.9	29.4	29.5	29.9	29.4	29	30.8	27.4	77	79	71	73	68	74	73.7	------
7	56.59	56.66	57.33	55.48	55.98	57.63	56.61	28.4	28.4	29.5	29.9	29.9	29.4	29.2	31.1	27.9	78	74	70	76	68	74	73.3	------
8	56.79	56.67	57.58	56.35	57.02	58.30	57.12	27.7	27.1	29.6	29.7	29.3	25.4	28.1	30.4	24.1	85	86	73	73	72	88	79.5	------
9	57.79	57.88	57.78	56.19	56.99	57.96	57.43	23.8	23.1	29.4	29.7	30	27.3	27.2	30.9	22.5	94	94	68	73	75	89	82.2	------
10	57.50	57.52	57.95	56.66	57.14	57.96	57.46	25.9	24.9	30.9	30.6	30.5	27.5	28.4	31.6	24.4	90	92	69	70	68	78	77.8	------
11	58.08	58.18	58.84	57.56	57.60	58.58	58.14	28.7	28.8	29.5	30	30	29.4	29.4	31	27.5?	80	80	76	75	75	76	77	------
12	57.80	58.29	58.97	57.93	58	59.27	58.38	28.9	28.5	29.1	30.6	29.9	29.1	29.4	31.2	27.2	76	81	80	74	72	80	77.2	------
13	58.52	58.35	59.13	57.89	58.41	59.25	58.59	27.9	28.4	30.2	30	29.4	25.9	28.6	31.1	24.8	84	77	74	75	76	90	79.3	------
14	58.61	59	59.46	58.09	58.13	59.64	58.82	26.3	26	30.3	30	29.4	26.9	28.2	31.2	24.4	84	87	67	75	74	83	78.3	------
15	59.17	58.98	58.93	57.86	58.09	58.97	58.67	25.7	24.9	30.3	30.1	29.6	26.6	27.9	31	24.4	88	93	75	70	74	86	81	.8
16	58.21	57.84	58.15	56.53	56.96	58.13	57.64	25	24.9	28.8	29.6	25.9	24.9	26.5	30.6	23.2	91	94	79	74	88	92	86.3	16.4
17	57.38	57.35	58.11	56.67	57.13	58.58	57.54	23.5	23.4	28.6	28.9	28.8	25.1	26.4	30.3	22.6	96	96	69	79	75	88	83.8	.3
18	58.22	57.90	58.19	56.58	56.60	58.37	57.64	23.6	27.5	29	29.3	29.7	26.5	27.6	30.2	23.2	96	76	76	74	69	85	79.3	------
19	57.79	57.71	58.11	56.19	56.58	58.16	57.42	24.6	24.4	29.4	29.6	29	26.4	27.2	30.5	23.4	99	93	70	71	76	84	82.2	85.1
20	58.09	58.17	58.54	56.96	57	58.63	57.90	23.7	23.1	28.3	26.6	27.2	25	25.6	30	22.7	98	98	80	89	84	92	90.2	5.9
21	57.92	58.45	58.32	56.69	57.40	58.52	57.88	23.7	23.5	28.6	29.8	25.2	25.6	26.1	30.4	23.2	97	94	72	71	93	93	86.7	32.3
22	57.68	57.38	57	55.73	56.17	57.59	56.92	24.1	24.4	28	28.6	28.5	24.7	26.4	29.6	23	99	91	79	75	77	93	85.7	2.8
23	56.39	55.88	55.79	54.72	55.45	57.16	55.90	23.2	23	29.4	30	27.4	25.6	26.4	30.6	22.5	99	97	75	71	87	92	86.8	.5
24	56.32	56.41	56.65	56.20	56.34	57.69	56.60	25.5	28	29.4	29.9	28.6	26.1	27.9	30.4	24.7	88	79	73	72	80	90	80.3	------
25	57.42	56.89	57.83	56.67	56.98	58.37	57.36	24.7	28.4	29.4	28.8	28.7	26	27.7	30.6	24.2	95	80	74	78	78	91	82.7	------
26	57.80	57.43	57.88	56.92	57.27	58.85	57.69	26.7	28.4	29.6	30	29.5	25.6	28.3	30.6	25.1	81	78	71	71	69	89	76.5	------
27	58.10	58.23	58.82	57.72	58.52	60.09	58.58	25.6	24.9	29.7	30.2	29.4	24.6	27.4	30.8	23.4	92	95	73	71	71	90	82	------
28	59.19	59.33	59.52	58.06	59.15	60.55	59.30	23.4	22.9	29.6	30.8	26.4	24.8	26.3	31.3	22.6	94	96	73	69	72	90	82.3	------
29	59.68	59.73	60.18	58.74	58.87	60.43	59.60	23.2	22.5	29.8	30.3	29	24.9	26.6	31.9	21.9	97	95	71	72	77	90	83.7	------
30	59.91	59.96	59.75	58.04	58.90	60.02	59.43	22.8	22.1	30.1	29.9	25.4	23.9	25.7	31.6	21.3	95	93	65	73	93	88	84.5	.3
31	59.77	59.95	60.11	58.16	58.35	60.09	59.40	22.7	21.5	29.5	30.5	28.7	24.4	26.4	31.2	21.9	93	95	68	71	78	90	82.5	------
Mean	57.83	57.80	58.19	56.79	57.22	58.58	57.73	25.2	25.5	29.4	29.7	28.7	26.3	27.5	30.8	24	91	88.6	72.5	73.2	76.5	86.8	81.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	153.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	SE	SE	SE	Calm	20.9	88.5	59.2	21.4	190	9	Ci.-S.	Cu.-N. S	8	Ci.-S.	cu.-N. SSW
2	Calm	Calm	SE	SE	Calm	Calm	18.7	36.2	45.4	19.9	120.2	1	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
3	Calm	Calm	NW	NW	NW	Calm	16.7	38.6	71.8	22.5	149.6	7	Ci.-S.	Cu.-N. W	8	Ci.-S. E	Cu. NW
4	W	Calm	SW	N	Calm	NW	20.9	41.2	54.5	23.1	139.7	10	Ci.-S.	Cu.-N. W	9	Ci.-S.	Cu.-N. W
5	Calm	SW	SW	SW	SSW	S	27.7	81.5	147.2	118.9	375.3	10	Ci.-S.	N. WSW	10	Ci.-S.	cu.-N.WSW
6	SW	S	S	S	SSW	S	87.2	146.1	99.2	98.5	431	7	A.-Cu. NW	Cu.-N.	10	A.-Cu. SW	Cu.-N. S
7	S	S	SSE	SE	S	SSE	142.1	170.2	152.2	102.4	566.9	10	Ci.-S.	cu.-N. SSW	9	Ci.-S. N	Cu.-N. SW
8	SSE	SSE	SE	SE	SE	Calm	67.1	99.2	77.7	22.7	266.7	8	Ci.-S.	cu.-N. SSW	8	Ci.-S.	cu.-N.WSW
9	Calm	Calm	SE	SE	Calm	SE	18.8	54.4	79.4	19	171.6	7	Ci.	S.-Cu.	7	Ci.-S.	Cu. W
10	Calm	Calm	SSE	S	SW	Calm	21.9	69.5	86.1	36	213.5	5	A.-Cu. N	Cu.-N. SW	9	Ci.-S.	Cu.-N. W
11	S	SSW	S	S	S	S	106.5	135.6	110	104.1	456.2	10	Ci.-S.	cu.-N. WSW	10	Ci.-S.	cu.-N.WSW
12	S	S	SE	S	S	S	123.7	125.5	88	62.8	400	10	Ci.-S.	cu.-N. WSW	10	Ci.-S.	cu.-N.WSW
13	SE	SE	SSE	SE	SE	Calm	68.4	90.4	100.8	21.1	280.7	10	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu. WSW
14	Calm	Calm	SE	SE	Calm	Calm	23	52.8	85.8	18.2	179.8	7	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu. W
15	Calm	Calm	SE	SE	Calm	Calm	13.9	40.8	58.4	14.5	127.6	4	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.-N. W
16	Calm	Calm	SE	SE	Calm	Calm	18.2	33.2	51	14.8	117.2	10	Ci.-S.	cu.-N.WNW	10	Ci.-S.	Cu.-N. W
17	Calm	Calm	SE	S	Calm	Calm	20.1	52	86.9	26	185	7	A.-Cu. W	cu.-N. WSW	8	Ci.-S.	cu.-N. SSW
18	Calm	S	SE	SE	Calm	NE	32.5	90.3	75.6	36.4	234.8	7	Ci.	cu.-N. SSW	8	Ci.-S. E	Cu. WSW
19	Calm	Calm	SE	SE	Calm	Calm	19	36.7	57.3	18.3	131.3	9	Ci.-S.	cu.-N. WSW	9	Ci.-S.	Cu.
20	NE	Calm	SW	Calm	Calm	Calm	30.8	38.3	28.7	17.1	114.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
21	N	N	W	S	E	Calm	30.3	30.4	59.7	25.2	145.6	10	------------	N.	9	Ci.-S.	cu.-N.WNW
22	N	NW	W	SE	Calm	N	27.6	37.2	58.5	25.2	148.5	9	Ci.-S.	Cu.-N. W	8	Ci.-S. E	Cu.-N. W
23	Calm	Calm	SE	SE	Calm	Calm	17.9	46.9	75.1	21.5	161.4	5	Ci.	Cu.-N.	9	Ci.-S.	cu.-N.WSW
24	Calm	S	SE	SE	SW	Calm	48.5	124.9	68.7	22.8	264.9	7	Ci.-S.	Cu.-N.	9	Ci.-S.	cu.-N.WSW
25	Calm	SSE	SSE	SE	Calm	Calm	36.5	130.3	101.9	19.3	288	9	Ci.-S.	Cu.-N. S	9	A.-Cu. SSW	Cu.-N. S
26	SE	S	SE	SE	Calm	Calm	69	116.2	72.7	17.9	275.8	4	Ci.-S.	Cu.-N. S	7	Ci.-S. E	Cu.
27	Calm	Calm	SSE	SE	Calm	Calm	16.6	63.6	61.7	18.7	160.6	9	Ci.-S.	Cu.-N.	8	Ci.-S. ENE	Cu.-N.
28	Calm	Calm	SE	S	NE	Calm	19.8	56.5	59.8	21.7	157.8	6	Ci.-S.	S.-Cu.	5	Ci.	Cu.
29	Calm	Calm	SW	SE	Calm	Calm	21.7	30.9	46.5	19	118.1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
30	Calm	Calm	W	SSE	NW	Calm	24.3	33.6	65.7	23	146.6	6	A.-Cu.	Cu. E	10	Ci.-S.	Cu.-N. E
31	NW	Calm	Calm	S	Calm	Calm	24.6	36.8	55	17.2	133.6	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	39.8	71.9	75.5	33.8	221.1	7.5	------------	------------	8.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,852.9	----	------------	------------	----	------------	------------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.42	59.60	59.78	57.99	58.65	60.11	59.26	22.9	22.4	29.8	31.2	29.3	25.5	26.8	32.2	22	94	96	73	71	76	91	83.5	0.5
2	58.99	59.11	59.35	57.34	57.32	59.12	58.54	23.4	22	28.7	30.8	26.8	24.9	26.1	31.6	21.8	95	95	73	72	91	90	86	16.8
3	58.08	58.20	58.20	56.79	57.70	58.75	57.95	23.7	23.5	30.2	26.6	28.2	25	26.2	31.2	22.8	90	95	71	89	82	92	86.5	10.9
4	58.11	57.92	58.46	57.26	57.77	59.24	58.13	24.2	23.7	28.6	26.8	27.6	24.5	25.9	30	23.2	92	96	75	90	77	97	87.8	1.8
5	58.82	58.30	58.90	57.59	58.30	59.72	58.60	24	23.4	28.9	27.4	26.2	24.9	25.8	30	22.6	98	96	72	81	85	92	87.3	4.8
6	58.80	58.95	59.51	57.60	58.86	59.82	58.92	23.4	24	26.7	28.1	23.4	23.8	24.9	29.4	22.9	99	92	84	81	95	97	91.3	48.9
7	58.82	58.82	59.79	57.84	57.99	59.61	58.81	25.3	24.8	24.9	27.5	27	23.5	25.5	28.4	22.4	90	95	97	84	83	97	91	104.2
8	58.32	58.32	58.85	57.15	57.96	59.63	58.37	24	24.8	28	28.8	25.8	25.4	26.1	29.3	23.9	96	93	77	78	84	96	87.3	8.3
9	58.49	58.31	59.11	57.45	57.71	59.13	58.37	24.8	25.6	28.2	28.4	28.2	25.5	26.8	30.3	24.3	93	90	82	75	82	84	84.3	11.7
10	58.22	57.69	58.31	56.74	57.03	57.73	57.62	25	25.9	28.4	29.9	28.5	26.1	27.3	30.3	24.3	89	83	77	68	66	82	77.5	.8
11	55.90	55.34	56.23	55.33	55.43	56.60	55.80	26.7	27.9	29.1	29.2	28.2	28.5	28.3	29.8	25.3	79	71	69	74	68	72	72.2	.3
12	55.94	55.36	56.49	54.80	55.33	56.69	55.77	28.4	27.3	28.9	30.1	29.6	29	28.9	30.3	24.8	76	78	76	70	73	72	74.2	-----
13	56.43	56.69	57.07	55.78	56.44	58.26	56.78	28.5	28.4	29.9	29.4	28.9	27.6	28.8	30.3	25.8	78	75	69	78	78	77	75.8	-----
14	57.81	57.91	57.92	56.89	57.29	58.52	57.72	26.3	27.1	28.9	30.1	29.5	27.1	28.2	30.4	25.3	84	85	74	71	70	79	77.2	-----
15	58.09	58.26	58.32	56.71	57.66	59.16	58.03	25.1	24.4	31.4	29	28.1	25.5	27.2	32.1	23.7	91	93	63	76	67	88	79.7	6.7
16	58.08	57.80	58.19	56.49	56.86	58.50	57.65	24.3	23.4	29.8	28.2	27	25.4	26.4	31.3	22.5	95	96	72	88	89	96	89.3	18.3
17	58.01	58.29	58.76	57.03	57.55	59.02	58.11	24.8	23.9	29.8	28.5	27.8	25.4	26.7	30.8	23.2	94	96	71	80	82	89	85.3	10.9
18	58.52	58.14	59.01	56.78	57.42	59.06	58.16	25	23.9	28.5	30.2	29	25.4	27	30.6	23.5	89	95	81	73	77	89	84	-----
19	57.81	57.84	58.74	56.84	57.14	59.12	57.92	24.1	23.7	28.9	30.3	29.2	26.4	27.1	30.8	23.2	94	93	73	68	78	88	82.3	1.3
20	57.49	57.67	58.49	56.56	56.10	58	57.38	24.6	24.4	30	30.5	30.1	29.5	28.2	31.2	24	93	94	69	68	70	75	78.2	-----
21	57.18	57.65	57.88	55.59	56.15	58.18	57.10	28.5	28.3	30	31.3	30.3	29.6	29.7	31.8	27.8	75	77	73	66	68	69	71.3	-----
22	57.69	57.90	58.68	56.77	57.53	59.19	57.96	28.9	28.3	29.5	31.1	30.2	29.1	29.5	31.5	27.5	74	80	73	67	68	79	73.5	-----
23	59.02	59.41	59.43	57.92	58.14	59.63	58.92	27	26.4	30	30	29.4	26.6	28.2	31.3	25	79	82	74	67	72	82	76	-----
24	59.29	59.44	59.74	58.52	58.38	60.04	59.24	24.9	23.9	29.7	29.4	29.1	25.9	27.2	30.6	23.5	92	97	71	74	73	84	81.8	-----
25	58.80	58.88	59.11	57.54	57.26	58.44	58.34	23.9	23.3	30.3	30.7	29.7	29	27.8	31.4	22.6	93	97	64	67	71	74	77.7	-----
26	57.82	57.66	57.82	56.01	56.53	58.06	57.32	25.4	28.6	30.3	30.4	30.6	26.6	28.6	31.5	24.6	86	69	70	70	69	87	75.2	-----
27	57.39	57.35	57.50	55.83	56.38	58.38	57.14	28.8	28.4	30.2	31.8	30.9	29.3	29.9	32.3	26.7	76	80	71	64	65	75	71.8	-----
28	58.19	58.84	59.28	57.14	57.69	59.31	58.41	28.8	28.4	30.1	30.9	30.9	26.3	29.2	31.4	25.5	76	80	69	66	64	93	74.7	-----
29	59.20	59.25	59.56	57.85	58.13	60.08	59.01	28.7	28.6	30.2	31.4	30.7	27.8	29.6	32	24.9	71	72	69	63	66	85	71	-----
30	59.32	59.22	59.69	57.73	57.92	59.35	58.87	25.6	28.5	30.6	30.9	30.2	29.4	29.2	32.2	24.5	87	73	67	72	71	71	73.5	-----
31	58.02	57.41	58.23	56.74	57.13	58.42	57.66	26.2	28.3	29.5	30.6	27.3	27.3	28.2	31.8	25.4	90	76	75	70	81	80	78.7	2.5
Mean	58.13	58.11	58.59	56.92	57.35	58.87	58	25.7	25.7	29.3	29.7	28.6	26.6	27.6	30.9	24.2	87.4	86.8	73.4	73.6	75.5	84.6	80.2	----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	248.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	SE	N	Calm	20.3	41	54.4	17.1	132.8	3	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NW
2	Calm	Calm	E	SE	Calm	Calm	20.4	38.3	66.5	16.6	141.8	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. N
3	NW	Calm	Calm	Calm	Calm	Calm	30.8	36.5	29.8	19.6	116.7	8	A.-Cu.	Cu.-N. N	10	Ci.-S.	Cu.-N. NW
4	Calm	Calm	S	Calm	Calm	Calm	18.8	39.7	30.1	15.1	103.7	9	Ci.-S.	Cu.-N. SSE	10	Ci.-S.	Cu.-N.
5	Calm	Calm	SW	SE	Calm	Calm	16.3	42.6	51.5	24.1	134.5	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. W
6	Calm	Calm	S	SE	Calm	E	20.1	50.1	72.6	37	179.8	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. SW
7	SE	E	E	SE	SE	Calm	44.6	57.9	63.1	51.5	217.1	10	Ci.-S.	Cu.-N. W	10	A.-Cu. NNE	Cu.-N.
8	Calm	Calm	SE	SE	Calm	Calm	21.1	48.5	56.6	16.3	142.5	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
9	Calm	Calm	S	SW	SSW	E	20.1	60.9	49.3	45.4	175.7	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. W
10	Calm	Calm	S	SW	SW	Calm	18	105.2	113.5	45.4	282.1	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
11	Calm	SSW	SSW	SW	SW	SSW	43	116.5	116.5	109.7	385.7	9	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
12	SW	SSW	SSW	S	S	S	71.4	164.6	149.2	133.6	518.8	10	Ci.-S.	Cu.-N. WSW	9	Ci.-S.	Cu.-N. WSW
13	S	S	SSE	SE	Calm	Calm	147.2	125.3	102	27.2	401.7	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. WSW
14	Calm	E	SE	SE	S	Calm	25.1	99.8	85.3	17.9	228.1	8	Ci.-S.	Cu.-N. SSW	8	Ci.-S. N	Cu.-N. SSW
15	Calm	Calm	NW	Calm	SW	Calm	16.4	43.5	28.2	24.4	112.5	7	A.-Cu. ENE	S.-Cu.	10	Ci.-S.	Cu.-N.
16	Calm	Calm	N	Calm	Calm	Calm	25.9	36.5	37.8	14.7	114.9	7	Ci.-S. E	Cu.-N. NNW	9	Ci.-S. E	Cu.-N. NNW
17	Calm	Calm	NW	SE	Calm	Calm	19.3	32.8	44	13.4	109.5	8	Ci.-S.	Cu.-N. NW	9	Ci.-S.	Cu.-N. NW
18	Calm	Calm	SE	S	Calm	Calm	17.2	51.8	61.2	19.3	149.5	4	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
19	Calm	SE	SE	SE	Calm	Calm	16.4	40.2	54.9	16.9	128.4	6	A.-Cu. W	Cu.-N.	9	Ci.-S.	Cu.-N. WSW
20	Calm	Calm	S	SSE	S	SSW	17.7	66.2	78.6	91.1	253.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
21	S	S	S	S	SSW	SW	91.7	114.3	133.7	103.3	443	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SSW
22	S	S	SSE	S	SW	S	123.4	127.7	107.8	74	432.9	10	Ci.-S.	Cu.-N. WSW	9	Ci.-S.	Cu.-N. SW
23	SSE	E	SE	SE	Calm	Calm	39.4	79.4	65.2	18.5	202.5	7	Ci.-S.	Cu.-N. S	5	Ci.-S. E	Cu.-N.
24	Calm	Calm	SE	SE	Calm	Calm	18	63.1	83.7	18.8	183.6	6	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.
25	Calm	Calm	S	SE	Calm	S	21.9	81	80	37.5	220.4	7	Ci.-S. E	S.-Cu.	8	Ci.-S.	Cu.-N. W
26	Calm	SW	S	SE	S	Calm	71	134.3	110.5	57.6	373.4	8	Ci.-S. NE	Cu.-N. W	7	A.-Cu. E	Cu. WSW
27	S	S	S	S	S	SW	142.9	145	133.8	65.7	486.9	7	Ci.-S.	Cu.-N. SSW	4	Ci.-S.	Cu.
28	S	S	S	SE	S	Calm	105.1	128.5	114	52.5	400.1	9	Ci.-S.	Cu.-N.	5	Ci.-S. E	Cu.
29	SW	SSW	S	SE	S	Calm	102.5	122.3	97.2	23.8	345.8	4	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. W
30	Calm	SSW	S	SE	S	SSW	33.3	104	110.8	78.1	326.2	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
31	Calm	S	S	S	Calm	Calm	81.6	126.9	79.5	35.6	323.6	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. W
Mean	------	------	------	------	------	------	47.1	81.4	79.4	42.6	250.6	7.8	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,767.8	----	------	------	----	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.30	57.40	57.95	55.87	56.68	57.83	57.17	28.9	28.4	29.9	30.9	30.6	29.3	29.7	32.1	25.6	76	80	75	70	62	65	71.3	------
2	57	57.13	57.26	55.44	56.08	57.21	56.69	28.7	28.6	30.4	30.6	30.2	29	29.6	31.3	25.4	71	75	72	72	73	78	73.5	------
3	56.41	56.48	56.83	54.63	55.48	57.07	56.15	28.8	28.9	29.2	31.2	30.6	29.9	29.8	31.8	27.6	77	74	75	67	62	62	69.5	0.5
4	56.39	56.44	57.05	55.24	55.49	56.93	56.26	29.1	28.9	28.2	30	29.9	29.1	29.2	31.2	27.8	71	76	82	71	68	76	74	------
5	56.81	56.66	56.75	54.60	55	56.95	56.13	27.7	28.4	30	31.1	30.2	29.6	29.5	31.6	25.5	81	77	73	66	69	67	72.2	3.3
6	56.69	56.35	56.63	54.77	55.56	56.84	56.14	28.2	28.3	29.9	31.5	30.2	29.9	29.7	32	25.3	80	77	73	67	71	68	72.7	------
7	56.29	56.13	57.08	54.94	56.18	57.43	56.34	28.9	28.4	29.4	30.5	27.3	28.7	28.9	31.6	26.5	74	75	74	68	81	71	73.8	------
8	56.82	56.84	57.29	56.68	56.86	57.83	57.05	27.3	28.3	27.7	23.5	24.8	24.4	26	29.9	23	83	80	86	99	94	94	89.3	20
9	57.38	56.84	57.43	55.61	57	58.21	57.08	25.8	28.3	29.1	30.6	25.8	25.9	27.6	31.4	24.2	86	85	76	68	93	92	83.3	8.2
10	57.99	57.78	58.49	56.99	57.29	59.24	57.96	25.1	25.9	30.4	31	29.1	26.7	28	31.8	24.1	93	88	75	71	78	90	82.5	------
11	58.51	58.64	59.03	57.22	58.06	59.73	58.53	28.2	28.4	30.3	30.8	29.6	26.4	29	31.2	25.4	80	81	74	68	73	89	77.5	.3
12	58.61	58.49	58.94	56.98	58.04	59.15	58.37	25.8	28.4	29.9	29.9	29.7	25.7	28.2	32.3	24.9	93	77	72	71	70	89	78.7	.8
13	58.57	58.61	58.99	57.37	57.64	59.34	58.42	24.8	24.5	29.5	29.9	28.6	27.2	27.4	30.8	23.9	93	92	74	71	79	80	81.5	------
14	58.93	59.17	59.65	58.07	58.62	60.56	59.17	24.9	24.5	28.8	30.3	29.2	25.1	27.1	31	23.7	92	92	72	64	71	90	80.2	------
15	59.69	59.86	60.10	58.03	58.33	60.01	59.34	23.9	23.4	30.2	30.3	29.2	24.4	26.9	32.2	22.9	94	96	69	72	75	87	82.2	------
16	59.02	59.07	59.54	57.53	57.73	59.49	58.73	23.2	22.9	30	31.4	30.1	26.4	27.3	32.2	22.5	92	95	71	66	69	88	80.2	------
17	58.19	58.30	58.83	56.71	57.44	59.60	58.18	24	22.9	30.3	31.2	28.8	25.4	27.1	31.6	22.4	95	96	69	66	80	88	82.3	------
18	58.99	59.09	59.68	57.74	58.64	60.71	59.14	24.3	24.7	30	30.8	28.3	25.4	27.2	31.8	23.9	93	93	77	71	78	92	84	------
19	59.62	59.90	60.69	59.10	59.25	61.20	59.96	24.7	23	30.9	26.7	28.5	26.1	26.6	33	22.3	96	91	62	86	84	91	85	7.1
20	60.31	60.07	60.54	58.51	58.89	60.45	59.80	24.5	24.4	29.9	27.7	23.4	23.2	25.5	31.6	22.2	93	93	75	78	97	97	88.8	19.1
21	58.97	59.08	60.07	57.44	57.95	59.32	58.80	22.9	22.4	26.4	30	27.5	26	25.9	30.6	21.4	97	96	95	69	84	89	88.3	.3
22	57.99	57.95	58.83	56.57	57.44	58.81	57.93	24.3	23.4	30.3	31.7	27.5	26	27.2	31.9	22.7	97	96	72	62	84	89	83.3	12.5
23	57.47	57.27	58.76	56.76	56.85	58.70	57.64	24.9	24.3	26.7	26.9	27.3	25.5	25.9	29.6	24	93	94	87	86	89	92	90.2	8.9
24	57.79	57.63	58.33	56.54	57.68	59.19	57.86	24.1	24	29.7	29.9	28.4	26.2	27	30.8	23.6	97	96	73	72	82	85	84.2	------
25	58.30	58.22	58.91	56.59	57.48	60	58.25	25.4	24.5	29.1	29.8	29.4	24.4	27.1	31.2	23.9	89	93	71	73	75	94	82.5	6.1
26	58.10	58.59	59.12	57.10	57.58	58.96	58.24	24.1	24.1	29.2	29.6	28.3	25.8	26.8	30.9	23.8	97	97	77	73	82	89	85.8	------
27	58.58	58.68	59.40	56.76	57.92	59.96	58.55	24.8	25.5	29	30.8	29.2	27.4	27.8	31.7	24.3	92	88	77	67	74	85	80.5	.6
28	58.77	59.06	59.98	57.38	58.44	59.76	58.90	29.1	25.8	30.2	31.2	29	25	28.4	32	24	73	96	70	66	78	92	79.2	------
29	58.78	59.24	59.59	57.54	58.72	60.20	59.01	23.7	23.4	29.5	30.5	28.9	25.4	26.9	30.9	23.2	95	97	72	68	80	88	83.3	------
30	59.12	59.50	60.08	58.04	58.90	60.76	59.40	23.7	23.3	29.2	30	29.2	24.8	26.7	30.8	22.6	95	94	76	71	78	92	84.3	------
Mean	58.11	58.15	58.73	56.76	57.44	59.05	58.04	25.8	25.7	29.4	30	28.6	26.5	27.7	31.4	24.1	87.9	88	74.9	71.3	77.8	85	80.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	87.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	S	SW	SSW	105.6	124.4	99.2	47.5	376.7	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. WSW
2	S	S	S	S	SW	S	78.7	147.4	137.4	77.2	440.7	8	A.-Cu.	Cu.-N. SSW	9	Ci.-S.	Cu.-N. WSW
3	S	SSW	S	S	SW	SW	125.5	109.2	95.5	58.5	388.7	10	Ci.-S.	N. WSW	9	Ci.-S.	Cu.-N. WSW
4	S	S	SSE	S	S	S	100	132.4	122.3	114.3	469	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
5	S	SSE	S	S	S	SSW	90.3	130.8	94.1	108	423.2	9	Ci.-S.	Cu.-N. SSW	9	Ci.-S.	Cu.-N. WSW
6	S	S	SSE	S	SW	SW	75.8	139.7	131.1	92.2	438.8	10	Ci.-S.	Cu.-N. WSW	7	Ci.-S.	Cu.-N. WSW
7	S	S	S	S	SE	S	118	141.4	105.9	42.4	407.7	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WSW
8	Calm	S	S	NNW	Calm	Calm	49.7	88.3	51	13.7	202.7	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N.
9	NE	S	SE	SE	Calm	Calm	61.4	126.8	68.6	17.2	274	8	A.-Cu.	Cu.-N. SW	9	Ci.-S.	Cu.-N. WSW
10	Calm	Calm	S	SE	Calm	Calm	24.4	82.3	56.3	20.6	183.6	9	A.-Cu.	Cu.-N. SW	8	Ci.-S. E	Cu.-N. WSW
11	S	SSW	S	SE	Calm	Calm	48.9	99.5	67.6	31.2	247.2	8	A.-Cu.	Cu.-N. W	7	Ci.-S.	Cu.-N. W
12	Calm	S	S	SSE	Calm	Calm	24.9	109.1	49.7	28.5	212.2	10	Ci.-S.	N. W	9	Ci.-S.	Cu.-N. W
13	Calm	Calm	SE	SE	Calm	Calm	17.7	55.3	63.8	29	165.8	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
14	Calm	Calm	SE	SE	Calm	Calm	14.8	65	50.5	17.4	147.7	10	Ci.-S.	Cu.-N. W	8	Ci.-S. E	Cu.-N.
15	Calm	Calm	SE	S	Calm	Calm	16.9	44.5	44.3	16.4	122.1	6	A.-Cu. E	Cu.-N.	8	Ci.-S.	Cu.-N.
16	Calm	Calm	S	S	Calm	Calm	16.4	38.4	48.1	19.6	122.5	2	Ci.-S.	Cu.-N.	8	Ci.-S. E	Cu.-N.
17	Calm	Calm	SE	SSE	Calm	Calm	16.9	43.1	42.1	18.3	120.4	5	Ci.-S. E	Cu.	7	Ci.-S.	Cu.-N. E
18	Calm	Calm	SE	SE	Calm	Calm	18.2	44.6	63	17.2	143	5	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N. E
19	NNW	NW	NW	SE	Calm	Calm	29.5	47.8	33.8	16.7	127.8	6	A.-Cu. SE	S.-Cu.	9	Ci.-S. E	Cu.-N.
20	Calm	Calm	S	NE	N	Calm	18.7	39.9	46.9	18.7	124.2	4	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N.
21	Calm	NNW	N	WNW	NW	Calm	19.5	30.6	56.5	24.6	131.2	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NNW
22	Calm	Calm	W	WNW	Calm	Calm	16.1	28.7	38.3	20.4	103.5	6	Ci.-S. E	Cu.-N. NW	9	Ci.-S. E	Cu.-N.
23	Calm	Calm	WNW	S	Calm	Calm	19	26.4	33.5	17.4	96.3	9	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N. W
24	Calm	Calm	Calm	SE	Calm	Calm	19.3	32.2	59.2	27.6	138.3	7	Ci.-S. E	Cu.-N. SW	8	Ci.-S. E	Cu.-N.
25	E	Calm	SE	SE	S	SE	24.3	60	66.8	52.1	203.2	7	Ci.-S. E	Cu.-N.	8	A.-Cu. W	Cu.-N. SSW
26	Calm	Calm	S	SE	Calm	Calm	25.9	54.7	59.2	21.1	160.9	9	Ci.-S.	Cu.-N. WSW	9	Ci.-S.	Cu.-N. W
27	Calm	Calm	S	S	S	Calm	24.1	79.7	93	33.8	230.6	10	Ci.-S.	Cu.-N. SW	8	A.-Cu. W	Cu.-N. WSW
28	S	Calm	S	SE	SE	Calm	56	74.5	91.7	21.2	243.4	9	Ci.-S.	Cu.-N. WSW	7	Ci.-S.	Cu. SW
29	Calm	NE	SE	SE	Calm	Calm	19.3	62.3	67.8	18	167.4	7	Ci.	S.-Cu.	4	Ci.-S.	Cu.
30	Calm	Calm	SE	SE	Calm	Calm	20.4	50.1	43.7	15.1	129.3	4	Ci.-S.	Cu. SSW	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	43.2	77	69.4	35.2	224.7	7.7	------------	------------	8.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,742.1	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.80	60.10	60.48	57.81	58.30	60.17	59.44	23.1	22.4	29.8	31.8	28.5	25	26.8	32.2	21.8	97	96	73	68	81	92	84.5	-----
2	59.29	59.67	60.30	57.91	58.74	60.73	59.44	24	23.2	29.7	31.6	26.9	25.3	26.8	32.3	22.7	96	96	73	68	90	93	86	3.3
3	59.81	60.01	60.67	58.57	59.63	61.32	60	23.3	22.7	30.4	31.3	28	24	26.6	32.3	22.3	97	95	70	69	85	93	84.8	1.3
4	60.12	60.25	60.74	58.82	59.02	60.82	59.96	22.6	22.2	29.5	30.9	28.9	23.9	26.3	31.8	21.5	97	97	70	69	77	98	84.7	-----
5	60.38	60.65	61.23	59.55	59.96	60.78	60.42	22.7	21.9	28.1	25	26	25.3	24.8	30.8	21.3	96	99	77	92	87	89	90	10.9
6	60.17	60.41	61.11	59.53	59.58	60.61	60.24	22.6	21.5	29	27.3	25.9	23.3	24.9	30.6	21.2	97	97	72	83	91	94	89	15.3
7	59.71	59.63	60.17	58.68	59.30	60.69	59.70	22.2	22.9	30.1	27.4	26.6	25	25.7	32.2	21.6	98	96	73	89	87	92	89.2	22.6
8	60.40	60.49	60.94	59.19	60.01	61.46	60.42	23.5	23.7	29.9	29.5	26.6	24	26.2	31.2	22.9	97	94	72	78	90	97	88	9.1
9	60.58	60.75	61.45	59.20	60.13	61.17	60.55	22.9	22.6	29.9	28.2	25.6	24.5	25.6	30.8	22.3	97	97	72	83	89	95	88.8	.5
10	60.19	60.31	60.92	58.86	59.62	60.74	60.11	23.6	22.5	29.9	30	28.6	24	26.4	31.4	22	96	97	72	72	77	93	84.5	-----
11	59.29	59.29	59.85	57.84	58.88	60.03	59.20	22.7	21.3	29.9	30.5	28.5	24.8	26.3	31.6	20.8	97	98	70	67	80	96	84.7	-----
12	59.50	59.41	60.20	57.89	58.80	59.90	59.28	24.5	23.7	29.6	30.6	29	25.9	27.2	31.5	23.4	88	94	68	65	76	87	79.7	-----
13	59.98	60.21	60.97	58.83	59.57	61.25	60.14	23	21.7	30	31.3	29.1	25	26.7	32.5	21.2	97	97	65	64	76	93	82	1
14	60.91	61.03	61.72	59.37	59.57	61.78	60.73	22.2	20.9	29.8	31.3	29.6	24.2	26.3	32.2	20.5	98	97	66	64	71	92	81.3	4.1
15	60.60	60.77	61.54	58.66	59.38	60.89	60.31	24.2	23.3	29.9	31.3	25.7	25.1	26.6	32.2	22.6	93	97	67	64	88	92	83.5	10.4
16	60.10	60.56	61.42	58.96	59.93	61.05	60.34	22.3	21.1	29.2	30.6	25.9	23.7	25.5	31.4	20.6	98	99	69	68	92	97	87.2	13.2
17	60.51	61.33	62.04	59.43	60.29	61.71	60.88	22.1	21.4	29.2	31.6	29	26	26.6	32.2	20.9	99	96	69	66	79	84	82.2	-----
18	60.80	60.93	61.88	59.94	60.11	61.64	60.88	25.3	23	29.9	27	27.2	24.9	26.2	31.2	22.4	81	96	68	89	87	96	86.2	6.6
19	60.58	60.60	61.29	59.44	59.85	61.24	60.50	22.7	21.7	28.9	30.6	26.4	24.9	25.9	31.5	21.4	97	97	72	68	80	89	83.8	-----
20	60.52	60.88	61.92	59.73	60.47	62.13	60.94	22.7	23.4	30	31.3	28	24.4	26.6	32	21.9	94	89	70	64	71	93	80.2	-----
21	61.22	61.67	62.33	61.51	61.65	62.05	61.74	22.1	21.4	29.3	24	24	22.1	23.8	32	20.9	97	97	69	93	93	96	90.8	13.5
22	61.32	61.25	61.80	59.67	60.84	61.64	61.09	22.1	21.9	29.2	31.3	27.3	25	26.1	32.2	21	96	96	70	63	78	86	81.5	-----
23	60.62	60.70	61.40	60.17	60.60	61.55	60.84	23	22.1	29.5	29.5	26.8	24.4	25.9	30.4	21.9	97	96	68	73	75	92	83.5	14
24	61.02	61.16	61.54	59.73	60.54	61.46	60.91	23	23.9	30	28.2	27.2	27	26.6	31.6	22.6	95	88	65	74	77	76	79.2	8.6
25	60.77	60.97	62.31	60.37	61.36	62.37	61.36	25.2	23.9	24.6	25	24.4	24.2	24.6	26	23.4	83	92	92	90	92	89	89.7	15.2
26	60.99	61.61	62.05	59.84	59.85	61.29	60.94	24	23.6	27.9	26.9	25.9	25.2	25.6	28.8	23.3	91	93	79	85	88	88	87.3	-----
27	60.31	60.40	61.66	58.84	60.15	61.69	60.51	24.9	26.5	28.6	31.4	27.4	25.5	27.4	32	23.3	87	75	66	57	76	80	73.5	-----
28	60.72	61.28	62.34	59.72	60.34	61.75	61.02	22.5	21.4	28.9	32.2	27.6	24.5	26.2	33.1	19.5	93	91	67	59	80	92	80.3	-----
29	60.79	60.97	61.74	59.01	59.97	61.20	60.61	25.4	23.5	30	30.9	27.6	26.6	27.3	32.6	23.4	82	91	65	66	79	76	76.5	-----
30	60.19	60.82	61.68	59.22	60.35	61.70	60.66	24.3	22.7	28.6	27.6	26.2	23.5	25.5	31.4	21.8	82	89	73	81	81	98	84	2.8
31	60.87	61.02	61.87	59.99	60.61	62.15	61.08	22.4	21.8	29.4	26.2	27	25.6	25.4	30.5	21.4	96	96	70	90	89	90	88.5	3.3
Mean	60.39	60.62	61.34	59.23	59.92	61.26	60.46	23.3	22.6	29.3	29.4	27.1	24.7	26.1	31.4	21.9	93.8	94.5	70.7	73.6	82.6	90.9	84.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	155.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	ESE	SE	SE	Calm	21.5	28	53.6	19.8	122.9	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
2	Calm	NNE	S	S	Calm	Calm	22.3	40.2	53.1	16.7	132.3	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. E
3	Calm	Calm	SW	S	Calm	Calm	24.3	37.5	46.5	20.7	129	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
4	Calm	N	SW	S	Calm	Calm	21.9	45.6	78.4	21.4	167.3	4	Ci.-S. SW	Cu.	8	Ci.-S. WSW	Cu.-N. E
5	Calm	Calm	Calm	NNE	Calm	Calm	25.4	32	51.5	10.2	119.1	2	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N.
6	Calm	Calm	W	NW	Calm	Calm	20.6	23.5	40.8	23.8	108.7	2	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. ESE
7	NW	Calm	Calm	W	Calm	Calm	19.9	30.4	32.2	18.3	100.8	5	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. E
8	Calm	Calm	Calm	SW	Calm	Calm	15.6	26.2	27.7	16.4	85.9	6	Ci.-S. E	Cu. E	9	Ci.-S. E	Cu.-N. E
9	Calm	Calm	SW	SE	Calm	Calm	20.1	34	34.3	18.5	106.9	4	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
10	Calm	Calm	N	SE	Calm	Calm	18.5	41	46.1	19	124.6	4	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. ENE
11	Calm	Calm	SW	SE	N	Calm	21.1	37.5	59	15.3	132.9	7	Ci.-S.	Cu.	7	Ci.-S.	Cu. NW
12	N	Calm	SE	SE	SE	Calm	24.6	36	66.2	20.4	147.2	7	A.-Cu. NW	S.-Cu.	4	Ci.	Cu.
13	Calm	Calm	SW	S	Calm	Calm	16.7	38.1	66.2	24.9	145.9	4	Ci.-S.	S.-Cu.	5	Ci.	Cu.
14	Calm	Calm	S	S	SSE	Calm	20.7	34.6	63.1	24.3	142.7	4	Ci.-S.	S.-Cu.	5	Ci.	Cu. ENE
15	Calm	Calm	SW	S	Calm	Calm	17.7	37.8	61.4	15.8	132.7	6	A.-Cu. NW	S.-Cu.	8	Ci.-S.	Cu.-N.NE
16	NE	Calm	SW	SSE	Calm	Calm	21.9	39.2	47.3	15	123.4	8	Ci.-S. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
17	Calm	N	NW	S	Calm	Calm	26.6	35.1	46.9	18.2	126.8	1	-----	Cu.	8	Ci.-S.	Cu.-N. ENE
18	E	Calm	WNW	NW	Calm	Calm	24.1	39.6	39.9	18.3	121.9	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
19	Calm	Calm	NW	E	Calm	Calm	19.5	29.2	53.6	21.9	124.2	1	Ci.	Cu.	8	Ci.-S.	Cu.-N.
20	Calm	Calm	S	S	NE	Calm	22.8	47.3	52.5	23	145.6	6	A.-Cu. E	S.-Cu.	6	Ci.-S.	Cu.-N.
21	Calm	Calm	W	NW	Calm	N	28.5	40	33.8	23	125.3	2	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
22	Calm	N	W	S	NNE	Calm	20.4	34	69.2	15.3	138.9	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
23	Calm	N	NE	ENE	Calm	Calm	25.1	38.1	35.4	26.2	124.8	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. ENE
24	Calm	N	NE	NE	NE	NE	25.1	48.1	58.1	38.8	170.1	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
25	Calm	Calm	Calm	Calm	Calm	Calm	26.8	22	18.5	16.6	83.9	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
26	Calm	Calm	NW	SE	Calm	Calm	13.9	22.3	24.9	20.1	81.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. ENE
27	Calm	NE	S	NE	ESE	Calm	19.1	36.5	49.7	24.7	130	9	Ci.-S.	Cu.-N. E	9	Ci.-S. E	Cu. E
28	Calm	Calm	WSW	Calm	Calm	Calm	20.6	30.3	46.1	17.7	114.7	2	Ci.-S.	S.-Cu.	7	Ci.	Cu. E
29	Calm	Calm	S	ESE	Calm	Calm	24.1	54.9	61.5	19.3	159.8	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
30	Calm	Calm	SW	Calm	Calm	Calm	20.4	33.3	42.8	27.1	123.6	7	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
31	Calm	Calm	SW	Calm	Calm	Calm	19	36.4	22.3	16.9	94.6	4	Ci.	Cu.	9	Ci.-S. E	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	21.6	35.8	47.8	20.2	125.4	4.7	-----	-----	8.2	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,887.7	-----	-----	-----	-----	-----	-----

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.31	61.47	62.05	60.08	61.50	62.35	61.46	24.5	23.8	30	30	25.2	24	26.2	31.5	22.5	92	93	70	67	85	95	83.7	2.5
2	61.72	61.66	62.15	59.72	60.28	61.99	61.25	22.8	23.4	27.6	29.8	27.2	24.7	25.9	31.5	21.9	96	96	80	69	83	81	84.2	2.3
3	60.62	60.46	61.54	58.24	59.50	60.64	60.17	22.6	22.4	28	29.3	25.9	24.1	25.4	30	20.7	89	85	73	66	81	94	81.3	.3
4	60.08	60.50	61.18	58.73	60.50	61.27	60.38	23.2	22.9	28.8	30	24.4	23.1	25.4	30.7	21.9	99	97	75	70	93	97	88.5	22.6
5	60.22	60.98	61.37	59.22	59.84	60.99	60.44	22	21.5	28.9	29	27.3	24.2	25.5	31.9	21.2	96	96	71	76	81	95	85.8	3
6	60.08	59.98	60.38	58.37	59.07	60.09	59.66	22.4	22.1	29.5	30.8	27.8	25.7	26.4	31.9	21.6	98	96	68	68	82	77	81.5	------
7	59.80	59.85	60.15	57.91	58.62	59.85	59.36	22.4	20.5	29.8	31	27.9	23.5	25.8	32	20.5	92	94	65	67	77	92	81.2	------
8	59.61	59.61	60.21	57.72	58.77	59.76	59.28	21.7	21	28.9	32.9	27.6	23.8	26	33.3	20.4	95	92	68	55	70	90	78.3	------
9	59.61	59.59	60.18	58.09	59.34	60.55	59.56	21.9	20.9	29.1	29.9	27.3	23.6	25.4	31.3	20.7	96	96	68	65	85	94	84	.3
10	59.68	59.70	59.85	57.97	58.94	59.68	59.30	22.2	22.8	30.7	29.4	28	26.4	26.6	33.1	21.5	97	93	62	76	77	76	80.2	5.1
11	58.92	59.05	59.25	57.35	58.42	59.22	58.70	24.8	23.5	30.9	29	26.8	27.4	27.1	32	22.6	87	91	59	67	74	70	74.7	------
12	58.68	59.11	59.82	57.46	58.28	59.56	58.82	23.3	21.9	29.5	31.1	27.5	26.4	26.6	32.5	21.4	94	95	68	64	84	79	80.7	------
13	59.12	59.40	60.05	58.02	58.91	60.32	59.30	22.8	23.1	29	30.4	27.1	23.1	25.9	31.2	22	99	94	71	66	85	94	84.8	.5
14	59.90	60	60.49	57.78	58.80	60.16	59.52	21.6	22.2	29.1	30.2	27.4	24.8	25.9	31.4	20.8	99	95	72	70	88	88	85.3	------
15	59.02	59.12	59.73	57.39	58.67	60.01	58.99	23.3	22.3	29.4	31.8	27.8	24.7	26.6	32.8	22	92	93	70	61	71	90	79.5	------
16	59.11	59.15	59.48	56.69	57.94	59.09	58.58	22.4	22.9	29.8	30.5	27.6	24.3	26.2	32.8	21.4	95	89	65	66	70	85	78.3	------
17	58.68	58.84	59.30	57.39	58.29	59.65	58.69	23.7	22.9	30.6	28	27.3	26.1	26.4	31.5	22.3	90	96	62	77	76	86	81.2	1.3
18	58.71	58.85	59.73	57.63	58.91	60.26	59.02	23.8	22.9	30.3	30.4	27.5	24.9	26.6	32.1	22.4	97	94	66	72	84	87	83.3	------
19	59.68	59.70	60.25	58.85	59.63	60.64	59.79	22.6	22	29.7	29.9	27.4	26.6	26.4	31.3	21.4	97	96	70	71	74	80	81.3	2.5
20	59.90	60.05	60.88	58.62	59.62	60.83	59.98	23.9	22.4	29.8	30.1	28.6	26.5	26.9	32.9	22.2	91	96	70	74	68	76	79.2	.3
21	60.48	60.50	60.69	58.56	59.37	60.86	60.08	22.2	21	30.8	31.1	27.2	24.9	26.2	32.6	20.8	93	95	62	72	86	92	83.3	------
22	60.30	60.35	60.93	58.62	59.45	60.85	60.08	23.2	22.9	30.4	30.9	26.9	24.9	26.5	33.1	22.3	97	91	63	69	77	83	80	1.8
23	60.30	60.15	60.89	58.77	59.30	60.23	59.94	22.9	26.4	30.1	31.8	28.3	27.3	27.8	32.6	21.9	98	73	60	57	68	71	71.2	------
24	59.59	60.09	60.48	58.02	58.97	60.50	59.61	25.3	24.5	29	29.9	25.7	24	26.4	30.8	23.6	88	91	74	77	93	95	86.3	12.7
25	59.29	59.03	59.78	58.33	59.21	60.34	59.33	23.9	23.6	28.9	28.2	27.4	25.1	26.2	30.7	22.9	92	95	78	83	84	94	87.7	8.6
26	58.19	57.66	58.13	58.30	59.96	61.01	58.88	24.9	25.2	26.5	25	26.1	24.9	25.4	27.8	23.6	87	92	83	91	85	91	88.2	24.8
27	60.41	60.63	61.04	58.65	60.14	61.06	60.32	23.8	22.9	29.4	30.6	27.5	25.9	26.7	31.6	22.7	92	93	73	67	80	81	81	------
28	60.37	60.51	60.64	57.66	58.54	59.82	59.59	24.8	23.6	29.8	31.8	27.7	24.4	27	32.5	22.2	84	89	63	55	72	92	75.8	------
29	58.98	59.04	59.78	58.13	59.28	60.62	59.3[illegible]	21.7	21.4	29	30.8	28.4	24.4	26	31.6	21	97	95	69	63	68	91	80.5	------
30	59.41	59.37	60.38	58.38	59.37	60.24	59.52	23.7	22.5	30	30.3	27.7	25.9	26.7	30.8	21.9	93	96	68	66	78	88	81.5	.5
Mean	59.73	59.81	60.36	58.22	59.25	60.41	59.63	23.1	22.7	29.4	30.1	27.2	25	26.3	31.7	21.8	93.7	92.9	68.9	68.9	79.3	86.8	81.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	89.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	S	SE	Calm	Calm	17.4	54.2	69.2	17.7	158.5	7	Ci.-S. N	S.-Cu.	8	Ci.-S. N	Cu.-N. E
2	Calm	Calm	Calm	W	Calm	Calm	22.3	31.2	45.4	27.4	126.3	9	Ci.-S.	N.	9	Ci.-S.	Cu.-N. ENE
3	Calm	Calm	NW	ENE	Calm	Calm	15	26.8	38.4	19	99.2	7	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N.
4	Calm	Calm	NW	NW	Calm	Calm	14.7	27.4	34.9	18.8	95.8	5	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
5	Calm	Calm	NW	Calm	Calm	Calm	20.6	32.4	27.2	23.8	104	4	A.-Cu. SSW	S.-Cu.	8	Ci.-S.	Cu.-N. E
6	Calm	Calm	Calm	S	Calm	Calm	20.7	37.6	78.3	23	159.6	6	Ci.-S. W	Cu.-N.	4	Ci.	Cu. E
7	Calm	NW	SW	S	Calm	Calm	23.3	44	68.9	17.2	153.4	2	Ci.-S.	Cu.	6	A.-Cu.	Cu. E
8	NE	Calm	N	ESE	E	Calm	21.9	27.4	68.7	22.2	140.2	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
9	Calm	NW	NW	SW	W	Calm	20.9	41.3	37.2	15.8	115.2	2	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
10	Calm	Calm	E	W	Calm	NE	18.2	43.1	39.9	19.1	120.3	7	A.-Cu.	Cu.-N. E	7	Ci.-S.	Cu.-N.
11	Calm	Calm	ENE	NE	Calm	Calm	12.9	46.7	70.8	25.7	156.1	4	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. E
12	Calm	N	SW	S	Calm	Calm	23.1	39.6	47.5	21.2	131.4	2	A.-Cu.	Cu.	7	Ci.-S.	Cu. ENE
13	Calm	Calm	NW	W	Calm	Calm	15.5	24.1	28	19.6	87.2	7	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
14	Calm	Calm	Calm	S	Calm	Calm	21.2	33.2	43.8	24.1	122.3	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N.
15	Calm	Calm	S	SW	Calm	Calm	22.2	46.9	48.5	20.1	137.7	2	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N. ENE
16	Calm	Calm	SW	SE	Calm	Calm	22	40.7	69.4	21.2	153.3	2	Ci.-S.	Cu.-N. E	5	Ci.-S.	Cu.-N. ENE
17	Calm	Calm	NE	Calm	Calm	Calm	16.4	40.4	42.1	15.9	114.8	6	A.-Cu.	Cu.-N. E	8	A.-Cu. E	Cu.-N.
18	Calm	Calm	S	S	Calm	Calm	14	40.4	54.1	17.4	125.9	4	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
19	Calm	Calm	SW	NE	Calm	Calm	20.6	47	39.7	15.9	123.2	1	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
20	Calm	Calm	SSE	S	Calm	Calm	16.7	52.9	46.4	21.2	137.2	2	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N. E
21	Calm	Calm	NW	S	Calm	Calm	20.9	39.9	43.7	18.7	123.2	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. NE
22	Calm	Calm	NE	S	Calm	Calm	19.5	41.6	59.8	16.6	137.5	7	Ci.-S.	N.	9	Ci.-S.	Cu.-N. NEbyE
23	Calm	NE	E	S	Calm	Calm	23.3	42.1	43.1	18.2	126.7	4	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. E
24	Calm	Calm	Calm	Calm	Calm	Calm	18.5	25.9	25.2	13.4	83	7	Ci.-S.	Cu.-N. E	9	Ci.-S. E	Cu.-N.
25	Calm	Calm	Calm	W	Calm	Calm	14.3	25.2	37.3	17.7	94.5	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
26	Calm	NW	NE	NE	NE	Calm	31.2	77.5	39.1	28.5	176.3	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
27	Calm	N	W	S	Calm	Calm	19.9	34	63.6	24.1	141.6	9	Ci.-S.	Cu.-N. ESE	9	Ci.-S.	Cu.-N. E
28	Calm	Calm	NE	NE	NE	Calm	25.9	50.9	46.7	23.8	147.3	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
29	Calm	Calm	SSE	SE	Calm	Calm	21.7	28.8	58.1	20.9	129.5	4	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N. E
30	N	Calm	W	Calm	Calm	Calm	22.3	34.6	34.9	13.4	105.2	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	19.9	39.3	48.3	20.1	127.5	5	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,826.4	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.49	59.87	60.19	58.44	59.35	60.71	59.68	24	23.6	29.4	30	26.8	24.4	26.4	32	23.1	96	94	67	67	81	86	81.8	------
2	59.98	60.07	60.52	58.58	59.60	60.99	59.96	23.5	25.8	30.2	30	26.1	24.9	26.8	31	23	92	80	64	69	86	93	80.7	10.2
3	59.69	59.82	60.53	58.66	59.41	60.20	59.72	24.5	23.4	28.9	26.8	26.6	24.4	25.8	31.6	22.9	92	96	71	89	90	96	89	8.1
4	59.21	59.24	60.14	58.06	59.18	59.96	59.30	23.7	22.6	28.8	31.4	27.3	24.9	26.4	32	22.4	94	97	80	70	89	96	87.7	.8
5	58.97	58.99	59.92	58.23	59.17	59.98	59.21	23.8	23.5	30.6	26.8	26	24.9	25.9	31.2	22.9	95	92	71	92	92	97	89.8	44.4
6	59.92	59.87	60.08	58.07	59.36	60.26	59.59	24.6	24.2	29.6	31.2	27.2	24.9	27	32.6	23.8	97	97	73	61	90	96	85.7	4.9
7	59.69	59.53	60.17	57.87	58.91	59.90	59.34	24.6	23.9	30.5	32.2	27.7	25	27.3	32.8	23.5	96	97	65	60	81	91	81.7	2.3
8	58.92	59.12	59.73	57.48	58.26	59.61	58.85	24.5	25.1	29.4	31.8	28.2	26.4	27.6	32	23.9	92	85	68	57	68	76	74.3	------
9	58.98	59.06	59.83	57.58	58.83	59.66	58.99	24.7	23.9	29.8	31.2	27.3	24.9	27	32.8	23.3	87	94	60	60	76	92	78.2	5.6
10	59.32	59.28	59.74	57.68	58.96	59.39	59.06	23.9	23.4	27.5	29.9	27.6	26.4	26.4	30.6	22.8	96	96	82	72	69	81	82.7	3.8
11	58.72	59.38	59.96	58.06	58.15	59.59	58.98	24.7	24.2	27	27.7	26	25.4	25.8	28	23.9	92	94	87	82	88	90	88.8	11.5
12	59.01	58.94	60.44	58.36	59.19	60.31	59.38	24.4	23.9	26.1	27.4	26.9	24.9	25.6	28.8	23.4	95	96	90	84	88	96	91.5	3.3
13	59.81	59.78	61.06	58.45	59.63	60.98	59.95	24.4	22.2	27.6	30.9	27.8	25.9	26.5	31.9	22.1	92	88	74	57	67	73	75.2	------
14	60.27	60.37	61.33	58.77	59.70	61.16	60.27	22.5	21.5	29.9	31.4	28	25.9	26.5	31.7	21.2	89	95	57	56	69	83	74.8	------
15	59.82	60.10	60.61	59.09	60.04	61.38	60.17	24	23.9	29.4	31.1	26	22.4	26.1	31.8	20.8	87	75	58	54	76	88	73	------
16	61.19	61.70	62.48	60.40	60.88	62.05	61.45	20.8	22.1	28.4	28.9	27.2	25.9	25.6	29.8	19.9	100	94	71	71	75	76	81.2	------
17	61.58	61.96	62.47	60.59	60.90	61.92	61.57	23.2	21.8	29.7	30	28.1	22.7	25.9	32.1	21.2	90	90	58	60	67	89	75.7	------
18	61.47	61.56	62.43	59.76	60.48	61.16	61.14	21.8	22.1	29.2	30.6	27.5	24.4	25.9	31.2	21.3	95	93	68	63	76	87	80.3	------
19	60.20	60.18	60.93	59.21	59.88	60.93	60.22	21.4	22	29.6	30.5	28.2	25.8	26.2	31.9	20.9	98	95	65	70	78	84	81.7	------
20	59.56	59.81	60.39	58.39	59.28	60.09	59.59	24.2	22.5	29.6	29	28	25.9	26.5	31	22.3	97	96	75	80	86	98	88.7	11.2
21	59.41	59.57	60.47	57.95	59.13	60.30	59.47	25.8	25.3	29.6	31	28.3	24.6	27.4	31.9	23.2	95	93	75	67	68	89	81.2	3.6
22	59.60	59.86	60.45	58.38	59.52	60.30	59.68	24	23.4	29.7	30.7	27.8	22.6	26.4	31.2	20.7	96	97	67	65	67	87	79.8	------
23	59.98	60.32	61.30	59.43	60.13	61.59	60.46	20.8	19.4	28.7	30	29.2	25.1	25.5	30.9	18.9	90	95	67	64	70	89	79.2	------
24	60.79	61	62.04	59.62	60.83	62.25	61.09	22.8	21.5	27.6	31.3	26.9	25.9	26	31.8	21.2	92	95	73	53	73	80	77.7	------
25	61.78	62.01	62.43	60.52	61.60	62.58	61.82	22.6	20.9	29.9	31	26.3	21.8	25.4	31.6	20.4	89	92	54	53	70	89	74.5	------
26	61.87	62.02	62.74	60.70	61.20	62.20	61.79	20.9	22.6	28.7	26.8	26.7	25.9	25.3	31	20.3	95	91	71	87	87	77	84.7	3.8
27	61.92	62.25	62.91	60.38	60.79	62.18	61.74	23.3	23	29.4	31.6	28.3	25.5	26.8	32	21.4	90	84	57	51	64	71	69.5	------
28	61.28	61.52	61.90	59.71	60.54	61.57	61.09	21.7	22.5	29.8	31.1	27.3	22.9	25.9	32.3	20.5	93	90	55	54	62	83	72.8	------
29	60.91	61.14	61.48	58.90	59.44	60.17	60.34	23.3	19.8	27.3	27.4	24.9	23.3	24.3	29.1	19.6	73	96	68	77	89	97	83.3	1.5
30	59.87	60.11	60.74	58.80	59.81	60.65	60	22.3	22.9	29.1	29.4	27	25.9	26.1	29.8	21.4	100	95	63	70	70	70	78	------
31	60.40	61.18	61.40	59.73	60.49	61.24	60.74	22	20.6	29.9	29.8	27.8	23.4	25.6	31.3	20.3	90	94	58	65	77	91	79.2	------
Mean	60.12	60.31	60.99	58.90	59.76	60.81	60.15	23.3	22.8	29.1	30	27.3	24.7	26.2	31.8	21.8	92.7	92.5	68.1	67.1	77.1	86.8	80.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	115

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	Calm	Calm	Calm	15	34.9	36.8	20.7	107.4	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
2	Calm	NNE	NE	S	Calm	Calm	23.1	51	34.9	14.8	123.8	4	A.-Cu. E	Cu.-N.	8	Ci.-S.	Cu.-N. E
3	Calm	Calm	NW	Calm	Calm	Calm	17.4	33.5	24.4	14.7	90	7	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N. NE
4	Calm	Calm	S	S	Calm	Calm	16.7	20.9	32.8	11.5	81.9	1	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
5	Calm	Calm	WSW	S	WNW	Calm	13.2	38.4	38.9	16.3	106.8	8	A.-Cu.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. E
6	Calm	Calm	WNW	NE	Calm	Calm	17.4	35.6	42	15.8	110.8	9	Ci.-S.	Cu.-N. ENE	8	Ci.-S. E	Cu.-N.
7	Calm	Calm	NE	S	Calm	Calm	13.4	31.7	37.5	13.5	96.1	4	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
8	Calm	Calm	Calm	NE	NE	Calm	23.1	31.2	56.9	19.1	130.3	9	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. ENE
9	Calm	Calm	NE	SSW	NE	NE	19.6	50.1	37.5	20.1	127.3	7	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. NE
10	Calm	Calm	NW	S	Calm	NE	14.8	28	61.8	23.3	127.9	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S. E	Cu.-N. ENE
11	NW	Calm	Calm	Calm	Calm	Calm	49.1	19.8	20.9	15.5	105.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
12	Calm	Calm	Calm	S	Calm	Calm	13.2	18.7	36	11.3	79.2	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
13	Calm	Calm	NNE	NE	NE	NE	15.3	44.5	67.9	37.3	165	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
14	Calm	Calm	SW	SW	NE	Calm	20.1	39.9	41.6	34.1	135.7	4	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
15	Calm	NNE	SW	SE	Calm	N	17.2	60	86.3	22	185.5	5	Ci.-S.	S.-Cu.	5	Ci.	Cu. E
16	Calm	Calm	NW	SE	Calm	Calm	22.5	30.1	38.4	19.6	110.6	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
17	N	Calm	NE	ENE	NE	Calm	25.9	54.4	40	19	139.3	4	Ci. E	Cu.-N. E	8	Ci.-S.	Cu.-N. ENE
18	Calm	Calm	W	WNW	N	Calm	14.8	28.5	40.8	19.6	103.7	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. NE
19	Calm	Calm	Calm	Calm	Calm	Calm	19.3	25.4	50.9	10.5	106.1	6	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
20	Calm	Calm	Calm	SE	Calm	Calm	13.4	20.6	57.7	5.6	97.3	5	Ci.-S. E	Cu. NE	9	Ci.-S.	Cu.-N. NE
21	Calm	Calm	S	S	Calm	Calm	12.3	46.2	62.5	19.1	140.1	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
22	Calm	Calm	SW	S	NE	Calm	19.3	41	53.3	24.1	137.7	9	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
23	Calm	Calm	NW	SE	Calm	Calm	20.7	27.2	49.6	16.7	114.2	1	Ci.	S.-Cu.	4	Ci.	Cu.
24	Calm	Calm	SE	NE	Calm	Calm	16.6	35.6	40	18.7	110.9	4	Ci.-S.	Cu.-N. E	6	A.-Cu.	Cu. E
25	Calm	Calm	ESE	ESE	Calm	Calm	22.7	63.3	80.2	20.3	186.5	1	Ci.-S.	Cu.-N.	5	Ci.	Cu. E
26	Calm	Calm	Calm	Calm	Calm	NE	20.9	21.2	28.5	21.9	92.5	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
27	Calm	Calm	NE	ENE	NE	NE	18.7	50.1	63.1	35.1	167	1	Ci.	Cu.	5	Ci.	Cu. NE
28	Calm	Calm	NE	ENE	Calm	Calm	18.8	49.9	65.4	21.5	155.6	8	Ci.	S.-Cu.	7	Ci.-S. E	Cu. ENE
29	Calm	Calm	Calm	Calm	Calm	Calm	18.3	24.6	29	14.7	86.6	1	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
30	Calm	Calm	NE	S	NE	ENE	11.3	38.1	43.1	36	128.5	9	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
31	Calm	Calm	NE	S	Calm	Calm	24.3	34.4	41.6	13.5	113.8	5	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
Mean	------	------	------	------	------	------	19	36.4	46.5	19.5	121.4	5.9	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,763.4	------	------	------	------	------	------

TACLOBAN.

[φ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.93	63.46	63.45	60.95	62.12	63.21	62.69	24	23.6	28	30.6	26	25	26.2	31.1	23	94	95	74	65	87	92	84.5	12.1
2	62.15	62.81	63.81	63.36	62.62	63.72	62.74	24.2	24	25.9	28.2	26.3	25	25.6	30	22.8	93	95	88	73	82	83	85.7	6.1
3	62.56	63.31	64.28	62.29	63.11	63.92	63.24	24.1	23	29.3	27.8	26.2	25	25.9	31	22.3	87	95	72	76	79	83	82	4.4
4	62.83	62.87	64.17	62.64	63.39	64.18	63.35	23.2	23	24	24	24	25	23.9	26	22	92	93	95	93	93	88	92.3	30.4
5	63.61	63.99	64.84	62.42	63.40	64.32	63.76	24.2	24	28	29.3	25.3	22.8	25.6	30.4	22.2	81	81	70	59	77	89	76.2	------
6	62.92	63.91	64.53	62.27	63.21	64.37	63.54	22.4	23.5	28.4	30	26	23	25.6	30.8	22	96	91	71	59	80	94	81.8	------
7	63.09	63.68	64.56	62.17	63.25	64.59	63.56	22.5	22	27	28.5	26	23.9	25	29.7	21.4	94	96	72	67	69	82	80	------
8	63.71	64.29	65.53	63.51	64.73	65.60	64.56	22.6	22.5	26.7	25.7	25	25	24.6	28.7	21.8	90	91	70	75	83	77	81	1.3
9	65.11	65.74	66.76	64.93	65.67	66.29	65.75	24.5	24	26.8	26.2	24	23.4	24.8	28.5	22.8	78	79	69	67	79	81	75.5	2.8
10	65.14	65.63	66.57	64.23	64.40	65.71	65.28	22.8	22.2	24.7	26	24	22.5	23.7	27.5	20.6	80	81	75	66	72	81	75.8	------
11	64.12	64.14	64.45	62.04	62.25	63.05	63.34	21	20	26.4	28	26	24.8	24.4	29.6	19.7	91	95	66	63	70	73	76.3	1.8
12	61.76	61.81	62.49	60.88	61.35	62.43	61.79	23.4	23.2	23.5	25	25	24.5	24.1	26.5	22.1	90	94	96	92	96	96	94	59.1
13	61.68	61.77	62.60	60.61	61	61.97	61.60	24	23.2	28.8	29.7	26	23.7	25.9	30.5	22.4	91	97	75	65	84	91	83.8	1.8
14	61.18	62.09	62.48	60.59	61.73	62.41	61.75	23	23	27.5	29.9	27	23.6	25.7	30.4	22.2	95	95	77	69	73	93	83.7	1.3
15	61.59	62.91	63.22	61.05	62.25	62.60	62.27	23	22.8	27.8	29.7	26	25	25.7	30.4	22.2	91	94	64	54	75	82	76.7	------
16	62.14	62.99	63.22	61.60	62.87	63.11	62.66	24	23.5	27.4	29.2	24	24	25.4	31.3	23	90	94	68	63	86	85	81	2.5
17	62.43	62.99	63.77	62.13	62.55	63.03	62.82	24.3	23.5	24.8	25.4	25	25.4	24.7	28.7	22.9	82	87	87	87	88	83	85.7	1.8
18	62.24	62.89	62.65?	61.10	61.97	62.50	62.22	24.2	24	27.4	27.7	25	25.5	25.6	28.7	23.2	86	87	78	75	80	80	81	.8
19	61.24	62.09	62.18	59.35	61.09	61.66	61.27	23.8	22.3	27.6	30.6	26.5	25	26	31.5	22	89	94	71	58	69	76	76.2	3.3
20	60.81	61.11	61.76	59.67	60.47	61.41	60.87	23.3	23.4	25.6	25.5	24	24.2	24.3	29.7	22.4	94	93	88	90	93	91	91.5	43.1
21	60.18	60.71	61.72	59.70	60.60	61.70	60.77	24.1	24	25.6	27.4	26.4	25	25.4	29	23.2	91	91	87	78	77	86	85	2.5
22	60.48	61.49	62.03	59.92	61.06	62.10	61.18	23.5	23	27.6	29.8	25.5	24.5	25.6	30.6	22.2	96	95	76	63	76	83	81.5	------
23	60.94	61.53	62.01	60.28	61.36	62.43	61.42	24	23.5	25	27.1	25.4	25	25	27.7	22.4	94	91	89	76	77	80	84.5	2.8
24	61.12	61.49	62.42	60.32	61.12	61.94	61.40	25	24.5	27.2	28.7	25.3	24	25.8	30	22.3	79	81	73	61	81	79	75.7	------
25	61.30	61.63	61.95	59.94	60.41	61.60	61.14	22.1	21.8	26.8	29.4	25.5	25	25.1	30	21	89	92	69	54	75	79	76.3	2.5
26	60.88	61.04	61.83	60.61	61.62	62.64	61.44	23	23.2	24	25.5	24	24	24	26.8	21.6	95	93	95	89	97	97	94.3	14
27	61.67	61.87	62.25	60.62	61.32	62.52	61.71	23.6	24.4	26.3	28.8	25.9	24	25.5	30.2	22.7	96	88	82	65	76	87	82.3	------
28	61.91	62.19	62.26	60.07	60.38	61.42	61.37	23	22.5	27.4	29.4	25.8	23	25.2	30.8	21.6	90	91	71	59	70	87	78	------
29	61.09	61.74	62.01	59.65	60.13	61.35	61	22	21.5	26.9	29.7	26	24.8	25.2	31	20.9	91	95	70	56	81	80	78.8	.5
30	60.91	61.17	61.79	59.92	60.90	61.95	61.11	24.3	23.5	24.4	26.5	25.6	25	24.9	27.6	22.8	87	96	92	80	84	82	86.8	7.3
31	60.92	61.79	62.10	60.14	61	62.05	61.33	24.3	24.1	28.8	28.2	26	24.2	25.9	30	22.6	84	86	69	72	78	78	77.8	.8
Mean	62.09	62.62	63.22	61.19	62.04	62.96	62.35	23.5	23.1	26.6	28	25.4	24.3	25.2	29.5	22.1	89.5	91.2	77.4	70	80.2	84.5	82.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	203

Day.	Wind.											
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	NW	0	NW	1	WNW	0	NNW	1	SE	1	NW	1
2	NW	1	Calm	----	WNW	2	ESE	1	E	1	Calm	----
3	NW	0	NW	1	E	1	NNW	1	E	1	Calm	----
4	NW	0	NW	1	NW	1	N	1	Calm	----	E	1
5	E	1	NW	1	E	2	E	3	E	2	Calm	----
6	NW	0	NW	1	ENE	0	E	1	E	1	NW	1
7	NW	1	NW	1	NNW	0	S	0	E	2	NW	0
8	Calm	----	NNW	1	N	1	S	2	Calm	----	NW	0
9	Calm	----	N	1	E	2	E	2	E	1	NW	1
10	NW	1	NNW	1	NW	1	Calm	----	ENE	1	NW	2
11	NW	1	NW	1	NW	1	NW	1	NW	2	NNW	1
12	NW	3	NW	2	NW	2	NW	2	WNW	1	NW	1
13	NW	1	Calm	----	ESE	0	SE	1	SE	1	Calm	----
14	Calm	----	Calm	----	N	0	SSE	1	ENE	1	Calm	----
15	NNW	1	NW	1	ENE	1	E	2	E	2	Calm	----
16	NW	1	NNW	1	NE	0	E	2	NW	1	NNW	1
17	Calm	----	Calm	----	NNW	1	ESE	1	ESE	1	NW	1
18	Calm	----	Calm	----	E	1	S	1	E	1	ENE	1
19	Calm	----	Calm	----	NW	0	NE	0	E	2	NW	1
20	N	1	NW	1	Calm	----	S	1	Calm	----	Calm	----
21	NW	1	NW	1	NW	1	S	0	ENE	1	Calm	----
22	Calm	----	NW	1	WNW	1	E	2	ENE	2	Calm	----
23	NW	0	NNW	2	NE	0	E	1	ESE	2	NW	1
24	NW	1	NW	1	ESE	2	E	3	E	2	N	1
25	N	1	NNW	1	NW	0	E	2	E	2	NW	1
26	NW	2	NNW	2	NNW	1	Calm	----	NNW	1	Calm	----
27	W	0	NNW	1	NNW	1	E	2	E	2	Calm	----
28	NW	1	NNW	1	NNW	1	E	2	E	2	NNW	2
29	NW	1	NNW	1	NNW	0	NW	1	Calm	----	NW	1
30	NW	1	NNW	1	Calm	----	Calm	----	E	1	E	1
31	E	1	Calm	----	ESE	1	E	2	E	2	Calm	----
Mean	------	0.7	------	0.9	------	0.8	------	1.3	------	1.3	------	0.6

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	3	------------	S.-Cu.	6	------------	Fr.-Cu. ENE
2	8	------------	Cu.-N. NE	8	Ci., Ci.-S. w	Cu. ENE
3	4	Ci.-S. W	S.-Cu.	8	------------	Cu. ENE
4	10	------------	N. ENE	10	------------	N. NE
5	5	------------	Cu. E	4	------------	Cu. E
6	7	Ci., Ci.-S. w	S.-Cu. E	8	Ci. W	Cu. E
7	3	Ci.	S.-Cu.	8	------------	Cu. NNE
8	6	------------	Cu. NE	9	------------	Cu.-N. NE
9	8	------------	Cu.-N.	8	------------	Cu.-N. NE
10	7	Ci.	Cu. NE	8	------------	Cu. NE
11	2	------------	S.-Cu.	7	------------	Cu. E
12	10	------------	N. N	10	------------	N. NE
13	6	------------	Cu. ENE	6	------------	Cu. ENE
14	9	------------	Cu.-N. ENE	7	Ci. SW	Cu. ENE
15	7	Ci.	S.-Cu. NE	7	Ci. SW	Cu. NE
16	9	------------	Cu.-N. ENE	8	------------	Cu. ENE
17	8	------------	Cu.-N. NE	10	------------	Cu.-N. ENE
18	9	------------	Cu.-N. NE	8	Ci.	Cu. NE
19	7	Ci. SW	S.-Cu.	7	Ci. SW	Cu. NE
20	10	------------	Cu.-N. N	10	------------	N. ENE
21	10	------------	Cu.-N. NE	9	------------	Cu.-N. NE
22	3	Ci.	S.-Cu.	5	Ci.	Cu. NE
23	10	------------	Cu.-N. ENE	8	------------	Cu.-N. ENE
24	7	Ci.-S.	Cu. ENE	7	Ci. WNW	Cu. ENE
25	3	------------	S.-Cu.	3	------------	Fr.-Cu. NE
26	10	------------	Cu.-N. NE	10	------------	Cu.-N. ENE
27	8	------------	Cu.-N. ENE	8	------------	Cu. NE
28	2	------------	S.-Cu.	7	------------	Cu. NE
29	6	Ci.-S. W	S.-Cu.	4	------------	Fr.-Cu.
30	10	------------	N. NE	10	------------	Cu.-N. NE
31	8	------------	Cu.-N. ENE	8	------------	Cu. ENE
Mean	6.9	------------	------------	7.6	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+.							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.93	61.19	61.80	59.77	60.21	61.03	60.82	22.9	21.5	27	28	25.3	23.8	24.8	30.6	20.9	92	94	73	70	85	89	83.8	0.5
2	60.45	60.78	61.20	59.21	59.65	60.98	60.38	22	22	28	29.8	26.8	24.3	25.5	31.2	21.2	93	93	68	62	71	82	78.2	------
3	60.47	61.37	62.06	59.99	60.52	61.82	61.04	23.6	23.5	27.8	30.6	26	25	26.1	31.6	22.2	83	84	69	55	76	80	74.5	------
4	60.87	61.32	62.05	60.17	60.78	61.85	61.17	24.5	23	28.8	29.3	26.2	25	26.1	30.6	22.6	79	91	67	60	75	80	75.3	------
5	61.18	61.54	62.30	60.67	60.85	62.05	61.43	25	24.4	28.7	31.2	26.1	24.5	26.6	31.5	22.7	83	88	63	50	70	82	72.7	------
6	61.28	61.72	62.75	60.34	61.17	62.46	61.62	22	22	28.6	30.4	26.5	24.4	25.6	31	21.2	94	95	62	56	66	74	74.5	------
7	61.39	61.64	61.88	59.87	60.36	61.68	61.14	22.1	21.7	28	30	26	23	25.1	30.8	21.1	93	94	63	50	68	88	76	------
8	61.02	61.64	62.90	60.54	61.16	62.32	61.60	22	21.5	27.4	29.8	26.7	24.5	25.3	31	20.5	93	95	63	55	73	82	76.8	------
9	61.16	61.92	63.03	60.91	61.83	62.78	61.94	23	23	27.4	29.7	26.4	24.3	25.6	30.8	22	91	95	74	57	77	85	79.8	.3
10	62.04	62.51	62.93	60.55	61.12	62.21	61.89	24	23	26.7	30.2	26	23	25.5	31	21.7	83	91	71	58	65	87	75.8	------
11	61.54	62.38	62.91	61.25	61.40	63.16	62.11	22	21	26.8	30.2	26	24.2	25	30.6	20.5	88	95	67	59	70	81	76.7	.3
12	62.26	62.57	63.72	61.90	62.48	63.99	62.82	23	23	25	27.8	25.5	24.2	24.8	28.5	22.6	86	87	80	69	73	80	79.2	.8
13	63.09	63.49	64.78	62.71	62.88	64.19	63.52	23	22	25.8	28.8	25.5	22.4	24.6	30.3	20.5	87	86	69	57	65	82	74.3	------
14	62.85	63.77	63.97	62.30	63.39	64.57	63.48	22	22	26.4	26.2	22.9	22.9	23.7	27	21.1	87	86	73	81	85	79	81.8	5.1
15	62.99	63.43	63.83	61.85	62.78	63.47	63.06	22.5	22.5	28	30.7	26.3	21.5	25.2	31.6	20.2	83	87	66	47	67	84	72.3	------
16	62.84	63.42	64.29	61.88	62.51	63.73	63.11	21.1	20.5	27.7	29.9	25.8	22	24.5	30.5	19.3	90	95	61	50	63	81	73.3	------
17	62.73	63.23	64.15	61.70	61.92	63.42	62.86	21.5	21	28	30.5	26.5	22.4	25	31	19.2	91	95	67	58	69	84	77.3	------
18	62.69	62.65	64.02	61.85	62.02	63.66	62.82	19.8	21.5	27.7	30.6	26	24.5	25	31.4	18.9	96	95	64	54	72	75	76	------
19	63.02	63.19	63.76	61.25	61.66	63.13	62.67	21.8	21.1	27.4	29.8	26.8	25	25.3	32	20	90	94	67	60	71	77	76.5	------
20	62.21	62.72	63.72	61.28	61.46	62.51	62.32	22.2	21.5	28.6	30.2	27	23	25.4	30.8	21	91	91	59	54	63	83	73.5	------
21	61.55	61.90	62.57	60.29	60.50	62.11	61.49	23 ?	22	27.4	30.3	27.5	24.3	25.8	32.2	21.1	81 ?	88	64	57	66	80	72.7	------
22	61.41	61.77	62.35	60.10	60.52	62.09	61.37	22.5	21.4	28.4	29.8	26	23.8	25.3	30.7	21	85	91	66	58	69	77	74.3	------
23	61.49	62.09	63.32	60.93	61.06	61.94	61.80	20.8	21	28.4	30.8	26.5	23	25.1	31.6	19.8	94	95	65	53	76	91	79	------
24	61.71	61.92	63.02	60.19	60.66	62	61.58	22.5	21	28.5	30.7	27	25.5	25.9	32.4	20.7	87	95	66	60	77	80	77.5	------
25	61.11	61.84	63.07	60.46	60.67	62.15	61.55	23	22	28.3	30.8	26.9	24.9	26	32.8	21.6	87	96	63	52	70	76	74	------
26	61.59	62.42	63.72	61.54	61.90	63.66	62.47	22	21.4	28.4	30.2	26.5	25.5	25.7	31	20.4	88	94	64	62	67	71	74.3	------
27	62.74	63.63	64.08	61.96	62.22	63.81	63.07	23	22.4	29	30.8	27.5	24.9	26.3	31.5	21.7	87	91	62	54	66	80	73.3	.5
28	62.54	62.94	64.11	62.08	62.08	63.62	62.90	24.2	23.4	27	25.7	25	25	25	29	22.6	83	90	78	90	88	88	86.2	4.6
Mean	61.83	62.32	63.15	60.98	61.42	62.73	62.07	22.5	22	27.7	29.7	26.2	24	25.4	30.9	21	88	91.8	66.9	58.9	71.5	81.4	76.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NNW	1	NW	1	NNE	0	ESE	1	ESE	2	NW	1	2	------------	S.-Cu.	8	Ci.-S. SW	Cu. E
2	NW	1	NW	1	NNW	1	ESE	2	ESE	1	NW	1	5	Ci.-S.	S.-Cu.	7	Ci. SW	Cu. ENE
3	NNW	2	NNW	2	S	2	E	3	E	2	E	1	3	------------	S.-Cu.	4	------------	Cu. ENE
4	Calm	----	Calm	----	E	3	E	3	E	2	Calm	----	2	------------	S.-Cu.	8	------------	Cu. ENE
5	Calm	----	Calm	----	E	2	E	2	E	2	NNE	0	9	------------	Cu.-N. ENE	7	Ci.	Cu. ENE
6	Calm	----	Calm	----	ESE	0	ESE	1	E	1	ENE	0	5	Ci.-S.	S.-Cu.	6	------------	Fr.-Cu. NE
7	NW	1	WNW	0	E	2	ENE	2	E	1	NW	0	6	Ci. SW	S.-Cu.	7	Ci. SW	Cu. ENE
8	NW	1	WNW	1	WNW	1	SE	1	SE	1	NNE	1	3	Ci.-S.	S.-Cu.	7	Ci.-S. SW	Cu. ENE
9	Calm	----	NW	1	NNW	1	E	1	E	1	Calm	----	9	------------	Cu.-N. NE	8	Ci. SW	Cu. NE
10	Calm	----	NW	1	E	0	ESE	1	ESE	1	Calm	----	9	------------	Cu.-N. NE	3	------------	Fr.-Cu. NE
11	Calm	----	Calm	----	NW	0	ESE	1	ESE	2	Calm	----	2	Ci.	S.-Cu.	7	Ci. SW	Cu. NE
12	Calm	----	NW	1	SE	1	ESE	1	ESE	1	Calm	----	8	------------	Cu.-N. NE	8	------------	Cu. ENE
13	NNW	1	NNW	1	E	2	E	3	E	2	Calm	----	8	------------	Cu.-N. NE	6	------------	Cu. NE
14	NNW	1	NNW	1	N	0	SSE	1	N	1	N	1	9	------------	Cu.-N. NE	8	------------	Cu.-N. ENE
15	NNW	1	NW	0	E	0	E	2	E	2	Calm	----	9	------------	Cu.-N. ENE	4	------------	Fr.-Cu. ENE
16	Calm	----	NW	1	ESE	2	ESE	2	E	1	NNW	0	2	------------	S.-Cu.	4	------------	Fr.-Cu. NE
17	NW	1	NW	1	Calm	----	SSE	2	E	1	Calm	----	2	------------	S.-Cu.	3	------------	Fr.-Cu. NE
18	NW	0	NW	0	E	1	SSE	1	E	1	Calm	----	2	------------	S.-Cu.	2	------------	Cu.
19	Calm	----	NNW	0	NNW	0	SSE	3	SSE	2	NNE	1	2	------------	S.-Cu.	2	------------	Fr.-Cu. NE
20	Calm	----	NW	1	E	1	SSE	1	SSE	1	NW	1	7	Ci.-S.	Cu. ENE	2	------------	Cu.
21	WNW	1	NW	1	NW	1	SE	1	SE	2	Calm	----	2	------------	S.-Cu.	5	------------	Cu. ENE
22	Calm	----	Calm	----	E	1	SSE	2	SSE	2	N	1	2	------------	S.-Cu.	2	------------	Cu.
23	NW	1	NW	0	E	0	SE	1	SSE	1	Calm	----	2	------------	S.-Cu.	3	------------	Fr.-Cu.
24	Calm	----	NW	0	E	1	SSE	2	SSE	2	NW	0	2	------------	S.-Cu.	2	------------	Fr.-Cu.
25	NW	1	WNW	1	E	1	SSE	2	S	1	Calm	----	2	Ci.	S.-Cu.	3	------------	Fr.-Cu. ENE
26	NW	0	WNW	0	E	2	S	2	S	1	Calm	---	5	Ci.-S. SW	S.-Cu.	2	------------	Cu.
27	NW	0	Calm	----	E	1	SSE	2	SSE	2	Calm	----	2	------------	S.-Cu.	2	------------	Cu.
28	NW	1	NW	1	WbyN	1	S	0	SE	1	ENE	1	9	------------	Cu.-N. NE	8	------------	Cu.-N. NE
Mean	-------	0.5	------	0.6	-------	1	-------	1.6	-------	1.4	-------	0.3	4.6	------------	------------	4.9	------------	------------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.28	62.74	64.07	61.90	61.89	64.12	62.83	23	22.8	25.5	31.3	27	25	25.8	32	22.3	91	93	92	57	70	76	79.8	3.3
2	62.93	63.21	64.20	61.40	62	63.80	62.92	24	23	27.8	30.6	26.5	24.7	26.1	32.3	22.3	83	87	69	58	69	78	74	------
3	62.38	62.61	63.32	60.72	60.91	61.41	61.89	23.5	24.3	27.2	28	27.1	25	25.8	29.7	23	91	87	77	77	82	94	84.7	3.8
4	59.65	60.02	61	58.82	59.41	60.25	59.86	24.2	24.7	28.6	29.6	25.7	25	26.3	30.6	23.8	97	94	78	70	91	94	87.3	18.5
5	58.57	59.10	60.12	57.81	58.93	60.48	59.17	24.5	24.5	27.6	27.5	25.5	26	25.9	29.7	23.9	86	96	86	83	88	84	87.2	9
6	59.23	59.75	61.05	58.06	59.02	60.10	59.54	25.1	24.9	27.7	29.6	27	26	26.7	30	24.4	91	92	74	72	80	85	82.3	4.3
7	58.92	59.44	60.17	57.95	58.81	60.35	59.27	24.2	23.5	29.6	30.7	27.5	26	26.9	31	23.2	94	96	71	69	77	81	81.3	.5
8	59.35	59.87	60.61	58.25	59.20	60.67	59.66	24	24	29.4	31.7	28	25.5	27.1	32.2	23	96	94	72	58	69	80	78.2	------
9	59.30	59.77	60.69	58.43	58.85	60.40	59.57	24	23.3	30	31.3	28	24.6	26.9	31.6	22.8	87	93	65	63	67	87	77	------
10	59.21	60.13	61.36	59.15	59.29	60.35	59.92	25	23.5	29.5	30.5	25	25.3	26.5	31.5	23	80	92	65	65	90	85	79.5	.5
11	59.79	60.04	60.82	58.95	59.21	60.51	59.89	23.1	23	28.7	30.5	26	25	26	31.4	22.4	94	95	69	67	92	90	84.5	.5
12	59.28	60.32	61.70	60.17	60.82	61.65	60.66	25	24.5	28.6	27.5	23.9	24.5	25.7	31	23.4	90	90	73	81	92	94	86.7	16
13	60.41	60.82	62.41	60.32	60.83	61.95	61.12	24	24.2	26.6	29.3	27.2	25.6	26.2	30.5	23.2	95	97	86	72	75	84	84.8	.3
14	61.28	61.36	62.27	60.46	60.47	62.02	61.31	24	23.4	29.4	30.5	28	26	26.9	31	22.8	91	94	70	61	72	84	78.7	------
15	61?	62.54	63.17	60.73	60.85	61.93	61.70	25.4	24.5	29	32	26.8	23.9	26.9	32.9	23.3	77	82	62	49	62	79	68.5	------
16	60.74	61.28	62.72	60.47	61	61.82	61.34	22.8	22.6	27.1	29.7	26.3	25.1	25.6	30.5	21.7	89	91	72	69	82	87	81.7	5.6
17	61.04	62.23	62.92	61.97	62.57	63.69	62.40	24	24	30.4	26	25.3	24.5	25.7	31.5	23.4	93	93	70	84	86	87	85.5	5.9
18	62.63	63.72	64.60	62.14	62.75	64.26	63.35	23.8	23	27.6	31.2	27.8	25	26.4	32	22.4	89	96	75	56	71	87	79	------
19	62.91	63.11	63.63	60.82	61.37	62.41	62.38	24	23	27.9	29.1	27	24.7	26	31.4	22	91	91	71	66	77	89	80.8	2.8
20	60.88	61.56	61.92	59.12	59.70	60.71	60.65	23.6	23.2	27.7	29	27.5	24.6	25.9	32.3	22.5	90	90	72	68	73	87	80	3.8
21	60.64	61.19	61.26	59	59.40	61.11	60.43	24	23.3	29.7	29.7	27	25.7	26.6	31.2	22.7	90	96	69	64	78	84	80.2	------
22	59.47	60.28	60.64	58.98	59.19	60.75	59.88	24.4	23.5	29.8	30.2	28	26	27	31.9	22.4	92	96	66	70	70	80	79	------
23	60.16	60.63	61.17	58.95	59.70	60.77	60.23	23.8	23	30.3	31.7	27.5	25.9	27	32.1	22.6	93	96	66	64	73	81	78.8	------
24	59.56	60.52	61.34	59.19	59.89	61.28	60.30	24.1	24	30	31.7	27.8	25.8	27.2	32.3	23.4	86	87	59	59	69	80	73.3	------
25	60.21	60.77	61.54	59.09	59.47	60.81	60.32	24	23	30	32.1	28	25.2	27	33.7	22.8	91	96	65	54	63	82	75.2	------
26	59.55	59.79	60.79	58.83	59.48	60.78	59.87	24	23.6	29.9	32.5	26	25.4	26.9	33	22.9	91	95	62	47	80	81	76	2
27	59.43	60.03	61.03	58.92	59.53	61.05	60	24.8	24	25.6	28	26.5	25.8	25.8	29.2	23.3	88	91	90	79	82	85	85.8	20.1
28	59.99	60.57	61.24	59.96	60.56	61.78	60.68	24.5	24.5	29.2	27.8	27	24.4	26.2	30	23.4	92	92	73	76	75	88	82.7	1
29	61.08	61.26	61.84	59.36	59.89	61.08	60.75	23.8	24	29	31.2	27.2	24.8	26.7	32	23	91	91	68	64	82	87	80.5	4.1
30	60.12	60.69	61.31	59.05	59.07	60.13	60.06	24.1	23.7	30.2	32.2	27.8	25.8	27.3	33.4	22.9	89	92	58	54	68	81	73.7	------
31	59.20	59.29	59.76	57.97	58.52	60.13	59.14	25	25	29.3	28	26	25.6	26.5	30.8	24.4	83	83	70	82	88	87	82.2	8.7
Mean	60.36	60.92	61.76	59.58	60.08	61.37	60.68	24.1	23.7	28.7	30	26.8	25.2	26.4	31.4	23	89.7	92.2	71.5	66.4	77.2	84.8	80.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	110.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNW	1	NW	1	N	0	E	2	E	1	NE	0	7	----	Cu.-N. ENE	4	Ci.	Cu. ENE
2	NW	1	WNW	0	WNW	1	ESE	2	E	2	NW	2	6	Ci.	S.-Cu.	3	----	Fr.-Cu. NE
3	NW	1	NW	2	N	0	ESE	2	NE	1	NW	1	9	----	Cu.-N. NE	10	----	Cu.-N. NE
4	NW	1	Calm	----	N	0	ESE	0	NNW	1	Calm	----	10	----	Cu.-N. ENE	7	----	Cu. ENE
5	Calm	----	WNW	1	E	0	SSE	2	SSE	2	SE	3	10	----	Cu.-N. E	8	----	Cu.-N. E
6	Calm	----	Calm	----	SE	2	SSE	3	SSE	1	Calm	----	9	----	Cu.-N. E	5	----	Cu. E
7	Calm	----	Calm	----	E	0	SSE	1	SE	1	ENE	1	2	----	S.-Cu.	7	----	Cu. E
8	NW	1	Calm	----	S	1	ESE	1	SSE	1	Calm	----	6	----	Cu. E	4	----	Fr.-Cu. E
9	Calm	----	Calm	----	Calm	----	SE	2	E	2	NW	0	7	Ci. W	S.-Cu.	6	----	Cu. E
10	NW	1	WNW	1	NE	0	ESE	2	NW	1	Calm	----	2	----	S.-Cu. ENE	7	Ci.-Cu. W	Cu. E
11	NW	0	NW	0	EbyS	0	SSE	2	SSE	1	Calm	----	7	Ci.-Cu. W	S.-Cu.	8	----	Cu. E
12	N	0	WNW	0	ESE	1	SSE	2	E	2	Calm	----	8	Ci.-Cu.	S.-Cu.	8	----	Cu.-N. ENE
13	Calm	----	Calm	----	SE	2	SSE	2	ESE	2	E	2	10	----	Cu.-N. E	8	----	Cu. ESE
14	Calm	----	Calm	----	SSE	1	SSE	2	ESE	1	Calm	----	6	Ci. W	Cu. ESE	2	----	Cu. ESE
15	NW	1	NNW	2	N	1	ESE	0	ESE	1	NNW	1	3	----	Cu.	4	----	Cu. NE
16	NNW	1	NW	1	ESE	2	ESE	1	ESE	1	Calm	----	2	----	S.-Cu.	4	----	Cu. ESE
17	NW	0	NW	0	NNE	0	E	1	E	2	Calm	----	4	Ci.-S. W	S.-Cu.	8	----	Cu.-N. ENE
18	Calm	----	Calm	----	Calm	----	ESE	1	E	2	Calm	----	8	----	Cu.-N. ENE	5	Ci. W	Cu. ENE
19	NNW	1	NNW	1	WNW	1	ESE	2	ESE	1	NW	0	8	Ci. SW	S.-Cu.	8	Ci. SW	Cu. ENE
20	NNW	1	Calm	----	NNW	1	SE	2	SE	2	Calm	----	9	----	Cu.-N. ENE	7	----	Cu. ENE
21	NW	1	WNW	0	ESE	0	ESE	0	ESE	1	Calm	----	7	Ci. SW	S.-Cu.	7	Ci.-S. SW	Cu. ENE
22	Calm	----	N	0	SSE	1	SSE	2	SSE	2	Calm	----	7	Ci. SW	S.-Cu.	6	Ci.-S. SW	Cu. ENE
23	Calm	----	Calm	----	ESE	0	SSE	2	SSE	2	Calm	----	2	----	Cu.	3	----	Cu.
24	Calm	----	Calm	----	SSE	1	S	2	E	2	E	1	3	----	S.-Cu.	3	----	Cu.
25	Calm	----	Calm	----	ESE	1	ESE	2	E	2	E	1	4	----	Fr.-Cu. ENE	4	----	Fr.-Cu. NE
26	NW	0	NW	1	N	1	E	2	E	2	N	1	3	Ci. SSW	S.-Cu.	8	Ci.-Cu. SSW	Cu. NE
27	NNW	1	NNW	1	NW	1	N	1	N	1	NNW	1	10	----	N. NE	10	----	N. ENE
28	N	1	N	1	ESE	1	ESE	1	E	1	Calm	----	8	----	Cu.-N. NE	8	----	Cu.-N. NE
29	Calm	----	NNW	0	N	1	ESE	0	ESE	1	NNW	1	8	Ci.-S. SW	S.-Cu.	6	----	Cu. ENE
30	NW	1	NW	1	E	2	SE	2	S	1	NNW	1	4	Ci.	S.-Cu.	3	----	Fr.-Cu. ENE
31	NW	1	NNW	2	NNW	1	Calm	----	ESE	1	ESE	1	8	----	Cu.-N. NE	10	----	Cu.-N. NE
Mean	-------	0.5	-------	0.5	-------	0.7	-------	1.5	-------	1.4	-------	0.5	6.4	----	----	6.2	----	----

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°C.	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.51	59.26	60.33	58.57	58.66	59.95	59.21	24.3	24.7	28.2	30.8	27.6	25.4	26.8	31.5	23.4	91	90	80	64	71	82	79.7	7.6
2	59.51	60.09	60.96	59.40	59.86	60.90	60.12	23.3	23.7	27.6	27	26.5	25.6	25.6	29.6	22.6	93	94	75	81	83	88	85.7	1.3
3	59.56	59.42	60.47	58.92	59.68	61.01	59.84	25.1	24.7	26.8	26.5	24.9	24.4	25.4	27.4	23.8	92	94	89	89	89	92	90.8	6.9
4	59.82	60.12	60.74	58.80	59.80	61.10	60.06	24.2	24.5	30.5	31	26	25.4	26.9	31.5	23.8	96	96	72	71	90	88	85.5	------
5	59.92	60.67	61.19	58.92	60.17	61.91	60.46	24	24.5	30.5	29.8	26	25.3	26.7	32.4	22.6	97	97	68	76	91	93	87	9.7
6	59.42	59.56	60.67	58.48	59.05	60.76	59.66	23	24	30.1	31.2	27.7	26.3	27	31.6	22.2	95	96	74	71	79	86	83.5	------
7	59.45	60.13	61.35	58.86	59.20	60.97	59.99	26	25.3	30.3	81.7	27.7	26.5	27.9	32.4	24.4	89	93	70	62	79	85	79.7	------
8	59.96	60.43	62.05	59.91	60.35	61.98	60.78	26	25.7	30.5	31.4	27.7	26.4	28	32	23.6	85	88	60	55	72	79	73.2	------
9	61.06	61.39	62.35	60.80	61.16	62.83	61.60	24.3	24	30.8	31.6	27.6	26.2	27.4	32	23.4	93	96	67	62	79	83	80	------
10	61.15	61.22	61.91	61.16	59.68	61.98	61.18	25	24.7	29.7	24.7	24.7	24.6	25.6	31	24	91	92	70	92	94	95	89	19.8
11	60.22	60.29	61.10	58.77	59.13	60.58	60.02	24.5	24.6	28	29.1	25.8	25	26.2	30.6	23.8	92	91	81	74	85	88	85.2	37
12	59.74	60.08	60.90	58.35	59.32	60.83	59.87	24.5	24	29	31.5	27.5	26	27.1	31.9	23.5	89	91	74	57	80	80	78.5	------
13	59.66	60.17	60.71	59.15	59.77	61.12	60.10	25	24.5	29.8	30.8	28	25.4	27.2	31.5	23.9	88	94	67	65	74	88	79.3	------
14	60.14	60.44	61.65	59.58	59.97	61.12	60.48	24.2	25	29.9	31	27.5	25.6	27.2	31.7	23	93	89	70	61	77	83	78.8	------
15	60.65	61.36	62.26	60.46	60.87	62.10	61.28	24.4	24.3	31.1	31.7	28	26	27.6	32.6	23	93	91	60	60	72	83	76.5	------
16	61.13	61.57	62.09	59.28	59.55	61.37	60.83	25	23.5	30.7	31.3	27.5	26	27.3	33	22.9	83	93	57	58	76	79	74.3	------
17	59.53	60.46	60.91	58.60	58.96	60.31	59.80	23.5	23.6	29.8	31.7	27.5	25.5	26.9	33	23.2	91	94	64	58	76	88	78.5	------
18	59.29	60.19	60.77	58.69	59.38	61	59.89	24.4	22.5	30.3	31.5	28.9	26.5	27.4	33.3	22	92	94	63	66	70	86	78.5	------
19	59.56	60.22	61.08	58.85	59.52	61.25	60.08	25	24.5	31.4	31.6	29	27.5	28.2	32.3	23.6	96	95	63	65	70	79	78	------
20	60.22	61.45	62.55	60.56	61.08	63.02	61.48	25.3	25.2	30.5	31.7	28	26.6	27.9	32.2	24.8	93	94	72	65	81	83	81.3	------
21	61.91?	62.08	61.77	60.67	61.65	61.91	61.66	25.9	25.5	30	27.7	25.7	25	26.6	31.6	23.8	88	92	73	87	92	97	88.2	22.9
22	59.27	60.30	61.20	59.08	59.84	61.28	60.16	25.2	25.6	30.3	31.7	27.6	25	27.6	32	24	94	95	68	65	76	96	82.3	7.6
23	60.09	60.47	61.25	59.20	59.76	61.10	60.31	24.7	25	30.7	31.7	28.6	25.4	27.7	32.2	23.8	97	94	64	62	78	91	81	------
24	59.70	60.07	61.03	59.42	60.18	60.83	60.20	25	25.4	29.8	27	26.5	26.2	26.6	31	24	92	89	69	88	92	92	87	14.8
25	60.11	60.08	60.86	59.24	59.68	60.99	60.16	25.3	24.4	30.7	31.6	29	27.5	28.1	32.2	23.4	92	94	72	68	74	81	80.2	2.8
26	60.62	60.91	61.51	59.53	59.59	61.20	60.56	26.3	25.7	30.8	30	28.6	26.9	28	32.5	24.2	89	92	65	69	72	81	78	------
27	59.95	59.97	60.49	59.40	59.51	60.36	59.95	25.8	25.3	31	26.7	25.6	26	26.7	31.9	24.2	88	93	62	88	91	88	85	12.7
28	59.66	60.02	60.52	58.81	58.78	60.03	59.64	26	25.7	29.6	31.1	27.7	25.2	27.6	31.5	23.5	88	92	70	65	74	83	78.7	------
29	58.78	59.29	59.69	58.30	58.47	60.18	59.12	24.2	23.8	29.9	29.1	27.2	23.6	26.3	32.4	22.5?	91	95	64	70	78	90	81.3	2
30	58.84	59.89	60.65	58.81	59.29	60.32	59.63	23	21.5	29.7	27.8	27.9	26.5	26.1	32.3	20.4	96	95	67	79	74	82	82.2	1.8
Mean	59.91	60.39	61.17	59.29	59.73	61.14	60.27	24.7	24.5	29.9	30.1	27.3	25.8	27.1	31.8	23.4	91.6	93.1	69	69.8	79.6	86.3	81.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	146.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SE	1	SSE	1	SSE	1	ESE	1	ESE	2	SE	1	9	------------	Cu.-N. E	4	------------	Fr.-Cu. E
2	NW	1	NW	2	NW	1	E	3	W	0	W	0	2	------------	S.-Cu.	9	------------	Cu.-N. NE
3	W	1	WNW	1	WNW	1	WNW	2	Calm	----	Calm	----	2	------------	S.-Cu.	10	------------	N. ENE
4	Calm	----	Calm	----	SSE	1	SSE	2	SSE	1	Calm	----	2	------------	S.-Cu.	4	------------	Fr.-Cu. E
5	NW	0	WNW	1	E	0	SE	1	SE	1	Calm	----	2	------------	S.-Cu.	8	Ci.-S. SW	Cu.
6	Calm	----	Calm	----	E	0	SSE	2	SE	0	ESE	1	7	------------	Cu.-N. E	4	------------	Fr.-Cu. E
7	E	2	Calm	----	SSE	1	SSE	2	SSE	2	Calm	----	7	Ci. SW	Cu. SE	7	Ci. SW	Cu. E
8	ESE	1	SSE	2	SSE	1	SSE	2	SSE	2	ESE	1	4	Ci.-S. SW	S.-Cu.	2	------------	Cu.
9	Calm	----	Calm	----	SSE	2	SSE	3	SSE	1	Calm	----	4	Ci.-S. SW	Cu. E	8	Ci. SW	Cu. E
10	Calm	----	Calm	----	NNW	1	NNW	1	Calm	----	WNW	1	8	Ci.-S. SW	Cu. E	10	------------	N. E
11	NW	1	NNW	1	WNW	1	NNW	1	NNW	1	NW	1	9	------------	Cu.-N. ENE	7	------------	Cu. E
12	WNW	0	WNW	0	NW	2	NW	1	S	1	Calm	----	6	Ci.-S. SW	S.-Cu.	3	------------	Cu.
13	N	1	NNW	1	SE	0	SE	2	SE	1	Calm	----	6	------------	Fr.-Cu. ENE	3	------------	Cu.
14	Calm	----	NW	0	S	2	SSE	2	S	2	S	1	8	------------	Cu.-N. E	4	Ci.-S. SW	Cu. E
15	NW	1	Calm	----	ESE	0	SSE	2	SSE	1	Calm	----	2	------------	S.-Cu.	3	------------	Fr.-Cu.
16	Calm	----	Calm	----	E	0	SE	2	S	1	Calm	----	1	------------	S.-Cu.	6	Ci. SW	Fr.-Cu. E
17	Calm	----	WNW	1	SE	1	SSE	2	SSE	2	Calm	----	2	------------	S.-Cu.	3	------------	Cu.
18	NNW	1	NW	0	E	0	SSE	2	E	2	Calm	----	2	------------	S.-Cu.	5	Ci.-S. S	Cu. NE
19	N	1	NW	1	E	1	SSE	2	E	2	E	1	2	------------	S.-Cu.	4	------------	Fr.-Cu. E
20	E	0	E	1	ESE	1	S	2	SSE	1	E	1	7	Ci.-S.	Cu. ENE	4	------------	Fr.-Cu. ENE
21	Calm	----	NW	0	NW	2	S	1	NW	1	Calm	----	8	Ci.-S. SW	S.-Cu.	10	------------	Cu.-N. NE
22	Calm	----	Calm	----	ESE	1	SE	2	SE	1	Calm	----	8	------------	Cu. NE	5	------------	Cu. E
23	Calm	----	Calm	----	S	1	SSE	2	SSE	2	Calm	----	5	------------	Cu. E	4	------------	Fr.-Cu. E
24	Calm	----	NNW	1	SE	1	ESE	2	E	1	Calm	----	4	------------	Fr.-Cu. ENE	10	------------	N. ESE
25	Calm	----	Calm	----	SSE	2	SSE	2	SE	2	E	1	8	------------	Cu. E	3	------------	Fr.-Cu. E
26	E	4	Calm	----	E	0	ESE	1	SE	2	E	1	2	------------	S.-Cu.	8	------------	Cu.-N. ENE
27	NW	1	NW	1	E	1	Calm	----	WSW	0	Calm	----	8	------------	Cu. ENE	9	------------	Cu.-N. ENE
28	WNW	1	NW	1	E	1	S	1	SE	2	Calm	----	8	------------	Cu.-N. NE	8	Ci. SW	Cu. NE
29	Calm	----	NW	0	SE	1	Calm	----	SE	1	Calm	----	8	Ci. SW	S.-Cu.	8	Ci. SW	Cu. ENE
30	Calm	----	Calm	----	S	1	EbyS	3	SE	2	E	1	8	Ci. S	S.-Cu.	9	------------	Cu.-N. E
Mean	-------	0.6	-------	0.5	-------	0.9	-------	1.7	-------	1.2	-------	0.4	5.3	------------	------------	6.1	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.66	60.59	61.22	58.95	59.54	60.80	60.13	25.3	24.7	28.5	31.2	28.9	27	27.6	31.6	24.4	85	90	74	64	75	84	78.7	1.3
2	59.98	60.98	61.61	59.40	60.24	61.67	60.65	26.2	23.8	30.7	31.8	27.8	26.5	27.8	32.7	22	82	97	67	65	74	83	78	.5
3	60.25	61.12	61.20	59.46	59.66	60.83	60.42	25.3	24.7	29.2	26.2	26.3	25.3	26.2	31	24.3	92	94	76	89	92	93	89.3	4.9
4	59.42	59.85	60.40	58.11	58.42	60.10	59.38	25.8	25	30.4	25.5	28.5	26.1	26.9	32.8	24.6	93	96	65	85	73	90	83.7	4.3
5	58.53	58.74	58.76	56.72	57.20	58.57	58.09	25	24.8	30.5	31.6	28	27	27.8	32.3	23.6	96	96	65	65	77	80	79.8	------
6	57.74	58.95	59.52	57.05	57.24	59.41	58.32	26	25.8	30	32	29	27.5	28.4	32.8	25.3	84	88	69	64	71	78	75.7	1.5
7	58.39	59.38	60.32	58.60	58.91	60.12	59.29	26	25.8	27.3	29.8	27.5	26.5	27.2	30.2	25	87	93	86	76	86	90	86.3	2.8
8	59.13	59.46	59.98	58.05	58.25	59.52	59.06	24.7	25.2	31.4	29.1	27.5	25.8	27.3	32.6	23.3	97	97	67	83	88	93	87.5	9.1
9	58.12	58.14	58.42	56.60	56.91	58.22	57.74	25.2	25.4	30.6	31.3	27.8	27	27.9	32	24	97	96	73	70	84	87	84.5	4.5
10	56.50	56.78	58	55.74	55.90	57.35	56.71	26.8	26.5	27.5	28.7	28.3	27	27.5	30.5	25.2	90	92	87	83	75	80	84.5	1.8
11	56.59	57.47	58.87	57.31	57.37	59.17	57.80	26.5	25.6	28.8	29.3	26.2	24.3	26.8	29.8	23.4	85	92	80	73	90	96	86	------
12	58.08	58.74	59.30	57.87	58.01	59.80	58.63	25	25	31.3	31.8	29	26	28	32.3	23.6	93	96	64	67	71	86	79.5	------
13	59.08	59.49	59.58	58.05	58.80	60.42	59.24	25.3	25.3	31.5	31.1	27.7	26.9	28	33	24.3	93	93	66	69	79	81	80.2	------
14	59.02	59.73	59.89	58.43	58.80	60.70	59.43	24.9	25	30.8	31.7	27.8	26.5	27.8	32.5	24	96	95	65	64	72	80	78.7	------
15	59.85	60.22	60.39	58.42	59.08	60.84	59.80	24.9	24.7	30.7	31.6	28.2	26.8	27.8	33.3	23.4	92	93	65	63	76	82	78.5	.5
16	59.57	60.10	60.40	58.54	59.25	60.72	59.76	26	25	29.6	29.3	28	27	27.5	32	24.4	85	92	71	76	81	84	81.5	------
17	59.37	60.23	60.25	58.24	59.26	61.06	59.74	26	25.7	30.7	32.2	26.8	25.5	27.8	32.8	24.6	87	94	69	65	88	96	83.2	------
18	59.98	60.76	60.48	58.65	59.22	60.66	59.96	25	25.5	30.5	29.4	26.9	25.8	27.2	33.5	24.3	95	91	68	66	78	85	80.5	------
19	59.46	60.17	60.49	57.63	58.07	59.97	59.30	24	24	30.7	32.1	28.5	26.7	27.7	32.9	23.2	96	96	65	57	74	86	79	.3
20	59.15	59.40	59.93	57.84	58	59.71	59	25.5	25.5	30.9	32	28.6	24.4	27.8	32.8	24.1	93	95	66	63	77	88	80.3	20.6
21	59.57	60.18	60.71	58.83	59.49	61.36	60.02	24.1	25	31.2	32	27.5	26.6	27.7	32.7	23	95	92	68	64	85	90	82.3	4.3
22	60.82	61.46	61.83	59.28	59.38	61.49	60.71	25.5	25.6	30.3	32	28.5	27	28.2	32.6	24.4	96	96	66	63	77	84	80.3	------
23	60.86	60.76	60.84	58.33	58.27	60.10	59.86	24.6	25.4	31.5	32.1	28.3	26.1	28	33.2	23.5	97	93	60	63	84	93	81.7	------
24	58.84	59.36	59.70	57.60	57.90	59.02	58.74	25.3	25	30	32	29	27	28	32.6	24	93	96	64	51	69	81	75.7	------
25	57.40	57.68	58.67	57.41	57.56	59.01	57.96	25.5	25.4	30.5	30.6	27	26.5	27.6	32	24.5	92	92	71	67	88	90	83.3	2.5
26	58.07	57.82	58.77	56.82	56.40	56.92	57.47	26.3	27	27.5	27.5	28	27.6	27.3	28.7	25.4	93	89	88	77	74	78	83.2	3.1
27	55.47	55.84	55.80	53.42	54.32	56.04	55.15	27	26.8	29	28.5	27.4	27.1	27.6	30.5	25	88	88	81	81	84	87	84.8	37.9
28	54.44	55.04	55.71	53.95	54.40	56.23	54.96	26.8	26.7	28.4	27.8	28.5	27	27.5	30.5	25.4	89	86	82	85	81	90	85.5	1.3
29	54.59	55.19	55.69	53.89	54.84	56.08	55.05	26.5	26.5	29.7	31.4	29	27.4	28.4	31.9	25.5	90	90	75	66	78	81	80	.3
30	55.38	55.79	56.05	54.05	54.65	56	55.32	27	26.7	29.8	31	28.6	27.4	28.4	32	25.8	80	83	76	65	75	78	76.2	.3
31	54.82	56.09	55.80	54.84	56.25	56.63	55.74	27.6	26.5	29.8	30.2	25.1	25.3	27.4	30.9	24.2	76	80	73	63	95	88	79.2	29.1
Mean	58.33	58.89	59.31	57.36	57.79	59.31	58.50	25.7	25.5	30	30.4	27.9	26.5	27.6	32	24.2	90.5	92.3	71.4	69.4	79.7	85.9	81.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	E	1	Calm	----	ESE	1	ESE	1	Calm	----	8	------	Cu.-N. E	6	------	Cu. ENE
2	ENE	0	Calm	----	E	1	SSE	3	SE	2	Calm	----	2	------	S.-Cu.	3	------	Fr.-Cu. E
3	NW	1	Calm	----	E	1	SE	2	Calm	----	NW	0	8	------	Cu.-N. E	9	------	N. E
4	Calm	----	WNW	1	SE	1	NW	1	Calm	----	Calm	----	3	Ci.	S.-Cu.	8	------	N. E
5	Calm	----	NW	1	NNE	1	SSE	2	SSE	2	Calm	----	2	Ci.	Fr.-Cu. ENE	4	------	S.-Cu. ENE
6	Calm	----	NW	1	NE	1	ESE	2	SSE	1	NW	1	8	Ci.-S.	Cu. E	7	Ci.-Cu. SW	Cu. E
7	NW	1	Calm	----	Calm	----	SE	1	SE	1	Calm	----	9	------	Cu.-N. E	8	------	Cu. ESE
8	Calm	----	Calm	----	SSE	1	Calm	----	SSE	1	Calm	----	4	Ci. SW	Cu.	8	Ci.-S. SW	N.-cf. ENE
9	NW	0	WNW	1	SSW	1	S	2	E	1	SE	1	2	------	Cu.	6	------	Fr.-Cu. ENE
10	SE	1	SE	1	SE	2	SSE	1	SE	1	SE	0	8	------	Cu. ESE	7	Ci.-S. W	Cu. ESE
11	Calm	----	NNW	0	SSE	2	SSE	2	SSE	2	Calm	----	8	Ci.	S.-Cu.	8	Ci. SW	Cu. ESE
12	WNW	0	W	1	SE	1	SbyE	3	SE	2	SE	1	5	------	Cu. E	4	------	Cu. ESE
13	Calm	----	NW	1	E	1	SE	2	SE	1	E	1	8	Ci.-S. SW	Cu. ENE	8	Ci.-S. SW	Cu. ENE
14	NW	0	NW	0	SSE	1	SE	2	E	2	SE	1	7	ci.,ci.-s.sw	S.-Cu.	6	Ci.-S. SW	Cu. ENE
15	Calm	----	NW	1	SE	1	SSE	2	ESE	1	SE	1	7	Ci. SSW	Cu.	6	Ci.-S. SSW	Cu.
16	Calm	----	Calm	----	SE	1	SSE	1	SSE	1	SSE	1	8	Ci. -S. W	S.-Cu.	9	Ci. WSW	Cu.-N. E
17	Calm	----	Calm	----	SSE	2	SSE	3	Calm	----	Calm	----	6	ci.-cu. ssw	S.-Cu.	6	------	Cu. ENE
18	Calm	----	S	1	SSE	1	SSE	2	NW	1	N	1	8	------	Cu.-N. ESE	7	------	cu.-N. ESE
19	Calm	----	Calm	----	SE	1	SE	2	SE	2	Calm	----	2	------	S.-Cu.	3	------	Cu.
20	Calm	----	NW	0	ESE	1	SSE	2	SSE	2	ENE	1	2	------	S.-Cu.	3	------	Cu.
21	Calm	----	Calm	----	SSE	1	SSE	2	EbyN	2	SE	1	4	------	Cu.	6	------	Cu. E
22	WSW	0	Calm	----	E	1	SSE	2	SE	2	SE	0	3	------	Cu.	3	Ci. S	Cu.
23	Calm	----	NW	1	E	0	SE	2	NW	1	Calm	----	4	------	Cu.	4	------	Cu. NE
24	Calm	----	WNW	1	SSE	1	NNW	1	NW	1	NNW	0	8	Ci.-S. SW	S.-Cu.	8	Ci. SW	Cu. NE
25	NW	0	NNW	0	NW	2	NNW	2	NNW	1	NNW	0	7	ci.,ci.-s.sw	S.-Cu.	9	Ci.	Cu.-N. N
26	WNW	0	NW	2	NNW	1	NW	2	WNW	3	WNW	2	9	Ci. W	Cu.-N. NW	10	------	N. NW
27	WNW	4	NNW	3	NW	3	W	2	WNW	1	WNW	2	9	------	Cu.-N. NW	10	------	cu.-N. NW
28	NW	3	NW	1	NW	3	NW	3	NNW	0	W	0	8	Ci. SW	Cu. NW	9	------	cu.-N. NW
29	W	0	WNW	0	WNW	2	WNW	3	WNW	3	WNW	2	8	Ci. W	Cu. NW	7	Ci. WSW	Cu. WNW
30	WNW	1	WNW	1	WNW	2	WNW	3	NW	1	Calm	----	9	------	cu.-N. WNW	8	Ci. S	Cu. W
31	WSW	4	SW	2	SSW	2	SSW	2	WSW	1	Calm	----	10	------	N. WSW	9	------	Cu. SW
Mean	------	0.5	------	0.7	------	1.3	------	1.9	------	1.3	------	0.5	6.3	------	------	6.7	------	------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.83	56.65	57.79	56.95	57.57	59.35	57.36	25.8	26.4	30.7	29	28.1	23.2	27.2	31.5	23	85	81	70	79	80	97	82	13
2	58.13	58.50	59.49	57.49	57.82	59.47	58.48	23.7	25	29.5	30.2	27.9	27.2	27.2	31	23.2	97	95	78	73	86	90	86.6	------
3	57.62	58.71	59.62	57.55	58.35	59.85	58.62	26.8	26.4	28.8	31.5	26.7	26.3	27.8	31.9	25.6	90	92	83	72	90	93	86.7	------
4	58.24	58.93	59.35	57.57	58.41	60.37	58.81	25.5	25.5	30.7	29	27.6	27.5	27.6	31.8	24.6	96	96	74	81	87	88	87	------
5	59	59.51	60.53	58.75	59.50	61.14	59.74	27.2	25.2	30.6	31.6	27.8	27	28.2	32.2	24.4	82	95	68	68	86	90	81.5	.5
6	60.11	60.96	61.34	59.21	60.10	61.21	60.49	26.9	26.5	30.8	31.6	27.8	26.6	28.4	32.5	25.8	89	91	72	65	79	87	80.5	2
7	59.92	60.62	60.51	58.34	58.54	60.46	59.73	24.5	25.4	27.2	31.6	28.5	25.5	27.1	32.5	24.2	96	94	84	66	81	92	85.5	------
8	59.04	59.68	59.61	58.44	58.46	59.72	59.16	25.3	25.4	30	29.5	27.8	25.4	27.2	32.7	24.1	93	93	70	75	84	93	84.7	------
9	58.94	59.56	59.58	58	58.39	60.24	59.12	24.8	25.6	30.8	31.3	27.8	27	27.9	32	24.4	96	95	68	67	79	85	81.7	------
10	59.36	60.01	60.43	58.84	59.04	60.61	59.72	25.7	25.7	30.7	31.7	28.2	27.2	28.2	32.5	24.6	93	94	69	62	80	83	80.2	1
11	59.80	60.16	60.01	58.40	58.77	60.06	59.53	26.3	25.5	30.9	31.7	28	26.4	28.1	32.1	24.6	90	96	69	68	81	85	81.5	------
12	59.25	59.64	59.46	57.85	57.97	59.35	58.92	25.3	25.1	30.8	31.9	28.1	27.1	28	32.4	23.8	93	95	67	61	79	85	80	------
13	58.85	59.31	59.36	57.38	57.95	59.70	58.76	25.8	25.3	31	32.2	28.5	27	28.3	33.1	24	90	94	69	57	78	84	78.7	------
14	58.93	59.56	59.54	57.49	58.48	60.12	59.02	25.7	25	31.5	32.7	26.7	26	27.9	33.2	24.6	90	96	66	62	89	92	82.5	9.4
15	58.47	59.07	59	56.95	57.23	59.30	58.34	25.4	25.6	29.8	31.1	27.6	26.2	27.6	33	24.8	92	95	70	69	84	94	84	7.6
16	57.86	58.33	58.12	56.07	56.77	58.04	57.53	25.8	25.5	30.4	27.3	26.9	25.4	26.9	33.3	24.8	94	96	70	90	90	96	89.3	20.3
17	56.43	56.79	57.17	56.07	55.87	56.02	56.39	25.5	25	28.5	26	25.8	25.5	26	29	24.3	93	95	77	87	89	92	88.8	35.1
18	53.40	51.66	51.08	52.17	54.35	56.19	53.14	25.3	24.5	24.2	24.7	24.5	25.8	24.8	26.8?	23.2	88	92	94	88	92	82	89.3	99.2
19	55.87	56.52	57.52	56.77	57.25	59.06	57.16	25.6	25.8	29.6	28.5	27.3	25.1	27	30.6	24	85	84	70	81	84	91	82.5	------
20	57.85	58.13	58.60	57.42	58.31	59.98	58.38	25	24.8	30.2	31.6	27.8	25	27.4	32.4	23.8	90	92	77	62	79	96	82.7	------
21	58.93	59.40	59.21	57.63	59.02	60.45	59.11	25.2	25.6	29.8	31.6	25.5	24.5	27	32.8	23.7	94	84	78	66	93	96	85.2	4.3
22	59.35	59.62	59.89	57.94	58.65	59.43	59.15	24.5	24.8	29.9	30	27.1	26	27	31.4	23.9	97	97	72	74	83	88	85.2	------
23	58.67	58.99	59.56	57.94	57.98	59.28	58.74	25.6	25.3	30.5	29.6	26	24.5	26.9	32.6	24.2	93	95	72	79	90	96	87.5	32.3
24	58.19	58.11	58.92	57.34	57.05	58.28	57.98	24.8	24.8	28.2	25.7	27	25.6	26	30.8	24.4	97	97	83	90	86	92	90.8	.5
25	56.93	57.44	58.36	56.66	57.14	58.33	57.48	24.7	24.7	27.8	29.6	26	25.5	26.4	30	24	97	97	86	72	84	92	88	1.8
26	57.08	57.70	57.34	56.32	56.52	57.53	57.08	25.3	25	27.2	28.4	26.7	26	26.4	28.7	24.4	93	96	87	80	86	92	89	.3
27	56.33	56.29	56.70	55.94	55.66	55.89	56.14	26.2	26.2	27.8	28 ?	27	26.4	26.9	28.4	24.6	86	87	79	77	81	89	83.2	------
28	55.47	55.86	55.67	54.70	55.29	56.56	55.59	24.6	24.3	30.3	31	28.4	26	27.4	32.6	23.3	95	96	66	62	77	89	80.8	------
29	55.84	56.39	56.97	55.33	56.60	57.64	56.46	25.3	26.1	31	32.4	28.5	25.4	28.1	33.5	24.4	89	84	65	61	75	90	77.3	2.8
30	57.34	56.77	56.93	55.84	56.81	58.09	56.96	24.7	24.7	29	29.6	24	24.5	26.1	31.8	23.4	94	96	75	75	96	96	88.7	56.9
Mean	57.90	58.30	58.59	57.11	57.66	59.06	58.10	25.4	25.4	29.6	30	27.2	25.9	27.2	31.6	24.2	91.9	93	74.3	72.3	84.3	90.5	84.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	287

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	SSW	1	S	1	SSE	2	SSE	2	SE	3	SSE	4
2	SSE	2	SSE	1	SSE	1	SSE	2	SSE	2	SSE	2
3	SSE	2	Calm	----	SSE	1	SSE	1	Calm	----	Calm	----
4	Calm	----	Calm	----	SSE	2	SSE	1	SSE	2	SSE	2
5	SE	1	Calm	----	SSE	2	SSE	2	SSE	2	SE	1
6	SE	1	Calm	----	SSE	2	SSE	2	SSE	2	SSE	1
7	Calm	----	Calm	----	NW	1	SSE	2	SE	2	Calm	----
8	NW	1	Calm	----	SSE	1	ESE	2	ESE	2	ESE	1
9	NW	1	NW	1	SSE	2	SSE	2	SSE	1	SE	1
10	Calm	----	Calm	----	SSE	1	SSE	2	SSE	1	SE	1
11	SSE	1	Calm	----	SE	1	SE	2	SE	1	SE	0
12	Calm	----	Calm	----	SSE	2	SSE	2	SSE	2	SE	0
13	Calm	----	Calm	----	SSE	1	S	2	SSE	2	SSE	1
14	Calm	----	NW	0	SSE	1	SSE	2	WNW	1	NW	0
15	NW	0	NW	1	E	1	SSE	2	WNW	0	NW	1
16	Calm	----	WNW	1	EbyN	2	WNW	0	SSE	0	NW	0
17	Calm	----	WNW	1	NW	1	NW	3	NW	2	NW	3
18	W	3	W	5	WSW	9	SSW	4	SSW	2	SSW	1
19	SSE	2	SSE	1	SSE	1	SSE	1	Calm	----	SSE	0
20	Calm	----	Calm	----	SSE	1	SSE	1	SSE	0	Calm	----
21	Calm	----	Calm	----	SE	2	ESE	0	Calm	----	Calm	----
22	NW	0	Calm	----	N	1	E	1	NW	1	NW	0
23	Calm	----	NW	1	NW	1	WNW	1	NW	0	NW	0
24	NW	0	Calm	----	WNW	0	NW	1	Calm	----	NE	0
25	NW	0	Calm	----	NW	1	WNW	2	NW	0	Calm	----
26	NW	1	Calm	----	NW	1	WNW	1	NW	0	Calm	----
27	W	2	NW	2	WNW	2	WNW	3	W	1	Calm	----
28	Calm	----	Calm	----	W	1	SW	2	SW	1	Calm	----
29	SSE	2	Calm	----	W	1	S	2	S	1	SW	2
30	SSE	1	Calm	----	SSE	1	N	0	SW	2	SW	0
Mean	-------	0.7	-------	0.5	-------	1.5	-------	1.7	-------	1.1	-------	0.7

Day.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
	0–10			*0–10*		
1	9	------------	Cu.-N. SW	9	Ci.	Cu.-N. S
2	8	------------	Cu.-N. SE	8	Ci. NW	Cu. SSE
3	8	------------	Cu.-N. S	8	Ci.-Cu. NW	Cu. SE
4	8	Ci. SW	S.-Cu.	8	------------	Cu.-N. SE
5	7	Ci. NW	Cu. SE	5	Ci. NW	Cu. SE
6	9	------------	Cu.-N. SE	7	Ci.-S. NW	Cu. SE
7	7	Ci.-S. NW	S.-Cu.	7	Ci.-S. NW	Cu. SE
8	8	Ci.-Cu. NW	S.-Cu.	8	------------	Cu.-N. E
9	3	------------	Cu.	3	------------	Cu.
10	7	Ci. W	Cu. ESE	7	Ci. W	Cu.
11	2	------------	Cu. E	3	------------	Fr.-Cu. ESE
12	2	------------	S.-Cu.	4	------------	Cu. ESE
13	3	------------	Cu.	3	------------	Cu. ESE
14	6	Ci.-S. W	Cu.	4	------------	Cu.
15	4	------------	Cu. E	7	------------	Cu. E
16	8	Ci. NW	Cu. E	8	------------	Cu.-N. NE
17	8	Ci. NW	Cu.	9	------------	Cu.-N. NE
18	10	------------	N. NW	10	------------	N. SSW
19	8	Ci. N	S.-Cu.	8	------------	Cu.-N. S
20	8	Ci. NNW	S.-Cu.	8	Ci. N	Cu. SW
21	8	Ci.	Cu. SE	8	Ci. NNW	Cu. SSW
22	8	Ci. N	S.-Cu.	8	Ci. WSW	Cu. N
23	4	Ci.-Cu. SW	S.-Cu.	9	Ci.	Cu. NE
24	9	Ci.	Cu.-N. NE	10	------------	Cu.-N. NE
25	9	------------	Cu.-N. NE	8	Ci. SW	Cu. NE
26	10	------------	Cu.-N. N	9	------------	Cu.-N. NW
27	8	Ci.	Cu.-N. NW	9	Ci.	Cu.-N. W
28	8	Ci., Ci.-Cu. ENE	Cu. WSW	8	Ci. ENE	Cu. WSW
29	8	Ci.	Cu.-N. WSW	7	Ci. E	Cu. SW
30	9	------------	Cu.-N. SW	7	------------	Cu. SW
Mean	7.1	------------	------------	7.2	------------	------------

TACLOBAN.[a]

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	56.35	55.24	56	54.95	55.12	56.08	55.62	24.8	25.4	30.5	29.9	27	27.5	27.5	32.6	24.1	85	77	62	68	77	72	73.5	5.4
12	55.71	55.43	56.30	54.45	55.42	56.60	55.65	26.7	26.1	30.5	31.3	28.7	28.1	28.6	32.3	23.7	77	74	67	60	67	70	69.2	-----
13	56.81	56.92	57.15	55.93	55.93	58.07	56.80	27.2	26.3	31.5	30.5	28.5	26	28.3	33.5	25.2	75	79	65	62	78	87	74.3	-----
14	58.18	57.94	57.88	56.96	57.57	58.59	57.85	25.8	24.8	31	29.8	28.1	25.9	27.6	32.5	24.1	87	85	69	77	82	88	81.3	-----
15	58.69	58.77	58.78	56.97	57.82	58.79	58.30	24.8	25.1	31.3	27.4	27.1	25.5	26.9	32.5	24.2	93	91	69	76	88	91	84.7	1.8
16	58.38	58.03	58.27	57.06	57.54	58.79	58.01	24.7	25.1	29.3	24.2	25.6	24.2	25.5	32	23.4	92	87	72	93	87	98	88.2	7.9
17	58.55	58.50	58.80	56.95	58.12	59.08	58.33	24.4	24.9	29.2	31.9	26.5	25	27	32.5	23.2	98	96	76	61	86	92	84.8	-----
18	59.06	58.59	59.15	56.90	57.61	58.79	58.35	23.9	24.2	29.4	33	28.4	26.8	27.6	33.4	22.7	96	96	74	62	80	81	81.5	-----
19	57.97	58.04	58.92	57.05	57.50	58.47	57.99	24.8	23.9	30.5	28.7	27.8	26.3	27	31.7	22.9	93	97	72	75	88	90	85.8	9.7
20	57.99	57.86	58.41	56.42	56.34	57.67	57.45	25.2	25.2	30.7	31.6	28.5	26.3	27.9	32.7	23.4	97	95	65	60	71	82	78.3	-----
21	57.38	57.52	57.87	55.56	56.15	57.47	56.99	25	27	31.3	32.7	29.6	27.8	28.9	34.1	24.1	83	71	62	57	64	74	68.5	-----
22	57.36	58.02	58.69	56.91	57.71	59.15	57.97	27.2	25.6	30.6	33.4	29.6	27.8	29	34.1	24.7	76	87	62	53	67	74	69.8	-----
23	59.07	59.38	59.40	58.22	58.75	59.79	59.10	24.6	24.1	31.6	32	28.5	27.7	28.1	33.2	22.4	95	97	68	64	77	80	80.2	-----
24	59.71	59.65	59.80	58.26	58.64	60.27	59.39	25.8	25.1	30.7	30.6	28.6	26.3	27.8	33.2	23.9	93	98	70	65	71	82	79.8	-----
25	59.57	59.19	59.10	57.44	57.40	58.60	58.55	24.4	23.8	31.4	33.4	29	26.2	28	34.9	22.3	93	96	66	49	71	87	77	-----
26	58.07	57.98	57.77	55.70	55.89	57.47	57.15	25.3	25.1	32.9	34.1	30.4	28.5	29.4	35.8	23.5	87	87	50	46	60	67	66.2	-----
27	57.10	57.23	57.18	55.82	56.26	58.38	57	27.6	27.8	32.9	34.2	30.2	27	30	35.2	26.2	70	66	51	46	58	75	61	-----
28	58.18	58.74	58.95	57.01	58.01	59.25	58.36	26.9	25.4	33.6	34.6	30.1	26.7	29.6	36.1	24.6	75	84	53	45	64	83	67.3	-----
29	59.28	59.33	59.33	57.73	58.60	59.87	59.02	27.5	27.5	33.5	33.5	29.5	26.6	29.7	36	25.5	74	73	52	46	66	84	65.8	-----
30	59.26	59.02	59.59	57.28	57.85	58.99	58.66	25.1	25.5	31.1	34.2	30.2	26.8	28.8	35.7	23.1	94	91	64	45	63	82	73.2	-----
31	58.49	57.55	57.85	56.69	57.25	58.17	57.67	25.2	26	31.8	33.2	28.4	25.8	28.4	35.1	24	90	84	64	55	72	85	75	-----
Mean	58.15	58.04	58.34	56.68	57.21	58.49	57.82	25.6	25.4	31.2	31.6	28.6	26.6	28.2	33.8	23.9	86.8	86.2	64.4	60.2	73.2	82.1	75.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	24.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	WbyS	1	SW	2	W	1	SSW	2	W	1	W	2	8	Ci.	Cu.	9	Ci.-S.	Cu.-N. W
12	WNW	1	WSW	1	SSW	1	SW	2	SW	1	SSW	1	10	Ci.-S.	Cu.-N. W	7	A.-Cu. W	Cu. WSW
13	S	1	S	1	SbyE	2	SW	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. sw
14	SW	1	Calm	----	SSE	2	SE	2	Calm	----	Calm	----	5	Ci.	S.-Cu.	7	Ci.-S.	Cu. SSW
15	Calm	----	NW	1	SE	1	Calm	----	Calm	----	Calm	----	4	Ci.	Fr.-Cu. NW	7	Ci.-S.	Fr.-N. WNW
16	W	1	NW	2	NW	3	NW	2	Calm	----	N	1	3	Ci.	Cu.	9	Ci.-S.	N.
17	NW	1	Calm	----	NW	1	WNW	3	Calm	----	Calm	----	3	Ci.	Fr.-Cu. NW	6	Ci.	Cu.-N. NW
18	NE	1	Calm	----	ESE	1	SSE	1	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.-S.	Cu. ESE
19	Calm	----	Calm	----	ESE	1	E	1	Calm	----	WNW	1	3	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. S
20	Calm	----	Calm	----	W	1	WSW	1	Calm	----	W	1	6	Ci.-S.	Fr.-Cu. NW	7	Ci.-S.	Cu.-N. wbys
21	SW	2	swbys	1	SSW	2	SSW	2	SW	2	SW	2	5	Ci.-S.	S.-Cu. SW	6	Ci.	Cu. SW
22	WSW	1	Calm	----	SW	1	WSW	1	SW	1	W	2	7	Ci.	Fr.-Cu. W	5	Ci.-S.	Fr.-Cu. W
23	W	1	Calm	----	SE	2	ESE	2	Calm	----	Calm	----	3	Ci.	Fr.-Cu.	5	Ci.-S.	Cu.-N. ssw
24	Calm	----	Calm	----	ESE	1	Calm	----	Calm	----	W	1	4	Ci.	Cu. W	8	Ci.-S.	Cu.-N. W
25	Calm	----	Calm	----	Calm	----	W	2	Calm	----	Calm	----	5	Ci.	Cu.	5	Ci.	Cu. WNW
26	WSW	1	Calm	----	SW	3	WSW	2	SW	1	WSW	2	4	Ci.	Cu. W	5	Ci.	Cu. W
27	SW	1	SW	2	SSW	2	SW	3	SW	1	SSW	1	3	Ci.-Cu.	Cu. SW	5	Ci.	Cu. SSW
28	Calm	----	Calm	----	SW	3	SSW	3	Calm	----	Calm	----	4	Ci.	Cu.	3	Ci.	Cu. SW
29	SW	3	SW	1	WSW	1	WNW	3	Calm	----	W	2	2	Ci.	Cu. WSW	5	Ci.	Cu.-N. W
30	Calm	----	Calm	----	Calm	----	W	2	Calm	----	Calm	----	8	A.-Cu.	Cu.	3	Ci.	Fr.-Cu. WNW
31	Calm	----	Calm	----	Calm	----	WbyS	1	Calm	----	Calm	----	4	Ci.-S.	Cu. WNW	8	Ci.-S.	Cu.-N. W
Mean	-------	0.8	-------	0.5	-------	1.4	-------	1.7	-------	0.3	-------	0.8	4.9	-------	-------	6.1	-------	-------

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[a] 21 days of observation.

TACLOBAN.

[$\phi = 11° 15'$ N; $\lambda = 125° 00'$ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.19	56.64	57.07	55.13	55.81	56.56	56.40	24.7	25.7	33.3	32.3	29.1	28	28.8	35.1	23.6	90	80	57	55	74	76	72	-----
2	56.38	56.26	56.45	54.87	55.28	56.36	55.93	25.2	26.1	32.9	32.6	29.8	26	28.8	34.3	24.1	92	83	50	55	67	90	72.8	-----
3	55.85	55.90	55.93	54.23	54.91	56.10	55.49	28.5	27.7	29	32.4	29	28.9	29.2	34	26	71	75	74	54	71	71	69.3	-----
4	55.70	55.88	56.16	54.60	54.95	56.01	55.55	27.5	26.8	30.8	34.4	29.5	28.2	29.5	35.2	25.7	78	84	64	51	65	71	68.8	0.3
5	55.95	55.93	55.92	53.86	54.60	56.17	55.40	26.8	25.7	32	33.6	29.7	27	29.1	34.1	25.4	78	84	59	53	67	81	70.3	2.5
6	55.79	55.98	55.75	54.13	54.91	55.80	55.39	26.2	24.2	32.6	34.2	30.5	28.5	29.4	35.7	23.5	82	95	53	50	62	73	69.2	-----
7	55.60	55.37	56.48	54.40	55.94	56.59	55.73	27.6	26.4	30.6	31.7	25.8	24.4	27.8	32.7	24.1	76	82	60	59	84	92	75.5	8.1
8	56.29	56.47	56.44	56.21	56.26	57.29	56.49	24.3	26	30.8	24	24.9	24.7	25.8	32.2	23.4	96	90	64	90	89	92	86.8	17.3
9	56.85	56.30	56.60	55.05	56.57	57.57	56.49	24.9	25.3	32.2	32.3	26	25.7	27.7	34.2	23.5	92	92	60	61	89	89	80.5	2.3
10	57.06	57.43	57.75	56.48	56.99	58.28	57.33	24.8	25	31.9	32.1	28.8	27.6	28.4	34.2	23.2	95	95	68	60	72	79	78.2	-----
11	58.07	58.05	58.54	56.86	57.74	59.03	58.05	26.3	26	31	32.7	29.6	26.8	28.7	34	24.9	86	89	63	54	71	87	75	-----
12	58.29	57.97	58.23	56.44	57.55	58.48	57.83	26.6	25.3	31.3	30.9	28	26.2	28	33.5	24.5	88	96	64	67	77	85	79.5	.5
13	58.09	58.38	58.58	57.04	57.66	59.08	58.14	26.1	24.4	30.3	30.3	27.3	25.1	27.2	32.6	23.9	83	91	64	71	78	91	79.7	2
14	58.81	58.92	59.26	57.65	58.41	60.08	58.86	24	23.6	30.7	30.9	28.5	25.9	27.3	32.3	23.2	95	97	69	66	68	85	80	-----
15	59.36	59.82	60.03	57.94	58.10	59.36	59.10	24.6	24.7	30.7	29.6	28.8	25.4	27.3	33.2	23	94	96	74	74	76	95	84.8	-----
16	59.16	59.02	59.35	56.97	57.50	58.85	58.48	24.6	23.5	31.4	32.7	27.7	25.7	27.6	33.9	22.9	95	96	68	60	84	94	82.8	-----
17	58.27	58.18	58.55	56.41	57.17	59.08	57.94	25.3	25.2	30.6	32.2	28.2	26.1	27.9	34.3	24.6	94	96	73	62	81	94	83.3	-----
18	58.96	58.90	59.56	57.37	58.49	60.06	58.89	25.6	25.2	30.6	33.3	26.2	25.3	27.7	34.2	24.6	97	99	78	62	84	89	84.8	-----
19	59.55	59.64	60.63	58.34	59.11	60.18	59.58	25.2	25.4	29.8	31.7	28.7	25.6	27.7	33.7	24.4	93	95	77	62	79	95	83.5	.5
20	60	59.63	60.35	59.21	58.76	59.77	59.62	25.3	25.4	31	24	24.8	24.8	25.9	34.4	23.4	96	97	67	90	92	93	89.2	2.8
21	59.59	58.90	59.96	57.50	57.72	58.35	58.67	24.2	25	26.6	28.8	27.7	26.2	26.4	29.7	23.2	98	97	90	76	81	87	88.2	3.3
22	57.93	57.89	58.36	55.98	57.32	58.37	57.64	24.6	24.4	29.8	30.9	26.1	24.8	26.8	32.7	23.7	96	97	71	67	86	93	85	25.9
23	57.65	56.82	57.62	55.86	56.72	57.99	57.11	25.5	25.5	29.9	28.8	27.4	26	27.2	32.5	24.2	89	91	73	86	81	89	84.8	2.5
24	57.49	57.42	57.71	55.93	57.53	58.67	57.46	25.4	25.4	31.2	30.9	27.6	25.8	27.7	33.3	23.8	92	93	67	71	87	93	83.8	.5
25	57.97	58.05	58.20	56.86	57.38	58.85	57.88	25	24.8	31.4	26.5	26.7	25.7	26.7	32.3	23.9	98	97	71	89	94	93	90.3	39.9
26	58.08	58.14	58.57	57.02	57.59	58.28	57.95	23.8	24.5	30	25.6	25.7	24.9	25.8	31.6	23.3	97	94	74	95	95	98	92.2	37.1
27	58.18	58.14	58.77	56.34	57.86	59.16	58.08	24	24.4	29.7	32.1	27.7	25.9	27.3	32.8	22.6	98	98	69	62	82	85	82.3	-----
28	58.37	58.63	59.29	56.81	58.27	59.18	58.42	25.8	26.6	31.3	33.3	28.7	25.5	28.5	34.7	24.6	85	83	71	57	81	92	78.2	-----
29	58.77	58.79	59.16	57.43	58.58	59.57	58.72	24.5	24.5	30.8	31.7	28.8	26.2	27.8	32.7	23.5	97	98	73	69	80	94	85.2	-----
30	58.90	59.15	59.70	58.09	58.97	60.27	59.18	25.8	24.9	31.2	27.7	27.8	25.4	27.1	33.3	24.4	93	98	76	79	81	97	87.3	-----
Mean	57.80	57.75	58.17	56.37	57.16	58.31	57.59	25.4	25.3	30.8	30.8	27.8	26.1	27.7	33.4	24	90.5	91.9	68	66.9	79.3	88.1	80.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	145.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	SW	1	Calm	----	WSW	1	WNW	2	Calm	----	Calm	----	4	Ci.-S.	Fr.-Cu. W	8	Ci.-S.	Cu.-N. W
2	WSW	1	Calm	----	SW	2	WSW	2	Calm	----	Calm	----	7	A.-Cu.	S.-Cu. SW	9	Ci.-S.	Fr.-Cu. SW
3	Calm	----	Calm	----	Calm	----	W	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N. WSW	7	Ci.-S.	Cu.-N. WNW
4	Calm	----	Calm	----	SW	2	SW	2	SW	1	SW	1	9	Ci.-S.	Fr.-N. W	7	Ci.-S.	Cu.-N. WSW
5	Calm	----	Calm	----	SW	2	WSW	2	Calm	----	Calm	----	4	Ci.	S.-Cu. WSW	7	Ci.-S.	Cu.-N. W
6	SW	1	Calm	----	S	3	SW	3	SW	2	SW	1	5	Ci.-S.	S.-Cu. WSW	7	Ci.	Cu.-N. WSW
7	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	4	Ci.	Fr.-Cu. SW	9	Ci.-S.	Cu.-N. WSW
8	Calm	----	Calm	----	S	1	W	3	Calm	----	W	1	8	Ci.-S.	N.-cf. WSW	10	----------	N.
9	Calm	----	Calm	----	SW	1	WSW	2	Calm	----	Calm	----	5	A.-Cu. W	Cu. SW	7	Ci.-S.	Cu.-N. W
10	W	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	Ci.	S.-Cu. WSW	8	Ci.-S.	Cu.-N. W
11	Calm	----	Calm	----	Calm	----	WNW	3	WNW	1	W	1	9	Ci.-S.	Fr.-N. WNW	6	Ci.-S.	Cu.-N. W
12	Calm	----	Calm	----	Calm	----	NW	2	Calm	----	Calm	----	8	A.-Cu. N	S.-Cu. WNW	7	Ci.	Cu.-N. W
13	Calm	----	Calm	----	SE	1	SE	1	WNW	1	Calm	----	8	Ci.-S.	Fr.-Cu. W	8	Ci.-S.	Cu.-N. WSW
14	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	4	Ci.-Cu.	S.-Cu. W	6	Ci.-S.	Cu.-N. W
15	Calm	----	Calm	----	SE	1	S	1	Calm	----	Calm	----	4	Ci.	S.-Cu. W	8	Ci.-S.	Cu.-N. WNW
16	Calm	----	Calm	----	ESE	1	SSE	2	Calm	----	W	1	2	Ci.	Cu.	6	Ci.-S.	Cu.-N. NW
17	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. S
18	WNW	1	Calm	----	ESE	1	SSE	1	Calm	----	Calm	----	7	Ci.	S.-Cu. WNW	7	Ci.-S.	Cu.-N. S
19	Calm	----	Calm	----	ESE	1	Calm	----	Calm	----	WSW	1	3	----------	S.-Cu.	8	Ci.-S.	Cu.-N. NW
20	Calm	----	W	1	WNW	1	SW	1	NW	1	WNW	1	2	Ci.	Cu.	9	Ci.-S.	Fr.-N. NW
21	Calm	----	Calm	----	Calm	----	NW	2	WNW	1	Calm	----	8	Ci.-S.	Cu. W	10	Ci.-S.	Cu.-N. WNW
22	NW	1	Calm	----	WNW	1	WNW	2	WNW	1	WNW	1	7	Ci.	Cu. WNW	8	Ci.-S.	Cu.-N. WNW
23	WNW	1	WNW	1	Calm	----	SE	1	WbyN	1	SW	1	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. WNW
24	Calm	----	Calm	----	SE	1	SE	1	Calm	----	S	1	4	Ci.	Fr.-Cu. WSW	8	Ci.-S.	Cu.-N. SW
25	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	7	Ci.	S.-Cu. S	8	Ci.-S.	Fr.-N. SW
26	Calm	----	Calm	----	E	1	Calm	----	Calm	----	Calm	----	5	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. W
27	Calm	----	Calm	----	SSW	2	SW	1	Calm	----	Calm	----	4	Ci.	Cu. W	7	Ci.	Cu. WSW
28	Calm	----	SW	1	ESE	2	SW	1	Calm	----	Calm	----	7	A.-Cu. NW	S.-Cu. WSW	7	Ci.	Cu.-N. WSW
29	Calm	----	Calm	----	SE	1	ESE	2	Calm	----	Calm	----	7	Ci.-S.	S.-Cu. SSW	4	Ci.	Fr.-Cu. S
30	Calm	----	Calm	----	ESE	1	WNW	1	Calm	----	Calm	----	4	Ci.	S. SE	7	Ci.-S.	Cu.-N.
Mean	-------	0.2	-------	0.1	-------	1	-------	1.4	-------	0.3	-------	0.3	5.7	----------	----------	7.5	----------	----------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.58	60.05	60.34	57.56	58.68	59.96	59.36	24.9	24.8	31.4	32	27.1	26.1	27.7	34.1	24	98	98	73	69	87	91	86	------
2	59.37	59.76	60.35	58.03	58.79	60.37	59.44	24.8	25	31.4	31.8	28.1	26.7	28	33.4	23.5	98	98	72	69	85	91	85.5	------
3	59.85	60.31	60.59	59.04	59.80	60.97	60.09	25.4	25.5	31	31.3	27.6	26.5	27.9	32.8	24.3	97	98	70	73	87	90	85.8	------
4	60.42	60.41	61.04	59	59.26	60.77	60.15	24.1	24	30.5	31	27.6	26.7	27.3	32.4	23	96	97	70	70	83	86	83.7	------
5	60.37	60.62	61.18	59.45	60.09	60.77	60.41	24.9	24.8	30.5	29	25.1	23.9	26.4	32.4	23.2	96	95	68	74	92	97	87	------
6	60.09	60.46	61.23	59.33	59.60	60.57	60.21	23.8	24	30.9	29.5	26.8	25.4	26.7	32.7	23	98	98	69	75	87	92	86.5	2.3
7	59.95	59.57	60.39	58.53	59.32	60.80	59.76	25	25.2	29.2	27	26	25.6	26.3	31.3	24.3	97	97	76	94	96	98	93	25.4
8	60.27	60.55	61.11	59.62	59.98	61.15	60.45	25.1	25.3	28.7	25.1	26.3	25.3	26	29.8	24.4	98	99	84	99	96	98	95.7	27.9
9	60.60	60.76	61.45	60.05	60.06	60.88	60.63	24.9	24.8	28.5	25	25.2	24.8	25.5	31	24	99	99	79	98	92	97	94	10.7
10	60.27	60.54	61.12	58.71	59.60	60.48	60.12	24.5	24.6	28.9	30.1	25.4	25.1	26.4	31.7	23.5	98	99	74	72	98	98	89.8	3.1
11	59.50	59.32	59.85	57.68	58.80	59.70	59.14	24.5	24.1	29.4	32	25.4	25	26.7	33	23.5	98	99	74	61	95	93	86.7	23.1
12	59.37	59.42	60.24	57.77	59.31	59.99	59.35	25.1	24.6	29.2	31	25.2	24.8	26.6	33	23	91	92	75	72	97	96	87.2	5.1
13	59.87	60.23	61.15	58.71	60.18	61.31	60.24	23.4	24	29.6	32.1	26	24.9	26.7	32.7	22.7	97	96	71	68	89	93	85.7	17.5
14	60.99	61.17	61.97	59.40	59.95	61.36	60.81	24.2	23.9	29.4	31.8	25.9	25.3	26.8	32.8	23.2	98	98	72	64	95	94	86.8	4.8
15	60.62	60.84	61.65	59.11	59.61	60.96	60.46	25	24.2	30.1	29.7	25.8	24.9	26.6	32.4	23.7	95	97	73	75	91	94	87.5	.3
16	60.27	60.77	61.50	59.71	60.12	61.10	60.58	24.2	24.1	29.7	27.7	25.5	24.8	26	31.3	23.2	97	98	76	90	93	95	91.5	.6
17	60.96	61.47	61.96	59.79	60.87	61.78	61.14	24	24.2	29.4	30	25.2	24.7	26.2	32.4	23	98	98	76	75	96	97	90	3.6
18	61.07	61.19	62.19	60.02	60.46	61.36	61.05	24.3	24.4	27.2	27.7	25.9	25.3	25.8	30.8	23.6	97	99	88	88	96	94	93.7	20.3
19	60.68	60.62	61.49	59.46	60	61.47	60.62	24.3	24.5	30.1	81	27.2	26.5	27.3	32.2	23.2	97	97	76	72	87	91	86.7	.8
20	60.66	61.35	62.36	60.32	60.94	62.12	61.29	25.9	24.3	28.9	30.8	26.7	25	26.9	31.7	23.2	93	99	76	71	90	95	87.3	1.5
21	61.74	61.82	62.54	61.17	61.50	62.16	61.82	23.8	24.2	30.5	26.2	25.5	24.1	25.7	32.3	23	98	99	73	96	96	97	93.2	.8
22	61.54	61.58	62.04	59.95	60.69	61.67	61.24	23.9	23.8	30	30.9	26.7	25.5	26.8	31.8	22.8	98	99	73	72	90	91	87.2	------
23	60.80	60.86	61.66	60.05	60.92	61.55	60.97	24.4	24.6	29.3	28.2	26.7	25	26.4	30.1	23.7	97	97	84	79	86	92	89.2	5.7
24	61.17	61.54	61.91	60.02	61.11	62.06	61.30	24.9	24.8	29.1	29.3	25.6	25.1	26.5	30.8	24	92	91	81	76	94	96	88.3	5.3
25	61.07	61.19	62.54	60.87	61.32	62.17	61.53	24.3	24	24.5	25.1	24.5	24.6	24.5	26.1	23.6	97	99	99	98	97	97	97.8	41.2
26	60.96	61.39	62.10	59.66	60.33	61.35	60.96	24.7	23.9	29	28.5	25.5	25	26.1	30.7	23.1	97	98	80	84	97	97	92.2	.5
27	60.54	60.83	61.97	59.33	60.40	61.58	60.78	24.9	24.4	29.3	30.4	27.2	25.8	27	31.9	23.8	98	97	72	66	75	84	82	------
28	60.97	61.57	62.45	60.08	60.76	62.05	61.31	23.9	23.2	30	30.7	27.6	26	26.9	31.8	21.8	97	100	73	74	77	85	84.3	------
29	61.27	61.43	62.11	59.65	60.55	61.45	61.08	23.9	24.7	30.7	30.7	26.6	24.3	26.8	32.3	22.9	99	98	71	72	85	96	86.8	.8
30	60.87	60.99	61.90	59.65	60.55	61.28	60.87	24.1	24.1	29.5	27.4	25.3	24.5	25.8	30.8	23.5	97	98	76	84	89	96	90	3.3
31	60.96	61.22	62.05	60.09	60.96	61.96	61.21	23.9	23.8	30.4	26.5	26	25.8	26.1	31.2	23.2	98	100	72	85	89	92	89.3	7.1
Mean	60.54	60.77	61.50	59.41	60.15	61.20	60.59	24.5	24.4	29.6	29.3	26.2	25.3	26.5	31.7	23.4	96.9	97.6	75.7	77.9	90.5	93.6	88.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	211.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	SE	2	Calm	----	Calm	----	1	------------	S.-Cu.	6	Ci.-S.	Cu.-N. S
2	Calm	----	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	1	------------	Fr.-Cu.	4	Ci.-S.	Cu.-N.
3	Calm	----	Calm	----	ESE	1	SE	2	SE	2	E	1	6	A.-Cu. NE	S.-Cu.	7	Ci.-S.	Cu.-N. S
4	Calm	----	Calm	----	S	1	SE	2	SE	1	Calm	----	4	Ci.	Fr.-Cu. E	7	Ci.-S.	Cu.-N. E
5	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	7	Ci.-Cu.	Cu. E	8	Ci.-S.	Fr.-N. SE
6	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	1	------------	Cu.	7	Ci.-S.	Cu.-N. ESE
7	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	NW	1	4	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. NE
8	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	7	Ci.-S.	Fr.-Cu. NE	8	Ci.-S.	Cu.-N. NE
9	W	1	Calm	----	WNW	1	NW	1	Calm	----	NW	1	6	Ci.-S.	Cu.-N. NE	10	------------	N.
10	Calm	----	Calm	----	NW	1	SE	1	Calm	----	Calm	----	7	Ci.-S.	S. NNW	6	Ci.-S.	Cu. NW
11	Calm	----	Calm	----	NW	1	NW	1	SE	1	Calm	----	5	Ci.	Cu. NW	6	Ci.-S.	Cu. NNW
12	Calm	----	NW	1	Calm	----	SE	1	Calm	----	NW	1	2	------------	S.-Cu.	5	A.-Cu.	Cu. N
13	Calm	----	Calm	----	NW	1	ESE	1	N	1	Calm	----	2	Ci.	S.-Cu.	4	Ci.	Cu. N
14	Calm	----	Calm	----	Calm	----	ESE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.	Cu.-N. ENE
15	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. ENE
16	Calm	----	Calm	----	W	1	Calm	----	Calm	----	NW	1	3	Ci.	S.-Cu.	9	Ci.-S.	N.
17	Calm	----	Calm	----	NW	1	S	1	WNW	1	Calm	----	2	------------	Cu.	7	Ci.-S.	Cu.-N. E
18	Calm	----	WNW	1	NW	1	SE	2	N	1	Calm	----	4	Ci.	S.-Cu. NNE	7	Ci.-S.	N. E
19	Calm	----	Calm	----	SE	1	SE	2	SE	1	S	1	3	------------	S.-Cu.	4	Ci.-S.	Fr.-Cu. SSE
20	Calm	----	S	1	SE	1	E	1	Calm	----	Calm	----	9	Ci.-S.	Fr.-N. SSW	4	Ci.-S.	Cu.-N. ESE
21	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	2	------------	Cu.	7	Ci.-S.	Fr.-Cu. SSW
22	Calm	----	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	1	------------	Cu.	4	Ci.-S.	Fr.-Cu. S
23	Calm	----	Calm	----	Calm	----	EbyN	1	Calm	----	NW	1	4	Ci.	S.-Cu. E	7	Ci.-S.	Fr.-N. E
24	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	7	Ci.-S.	S.-Cu. E	6	Ci.-S.	Fr.-Cu. ESE
25	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	10	------------	N.	10	Ci.-S.	Fr.-N. S
26	Calm	----	Calm	----	Calm	----	SSE	1	S	1	Calm	----	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu. E
27	Calm	----	NW	1	SE	1	SE	1	E	1	Calm	----	7	Ci.-S.	Fr.-Cu. E	7	Ci.-S.	Cu. E
28	Calm	----	Calm	----	Calm	----	SE	2	E	1	Calm	----	1	------------	Cu.	6	Ci.-S.	Cu.-N. E
29	Calm	----	Calm	----	ESE	1	Calm	----	E	1	Calm	----	3	------------	S.-Cu. E	5	Ci.	Cu.-N. E
30	Calm	----	NW	1	NW	1	E	1	Calm	----	SE	1	3	------------	S.-Cu.	9	Ci.-S.	Fr.-N. E
31	Calm	----	Calm	----	ESE	1	ESE	1	NW	1	Calm	----	3	Ci.	S.-Cu.	10	------------	N.
Mean	-------	0	-------	0.2	-------	0.5	-------	1.1	-------	0.4	-------	0.3	4.1	------------	------------	6.8	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.46	61.65	62.64	60.40	61.73	62.58	61.74	25.2	25.6	30.2	29.2	25.2	24.6	26.7	31.1	23.7	95	93	77	78	96	97	89.3	4.6
2	61.67	61.54	62.30	59.67	60.86	62.17	61.37	24.1	24.2	26.6	29.9	26.8	25.8	26.2	31.1	23.8	97	99	87	80	81	84	88	5.3
3	60.65	60.22	61.35	58.82	59.47	60.80	60.22	24.4	24.4	26.7	24.7	24.5	24.3	24.8	28.4	23.5	93	91	92	97	99	97	94.8	15.5
4	59.83	60.64	61.78	59.05	60.67	61.53	60.58	24.2	24.1	24.8	29	24.5	24	25.1	30.2	23.4	98	99	96	79	97	98	94.5	17.6
5	59.82	61.07	61.64	59.46	60.02	61.27	60.55	24.1	23.5	29.9	30.1	26.9	25.4	26.6	31	22.9	99	99	76	74	89	97	89	------
6	59.78	60.23	60.69	58.63	59.12	60.35	59.80	24.6	24	30	30	27.2	23.8	26.6	31.3	23.4	98	98	74	74	84	95	87.2	------
7	59.44	60.11	60.29	58.16	58.62	60	59.44	23.9	24	30	30.6	27.6	25.5	26.9	32.6	22.8	97	98	75	74	83	88	85.8	------
8	58.97	59.76	60.35	58.25	58.87	60.09	59.38	24.4	25	30.5	30.8	28	26.1	27.5	32.4	23.6	97	95	71	73	80	88	84	------
9	59.05	59.66	60.29	58.21	59.55	60.46	59.54	24.5	24.5	30.1	29	26.5	25.2	26.6	31.3	23.6	97	99	67	79	88	93	87.2	------
10	59.28	59.93	60.01	58.04	59.07	60	59.39	25.2	24.5	30.3	31	27.6	26.3	27.5	32	24	90	94	71	67	76	86	80.7	------
11	58.77	59.37	59.55	58.01	58.80	59.53	59	25.7	24.9	30.6	28	25.5	24.4	26.5	33.1	23.5	86	89	65	77	84	91	82	2.5
12	58.53	59.33	59.92	57.73	58.56	59.91	59	24.3	24	29.9	30.9	27.7	25.9	27.1	32.7	23.2	97	96	72	69	76	88	83	.1
13	58.66	59.49	60.37	58.37	59.43	60.45	59.46	25.1	25	27	28.2	26	24.8	26	31.4	24.1	95	92	87	80	92	95	90.2	8.8
14	59.31	60.11	60.57	58.01	59.23	60.62	59.64	24.5	24.5	30.4	30.5	25.5	25.4	26.8	32.3	23.5	96	96	70	72	91	92	86.2	11
15	58.74	59.27	60.04	57.75	58.90	60.28	59.16	24.5	24.5	30	31.1	27.5	25.6	27.2	31.8	23.5	97	96	70	66	76	87	82	------
16	58.69	59.22	59.64	57.03	58.11	59.26	58.66	23.2	24.2	30	30.6	27.5	25.4	26.8	31.5	23	94	95	77	65	77	90	83	------
17	58.34	58.87	59.65	57.76	58.49	59.80	58.82	25	25	30	26.4	26	25.1	26.2	31	24	93	87	71	84	87	92	85.7	9.2
18	58.60	59.22	60.26	57.89	59.10	60.43	59.25	23.5	23	30	30.5	27.4	25.4	26.6	31.9	22.5	94	96	71	72	81	93	84.5	------
19	59.33	60.01	60.61	59.14	59.93	60.98	60	24.9	24.4	30.6	28.3	25.7	25	26.5	33.1	23.5	96	97	70	79	91	92	87.5	12.2
20	59.89	60.42	61.22	59.03	59.72	61.12	60.23	23.7	24.5	29.4	30.8	27.3	25	26.8	31.7	23	96	96	76	70	86	92	86	------
21	60.10	60.54	61.12	58.89	59.63	61.05	60.22	25	24.5	30	30.8	27	25.6	27.2	33	23.6	93	96	73	73	86	91	85.3	1.5
22	59.90	60.51	61.17	58.93	59.87	60.95	60.22	25	25	30	30.9	27	25.5	27.2	32.7	24	92	93	75	69	80	88	82.8	4.5
23	60	60.53	61.09	59.10	59.65	60.34	60.12	25	24.2	31.3	32.9	27.6	26	27.8	33.6	23.6	92	95	66	59	76	88	79.3	1.5
24	59.02	60.21	60.87	58.42	59.20	60.60	59.72	25.5	25.4	27.5	27.2	24.9	25.3	26	30.9	24	91	93	85	86	94	95	90.7	4.3
25	59.22	59.19	59.89	58.16	59.47	60.46	59.40	25	24.5	29.4	30.4	26.8	26.3	27.1	32	24	97	96	79	74	83	90	86.5	14
26	58.09	58.12	59.35	58.53	60.15	61.30	59.26	26.4	25.5	26.2	26	25.6	25.9	25.9	28.2	23.5	86	91	90	89	87	88	88.5	7.5
27	59.98	60.61	61.24	58.93	60.24	61.36	60.39	24.6	24	30.4	30.2	27	25.2	26.9	31.5	23.5	95	97	72	77	87	94	87	3.7
28	59.88	60.92	61.04	58.14	58.90	59.72	59.77	24.5	25	29.2	28.8	26.8	25	26.6	32.4	23.6	94	92	74	73	81	92	84.3	------
29	58.42	59.32	60.45	58.76	59.60	60.75	59.55	24.2	24.5	26	26.5	27	25.5	25.6	30.8	23.5	94	96	89	88	83	92	90.3	7.5
30	59.30	59.72	61.16	58.72	59.60	60.66	59.86	24.6	24.4	26.2	28.9	27	25.5	26.1	29.6	23.4	97	97	87	80	78	89	88	5.7
Mean	59.42	59.99	60.68	58.53	59.49	60.63	59.79	24.6	24.5	29.1	29.4	26.6	25.3	26.6	31.6	23.5	94.5	95	76.8	75.9	85	91.4	86.4	------
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	137

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	2	SSE	1	Calm	----	Calm	----	7	Ci.	Cu.-N. SE	7	Ci.-S.	Cu.-N. SE
2	Calm	----	Calm	----	Calm	----	Calm	----	E	1	Calm	----	7	Ci.-S.	Fr.-N. ENE	4	Ci.-S.	Cu.-N. E
3	NW	1	NW	1	WNW	1	Calm	----	Calm	----	Calm	----	4	----	S.-Cu. E	10	----	N.
4	Calm	----	Calm	----	E	1	E	1	E	1	Calm	----	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
5	NNW	1	Calm	----	SE	1	SE	2	Calm	----	Calm	----	4	A.-Cu.	Cu.	6	Ci.	Cu.-N.
6	Calm	----	Calm	----	Calm	----	SE	2	S	1	Calm	----	4	Ci.-S. SW	Cu.	1	----	Cu.
7	Calm	----	NW	1	Calm	----	SSE	2	E	1	Calm	----	1	----	Cu.	2	----	Cu.
8	Calm	----	Calm	----	SE	1	SE	2	E	2	Calm	----	10	----	S.-Cu. E	8	Ci.	Cu.-N. ESE
9	Calm	----	NW	1	E	1	SSE	2	Calm	----	Calm	----	4	A.-Cu.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
10	NW	1	NW	1	ESE	1	SE	2	E	2	Calm	----	2	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N. E
11	NW	1	Calm	----	E	1	Calm	----	NW	1	Calm	----	1	----	Fr.-Cu. E	10	----	Cu.-N. E
12	Calm	----	WNW	1	Calm	----	SE	2	Calm	----	Calm	----	1	----	Cu.	2	Ci.	Cu.
13	Calm	----	NW	1	Calm	----	SE	1	Calm	----	Calm	----	10	A.-Cu.	S.-Cu. SE	9	Ci.-S.	Cu.-N.
14	Calm	----	WNW	1	Calm	----	SE	2	NW	1	WNW	1	4	Ci.	S.-Cu. ESE	8	Ci.	Cu.-N. SE
15	Calm	----	NW	1	SE	1	S	2	E	1	Calm	----	7	----	S.-Cu. E	3	Ci.	Cu.-N. ESE
16	Calm	----	WNW	1	Calm	----	SE	3	E	1	Calm	----	1	----	S.-Cu.	5	----	Cu.-N. E
17	NW	1	Calm	----	NW	2	W	1	Calm	----	Calm	----	10	Ci.-S.	S.-Cu. E	8	----	N. E
18	Calm	----	Calm	----	SE	1	SSE	2	NW	1	Calm	----	1	----	S.-Cu. E	2	----	Cu. E
19	NW	1	W	1	Calm	----	NW	1	WNW	1	Calm	----	1	----	Cu.	10	----	Cu.-N. E
20	Calm	----	Calm	----	SE	2	SE	2	S	1	Calm	----	4	Ci.	S.-Cu. E	5	Ci.	Cu. SE
21	NW	1	W	1	W	1	S	2	W	1	WNW	1	2	Ci.	Cu.	5	Ci.	Cu.-N. NE
22	WNW	1	WNW	1	Calm	----	E	2	E	2	Calm	----	6	A.-Cu.	N. E	5	Ci.	Cu.-N.ENE
23	Calm	----	Calm	----	E	2	ESE	2	E	2	Calm	----	6	Ci.-S.	Cu.	8	Ci.-S.	Cu. E
24	NW	1	NNW	2	NW	1	NW	2	Calm	----	NW	1	10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
25	Calm	----	W	1	WNW	1	SE	1	ESE	1	NW	2	10	Ci.-S.	S.-Cu. NE	9	Ci.	Cu.-N. NE
26	NNW	2	NW	3	ESE	3	ESE	4	E	3	Calm	----	10	----	N. NE	10	Ci.	N. ESE
27	Calm	----	Calm	----	S	1	SE	2	SE	1	Calm	----	6	Ci.-S.	Cu.	10	----	N. E
28	Calm	----	NW	1	Calm	----	E	2	E	1	WSW	1	10	----	N. E	10	----	S.-Cu. E
29	W	1	WNW	2	E	1	SE	2	Calm	----	Calm	----	10	----	S.-Cu.	10	----	N. E
30	Calm	----	WNW	1	E	1	SSE	1	E	2	Calm	----	5	Ci. NE	S.-Cu. E	10	Ci.-S.	Cu.-N. E
Mean	-------	0.4	-------	0.7	-------	0.9	-------	1.7	-------	0.9	-------	0.2	5.6	-------	-------	6.9	-------	-------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.71	60.22	60.46	58.61	59.62	60.96	59.93	24.9	24.4	29.8	32	27	25.5	27.3	32.5	23.4	94	95	73	66	80	88	82.7	-----
2	60.10	60.59	61.05	58.79	59.88	60.90	60.22	25	25.4	29.5	31	26.5	26	27.2	31.9	24.1	92	85	75	69	92	87	83.3	4
3	59.76	59.97	60.74	58.52	59.60	60.43	59.84	24	24.4	29	27.8	26	25.4	26.1	31.1	23.4	93	93	79	82	90	93	88.3	5.5
4	58.81	59.27	60.36	58.12	59.30	60.26	59.35	24.5	24.5	28.1	31.1	27.3	26.1	26.9	32.1	23.7	96	97	87	71	88	93	88.7	-----
5	58.92	59.22	60.17	58.21	59.40	60.08	59.33	25.9	25.1	30.8	27	25	25.4	26.5	31.1	24.4	89	94	73	88	93	95	88.7	54
6	59.65	60.27	60.55	58.23	59.57	60.42	59.78	24.5	25	29.2	30.6	26	26	26.9	31.7	23.8	96	97	79	74	94	89	88.2	8.4
7	59.52	59.96	60.52	58.29	59.41	60.25	59.66	25	24.5	29.5	29.8	26.3	25.4	26.8	32.5	23.7	95	96	77	75	86	92	86.8	10.6
8	59.03	59.53	60.02	57.75	58.69	59.90	59.15	24.4	24.5	29.6	31.5	27	25.4	27.1	32.4	23.6	93	89	75	64	77	88	81	8.2
9	59.03	59.32	60.02	58	58.95	60.13	59.24	24.5	24	29.1	31.4	27.3	25.5	27	32	23	94	93	74	66	78	88	82.2	4.9
10	59.37	59.58	59.91	58.06	59.22	59.70	59.31	24.6	25	27.4	29.9	26.8	25	26.4	31.5	23.5	97	92	81	65	80	92	84.5	32.8
11	58.52	59.44	59.97	58.23	58.55	59.62	59.06	25	24	27.1	27	25.6	25.5	25.7	30.1	23.1	97	91	88	84	92	92	90.7	8.4
12	58.37	59.27	61.02	58.06	59.51	60.47	59.45	24.8	24.3	26.5	30.6	26	25	26.2	31	23.5	95	97	92	71	92	95	90.3	2.6
13	59.71	60.27	61.47	58.95	59.95	61.07	60.24	24.2	24.5	28	30.2	26	25	26.3	31.5	22.1	94	89	82	62	80	83	81.7	1.3
14	59.98	60.77	61.49	58.99	60.30	61.30	60.47	23.6	23.8	30	30.5	25.6	25.6	26.5	32.4	22.5	91	93	66	65	87	84	81	.9
15	59.96	60.39	61.09	59.35	60.30	61.57	60.44	23	23	29.8	29.6	26.4	25.7	26.2	31	21.1	91	91	63	64	81	82	78.7	-----
16	60.23	61.72	63	60.72	61.15	62.32	61.52	24.8	24.9	25.4	27.5	26	24.5	25.5	28.3	23.4	92	88	90	81	85	92	88	.8
17	61.41	62.19	62.75	60.62	61.20	62.12	61.72	23.3	24.1	29.3	30.8	26.9	24.8	26.5	31.4	22.9	94	95	73	65	74	88	81.5	.6
18	60.87	61.53	62.55	59.76	60.43	61.32	61.08	24	23.6	28.6	28.6	27	25.2	26.2	30.3	22.9	93	93	73	72	78	83	82	-----
19	59.74	60.08	60.95	59.11	59.96	60.92	60.13	23.8	23.5	27.9	30	27.3	25.5	26.3	30.2	22.5	93	91	74	73	82	92	84.2	-----
20	59.08	59.66	60.46	58.09	59.15	59.82	59.38	25	25	28.4	29.2	26.5	26	26.7	30.3	24	92	92	79	79	94	95	88.5	10.4
21	59.08	59.85	60.84	58.28	59.71	60.56	59.72	24.9	25.6	29.5	29.5	27	25.6	27	30.7	24	96	95	77	75	84	91	86.3	.8
22	59.28	60.10	60.79	58.59	59.64	60.47	59.81	24.3	25	29.6	30.2	27.4	25	26.9	31	23.5	93	92	72	69	80	93	83.2	-----
23	59.52	60.49	61.58	59.64	60.45	61.90	60.60	23.5	23.5	28.6	30.2	27.5	25.3	26.4	31.6	22.6	96	94	75	67	78	89	83.2	.1
24	60.86	61.22	62.46	60.16	61.18	62.40	61.38	24.4	24	26.5	30.5	26.4	26.2	26.3	31.1	23.2	90	93	88	62	78	75	81	3.2
25	61.28	62.25	62.97	60.83	61.70	62.67	61.95	25.9	24.9	29.4	30.2	26.4	25	27	31.2	23.6	78	84	64	61	75	87	74.8	-----
26	61.47	62.27	63.16	60.52	61.60	62.32	61.89	24.6	24.7	27.6	28.6	25.4	25.4	26	30.3	23.3	87	87	76	78	88	88	84	2.5
27	61.40	62.57	63.52	60.79	61.30	62.31	61.98	24.6	23	28.6	30.8	26.7	23.6	26.2	31.6	22.2	87	91	69	54	73	90	77.3	.3
28	61.02	61.73	62.45	59.99	60.70	61.87	61.29	23.6	24.2	29.4	30.9	26.8	24	26.5	31.7	22.5	95	90	68	54	67	88	77	5.6
29	60.52	61.12	61.52	58.86	59.41	60.26	60.28	22.5	22	27	27	24.8	24.4	24.6	28.3	21.4	96	96	77	81	85	88	87.2	11.7
30	59.37	60.02	61.32	58.97	60.21	61.01	60.15	23.5	23.6	26.5	29.5	26.4	23.8	25.6	30	22.8	94	93	82	68	77	90	84	.2
31	60.23	61.32	61.80	59.90	60.88	61.60	60.96	23.5	23.5	28.3	30.6	26.5	25	26.2	31.9	22.5	91	94	72	65	80	83	80.8	-----
Mean	59.86	60.52	61.32	59.06	60.03	61	60.30	24.3	24.2	28.5	29.8	26.4	25.2	26.4	31.1	23.1	92.7	92.3	76.5	70	82.8	88.8	83.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	177.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	Calm	----	E	1	E	1	E	1	Calm	----	9	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N. E
2	WNW	2	Calm	----	NE	1	ESE	1	Calm	----	WNW	1	4	A.-Cu.	S.-Cu. E	10	Ci.	N. NE
3	W	1	WNW	1	W	1	Calm	----	Calm	----	NW	1	5	A.-Cu. ENE	Cu.-N.	10	Ci.	N. NE
4	WNW	1	W	1	Calm	----	SE	2	Calm	----	WNW	2	6	Ci.	S.-Cu. E	5	Ci.-S.	Cu.-N.
5	NW	1	Calm	----	E	1	WNW	1	SSE	1	NW	1	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
6	W	1	NW	1	Calm	----	SE	2	Calm	----	W	1	10	A.-Cu.	Cu.-N. E	10	------------	N. E
7	Calm	----	Calm	----	W	1	NNW	1	E	2	Calm	----	5	A.-Cu.	S.-Cu. E	5	------------	Cu.-N.
8	Calm	----	Calm	----	Calm	----	SE	2	E	1	NW	1	10	------------	N.	4	Ci.	Cu.-N. ENE
9	NW	2	NW	1	E	2	ESE	2	ESE	1	Calm	----	10	------------	N. E	8	Ci.	Cu.-N. ENE
10	Calm	----	NW	1	Calm	----	E	3	Calm	----	NW	1	10	------------	N. ENE	8	Ci.-S.	Cu. ENE
11	Calm	----	Calm	----	WNW	1	Calm	----	Calm	----	Calm	----	10	------------	Cu.-N. E	10	Ci.-S.	Cu.-N.
12	Calm	----	Calm	----	S	1	SE	2	Calm	----	Calm	----	8	Ci.-S.	S.-Cu. ESE	10	Ci.-S. SSE	Cu.-N. ESE
13	Calm	----	Calm	----	Calm	----	E	3	E	2	Calm	----	9	Ci.	S.-Cu.	3	Ci.	Cu. ENE
14	WNW	2	WNW	1	E	1	SSE	2	Calm	----	NW	1	1	Ci.	Cu.	3	Ci.	Cu. E
15	Calm	----	Calm	----	SE	2	SE	2	SE	1	Calm	----	1	Ci.	Fr.-Cu.	2	Ci.	Fr.-Cu.
16	Calm	----	WNW	2	NW	1	ENE	1	Calm	----	Calm	----	10	------------	S.-Cu.	10	------------	N. E
17	Calm	----	WNW	1	NE	1	E	1	E	1	NW	2	8	Ci.-S.	S.-Cu.	8	Ci.	S.-Cu. NE
18	NW	1	WNW	1	NNW	1	NW	3	WNW	2	NW	2	5	Ci.-S.	S.-Cu. NE	5	------------	S.-Cu. NE
19	Calm	----	WNW	1	NW	2	WNW	2	NW	2	WNW	1	8	Ci.-S.	S.-Cu.	10	Ci.	S.-Cu. NNE
20	WNW	2	WNW	1	WNW	2	WNW	1	WNW	1	Calm	----	10	------------	S.-Cu. NNE	10	Ci.	Cu.-N. NNE
21	Calm	----	ESE	2	ESE	2	SE	2	ESE	1	Calm	----	10	Ci.-S.	Cu.-N. SE	8	Ci.	Cu.-N. ESE
22	Calm	----	E	1	ESE	1	SSE	2	SSE	2	NW	1	7	Ci.	S.-Cu. E	2	Ci.	Fr.-Cu.
23	Calm	----	WNW	1	ESE	1	SE	2	E	2	Calm	----	1	Ci.-S.	Cu.	2	------------	Fr.-Cu.
24	WNW	1	WNW	2	Calm	----	ESE	2	E	1	E	2	10	Ci.-S.	S.-Cu. ENE	4	------------	Cu. E
25	ESE	2	E	1	ESE	3	SE	2	Calm	----	NW	1	1	------------	Cu.	1	------------	Fr.-Cu.
26	NW	1	NW	1	NW	1	NNW	1	Calm	----	Calm	----	10	------------	S.-Cu. E	10	A.-Cu.	Cu.-N. E
27	Calm	----	Calm	----	Calm	----	E	2	E	1	Calm	----	1	------------	Cu.	2	------------	Fr.-Cu. E
28	WNW	2	NW	2	ESE	1	E	2	ENE	1	E	2	10	Ci.-S.	S.-Cu. E	10	A.-Cu. ENE	S.-Cu. ENE
29	NW	2	WNW	2	WNW	2	NW	3	Calm	----	WNW	1	10	Ci.	S.-Cu. ENE	10	A.-Cu.	Cu.-N. NE
30	W	1	WNW	1	WNW	1	ESE	2	Calm	----	Calm	----	10	A.-Cu. E	S.-Cu. ENE	10	Ci.	Cu.-N. ENE
31	WNW	1	WNW	1	NW	1	ESE	2	E	2	WNW	1	6	Ci.	Cu.	7	Ci.-S.	Cu. ENE
Mean	-------	0.8	-------	0.8	-------	1	-------	1.7	-------	0.8	-------	0.7	7.3	------------	------------	6.8	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.98	63.76	64.22	61.85	62.56	63.63	63.17	23.7	23.3	24.9	26	24.6	24.8	24.6	28	23.1	94	96	95	87	92	93	92.8	6.2
2	62.17	62.71	63.46	61.42	62.21	63.78	62.62	24.7	24.2	27.3	28.4	25.5	25.4	25.9	29.5	23.6	93	94	84	82	88	88	88.2	.8
3	62.83	62.92	64.57	62.13	62.97	64.50	63.32	25	24.2	27	28	25.8	24.7	25.8	29.7	23.7	89	95	84	80	85	88	86.8	19.1
4	63.12	63.32	64.60	62.83	63.28	64.52	63.61	24	22.7	25.1	25.3	24.5	24.9	24.4	27.2	22.5	90	96	83	82	84	80	85.8	2.5
5	63.77	63.97	64.90	62.81	63	64.19	63.77	24.4	23.7	27.5	27.9	25.5	24.6	25.6	30	23.4	82	87	73	68	84	86	80	------
6	63.44	64.03	64.81	62.52	63.51	64.55	63.81	23.6	22.8	27.6	27.5	25.4	23.6	25.1	29.3	22.1	90	93	73	70	85	90	83.5	------
7	63.34	63.93	64.82	62.91	63.28	64.56	63.81	22.3	21.5	26.8	27	25.7	24.6	24.6	28.8	21.4	96	95	74	69	75	82	81.8	7.1
8	63.68	64.09	65.88	63.66	63.58	65.85	64.46	23.5	22.9	26.5	27.6	24.6	24.8	25	28.9	22.5	89	91	74	67	90	85	82.7	2.8
9	64.91	65.17	67.04	65.24	65.72	66.62	65.78	23.5	23.2	24.5	24	23.7	23.7	23.8	27.3	22.2	91	90	81	83	78	71	82.3	1
10	64.85	65.36	66.61	63.75	64.55	65.57	65.11	23.2	22.4	26.4	26.5	24.1	22.6	24.2	28.9	21.8	74	79	67	66	71	76	72.2	------
11	64.27	64.44	65	62.80	62.79	63.42	63.79	20.6	19.4	25.4	27.2	23.9	23.6	23.4	28.8	19.3	87	92	70	65	79	75	78	------
12	62.92	62.58	63.37	61.41	61.99	62.32	62.43	23.5	23.5	25.5	25.6	23.7	24	24.3	27.2	23.1	76	83	77	82	97	98	85.5	21.7
13	61.76	61.99	62.65	60.67	61.32	61.71	61.68	23.9	23.8	26.7	28.5	25.8	24.8	25.6	29.9	23.6	97	97	85	73	89	96	89.5	------
14	61.59	62.02	62.85	61.08	61.98	62.69	62.04	24	22.9	27.1	28.5	25.8	24.5	25.5	30	22.8	97	97	81	77	84	90	87.7	------
15	61.97	62.74	63.79	61.46	62.22	63.21	62.56	24	23.7	24.5	27.2	25.1	24.5	24.8	28.9	23	90	90	92	78	87	80	86.2	1.8
16	62.19	63.05	63.79	62.20	62.62	63.31	62.86	23.2	21.7	25.5	25.9	24.6	22.7	23.9	27.4	21.6	88	95	76	81	87	96	87.2	------
17	62.64	63.30	64.03	62.32	62.53	63.54	63.06	22.2	20.7	26.1	27.5	25.7	25.2	24.6	28.9	20.6	96	98	79	77	88	76	85.7	1.6
18	62.12	62.78	63.80	61.51	61.61	62.65	62.41	24	22.5	26.7	27.8	25.5	25.5	25.3	29.3	22.4	83	92	75	73	83	84	81.7	------
19	61.49	61.79	62.52	59.51	61.30	62.18	61.46	24.8	22.7	27.2	28.4	25.5	23.8	25.4	30	22.4	85	93	73	70	83	91	82.5	------
20	61.08	61.13	62.48	59.77	60.80	61.74	61.17	22.3	22.3	25.7	26.5	25.5	24.9	24.5	27.8	22	96	94	81	80	85	92	88	.3
21	60.56	60.78	62.04	60.10	60.87	61.91	61.04	24.5	23.8	24.3	27.1	24.7	24.5	24.8	28.4	23.7	92	96	95	81	90	88	90	1.8
22	61.13	61.27	62.56	60.60	60.82	62.29	61.45	24.2	24.2	26.8	28	25.6	24.7	25.6	29.8	23.8	91	94	82	74	87	86	85.7	------
23	61.28	61.41	62.25	60.67	61.12	62.53	61.54	22.9	22.5	27	26.5	24.9	24.3	24.7	29.8	22.3	96	96	77	86	82	89	87.7	2.4
24	61.47	61.62	62.95	60.67	60.62	61.84	61.53	23	23.4	27	25.6	24.7	24.9	24.8	29.3	23	92	90	77	88	79	78	84	2.3
25	61.12	61.34	62.43	60.42	60.61	62.14	61.34	24.2	23.5	26.9	28.3	25	24.2	25.4	29.9	23.2	82	80	67	64	70	74	72.8	------
26	61.17	61.32	62.28	60.82	61.94	62.86	61.73	23.8	23.6	26.6	26.7	24.2	24.5	24.9	29.2	23.1	81	85	72	79	91	85	82.2	.5
27	62.02	62.23	62.63	61.30	61.28	62.52	62	24.5	24.5	27.7	27.4	25.8	25.3	25.9	29.1	24.2	87	90	76	79	85	84	83.5	2
28	61.98	62.16	62.55	60.42	60.46	61.51	61.51	23.8	23	26.3	27.9	24.7	22.6	24.7	29.5	21.5	85	89	74	71	84	90	82.2	------
29	61.43	61.44	62.28	60.25	60.32	61.54	61.21	21.1	21	25.8	28	24.5	22.2	23.8	29.5	20.9	96	96	78	65	85	94	85.7	------
30	61.17	61.10	62.09	60.18	60.70	61.66	61.15	22	20.9	26.8	28.2	25.6	25.2	24.8	30	20.6	93	96	74	74	87	86	85	------
31	61.26	61.88	62.28	60.31	60.75	61.86	61.39	24.4	23.8	28	29	25.7	24.7	25.9	30.5	23.4	90	94	76	62	79	83	80.7	------
Mean	62.31	62.63	63.60	61.54	62.04	63.14	62.54	23.5	22.8	26.4	27.2	25	24.3	24.9	29.1	22.5	89.3	92	78.2	75.3	84.3	85.6	84.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	73.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	89	60.7	89.5	72.7	311.9	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
2	NE	NE	NE	NE	NE	NE	57.7	63.9	61.8	33.6	217	8	Ci.	N. NE	8	Ci.-S.	N. NE
3	NE	ENE	NE	NE	NE	NE	38.6	58.4	65	60.6	222.6	9	Ci.-S.	Fr.-N. ENE	8	Ci.	Cu.-N. NE
4	NE	NE	NE	NE	NE	NE	82.1	75.6	70	83.2	310.9	10	------------	N. NE	10	------------	N. NE
5	NE	NE	NE	NE	Calm	ENE	61.2	69.8	47.8	28.5	207.3	3	Ci.	N.	2	------------	Cu. NE
6	Calm	Calm	NE	NE	Calm	Calm	17.4	45.4	45.4	1.3	109.5	8	------------	Fr.-N. NE	2	Ci.	Cu.
7	Calm	Calm	NE	NE	Calm	NE	1.3	29.3	41.5	22.7	94.8	6	Ci.	N.-cf. NE	2	------------	Cu. NE
8	Calm	Calm	NE	NE	NE	NE	17.7	61	48.9	71.9	199.5	6	Ci.	N. NE	8	A.-Cu.	Fr.-N. NE
9	NE	NE	NE	NE	NE	NE	91.9	99.5	84.8	-----	-------	10	------------	N. NE	10	Ci.-S.	Fr.-N. NE
10	Calm	NE	NE	NE	NE	NE	-----	-----	73.2	43.8	-------	9	------------	Fr.-N. NE	4	------------	Cu.-N. NE
11	Calm	Calm	NE	NE	Calm	NE	12.4	36.7	53.4	33.8	136.3	5	Ci.	N.-cf. NE	3	------------	Cu. NE
12	NE	NE	NE	Calm	Calm	NE	36.4	38.3	19	25.1	118.8	8	Ci.-S.	N.	10	------------	N.
13	NE	ENE	NE	ENE	NE	Calm	48.3	59.2	53.4	19.5	180.4	10	------------	N. NE	2	------------	Cu.
14	Calm	Calm	NE	NE	NE	NNE	14.5	32.8	44	71.4	162.7	4	Ci.	N.-cf. NE	7	Ci.	Cu. NE
15	NE	NE	NE	NE	Calm	NE	-----	-----	38	44.3	-------	9	------------	Fr.-N. NE	7	Ci.-Cu.	Fr.-Cu. NE
16	NE	Calm	NNE	NE	Calm	Calm	16.6	30.3	34.8	10.2	91.9	3	Ci.	Cu.	10	------------	N.
17	Calm	Calm	NE	NE	Calm	NE	8.2	35.1	31.2	54.4	128.9	3	------------	N.	9	Ci.-S.	N. NE
18	NE	Calm	NE	NE	Calm	Calm	32.4	32	-----	-----	-------	3	Ci.	Cu.	4	Ci.	N. NE
19	Calm	Calm	NE	NE	Calm	Calm	-----	-----	-----	-----	-------	3	------------	N.	2	------------	Fr.-Cu. NE
20	Calm	Calm	NE	N	Calm	Calm	-----	-----	27.2	22.2	-------	3	Ci.	N.	10	Ci.-S.	N. NE
21	Calm	NE	NE	NE	NE	NE	41.8	52.3	54.4	46.7	195.2	10	------------	N. NE	8	Ci.-S.	N. NE
22	NE	Calm	ENE	NNE	Calm	NE	29	48.9	41.6	49.1	168.6	10	------------	N. NE	8	Ci.	N. NE
23	Calm	Calm	ENE	NE	NE	ENE	9.7	43.8	64.4	47.8	165.7	10	Ci.-S.	N. NE	9	Ci.-S. NE	Fr.-N. NE
24	ENE	ENE	ENE	NE	ENE	ENE	33	47.5	47.7	81.6	209.8	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N.
25	ENE	ENE	ENE	E	E	NE	73.5	76.1	70.8	56.3	276.7	6	Ci.	N.-cf. NE	2	------------	Fr.-Cu. E
26	NE	NE	NE	N	Calm	NE	45.1	53.1	29.8	30.9	158.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
27	NE	NE	NE	NE	NE	NE	41.3	60.6	51	48.8	201.7	10	------------	N. NE	10	Ci.-S.	Fr.-N. NE
28	NE	Calm	NE	NE	Calm	Calm	47	41.5	34.3	6.2	129	6	Ci.	N.	4	------------	Cu. NE
29	Calm	Calm	NE	E	Calm	Calm	5.4	33.6	39.9	4.6	83.5	8	Ci.	Fr.-N. NE	4	Ci.	Cu. E
30	Calm	Calm	ENE	ENE	Calm	Calm	9.4	39.4	51.7	34.4	134.9	7	------------	Fr.-N. E	8	Ci.	Fr.-Cu. ENE
31	Calm	ENE	ENE	E	Calm	ENE	28.5	66.5	73.5	64.6	233.1	10	------------	N. ENE	2	------------	Cu.
Mean	------	------	------	------	------	------	36.6	51.5	51.3	41.8	178	7.3	------------	------------	6.5	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.72	61.24	61.93	60.17	60.57	61.33	60.99	23.5	22	27	28.4	25.1	22.4	24.7	30.3	21.9	87	92	73	62	83	93	81.7	------
2	60.90	61.22	61.70	59.75	60.36	61.49	60.90	22	22.7	27	27.7	25	22.9	24.6	29.8	21.4	93	92	74	71	83	94	84.5	------
3	61.18	61.98	62.75	60.65	60.72	62.22	61.58	22.3	21.8	27	28	25.4	24.5	24.8	30.9	21.6	94	94	75	69	84	80	82.7	------
4	61.38	61.56	62.22	60.14	60.38	61.77	61.24	24	23.4	27.7	29	25.7	25	25.8	30.4	23.1	84	88	73	65	82	82	79	------
5	61.29	61.59	62.76	60.88	60.73	61.84	61.52	24.5	24.4	27.9	28.5	25.8	24.4	25.9	30.5	23.9	84	84	69	64	73	86	76.7	------
6	61.42	61.79	63	60.98	61.45	62.32	61.83	23.5	23.1	27.5	28.2	25.2	24	25.2	30.6	23	90	90	69	63	82	83	79.5	------
7	61.39	61.48	62.40	60.08	60.41	61.67	61.24	22.7	21.5	26.1	28.1	24.7	24	24.5	29.7	21.3	89	93	72	66	83	77	80	------
8	61.34	61.62	63.03	61.03	60.91	62.44	61.73	23.1	21.4	26.1	28	25	21.9	24.2	29.7	21.2	82	95	76	63	80	93	81.5	------
9	61.63	61.85	63.15	61.66	62.01	62.76	62.18	21	20.1	27.4	27.6	24.9	24.3	24.2	30.9	20.1	95	98	69	73	81	86	83.7	------
10	61.99	62.32	63.10	60.80	60.92	62.07	61.87	22.2	21.5	26	28.2	24.9	23.5	24.4	29.1	21.4	94	95	76	64	83	79	81.8	------
11	61.94	62.47	63.25	61.73	61.66	63.09	62.36	23.3	21.3	27.6	28	24.6	24.3	24.8	30.1	21	79	93	67	67	92	89	81.2	------
12	62.48	62.61	63.75	62.20	62.31	64.06	62.90	23.7	23.1	27.5	28.5	25.6	24.6	25.5	30.2	23	91	91	76	70	83	82	82.2	------
13	62.99	63.24	64.87	62.67	62.73	63.83	63.39	23.8	23.7	26.8	26.9	24.5	23.7	24.9	29.7	23.4	82	82	74	74	84	82	79.7	1.1
14	63.04	63.37	64.27	62.53	63.22	64.13	63.43	22.7	22	26.5	26.4	23.5	23.9	24.2	28.9	21.9	90	96	74	86	91	80	86.2	.8
15	63.24	63.30	63.98	62.26	62.67	63.14	63.10	23.3	23	27	27.9	25.8	24	25.2	29.8	22.8	84	85	70	62	78	81	76.7	------
16	62.87	63.43	64.31	62.05	62.51	63.42	63.10	21.7	22.5	27.6	27.9	24.9	22.3	24.5	29.6	21.4	88	84	64	64	81	88	78.2	------
17	62.77	63.08	64.06	61.85	61.73	63.02	62.75	22.3	20.4	27.8	28.7	24.9	22.5	24.4	30.3	19.9	86	93	71	61	81	92	80.7	------
18	62.04	62.33	63.88	62.11	62.33	63.39	62.68	22.1	21.2	27.9	28.4	25.1	21.7	24.4	30.2	20.6	93	95	68	65	83	86	81.7	------
19	62.71	63.08	63.85	61.67	61.98	63.24	62.75	19.2	17.5	27.3	27.8	24.5	20.7	22.8	29.7	17.4	96	99	65	67	71	90	81.3	------
20	62.53	62.69	63.50	61.37	61.51	62.87	62.41	20.8	22.4	27.7	28.8	25.4	21.7	24.5	30.8	20.2	91	92	65	61	65	90	77.3	------
21	61.87	61.98	62.73	60.67	61.03	62.17	61.74	21.3	21.9	27.9	29	25.4	23	24.8	31	21.3	91	92	65	61	77	89	79.2	------
22	61.48	61.57	62.40	59.89	59.88	61.54	61.13	22.4	21.6	27.9	28.9	25.4	23.5	25	31.2	21.4	92	96	71	60	80	91	81.7	------
23	61.57	62.15	63.12	60.90	60.52	61.82	61.68	21.3	20	28.5	29	26	23.3	24.7	31.2	19.9	95	96	61	64	76	90	80.3	------
24	61.32	61.79	62.82	60.72	60.93	61.81	61.56	20.8	20.5	28.7	28.8	26.2	23.1	24.7	31.3	20	94	95	69	73	83	94	84.7	------
25	61.10	61.57	63.33	60.70	60.72	61.81	61.54	21.8	21.3	28.4	29	25.2	22.3	24.7	31.4	21.1	96	97	68	68	86	93	84.7	------
26	61.72	62.23	63.71	61.37	61.61	62.97	62.28	20.7	19.5	27.3	30.2	26	24.5	24.7	31.7	19.3	95	97	71	61	76	94	82.3	------
27	62.17	62.35	64.26	61.92	62.03	63.39	62.69	23.9	21.9	28	29.7	25.8	24	25.6	31.3	21.6	94	95	68	56	78	79	78.3	------
28	62.42	63.01	64.31	61.90	62.32	63.41	62.90	24.2	22.9	27.8	29.8	25.8	25.2	26	31.9	22.7	80	92	75	68	88	92	82.5	------
Mean	61.91	62.25	63.30	61.24	61.44	62.61	62.12	22.4	21.7	27.4	28.4	25.2	23.4	24.8	30.4	21.4	89.6	92.5	70.3	66	81	87	81.1	------
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	Calm	ENE	ENE	Calm	Calm	34.9	55.5	21.2	3.5	115.1	7	------------	Fr.-N. E	3	------------	Cu. ENE
2	Calm	Calm	ENE	ENE	Calm	Calm	12.3	11	-----	-----	-------	7	Ci.	N.-cf. E	7	------------	Fr.-N. ENE
3	ENE	Calm	ENE	NE	Calm	ENE	25.5	35.6	32.8	44.8	138.7	2	------------	Cu.	2	------------	Fr.-Cu. NE
4	ENE	ENE	ENE	E	Calm	ENE	53.7	79.5	69.2	61.2	263.6	8	------------	Fr.-N. ENE	7	Ci.	Fr.-Cu. E
5	ENE	ENE	ENE	ENE	E	NE	66	80.8	70.2	48.3	265.3	9	------------	Fr.-N. ENE	3	Ci.	Cu. ENE
6	ENE	ENE	E	ENE	Calm	ENE	43.7	67.8	45.1	26.9	183.5	6	Ci.	N.-cf. ENE	2	Ci.	Fr.-Cu. ENE
7	Calm	Calm	ENE	NE	Calm	NE	15.9	65.4	43.8	27.1	152.2	4	------------	N.-cf. ENE	8	Ci.-S.	Fr.-Cu. ENE
8	ENE	Calm	ENE	NE	Calm	Calm	24.9	41.6	45.7	3.4	115.6	7	Ci.	N.	4	Ci.	Cu.
9	Calm	Calm	ENE	ENE	Calm	ENE	4.2	36.8	50.5	12.1	103.6	4	------------	N.-cf.	7	Ci.	Cu. ENE
10	Calm	Calm	ENE	ENE	Calm	ENE	9.9	44.6	52.8	21.1	128.4	4	Ci.	N.-cf. E	2	------------	Cu.
11	ENE	Calm	ENE	NE	NE	NE	27.4	44	52.9	45.1	169.4	4	------------	N.-cf. ENE	7	Ci.	Cu. ENE
12	NE	NE	NE	NNE	ENE	NE	50.5	62.5	53.7	51.2	217.9	8	Ci.-S.	Fr.-N. NE	4	Ci.	Fr.-Cu. NE
13	NE	ENE	ENE	NE	Calm	NE	44.1	79.1	46.4	42.4	212	10	------------	N. ENE	8	Ci.-S.	Fr.-N. NE
14	ENE	Calm	ENE	ENE	Calm	ENE	40.4	72.4	60.6	60.6	234	8	------------	Fr.-N. ENE	8	------------	N. ENE
15	ENE	E	E	E	Calm	ENE	52.1	66.5	55.5	25.7	199.8	9	------------	N. E	7	Ci.	Cu. E
16	Calm	ENE	ENE	NE	Calm	Calm	27.7	59.2	52.6	16.6	156.1	8	Ci.-S.	Fr.-N. NE	4	------------	Cu. NE
17	ENE	Calm	ENE	ENE	Calm	Calm	36.4	44.1	67.1	9.1	156.7	2	------------	Cu.	1	------------	Cu.
18	Calm	Calm	E	NE	Calm	Calm	18.7	56.1	56.8	5.3	136.9	1	------------	Fr.-N.	2	------------	Cu.
19	Calm	Calm	NE	NE	Calm	Calm	4.2	37.8	54.5	9.2	105.7	2	------------	Cu.	0	------------	------------
20	ENE	Calm	ENE	ENE	ENE	Calm	27.2	66.5	73.7	7.5	174.9	2	------------	N.	1	------------	Cu.
21	Calm	Calm	E	NE	ENE	Calm	11	58.9	67.6	15.3	152.8	9	------------	Fr.-N. NE	1	------------	Cu.
22	Calm	Calm	ENE	ENE	Calm	Calm	12.7	43.1	64.2	5.6	125.6	2	------------	N.	1	------------	Cu.
23	Calm	Calm	NE	NE	Calm	Calm	5.6	36.2	50.7	2.6	95.1	1	------------	N.	1	------------	Cu.
24	Calm	Calm	ENE	NE	Calm	Calm	7.2	32.8	53.6	9.1	102.7	7	------------	Fr.-N. NE	2	Ci.	Cu.
25	Calm	Calm	NE	ENE	Calm	Calm	5.6	37.2	49.6	5.9	98.3	4	------------	N.-cf. SW	1	------------	Cu.
26	Calm	Calm	E	ENE	Calm	ENE	3.4	43.7	61.8	38.6	147.5	4	------------	N.-cf. NE	3	Ci.	Cu.
27	ENE	Calm	ENE	ENE	Calm	ENE	25.4	74	62.2	22.5	184.1	5	------------	N.-cf. NE	2	------------	Cu.
28	ENE	Calm	ENE	ENE	ENE	ENE	38.9	70.3	72.9	33.8	215.9	5	Ci.	N.	4	Ci.	N.
Mean	------	------	------	------	------	------	26.1	53.7	55.1	24.2	161.2	5.3	------------	------------	3.6	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.64	63.12	64.08	61.95	62.27	64.08	63.02	24.9	24.6	28.6	30.1	26.6	24.4	26.5	31.6	24.4	92	94	80	68	80	92	84.3	------
2	63.14	63.47	64.46	62	62.33	63.93	63.22	23.2	22.2	28.2	29.1	26.2	25	25.6	30.8	21.8	93	97	72	70	82	88	83.7	------
3	62.69	63.06	63.77	61.25	61.31	61.80	62.31	23.9	22.9	27.2	28.7	26.6	24.7	25.7	30.3	22.5	92	93	74	73	80	96	84.7	0.3
4	59.94	60.32	61.67	59.72	59.58	60.26	60.25	25	24.8	27.8	28.2	25.8	25.8	26.2	30	24.4	95	93	82	77	93	89	88.2	1
5	59.02	59.24	60.10	57.75	58.36	60.07	59.09	25.4	25	28.7	29	26.6	25.5	26.7	30.4	24.8	93	96	81	81	91	98	90	9.4
6	58.73	58.79	59.92	57.45	58.27	59.48	58.77	25	24.8	28.2	30.5	26.6	26.2	26.9	32.7	24.5	98	98	82	73	85	90	87.7	------
7	58.79	59.32	59.89	57.80	58.26	60.08	59.02	25.5	23.9	30	30.5	27.1	25.6	27.1	31.8	23.8	93	97	72	70	84	93	84.8	------
8	59.27	59.52	60.62	58.29	58.70	60.23	59.44	25.9	24.9	29.8	30.6	27.6	26.1	27.5	32.2	24.7	92	92	73	65	80	83	80.8	------
9	59.27	59.47	60.66	58.47	58.21	59.90	59.33	25.2	24.2	29.5	30.7	27.5	25.1	27	32.3	23.5	88	94	75	60	75	95	81.2	------
10	59.80	60.11	61.50	59.40	59.02	60.09	59.99	25.2	24.4	28.7	29.6	26.6	24.1	26.4	31.4	23.6	94	92	71	71	84	95	84.5	------
11	59.45	59.77	60.78	59.12	58.94	60.15	59.70	23.1	22.1	27.2	28.9	26.5	26	25.6	31	21.6	96	96	79	73	83	88	85.8	------
12	59.75	59.92	61.44	59.80	59.91	61.40	60.37	25	24.8	28.3	28.6	26.9	24.8	26.4	30.8	23.9	94	93	80	78	89	95	88.2	.8
13	60.24	60.71	62.09	60.05	60.31	61.55	60.82	25	22.9	29.7	29.7	27.2	25.1	26.6	32.8	22.6	93	97	73	75	83	92	85.5	------
14	60.72	60.96	62.32	60.72	60.61	62.02	61.22	24.2	22.5	29.1	29.7	26.6	24.7	26.1	32.1	22.4	95	97	77	70	80	90	84.8	------
15	61.87	62.19	63.40	61.04	61.03	62.12	61.94	24.1	23.6	27.7	29.7	26.4	25.4	26.2	31.2	23.5	92	93	69	64	81	80	79.8	------
16	61.37	61.49	62.49	60.65	60.53	61.73	61.38	24	22.6	29.7	29.2	26.5	25.8	26.3	31.2	22.5	88	95	65	73	85	83	81.5	------
17	61.21	61.74	63.72	62.02	62.22	63.75	62.44	25.1	24.7	25.5	29.4	27.3	24.7	26.1	31	24.4	86	87	88	72	81	90	84	2.6
18	62.89	63.54	64.65	62.60	62.38	63.97	63.34	24.5	24.3	28.5	29.9	27.4	25.9	26.8	31.8	23.8	93	92	75	65	79	82	81	------
19	62.80	63.44	64.10	61.80	61.47	62.55	62.69	25.2	24.2	28.8	29.8	26.8	26	26.8	31.1	23.9	87	86	69	65	77	80	77.3	------
20	61.20	61.28	62.46	59.80	59.43	60.45	60.77	24	23.1	28	29.5	26.7	25	26	31.3	22.9	92	96	71	66	76	88	81.5	------
21	59.64	59.81	61.25	59.05	59.11	60.56	59.90	24.8	24	29	30	27.1	25	26.6	32.1	23.7	88	93	73	68	82	92	82.7	------
22	59.67	59.82	61.05	59.19	59.08	60.92	59.96	25.4	25.3	29.5	30.9	27.5	26	27.4	32.8	24.6	90	91	72	62	81	92	81.3	------
23	60.03	60.36	61.27	59.31	59.12	60.75	60.14	25.9	24.7	29.5	30.7	27.3	25.2	27.2	32.7	24.1	89	90	68	61	81	91	80	------
24	59.80	60.03	62	59.45	59.62	61.21	60.35	25.8	24.9	29.5	31	27.7	25.1	27.3	82.8	24.5	88	92	67	56	80	90	78.8	------
25	60.45	60.71	62.09	59.82	59.50	60.70	60.54	25.3	24.9	29.5	29.4	27.4	26.5	27.2	31.5	24.5	89	90	71	68	81	73	78.7	------
26	59.73	59.84	61.59	59.89	59.55	61.21	60.30	25.2	24.4	29	29.9	27.7	25.9	27	31.4	23.5	82	85	65	63	69	75	73.2	------
27	60.45	60.57	61.92	59.82	59.61	61.12	60.58	25.1	24.9	27.1	28.2	27	26.3	26.4	30.2	23.8	79	78	70	67	74	83	75.2	.5
28	60.33	60.46	61.85	60.12	60.13	61.64	60.76	25.4	24.8	28.3	26.2	23.9	24.7	25.6	31.8	23.7	88	90	77	94	96	96	90.2	5.7
29	61.17	61.46	62.39	60.27	59.93	61.20	61.07	24.1	23.9	28.5	29.2	26.9	25.7	26.4	31	23.7	96	91	70	71	81	84	82.2	------
30	60.47	60.73	61.54	59.70	59.17	59.84	60.24	25.6	23.8	28	29.5	26.9	23.7	26.2	31.3	23	84	94	73	68	79	91	81.5	------
31	59.36	59.41	60.74	58.18	58.10	59.56	59.22	23	22.3	28.9	29.5	27.1	26.7	26.2	32	21.9	95	96	65	63	70	80	78.2	.5
Mean	60.51	60.80	61.99	59.89	59.87	61.24	60.72	24.8	24	28.6	29.5	26.8	25.4	26.5	31.5	23.6	90.8	92.5	73.5	69.4	81.4	88.2	82.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	20.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	ENE	E	Calm	Calm	47	65.4	69.5	11	192.9	8	------------	Fr.-N. ENE	2	------------	Fr.-Cu. E
2	NE	Calm	NE	NE	Calm	NE	30.6	50.2	40.5	28.7	150	4	Ci.	N.-cf. ENE	3	------------	Fr.-Cu. NE
3	NE	Calm	NE	NE	NE	NNE	31.1	48.9	50.9	46.7	177.6	5	Ci.	N.-cf. ENE	4	Ci.	Cu. ENE
4	NE	NE	NE	NE	NE	NNE	48.8	77	65	42.4	233.2	10	------------	N. NE	10	------------	N.
5	NE	NE	NE	NE	NE	Calm	41	56.9	78.3	31.2	207.4	9	A.-Cu.	N. NE	5	Ci.	Cu.-N. NE
6	SE	Calm	Calm	ENE	ENE	Calm	27.2	38	78.1	14.2	157.5	10	------------	N. E	7	Ci.-S.	Fr.-Cu.
7	ENE	Calm	E	ENE	Calm	Calm	14	52	67	6.9	139.9	4	Ci.	N.-cf. ENE	1	Ci.	Cu.
8	E	E	E	ENE	ENE	NE	34.4	65.5	82.1	40.2	222.2	4	Ci.-Cu.	Fr.-Cu. E	1	------------	Cu.
9	Calm	ENE	E	E	Calm	Calm	28	68.6	63.3	9.1	169	3	Ci.	Cu. ENE	3	Ci.	Cu.
10	E	E	E	NE	Calm	Calm	38.9	75.8	49.7	4	168.4	3	Ci.	N.	2	------------	Fr.-Cu. NE
11	Calm	Calm	ENE	ENE	Calm	Calm	12.6	56.3	53.4	9.2	131.5	3	Ci.	N.-cf. ENE	7	Ci.	Cu. ENE
12	Calm	Calm	NE	NE	Calm	Calm	2.4	37.3	57.6	3.4	100.7	5	Ci.	N. ENE	2	------------	Cu.
13	Calm	Calm	NE	NE	Calm	Calm	4.6	32.5	63.3	3.7	104.1	2	------------	N.	1	------------	Cu.
14	Calm	Calm	NE	NE	Calm	Calm	2.2	40.2	56.1	15.8	114.3	3	------------	N.-cf. NE	1	------------	Fr.-Cu.
15	Calm	Calm	ENE	NE	Calm	NE	20.9	59.2	47.8	41.2	169.1	7	Ci.	Fr.-N. NE	2	------------	Cu. NE
16	NE	Calm	ENE	NE	Calm	NE	31.9	48	52.8	36.5	169.2	9	------------	N. NE	2	------------	Fr.-Cu. NE
17	NE	ENE	NE	NE	NE	Calm	48	61.7	57.6	23	190.3	4	------------	N.	3	Ci.-Cu.	Fr.-Cu. NE
18	Calm	ENE	ENE	ENE	Calm	ENE	30.9	75.3	62.8	30.3	199.3	7	------------	Fr.-N. ENE	4	Ci.	Cu.
19	ENE	ENE	ENE	NE	NE	Calm	61.4	63.1	58.1	25.4	208	8	Ci.	Fr.-N. ENE	7	Ci.	Fr.-Cu. NE
20	Calm	Calm	ENE	NNW	Calm	Calm	4.2	47.5	41.2	10.3	103.2	4	Ci.	N.-cf. NE	2	Ci.	Fr.-Cu. NNW
21	Calm	Calm	ENE	NE	Calm	Calm	11.5	44.6	56.6	5.9	118.6	6	Ci.	N. SE	2	Ci.	Cu.
22	E	E	E	E	Calm	Calm	34.4	71.9	66.6	8.5	181.4	8	------------	Fr.-N. E	4	Ci.	Cu.
23	ENE	E	E	ENE	Calm	Calm	56.3	76.9	65.2	9.4	207.8	3	Ci.	Cu. E	1	------------	Cu.
24	ENE	Calm	E	NE	Calm	Calm	42.4	68.9	48.9	18.8	179	4	Ci.	N.	2	Ci.	Cu.
25	NE	E	ENE	NE	Calm	NE	46.9	63.4	56.5	47.5	214.3	8	------------	Fr.-N. E	3	------------	Cu. E
26	NE	ENE	NE	NNW	Calm	ENE	42.3	49.1	40.7	12.9	145	7	Ci.	Fr.-N. ENE	8	Ci.	Cu. NE
27	NE	ENE	N	NE	Calm	NE	37.5	74.6	48.8	46.9	207.8	7	Ci.	N.-cf. NE	9	Ci.-S.	N. NE
28	NE	ENE	NE	NNE	NE	Calm	62.2	66.3	73.7	23.8	226	9	Ci.	N. NE	9	Ci.-S.	N. NNE
29	NE	E	E	NE	Calm	NE	43.1	77.9	38.1	22.2	181.3	3	Ci.	Cu.	3	Ci.	Cu. NE
30	NE	Calm	NE	NE	Calm	Calm	29.3	48.1	44	2.1	123.5	7	A.-Cu.	N. NE	3	Ci.	Cu.
31	Calm	Calm	NE	N	Calm	NE	3.8	37.6	48.5	22.7	112.6	3	------------	N.-cf. NE	2	Ci.	Cu.
Mean	------	------	------	------	------	------	31.3	58	57.5	21.1	167.9	5.7	------------	------------	3.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,205.1	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.05	59.19	60.42	58.41	58.67	60.10	59.31	25.7	25	27.2	29.9	26.9	25.7	26.7	31.5	24.8	88	94	87	72	85	91	86.2	4.3
2	57.80	59.97	61.67	59.57	60.10	61.30	60.40	25.5	23.9	29.5	29.7	27.2	26.5	27	31.5	23.7	89	89	64	64	72	82	76.7	------
3	60.01	60.12	61.19	59.24	60.16	61.44	60.36	26.2	25.9	28.5	30.7	23.6	23.7	26.4	31.9	23.6	82	85	75	67	93	94	82.7	4.8
4	60.39	59.86	61.15	58.91	59.51	61.12	60.16	23.8	24.8	28	30.7	28	26.3	26.9	32.1	23.7	95	97	81	70	82	91	86	.8
5	59.96	60.32	61.42	59.01	59.99	61.62	60.39	25.5	24.6	30.2	30	28.3	26.8	27.6	31.7	24.2	96	97	71	72	82	88	84.3	------
6	59.50	59.73	60.97	58.50	58.88	60.62	59.70	25.5	24.8	30.6	30.2	28.1	26.4	27.6	32.5	24.4	94	95	67	65	77	86	80.7	5.6
7	59.11	60.23	61.22	58.70	58.47	60.62	59.72	25.7	24.6	29.8	31.2	28.3	25.8	27.6	32.5	24.2	96	96	79	68	80	90	84.8	------
8	60.13	60.38	61.55	59.64	59.86	61.57	60.52	25	23.7	30.7	32	28.9	26.5	27.8	33.2	23.7	93	96	68	60	75	88	80	------
9	60.90	61.26	62.39	60.58	60.94	62.59	61.44	26.1	25	31	31.9	28.6	27.5	28.4	32.9	24.9	88	93	61	58	73	86	76.5	------
10	61.38	61.25	62.76	60.65	60.67	62.17	61.48	26.2	26.2	80.1	30.7	25.7	26.1	27.5	32.4	25	85	85	69	69	88	85	80.2	3.5
11	60.72	60.79	61.65	59.37	59.11	60.35	60.33	24.5	24.6	29	29.7	27.6	26	26.9	31.4	24.1	89	88	71	69	79	88	80.7	------
12	59.85	60.04	60.83	58.89	59.25	60.54	59.90	25.1	24.9	27.3	29.6	27.5	24.7	26.5	31.2	23.7	92	86	82	64	73	89	81	21.3
13	59.79	59.93	60.82	59.33	59.65	60.62	60.02	23	22.6	29.5	30.5	28.2	25.1	26.5	32	22.3	94	95	71	60	72	87	79.8	------
14	59.87	60.34	61.45	59.65	59.49	61.07	60.31	23.5	22.8	30.5	30.4	28	25.5	26.8	32.4	22.3	93	94	70	62	76	88	80.5	------
15	60.50	61.18	62.34	60.63	60.59	61.97	61.20	24.5	23.3	30	30.7	28.2	25.3	27	82.3	23.1	93	97	69	65	76	89	81.5	------
16	61	61.44	62.14	59.63	59.51	60.33	60.68	23.6	23.8	29.8	31	27.8	24.7	26.7	32.3	23.2	95	94	66	51	68	83	76.2	------
17	60.06	60.36	60.87	58.65	58.45	59.80	59.70	23.4	22.5	29.2	30.2	28.4	25.1	26.5	32	22.2	91	95	73	60	67	83	78.2	------
18	59.39	59.59	60.61	58.63	58.85	60.65	59.62	23.6	24.9	30.7	31.8	28.3	26	27.6	33.6	23.2	93	92	62	56	73	84	76.7	------
19	59.37	60.05	61.05	58.75	59.12	60.79	59.86	27	25.9	30.5	31.9	28.4	27.4	28.5	33.4	25.6	83	88	68	58	76	86	76.5	------
20	60.57	60.92	62.20	60.16	60.73	62.52	61.18	26.7	26	30.8	32.1	28.9	26.8	28.6	33.7	25.6	88	92	71	64	78	89	80.3	------
21	61.37	62.07	62.74	60.60	61.14	62	61.65	27	25.7	30.2	30.6	28.6	28	28.4	33	25.4	88	88	74	68	76	76	78.3	------
22	60	60.33	61.44	58.94	59.52	61	60.20	26.8	27	30.5	31.9	28.6	27.8	28.8	33.7	26.4	83	84	69	61	77	86	76.7	3
23	59.86	60.27	60.95	58.74	58.65	60.30	59.80	25.7	25.5	30.5	32	29.1	26.5	28.2	33.6	25	94	94	74	66	71	86	80.8	------
24	59.19	59.56	60.99	59.15	59.33	61.06	59.88	26	26.1	30.8	32	29	27.4	28.6	33.5	25.9	89	93	71	57	72	81	77.2	------
25	59.51	59.68	60.69	59.10	58.83	60.60	59.74	26.6	25.9	30.5	31.9	29.8	27.7	28.7	33.5	25.8	86	91	74	59	66	84	76.7	.3
26	59.97	60.31	61.24	59.26	59.08	60.52	60.06	26.8	25.3	30.9	32.6	29.5	27.6	28.8	34.3	24.9	85	89	70	53	68	77	73.7	------
27	60.01	60.18	61.02	59.11	59.12	60.37	59.97	26.6	24.7	30.4	31.2	28.8	27.1	28.1	33.4	24.5	81	93	69	64	75	87	78.2	------
28	59.60	59.81	60.45	58.29	58.27	59.88	59.38	26.5	26.2	30.6	32.1	29.2	26.3	28.5	33.8	25.7	88	87	63	60	67	84	74.8	------
29	58.63	58.73	59.80	58.21	58.26	59.57	58.87	25.4	25	30.2	31.9	28.7	25.3	27.8	33.4	24.5	88	89	63	54	67	85	74.3	------
30	58.95	59.28	60.94	58.50	58.01	60.21	59.32	25.8	24.1	29.9	31.2	30	26.6	27.9	33.4	23.8	82	91	65	56	56	80	71.7	------
Mean	59.95	60.24	61.30	59.23	59.41	60.91	60.17	25.4	24.8	29.9	31.1	28.2	26.3	27.6	32.7	24.3	89.4	91.6	70.6	62.4	74.7	85.8	79.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	43.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	E	E	ENE	Calm	Calm	52.1	65	62.6	24.6	204.3	9	------	Fr.-N. N	3	------	Cu. ENE
2	NE	Calm	E	N	Calm	NE	41.3	61.4	46.2	19.5	168.4	2	Ci.	Cu. E	2	Ci.	Cu.
3	Calm	Calm	NE	NNE	SE	Calm	30.3	51.2	60.7	7.5	149.7	9	------	N. NE	7	A.-Cu.	Cu. NNE
4	Calm	Calm	NE	NE	Calm	Calm	6.4	40	57.7	5.6	109.7	9	------	N. NE	2	------	Cu. NE
5	Calm	Calm	ENE	NE	NE	NE	3.8	38.3	63.3	37.5	142.9	8	Ci.	Fr.-N. E	3	Ci.	Cu.
6	Calm	Calm	NE	NE	Calm	Calm	9.4	58.4	57.4	8.2	133.4	8	------	N. E	2	Ci.	Cu.
7	Calm	Calm	NE	NE	N	Calm	2.9	29.6	53.6	4	90.1	3	Ci.	N.-cf.	3	Ci.	Cu.
8	Calm	Calm	NE	NE	Calm	Calm	1.9	35.4	53.6	6.9	97.8	4	Ci.	Fr.-Cu. NE	2	Ci.	Cu.
9	Calm	Calm	E	E	Calm	NE	17.1	52.8	60.6	29.8	160.3	3	------	Cu. NE	3	Ci.	Cu.
10	ENE	E	NE	NE	NE	NE	35.4	62.6	85.3	48.3	231.6	8	Ci.	Fr.-N. E	6	Ci.	Cu. NE
11	NE	Calm	NE	NE	Calm	ENE	32	50.9	55.8	18.5	157.2	8	A.-Cu.	N. NE	3	Ci.	Cu. NE
12	NE	E	ENE	NE	Calm	Calm	30	41.6	43.5	3.8	118.9	8	Ci.	Fr.-N. E	3	------	Cu.
13	Calm	Calm	NE	NE	Calm	Calm	4.2	45.4	55.8	3	108.4	3	------	N.-cf. E	2	------	Cu.
14	Calm	Calm	NE	NE	Calm	Calm	4.3	37.5	55.8	3.2	100.8	3	------	Cu.	2	Ci.	Cu.
15	Calm	Calm	ENE	ENE	Calm	Calm	5.6	42.4	47.8	2.2	98	3	Ci.	Cu.	2	------	Cu.
16	Calm	Calm	ENE	NNE	Calm	Calm	5.9	47.7	49.6	4.2	107.4	2	------	N.	1	------	Cu.
17	Calm	Calm	NE	NE	Calm	Calm	7	42.1	54.5	2.4	106	3	------	Cu.	2	------	Cu.
18	Calm	ENE	E	E	Calm	Calm	5.4	56.3	59	5.6	126.3	8	------	Fr.-N. NE	2	------	Cu.
19	E	Calm	NE	NE	NE	Calm	28	60.2	66.6	12.3	167.1	7	------	Fr.-N. E	2	------	Cu.
20	Calm	Calm	ENE	E	Calm	Calm	12.6	58.2	78.3	10.5	159.6	4	Ci.	Cu. E	3	A.-Cu.	Cu.
21	NE	ENE	NE	NNE	NE	NE	42.3	52.1	45.4	27.7	167.5	8	Ci.	Fr.-N. ENE	7	A.-Cu.	Fr.-N. NNE
22	Calm	NE	E	ENE	NE	Calm	27.9	73.4	78.9	30.3	210.5	5	Ci.	Fr.-N. NE	2	------	Cu.
23	Calm	Calm	ENE	ENE	ENE	Calm	4.8	48.8	83.7	8	145.3	7	Ci.	N.	3	Ci.	Cu.
24	Calm	Calm	ENE	ENE	ENE	E	12.6	58.2	78.9	55.3	205	4	Ci.	Cu. NE	2	Ci.	Cu.
25	ENE	Calm	E	ENE	ENE	E	25.7	62.2	89.5	35.1	212.5	7	------	Fr.-N. E	2	------	Cu.
26	Calm	Calm	ENE	E	E	ENE	27.2	76.7	79.9	35.1	218.9	4	Ci.	Cu.	2	------	Cu.
27	ENE	Calm	ENE	NNE	Calm	Calm	29.3	52.1	54.7	8.3	144.4	2	------	Cu.	4	Ci.	N.
28	NE	NE	NE	ENE	Calm	Calm	32.2	77.5	64.7	7.7	182.1	4	Ci.-Cu.	Fr.-N. NE	3	Ci.	Cu.
29	Calm	Calm	E	ENE	Calm	Calm	18	70.8	60.4	4.6	153.8	7	Ci.	Cu. ENE	2	Ci.	Cu.
30	Calm	Calm	ENE	ENE	Calm	Calm	17.2	58.1	69.8	19.5	164.6	4	Ci.	Fr.-Cu. E	3	Ci.	Cu.
Mean	------	------	------	------	------	------	19.1	53.6	62.5	16.3	151.4	5.5	------	------	2.8	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,542.5	------	------	------	------	------	------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.85	60.11	61.26	59.19	58.80	60.16	59.90	26.9	26.8	30.4	32.5	30.1	28	29.1	33.8	25.6	79	81	66	51	62	80	69.8	-----
2	59.99	60.50	61.80	59.16	59.41	61.26	60.35	26.9	25.9	30.6	31.7	29.2	26.7	28.5	33.7	25.5	86	89	67	59	70	83	75.7	-----
3	60.35	60.60	61.24	59.07	59.08	60.87	60.20	26.8	25.9	30.9	32.7	29.1	27.8	28.9	34.3	25.8	83	88	61	57	74	82	74.2	-----
4	59.47	59.66	60.35	57.94	58.15	59.65	59.20	26.7	25.8	31.5	32.6	29	27.1	28.8	34.1	25.7	88	88	61	53	73	83	74.3	-----
5	58.27	58.51	58.59	56.29	56.81	58.48	57.82	26.9	26.2	31.1	33	29.4	27	28.9	34.4	26	83	86	65	52	69	82	72.8	-----
6	58.50	58.78	59.16	56.98	57.32	59.44	58.36	27.4	26	31.5	32.4	29.5	27.6	29.1	34.7	25.9	81	90	65	56	72	84	74.7	-----
7	58.40	58.91	60.28	58.26	58.54	60.52	59.15	27.1	26	31.3	31.3	29.5	28.5	29	34.4	25.8	85	90	64	67	77	83	77.7	-----
8	58.81	58.89	59.99	57.58	57.65	59.81	58.79	27.2	26.2	30.9	32	29.4	27.6	28.9	34.4	25.9	89	89	70	69	76	87	80	-----
9	57.92	57.91	58.29	56.29	56.25	57.87	57.42	26.7	26.2	31.1	32.4	29.2	28.1	29	34.3	26	90	93	66	57	74	85	77.5	-----
10	56.55	56.73	57.04	54.88	55.62	56.96	56.30	27.2	26.7	30.2	32.2	28.8	28	28.8	34.3	26.6	89	92	76	66	76	85	80.7	-----
11	56.95	57.25	57.95	56.25	56.54	58.23	57.20	27.6	27.5	31.0	32.7	29	26.9	29.1	34.4	26.9	86	87	69	60	78	81	76.8	-----
12	58.14	58.45	59.18	57.79	57.55	59.50	58.44	26.7	25.5	31.9	32.4	29	27.2	28.8	34.2	25.1	83	91	64	56	72	83	74.8	-----
13	58.83	59.11	59.73	58.39	58.62	60.31	59.16	26.8	26	31.2	32	28.7	27	28.6	33.7	25.8	84	88	67	57	75	85	76	-----
14	59.31	59.48	60.16	58.48	58.57	60.47	59.41	26.8	26.5	31	31.6	29	27.7	28.8	34.2	25.7	86	87	65	63	77	84	77	6.4
15	59.17	59.52	60.16	58.60	58.46	60.45	59.39	26.5	25.8	30.6	31	28.6	26.1	28.1	32.9	25.6	89	92	63	61	70	85	76.7	42.6
16	59.42	59.03	60.16	57.98	58.84	60.36	59.30	25.3	23.9	30	31.9	28.8	26.8	27.8	33.3	23.4	89	97	76	65	78	89	82.3	-----
17	59.35	59.58	60	57.89	59.05	60.51	59.40	25.6	24.8	31.3	32	27.4	26	27.8	33.8	24.5	94	95	73	67	84	89	83.7	6.1
18	59.81	59.97	60.70	58.30	58.67	60.45	59.65	25.5	25.4	28	31	28.2	24.8	27.2	32.2	24.2	94	97	85	75	79	93	87.2	12.7
19	59.39	59.68	60.45	57.70	57.82	59.67	59.12	23.8	23.6	31	31.4	29.6	26	27.6	32.9	23.5	97	97	72	70	78	89	83.8	.3
20	58.92	58.98	59.54	57.59	58.11	60.27	58.90	25.5	24.1	31.3	32.4	29.6	26.4	28.2	33.4	24	89	96	69	70	75	87	81	-----
21	59.22	59.48	60.29	58.37	59.26	61.42	59.67	24.5	24.4	31.6	32.2	29.8	26.6	28.2	33.8	24.1	93	93	66	59	73	85	78.2	-----
22	60.45	60.92	61.38	59.15	59.66	61.14	60.45	25.2	24.7	31.6	32.1	29.5	26.9	28.3	33.7	24.2	92	93	66	66	68	81	77.7	-----
23	60.11	60.34	60.74	58.88	58.21	59.82	59.68	25.5	24.5	31.3	31.7	29.3	26.9	28.2	33.4	24.2	89	95	68	66	76	89	80.5	-----
24	58.82	58.88	59.80	57.83	57.64	59.17	58.69	26	24.5	30.2	31.5	29.5	26.2	28	33.3	24.2	89	95	73	66	74	90	81.2	.3
25	58.32	57.54	59.14	57.85	57.89	59.40	58.36	25.4	24.2	32	31.8	29.6	27.6	28.4	33.7	24.1	94	95	67	66	73	85	80	4.1
26	58.11	58.54	59.17	57.77	56.84	58.41	58.14	27.6	25	28.9	29.1	28.5	27.9	27.8	31.2	24.9	86	96	87	80	83	87	86.5	14.8
27	56.97	56.63	57.18	55.55	55.21	57.42	56.49	27.3	28	31.6	32.2	29.8	27	29.3	33.7	26.7	88	81	70	69	71	83	77	1.4
28	55.66	55.68	56.69	54.43	54.51	56.40	55.56	27.5	27.2	31.6	32.7	30.4	28.5	29.6	33.7	26.6	81	87	70	66	73	77	75.7	-----
29	55.76	55.53	56.09	54.47	55.11	56.70	55.61	26.5	25.7	31.7	32.9	27.4	26.7	28.5	34.4	25.5	88	89	66	63	82	86	79	.3
30	56.24	56.40	56.48	54.49	55.06	56.43	55.85	26	25.4	31.1	32.1	27.8	26.6	28.2	34.4	25	90	93	69	63	82	84	80.2	-----
31	55.87	56.10	56.05	54.60	55.31	55.57	55.58	25.6	25.4	28.4	29.9	25.9	24.7	26.6	31.7	24.1	88	88	78	71	85	92	83.7	1.3
Mean	58.48	58.64	59.32	57.35	57.57	59.26	58.44	26.4	25.6	30.9	31.9	29	27	28.5	33.7	25.2	87.8	90.9	69.2	63.4	75.1	85.1	78.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	90.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	E	ENE	ENE	ENE	ENE	48.1	72.9	79.5	39.1	239.6	9	-----	N.	3	Ci.	Cu.
2	Calm	E	E	ENE	Calm	Calm	20.1	68.1	74.5	11.1	173.8	4	Ci.	Fr.-Cu. ENE	2	-----	Cu.
3	ENE	Calm	E	E	E	Calm	28	69.4	65.2	27.2	189.8	7	A.-Cu.	N.	2	-----	Cu.
4	Calm	E	E	E	NE	Calm	29.5	71	71.3	19.5	191.3	4	Ci.	Cu.	2	-----	Cu.
5	ENE	Calm	ENE	E	Calm	Calm	32.8	56.1	68.6	9.2	166.7	4	-----	Cu. E	2	-----	Cu.
6	ENE	Calm	ENE	E	ENE	Calm	37.2	60.2	76.1	5.6	179.1	4	Ci.	Cu. E	3	Ci.	Cu.
7	Calm	Calm	ENE	ENE	ENE	Calm	15.1	60.9	64.9	16.7	157.6	8	Ci.	Fr.-N. ENE	7	Ci.-S.	Cu.
8	Calm	Calm	ENE	NNE	NE	Calm	7.2	53.1	60.9	3.7	124.9	8	-----	Fr.-N. ENE	6	Ci.	Cu. NE
9	Calm	Calm	NE	NE	NE	ENE	5.6	57.1	57.6	15.5	135.8	7	-----	Fr.-N. NE	2	Ci.	Cu.
10	Calm	Calm	ENE	ENE	ENE	Calm	17.9	40.5	74.5	27.6	160.5	8	-----	Fr.-N. SE	3	Ci.	Cu.
11	ESE	ESE	NE	NE	ENE	Calm	34.3	58.1	65.4	23.5	181.3	10	-----	N. ESE	8	Ci.	Cu.
12	Calm	Calm	ENE	ENE	Calm	Calm	18.5	49.4	54.9	5.9	128.7	4	Ci.	Cu.	3	Ci.	Cu.
13	ENE	Calm	NE	NE	Calm	Calm	35.4	58.4	57.6	8.5	159.9	5	Ci.	N.	7	Ci.	Cu.
14	Calm	Calm	E	ENE	Calm	Calm	36.4	64.4	-----	-----	-----	8	A.-Cu.	N. E	4	Ci.	Cu. ENE
15	Calm	E	E	E	Calm	Calm	-----	-----	-----	-----	-----	5	Ci.	Cu.	5	Ci.	Cu.
16	Calm	Calm	NE	ENE	Calm	Calm	-----	-----	-----	-----	-----	6	Ci.	N.	3	-----	Cu.
17	Calm	Calm	NNE	ENE	Calm	Calm	-----	-----	45.3	9.2	-----	4	Ci.	Cu.	6	Ci.	Cu.-N.
18	Calm	Calm	N	NE	Calm	Calm	6.6	21.9	35.9	8.2	72.6	9	-----	N.	5	Ci.	Cu.-N. ENE
19	Calm	Calm	E	ENE	SW	Calm	6.2	33.2	46.9	9.9	96.2	4	Ci.	N.	4	Ci.	Cu.-N.
20	Calm	Calm	NE	ENE	Calm	Calm	5.4	34.4	54.7	17.9	112.4	5	A.-Cu.	N.	3	-----	Cu.
21	Calm	Calm	NE	NE	Calm	Calm	16.3	33.2	44.5	9.9	103.9	6	Ci.	N.	5	Ci.-S.	Cu.-N.
22	Calm	Calm	ENE	ENE	Calm	Calm	9.1	34.9	48.6	2.2	94.8	4	Ci.	Cu.	3	Ci.	Cu.
23	Calm	Calm	ENE	ENE	Calm	Calm	5.1	38.4	49.9	4.6	98	4	Ci.	Cu. E	2	-----	Cu.
24	Calm	Calm	E	ENE	Calm	Calm	12.4	28.8	47.7	6.1	95	9	-----	Fr.-N. E	8	Ci.-S.	Cu.
25	Calm	Calm	NNE	NW	Calm	Calm	4.8	29	45.9	11.1	90.8	5	Ci.	Cu.	7	Ci.-S.	Cu.
26	Calm	Calm	NW	NW	NW	NW	20.4	38.6	52.5	31.9	143.4	10	-----	N. NW	9	Ci.-S.	Fr.-N. NW
27	Calm	N	N	NW	NW	WNW	44.5	60.4	96.8	44.5	246.2	10	Ci.-S.	Fr.-N. N	7	Ci.	Cu. NW
28	NW	NW	NW	NW	NW	W	36.5	69.8	69.5	35.6	211.4	10	Ci.-S.	Fr.-N. NW	4	Ci.	Cu.
29	Calm	Calm	SW	NW	Calm	Calm	10.3	31.2	67	11.5	120	8	Ci.-S.	N.	8	Ci.	Cu.-N.
30	Calm	S	S	NW	Calm	Calm	7.7	45.4	66.8	25.7	145.6	7	Ci.	N. SW	7	Ci.	Cu. SW
31	SW	SW	SW	SW	S	S	26.9	39.6	56.1	95.5	218.1	10	-----	N. SW	10	Ci.-S.	Fr.-N. SW
Mean	-----	-----	-----	-----	-----	-----	20.7	49.2	60.7	19.2	149.5	6.6	-----	-----	4.8	-----	-----

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.17	55.16	56.64	56.19	56.58	57.99	56.29	26.2	27	26.7	26.7	26.8	26.5	26.6	29.9	25.6	82	77	88	83	79	82	81.8	1.8
2	57.22	57.38	58.63	56.65	57.30	59.04	57.70	25.4	25.6	28.7	28.5	28	26.5	27.1	30.5	25.2	88	85	76	77	75	86	81.2	12.7
3	58.17	58.61	58.79	57.50	58.54	59.60	58.54	25.9	24	27.7	29.5	26	24.8	26.3	31.9	23.7	86	97	83	78	86	95	87.5	2.8
4	58.44	58.28	58.95	56.62	58.56	59.82	58.44	24.9	24.5	30.5	33.4	25.9	25.5	27.4	35	24.2	94	97	70	54	85	92	82	.3
5	58.79	59.14	59.80	58.43	59.25	61.12	59.42	25	24.4	29.9	31.5	25.2	24.7	26.8	32.6	23.9	94	97	80	73	93	94	88.5	2
6	60.04	60.39	60.59	58.38	59.08	60.35	59.80	23.8	23.3	31.5	32.5	29.7	27.7	28.1	34.2	23.2	97	97	65	66	77	87	81.5	17.8
7	59.66	59.79	60.41	58.31	58.15	59.91	59.37	26.5	24.6	30.8	31	29.3	26.4	28.1	33.2	24.2	90	97	72	70	70	88	81.2	------
8	59.07	58.93	59.73	58.18	57.84	59.55	58.88	25.7	25	31	32.4	29.2	27	28.4	33.5	24.7	91	95	70	64	78	90	81.3	------
9	58.52	58.81	59.36	57.79	57.86	59.66	58.67	26.1	25.8	31.5	32	29.3	27	28.6	33.5	25.6	94	96	69	65	72	86	80.3	------
10	59.02	59.40	59.95	58.49	58.52	60.22	59.27	26	25.3	30.5	32.2	29.4	27.2	28.4	33.8	24.5	92	94	72	69	79	89	82.5	------
11	59.30	59.67	59.71	58.20	57.90	59.45	59.04	25.8	25.6	31.8	31.7	29.6	27.2	28.6	33.6	25	95	95	68	65	73	87	80.5	4.6
12	58.77	59.46	59.39	57.68	57.59	59.21	58.68	26.2	24	30.7	31.1	28.8	26.2	27.8	32.9	23.6	93	96	73	71	73	90	82.7	------
13	58.48	58.68	59.13	57.41	57.62	58.98	58.38	25.3	24.8	28	29.2	28.6	25.8	27	32	24.5	93	95	89	81	78	92	88	31.2
14	58.93	59.87	59.70	57.96	57.69	59.87	59	24.5	23.8	27.7	31	29	26.6	27.1	32.4	23.5	91	91	80	69	78	92	83.5	1.3
15	58.94	59.20	59.06	57.20	57.39	58.62	58.40	26	24.9	31.1	31.1	29.4	28.7	28.5	33.2	24.2	94	93	63	64	71	78	77.2	1.5
16	57.97	57.97	58.38	56.19	56.50	57.57	57.43	26	25.2	31.1	31.9	29.9	27.7	28.6	33.3	25.2	94	96	71	65	71	84	80.2	------
17	57.07	57.47	57.79	56.18	56.77	58.18	57.24	26.8	25.1	30.9	31.7	29.2	26.5	28.4	33	24.7	86	91	72	68	78	90	80.8	1.8
18	56.42	55.96	56.47	54.22	53.88	55.43	55.40	26.3	26.6	27.3	28.3	25.9	24.5	26.5	29.8	23.8	90	87	88	80	93	96	89	34.3
19	55.29	55.40	56.66	56.68	56.69	57.98	56.45	23.8	24.3	24.1	24.5	24.9	24.8	24.4	26.4	23.7	95	95	96	96	94	95	95.2	34.3
20	57.60	57.63	57.85	56.54	58.34	59.88	57.97	24.5	25.3	29	30.8	25.4	25.1	26.7	32.3	24.2	97	90	80	74	93	95	88.2	14.7
21	58.85	58.71	59.46	58.11	58.78	60.11	59	24.3	23.9	30.6	30.2	26.1	25	26.7	32.9	23.4	96	96	65	76	91	93	86.2	------
22	59.43	59.44	59.64	57.83	58.55	59.88	59.13	24.4	23.9	29.8	31	28.6	26	27.3	32.8	23.4	96	97	71	67	78	89	83	30.2
23	58.79	59.34	59.94	58.09	57.84	59.40	58.90	25	23.8	29.9	30.5	28.6	26.7	27.4	31.8	23.5	92	97	78	74	81	90	85.3	.3
24	57.98	58.23	58.97	57.55	57.10	58.46	58.05	25.8	24.8	29.8	29.6	27.9	26.3	27.4	31.8	24.4	93	96	77	77	84	91	86.3	5.3
25	57.52	57.73	58.55	56.94	57.07	58.56	57.73	25.2	24.7	28.6	30.1	28.3	26.6	27.2	31.8	24.2	95	96	78	71	80	92	85.3	6.1
26	57.62	57.69	57.98	56.97	56.86	57.91	57.50	25.1	24.8	29.3	30.8	28.4	26.7	27.5	31.9	23.2	96	97	80	76	71	86	84.3	.3
27	57.22	56.69	57.29	56.25	55.45	56.72	56.60	25.2	25	30.1	30	28.2	26	27.4	31.5	24.9	93	93	69	71	80	88	82.3	------
28	56.13	55.68	56.04	54.61	55.24	56.74	55.74	25.4	24.1	30.5	26.9	26	25.2	26.4	33.5	23.7	90	95	68	94	96	94	89.5	12.8
29	56.39	56.27	56.87	55.29	55.90	57.94	56.44	24	25.3	29	28.9	27.6	26	26.8	31	23.8	96	91	81	75	87	93	87.2	.9
30	57.02	56.79	56.66	55.86	55.67	57.10	56.52	24.1	23.9	30.5	28.5	27.2	25.5	26.6	31.9	23.8	96	97	72	88	80	88	86.8	.8
Mean	57.99	58.13	58.61	57.08	57.35	58.84	58	25.3	24.8	29.6	30.2	27.9	26.2	27.3	32.3	24.2	92.6	93.9	75.5	73.4	80.8	89.7	84.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	217.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	S	S	S	98.2	114.9	112.9	89.6	415.6	9	Ci.-S.	N.	10	Ci.-S.	Fr.-N. S
2	S	S	S	S	S	Calm	70.2	65.7	74.6	23.3	233.8	10	------------	N. S	9	Ci.-S.	N.
3	S	Calm	S	SW	SW	Calm	24.7	45.6	60.9	11.3	142.5	10	------------	N.	10	Ci.-S.	Fr.-N. S
4	Calm	Calm	SSE	S	Calm	Calm	7.7	45.7	55	7.7	116.1	8	Ci.-S.	N.	6	------------	Fr.-Cu. S
5	Calm	Calm	Calm	NE	Calm	Calm	10.2	29	44	6.1	89.3	8	Ci.	N.	8	Ci.	N.
6	Calm	Calm	SE	NE	NE	Calm	4	24.9	62.5	8.2	99.6	9	Ci.-S.	N.	3	Ci.	Cu.
7	NE	Calm	ENE	NNE	Calm	Calm	14.7	28.4	53.9	3.4	100.4	7	Ci.	Cu.-N. NE	9	Ci.-S.	N.
8	Calm	Calm	ENE	E	Calm	Calm	8.5	37.2	51.3	1.6	98.6	7	Ci.	Cu. NE	7	Ci.	Cu. E
9	Calm	Calm	NE	NE	Calm	Calm	5.6	60.6	56.5	2.7	125.4	6	------------	Cu.-N. NE	2	Ci.	Cu.
10	Calm	Calm	ENE	ENE	Calm	Calm	2.9	29.6	57.4	1.4	91.3	8	Ci.	Fr.-N. NE	4	Ci.	Cu.
11	Calm	Calm	E	NE	Calm	Calm	4.5	36.4	56.9	2.4	100.2	7	Ci.	N. NE	7	Ci.	Cu.
12	Calm	Calm	Calm	NE	Calm	Calm	14.8	15.9	48.6	2.2	81.5	8	Ci.	N.	3	Ci.	Cu.
13	Calm	Calm	Calm	NNE	Calm	Calm	6.1	17.5	32.4	3.8	59.8	10	------------	Fr.-N. NE	7	Ci.	Cu.-N. S
14	ENE	Calm	Calm	NE	Calm	Calm	20.1	11.1	43.3	2.4	76.9	10	------------	N.	5	Ci.	Cu.
15	E	Calm	E	NE	Calm	Calm	17.2	43	40.5	20.7	121.4	4	------------	Fr.-Cu. NE	3	------------	Cu.
16	Calm	Calm	NE	NE	Calm	N	13.9	47.7	49.9	24.6	136.1	8	Ci.	N.	6	Ci.	Cu. NE
17	Calm	Calm	NE	NNW	Calm	Calm	16.3	32	54.4	24.1	126.8	10	------------	N. NE	6	Ci.	Fr.-Cu. N
18	NNW	W	W	NW	WNW	SW	42.8	73.7	121.8	92.2	330.5	10	------------	N. WNW	10	Ci.-S.	Fr.-N. NW
19	SSW	S	S	S	Calm	S	51.3	65.8	45.4	43.8	206.3	10	------------	N. S	10	------------	N.
20	S	S	S	NNW	WSW	Calm	37	62.5	42	11.5	153	10	Ci.-S.	N. S	10	Ci.-S.	Fr.-N. S
21	Calm	Calm	SW	SW	Calm	Calm	10	40.8	38.8	17.1	106.7	10	------------	N.	8	Ci.	N. S
22	Calm	Calm	Calm	ENE	Calm	Calm	2.4	22.2	49.3	6.7	80.6	9	Ci.	N.	6	Ci.	Cu.
23	Calm	W	NNW	N	Calm	Calm	19	36.4	36	2.6	94	8	Ci.-S.	Cu.	5	Ci.	Cu.
24	Calm	Calm	NNW	N	Calm	Calm	12.9	24.1	37.8	7.8	82.6	8	Ci.	N. NE	9	Ci.-S.	N.
25	Calm	Calm	Calm	NE	Calm	Calm	13.7	27.9	30.9	3	75.5	10	------------	N.	8	Ci.-S.	Fr.-N. NE
26	NNW	Calm	NW	NW	NE	Calm	12.1	37.6	61.2	25.4	136.3	6	Ci.	N.	9	A.-Cu.	N. NW
27	Calm	Calm	WSW	W	Calm	Calm	9.4	35.6	44.3	12.3	101.6	10	------------	N.	10	Ci.-S.	N. W
28	Calm	Calm	SW	SW	Calm	Calm	12.6	26.8	29.2	11.8	80.4	6	Ci.-Cu.	Fr.-N.	8	Ci.-S.	N. SW
29	Calm	SW	SW	SSW	Calm	Calm	24.9	41	33.2	8	107.1	8	Ci.	N. SW	10	Ci.-S.	N.
30	Calm	Calm	S	Calm	S	Calm	21.7	38	23	11.5	94.2	9	Ci.-S.	N.	8	Ci.-S.	N.
Mean	------	------	------	------	------	------	20.3	40.6	51.6	16.3	128.8	8.4	------------	------------	7.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	3,864.1	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.79	56.25	57.11	56.42	56.99	59.17	57.12	25.1	24.8	29.1	28.4	26	25.2	26.4	31.1	24.5	91	93	77	75	86	92	85.7	------
2	57.64	57.65	57.99	56.40	57.43	58.75	57.64	24.4	23.4	31	31.3	25.6	25	26.8	32.6	23.1	94	96	68	63	91	93	84.2	1.3
3	57.85	57.85	57.69	55.98	56.55	57.67	57.26	24.2	24	30.8	31.8	28.3	26	27.5	33.3	23.2	95	96	67	61	74	81	79	------
4	56.52	56.39	57.02	55.35	55.57	57.31	56.36	25	23.9	29.3	31.2	29	25.7	27.4	32.4	23.2	87	94	72	62	66	87	78	6.7
5	56.35	56.01	56.44	55.75	55.91	56.87	56.22	24.5	23.9	27.3	28.3	26.2	25	25.9	30.6	23.5	96	96	75	74	79	94	85.7	1.9
6	55.84	55.73	55.74	54.52	54.60	56.17	55.43	23.7	23.9	27	29.6	27.3	25.5	26.2	31.3	23.5	96	96	85	71	78	89	85.8	.5
7	55.33	55.24	55.51	54.54	54.77	56.71	55.35	25.4	25.9	30.5	31.9	27.7	27	28.1	33.5	25.2	90	88	70	58	79	83	78	------
8	56.24	55.99	56.46	55.70	56.35	58.41	56.52	26.1	25.9	30.6	31.3	28.9	26.3	28.2	33.6	25.5	88	88	70	70	82	90	81.3	1.8
9	57.27	57.03	57.14	56	56.75	58.05	57.04	25.3	24.9	31.5	33.2	29.3	26.5	28.4	34.2	24.7	95	97	70	63	79	88	82	------
10	57.27	57.33	57.60	56.51	56.84	57.98	57.26	24.8	24.9	31.5	33.5	30.5	26.8	28.7	35.2	24.3	94	93	65	55	72	87	77.7	------
11	57.15	57.49	57.94	56.75	57.11	57.92	57.39	26.6	26.5	31.2	33.5	29.6	27.3	29.1	34.8	26	88	88	72	62	75	84	78.2	------
12	56.95	57.17	58.05	56.99	57.40	58.87	57.57	26.1	26.3	31	32.4	29.3	27.1	28.7	34.2	25.9	92	91	70	64	76	87	80	------
13	57.98	57.62	58.13	57.29	57.75	58.68	57.91	26.3	25.7	32.2	29.9	28	26.5	28.1	34.2	25.4	91	93	66	77	84	90	83.5	------
14	58.17	58.49	59.15	57.83	57.89	59.41	58.49	25.6	25.3	31.5	32.8	29.2	26.8	28.5	34.9	24.7	94	94	66	57	70	90	78.5	------
15	58.78	58.83	58.85	57.29	57.70	58.85	58.38	25.2	24.9	32.5	33.4	30.6	27.4	29	35.2	24.8	97	97	58	62	62	70	74.2	------
16	57.67	57.68	57.82	55.89	56.72	57.64	57.24	24.9	24.4	31.9	32	27.2	25.7	27.7	35.2	23.9	88	93	61	67	80	89	79.7	------
17	56.72	56.71	57.61	56.44	56.94	57.94	57.06	24.8	24	29.9	29.6	23.6	24.4	26	32.8	23.2	93	92	65	71	95	92	84.7	56.4
18	56.94	57.04	57.40	55.80	56.71	57.94	56.97	24.4	24.3	29.9	29.2	26.1	25.1	26.5	32.3	23.8	92	94	69	77	90	91	85.5	15.3
19	57.12	57.34	57.61	55.86	56.44	57.88	57.04	24.2	24.3	29.7	30.9	25.6	25	26.6	32.4	23.5	96	96	77	68	90	93	86.7	.3
20	57.28	57.25	58.12	56.34	56.79	58.40	57.36	24	23.9	28.4	30.1	25	24.1	25.9	31.9	23.1	97	97	78	71	92	95	88.3	.8
21	57.63	57.66	58.47	56.50	56.85	58.92	57.67	23.5	23.9	28	30	27.9	25.4	26.4	32.2	23.4	97	97	82	73	82	88	86.5	.3
22	57.19	56.94	56.86	55.45	55.87	57.18	56.58	23.7	23.5	29.1	29.9	26.7	25.5	26.4	32.4	22.3?	94	94	74	72	86	92	85.3	------
23	56.22	55.33	55.55	54.16	54.73	55.97	55.33	24.7	24.1	29	31	26.6	25.2	26.8	32.7	23.5	94	96	76	65	87	92	85	------
24	55.60	55.52	56.22	55.72	56.09	57.79	56.16	25.2	24.9	28	27.2	26.2	24.9	26.1	32.4	24.2	92	92	78	78	88	91	86.5	1.3
25	57.02	55.99	56.86	56.26	56.42	57.92	56.74	24	25.4	31.5	28.3	25.5	25.4	26.7	33.9	23.7	96	84	66	75	91	85	82.8	10.2
26	57.07	56.86	56.94	56.11	57.05	58.17	57.03	24	24.7	30.4	31.1	27.1	25.8	27.2	32.9	23.9	95	94	75	69	83	89	84.2	------
27	57.94	57.84	58.05	57.26	57.88	59.72	58.12	25.6	24.9	28.7	30.5	24.4	23.7	26.3	31.4	23.2	88	85	80	72	93	95	85.5	20.6
28	58.51	58.79	59.33	58.26	58.96	59.95	58.97	24.6	23.9	30.5	31.6	29	25	27.4	32.7	23.3	93	98	72	70	78	90	83.5	------
29	59.22	59.26	59.97	58.26	58.87	60.35	59.32	23.7	22.6	30.4	31.4	29.1	26	27.2	33.3	22.2	96	97	76	66	74	92	83.5	------
30	59.53	59.63	59.92	57.59	58.25	59.58	59.08	24.6	23.9	29.5	31	29.5	26	27.4	32.8	23.2	96	97	78	64	71	88	82.3	2
31	59.22	59.45	59.99	58.07	58.02	59.74	59.08	23.4	23.4	28.6	29.8	29	27.4	26.9	32	23	97	97	77	73	75	85	84	------
Mean	57.32	57.24	57.66	56.36	56.85	58.26	57.28	24.8	24.5	30	30.8	27.5	25.8	27.2	33	23.9	93.3	93.6	72.1	67.9	80.9	88.8	82.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	119.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	Calm	Calm	18.8	44	37	20.4	120.2	10	Ci.-S.	N.	9	Ci.-S.	N. SW
2	Calm	Calm	Calm	NNW	Calm	Calm	9.7	26.8	46.4	15.1	98	6	Ci.	Cu.	4	Ci.	N.
3	Calm	Calm	NW	NW	NW	Calm	6.6	28.5	66	31.7	132.8	7	Ci.	N. SW	8	Ci.	N. NW
4	Calm	Calm	NW	NW	W	Calm	5.9	55.7	81.1	26.8	169.5	10	Ci.-S.	N.	9	Ci.-S.	N. WNW
5	Calm	S	SW	SW	Calm	Calm	15	26.9	42.1	15.6	99.6	10	--------------	N.	10	Ci.-S.	Fr.-N.
6	Calm	Calm	Calm	SW	S	Calm	8.7	19.6	40	21.9	90.2	10	Ci.-S.	N. SW	9	Ci.-S.	Fr.-N.
7	SSW	SW	S	S	S	SE	34.9	54.1	68.4	73.2	230.6	6	Ci.	N.	5	Ci.	Fr.-Cu. SW
8	Calm	SSW	S	WNW	Calm	Calm	41	42.1	29.6	25.7	138.4	9	Ci.-S.	N. SW	9	--------------	N. SW
9	Calm	S	SW	NW	Calm	Calm	18	40.8	45.4	9.7	113.9	4	Ci.	Cu.	8	Ci.	N. SW
10	Calm	Calm	SW	W	Calm	Calm	6.6	28.2	63.9	14.3	113	9	Ci.-S.	N.	8	Ci.-S.	Fr.-N. W
11	SSW	S	SE	NW	SW	Calm	24.4	35.2	37.2	26.9	123.7	10	Ci.-S.	Fr.-N. W	8	Ci.	Fr.-N. SW
12	Calm	Calm	SE	NW	SW	SW	19.9	24.3	38.3	34.8	117.3	10	Ci.-S.	N. SW	8	Ci.	N. SW
13	Calm	Calm	Calm	Calm	Calm	Calm	23.6	30.9	27.7	31.4	113.6	8	Ci.-S.	N. W	8	--------------	Fr.-N. S
14	SE	Calm	Calm	NW	Calm	Calm	28.2	37.5	42.6	5.8	114.1	5	Ci.	N.	7	Ci.	N. SW
15	Calm	Calm	W	NW	W	W	16.4	35.1	62.5	37.5	151.5	4	Ci.	N.	6	Ci.	Cu.-N.
16	Calm	Calm	W	NW	W	Calm	4.6	42.3	81	18.5	146.4	7	Ci.	N.	8	Ci.-S.	Fr.-N. SW
17	W	Calm	SW	S	S	S	27.2	31.1	37	43.5	138.8	7	Ci.	N.	10	Ci.-S.	Fr.-N. S
18	S	S	SSW	NW	S	S	34	38.6	26.6	33.8	133	6	Ci.	N.	10	--------------	N. SW
19	S	S	SSE	N	S	Calm	24.7	35.4	51.5	15.5	127.1	5	Ci.	N.	6	Ci.	Cu.-N.
20	Calm	Calm	SE	NE	Calm	Calm	8.3	29.2	42.4	6.2	86.1	9	Ci.-S.	N.	7	Ci.	Cu.
21	Calm	Calm	NE	N	Calm	SW	8.2	29	41.8	22.7	101.7	9	Ci.-S.	N.	9	Ci.-S.	N.
22	Calm	Calm	NW	N	SSE	Calm	6.2	20.7	43.5	14.7	85.1	9	Ci.-S.	N.	8	Ci.	N. SW
23	Calm	Calm	Calm	N	SSE	Calm	14.7	28.7	38.3	15.6	97.3	3	Ci.	Cu.	6	Ci.	N. SW
24	Calm	Calm	SW	S	SSE	Calm	25.7	32.4	44.8	15.8	118.7	9	Ci.-S.	N.	10	Ci.-S.	N. SW
25	Calm	S	SSE	NW	Calm	S	37.6	69.5	48	37	192.1	7	Ci.	N.	10	--------------	Fr.-N. SW
26	S	S	S	S	Calm	Calm	30.8	56.8	45.6	22.5	155.7	8	Ci.	N.	9	Ci.	Fr.-N.
27	S	S	S	S	Calm	Calm	28.4	33.6	25.4	15	102.4	10	--------------	N.	10	Ci.-S.	N. SW
28	Calm	Calm	SE	NE	Calm	Calm	12.9	34	43.7	8.9	99.5	9	Ci.-S.	N.	4	Ci.	Cu. SW
29	Calm	Calm	Calm	N	Calm	Calm	4.5	15.9	44.6	5.3	70.3	4	Ci.	N.	7	Ci.-S.	Cu.-N. NE
30	Calm	Calm	NW	N	Calm	Calm	4.5	26	41.6	7.4	79.5	9	Ci.-S.	N.	4	Ci.	N.
31	Calm	Calm	SE	N	Calm	Calm	18.7	31.2	38.8	12.9	101.6	10	--------------	N.	8	Ci.	Fr.-N. SE
Mean	------	------	------	------	------	------	18.3	35	45.9	22.1	121.3	7.7	--------------	--------------	7.8	--------------	--------------
Total	------	------	------	------	------	------	------	------	------	------	3,761.7	----	--------------	--------------	----	--------------	--------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.10	59.46	59.74	57.95	58.51	60.07	59.14	25	23.5	30	31	28.9	25.5	27.3	32.7	22.5	93	92	65	67	73	89	79.8	-----
2	59.29	59.31	59.31	57.78	57.39	59	58.68	24.4	24.2	30.5	31.3	28.9	27.4	27.8	32.4	23.3	94	94	72	70	75	85	81.7	3.6
3	58.50	58.25	58.57	56.65	57.36	59.20	58.09	26	23.9	29.9	31.1	28.4	24.4	27.3	32.3	22	94	96	72	65	75	97	83.2	29
4	57.88	57.83	58.24	56.84	57.71	58.99	57.92	24	23.9	29	30.4	25.4	23.4	26	31.9	23	97	97	78	72	85	94	87.2	-----
5	58.09	57.80	58.70	57.01	57.73	59.25	58.10	23	22.7	30.4	31	24.6	24.7	26.1	32.4	22.2	96	97	70	66	88	92	84.8	1
6	58.15	58.09	59.01	57.29	57.42	58.98	58.16	24.5	23.7	28.7	29.3	25.1	24.2	25.9	31.9	23.2	93	97	77	75	95	96	88.8	30.5
7	58.39	58.45	59.03	57.14	57.53	58.95	58.25	23.6	23.5	26.9	29.9	25.5	24.7	25.7	31.3	22.5	96	96	85	66	92	94	88.2	2.8
8	57.75	57.76	58.44	57.79	57.65	59.01	58.07	23.8	23.3	28.4	25.8	24.5	24.4	25	31.3	22.5	94	94	75	89	92	94	89.7	2.1
9	57.71	57.71	58.51	56.90	57.29	58.55	57.78	24	23.9	29.3	28	25.4	24.9	25.9	32.2	23.1	97	97	70	78	94	97	88.8	15.5
10	57.32	57.35	57.84	56.89	56.58	58.24	57.37	24.2	23.6	27.5	25.2	24.6	23.9	24.8	28.4	22.9	97	96	84	92	91	97	92.8	24.9
11	56.06	54.90	55.57	54.48	54.71	56.65	55.40	22.5	22.9	26	27.5	26.2	24.2	24.9	29.7	22.2	97	97	89	78	86	94	90.2	18
12	55.71	55.06	55.37	54.51	54.48	56.04	55.20	23.2	23.2	26	29	26.7	25.5	25.6	30.3	23	98	98	90	71	83	90	88.3	16.3
13	55.54	56.46	56.17	55.17	55.67	58	56.17	24.4	23.6	26	26.9	26.8	25.2	25.5	30.2	22.9	95	95	89	92	84	91	91	7.8
14	57.62	57.21	56.73	55.72	56.77	58.23	57.05	24	23.4	27.7	30	25.2	25.1	25.9	32	22.9	93	93	76	73	95	97	87.8	18.5
15	57.82	57.86	58.24	56.41	57.27	59.09	57.78	24.5	23.9	29.6	30.7	25	24.1	26.3	32	23.2	97	97	76	73	88	93	87.3	-----
16	57.71	57.68	58.53	56.40	56.94	58.29	57.59	24	23.2	30.2	30.9	28.4	26.1	27.1	32.3	22.6	93	97	67	67	75	91	81.7	-----
17	57.89	57.96	58.92	57.05	57.15	59.05	58	24.4	23.6	30.7	31.6	29.1	26.7	27.7	32.7	22.6	92	96	64	63	74	86	79.2	23.9
18	58.22	57.80	58.64	56.66	57.21	59.07	57.93	25.4	23.6	29.8	30.9	28.6	25.8	27.4	32.3	23.5	90	98	74	70	82	93	84.5	-----
19	57.60	57.54	58.35	56.80	56.66	59.12	57.68	24.5	23.5	30.5	30.6	27.8	25.5	27.1	32.9	23	96	96	70	69	87	92	85	7.4
20	57.64	57.33	58.26	55.88	56.22	57.56	57.15	24.5	24.1	30	31.2	27.1	25.5	27.1	33.2	23.5	95	95	71	68	90	93	85.3	27
21	56.65	56.66	56.92	54.93	55.51	57.03	56.28	23.9	23.7	28.6	30.9	27.6	26.3	26.8	32.3	23.2	97	97	79	71	81	86	85.2	-----
22	56.82	57.08	57.52	56.47	56.90	58.43	57.20	24.5	24	30.5	28.2	27	26	26.7	31.4	23.2	97	97	72	88	88	89	88.5	19.8
23	58.09	58.42	58.87	57.55	57.95	59.32	58.37	25.8	25.8	28.5	30.8	25.3	25.4	26.9	32.2	24.6	88	85	80	67	90	92	83.7	15.8
24	59.05	59.10	59.35	57.81	58.26	60.07	58.94	23.7	22.3	31	30.5	27.5	24.6	26.6	33.8	21.8	94	88	65	72	86	89	82.3	4.8
25	58.68	58.36	58.59	56.98	57.11	58.42	58.02	22.7	22.3	31	31.7	28.6	26.1	27.1	33.6	21.7	94	95	62	64	77	89	80.2	-----
26	57.47	57.01	57.15	55.48	56.25	57.38	56.79	24.7	24.7	31	33.4	28.1	25.7	27.9	34.3	23.8	94	92	67	54	79	90	79.3	-----
27	56.45	55.94	56.24	54.93	55.84	57.85	56.21	24.5	25.1	32	31.8	28.6	26.9	28.2	34.6	24	96	90	58	64	77	81	77.7	-----
28	57.32	57.80	57.98	56.47	57.32	59.15	57.67	25.6	24.3	31.2	31.3	29	26.8	28	34.6	23.7	88	89	61	64	72	86	76.7	-----
29	58.23	58.72	58.83	57.27	57.99	59.65	58.45	25.5	24.5	31.7	33.4	29.5	26.8	28.6	34.8	24.2	89	89	63	54	73	85	75.5	-----
30	58.57	58.39	59.35	57.22	57.39	59.10	58.34	26	25	31.2	33.2	29.6	26.2	28.5	35	24.4	88	92	61	54	62	86	73.8	-----
31	57.68	56.52	57.64	55.88	57.02	57.91	57.11	24.9	24.8	32	26.6	27.4	25.4	26.8	33.8	23.9	94	92	66	89	88	86	85.8	5.3
Mean	57.71	57.61	58.08	56.53	56.96	58.57	57.58	24.4	23.8	29.5	30.1	27.1	25.4	26.7	32.4	23.1	94.1	94.3	72.5	71.1	83.1	90.8	84.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	274

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	NNE	Calm	Calm	5.1	25.2	52.5	6.4	89.2	5	Ci.	Cu.	3	Ci.	Cu.
2	Calm	Calm	NW	NNE	NNW	W	6.9	30.8	53.4	24.3	115.4	6	Ci.	N.	2	Ci.	Cu.
3	Calm	Calm	W	N	N	Calm	19.6	36.4	60.6	24.9	161.5	8	Ci.	N. N	7	Ci.-S.	Cu.
4	W	Calm	Calm	NW	NW	Calm	10.5	13.9	45.1	12.9	82.4	8	Ci.-S.	N.	4	Ci.-S.	N.
5	Calm	Calm	SE	NNW	Calm	Calm	2.2	30	42.1	8	82.3	7	Ci.	N.	7	Ci.-S.	Cu.-N.
6	Calm	Calm	S	SE	Calm	Calm	17.4	43	27.2	14.5	102.1	7	Ci.	N.	9	-----	Fr.-N. SE
7	Calm	Calm	S	N	Calm	Calm	17.2	27.7	38.6	7.7	91.2	10	-----	N.	7	A.-Cu.	Cu.-N.
8	Calm	Calm	Calm	S	Calm	Calm	17.1	24.1	27.7	9.4	78.3	7	Ci.	N.	10	-----	N.
9	Calm	Calm	Calm	Calm	Calm	SSE	12.9	26.6	23.9	13.4	76.8	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. S
10	Calm	Calm	SSW	S	S	W	12.4	45.7	39.2	41	138.3	8	Ci.-S.	N.	10	-----	N.
11	Calm	Calm	Calm	SSE	Calm	Calm	19.5	16.6	37.8	23.9	97.8	8	Ci.-S.	N.	9	Ci.-S.	N. SW
12	Calm	Calm	SSW	SSW	SSW	Calm	23.6	33.8	42.6	26.9	126.9	10	-----	N.	10	Ci.-S.	Fr.-N.SW
13	SSW	Calm	SW	Calm	SSW	SSW	31.6	44.6	44.6	63.8	184.6	10	-----	N. SW	10	Ci.-S.	N.
14	Calm	Calm	S	SSE	Calm	Calm	30.6	62	35.9	10	138.5	10	-----	N.	9	Ci.-S.	N. S
15	Calm	Calm	S	NW	Calm	Calm	4.2	19.8	55.5	8.2	87.7	8	Ci.-S.	N.	5	Ci.	N. SW
16	Calm	Calm	W	NW	NW	Calm	1.8	38	58.5	9.4	107.7	6	Ci.	N.	7	Ci.	N.
17	Calm	Calm	NW	NW	NW	Calm	4.3	44.8	71.8	15.3	136.2	4	Ci.	N.	3	Ci.	Cu.
18	NW	Calm	NW	NW	Calm	Calm	18.3	23	45.4	7.2	93.9	9	Ci.-S.	Fr.-N.	3	Ci.	Cu.
19	Calm	Calm	Calm	NW	Calm	Calm	3.2	16.6	31.2	11.6	62.6	6	Ci.	N.	8	Ci.	N. SW
20	Calm	Calm	Calm	NW	Calm	Calm	7.5	25.5	32.8	16.4	82.2	7	Ci.-S.	N.	9	Ci.-S.	N. SW
21	Calm	Calm	SW	S	S	S	4.6	40.7	50.2	25.9	121.4	10	Ci.-S.	N.	10	Ci.-S.	N. SW
22	Calm	Calm	S	Calm	S	S	4.6	24.4	19.1	44.3	92.4	8	Ci.-S.	N.	10	-----	N. SW
23	S	S	S	S	Calm	S	61	45.9	30	42.4	179.3	10	Ci.-S.	N. SW	8	Ci.-S.	Fr.-N.SW
24	Calm	Calm	SW	Calm	Calm	Calm	7.2	34.8	18.3	7.8	68.1	4	Ci.	N.	8	-----	N. SW
25	Calm	Calm	SW	WNW	SSW	Calm	2.9	43.1	29.6	23.6	99.2	6	Ci.	N.	8	Ci.-S.	Fr.-N.SW
26	Calm	Calm	SW	WNW	SW	Calm	14.8	30.3	45.1	21.4	111.6	9	Ci.-S.	N.	9	Ci.	N. SW
27	Calm	SSW	S	SSW	S	S	26	68.1	70.5	43	207.6	8	Ci.-Cu.	Fr.-N. SW	8	Ci.	Fr.-N.SW
28	Calm	S	S	SSW	S	Calm	17.9	67.1	45.6	28.5	159.1	6	Ci.	N.	8	-----	Fr.-N.SW
29	Calm	S	S	S	SSE	Calm	16.9	41	41.5	21.9	121.3	4	Ci.	Fr.-N. SW	5	Ci.	Cu.-N.SW
30	Calm	Calm	Calm	NW	Calm	Calm	15.6	22.2	40.2	17.5	95.5	4	Ci.	N.	8	Ci.	Fr.-N.SW
31	Calm	Calm	SSW	Calm	Calm	Calm	6.2	24.9	12.9	15.6	59.6	6	Ci.-S.	N.	9	-----	N. SW
Mean	-----	-----	-----	-----	-----	-----	14.3	35.2	40.9	20.9	111.3	7.4	-----	-----	7.5	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,450.7	-----	-----	-----	-----	-----	-----

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.62	56.42	57.11	55.79	56.12	57.69	56.62	25.3	25.6	29.8	30.7	27.9	26.2	27.6	32.8	25	90	90	75	64	71	82	78.7	------
2	56.19	56.35	57.24	55.39	55.81	56.69	56.28	25.6	25.1	31	31.2	26.6	25.5	27.5	34.3	24.3	87	91	69	65	88	94	82.3	7.5
3	56.13	56.21	56.26	54.51	55.17	57.24	55.92	25	24.2	29.5	30.5	27.9	24.7	27	32	23.5	94	94	72	67	78	94	83.2	5.1
4	56.04	55.62	56.36	54.56	54.76	56.57	55.65	23.8	24.6	29	30.8	28.2	25.2	26.9	32.3	23.8	97	97	78	71	80	94	86.2	.5
5	55.67	55.37	56.16	54.88	54.30	56.47	55.48	24.2	24.6	30	32.6	27.8	26.1	27.6	33.8	23.8	97	95	75	63	81	92	83.8	.5
6	55.68	55	55.61	53.39	54.67	56.42	55.13	25.5	25.6	30.2	32.8	28.5	27.1	28.3	34.4	25.2	94	91	73	55	78	83	79	3.3
7	55.80	54.89	55.97	55.22	55.64	57.04	55.76	26	25	30.5	27.7	26.8	25.7	27	32.5	23.6	90	96	73	88	83	94	87.3	3.3
8	55.92	56.28	57.26	55.69	55.94	57.17	56.38	25.1	25.4	27.5	26.9	25.1	24.8	25.8	28.8	23	95	93	88	84	95	97	92	20.4
9	56.35	55.96	57.26	56.51	57.18	57.91	56.86	23.2	24.1	28.5	26.5	24.5	24.2	25.2	30.1	23	97	94	85	90	97	95	93	16
10	56.93	57.32	57.98	56.80	56.97	58.49	57.42	23.6	23.4	30.2	29	27	25.7	26.5	31.7	22.9	95	92	71	71	83	91	83.8	------
11	57.62	57.94	58.70	56.92	57.83	59.50	58.08	24.8	24.9	29.8	29.5	26.6	26.1	27	32.1	24.1	93	92	76	75	90	95	86.8	.5
12	58.09	58.29	59.15	57.01	57.62	59.17	58.22	25.2	24.6	28.8	29.4	27.6	25.5	26.8	31.4	24	95	95	79	76	83	88	86	------
13	58.15	57.86	58.65	56.94	57.34	59	57.99	24.5	23.5	28	30.1	26.2	25	26.2	32	22.8	93	92	71	73	76	87	82	2.8
14	58.63	58.62	59.31	57.69	58.60	61.50	59.06	24.2	23.1	27.9	29.6	26.3	23.6	25.8	31.5	22.5	97	95	75	70	90	93	86.7	21.6
15	59.20	59.35	60.25	58.02	58.38	59.76	59.16	23	23	29.2	30.4	26.6	25.1	26.2	31.9	22.5	97	97	71	68	83	92	84.7	------
16	58.59	58.65	59.57	57.54	57.66	59.26	58.54	24.2	23.1	30.7	30.2	26.7	25.5	26.7	32	22.3	93	97	68	69	82	91	83.3	------
17	58.27	58.61	58.85	56.54	56.96	59.38	58.10	25.4	24.5	30.3	30.7	28.5	26.3	27.6	32.1	23.3	87	89	73	69	81	90	81.5	------
18	58.17	58.53	59.53	57.45	58.67	59.98	58.72	25	24	30.8	30.9	26.4	24.8	27	32.8	23.7	93	96	68	69	82	90	83	------
19	59.53	59.87	60.50	58.23	59.34	61.17	59.77	23.7	22.9	30.8	31.4	28.4	25.7	27.2	33.1	22.2	96	97	70	66	79	91	83.2	------
20	59.82	59.83	60.76	58.69	59.20	60.20	59.75	24.1	23	31.2	31.4	28.6	27.5	27.6	33.2	22.5	92	96	61	70	78	86	80.5	2.8
21	58.77	59.10	60.35	57.99	57.96	59.45	58.94	25.6	25.2	30.5	30	28.3	27.4	27.8	32	24.2	93	96	69	74	78	86	82.7	11.4
22	58.17	58.07	59.34	57.09	57.46	59.04	58.20	25.4	25.5	28.7	30.7	28.1	25.7	27.4	32	25.1	88	88	82	74	80	93	84.2	18.6
23	57.88	57.25	58.71	56.78	56.93	58.14	57.62	26	25.3	26	26.5	26.6	24	25.7	29	22.9	92	97	92	90	83	93	91.2	10.9
24	57.61	57.26	58.15	56.02	57.34	58.70	57.51	22.9	22.4	30	30.2	24.4	24.5	25.7	32.8	22.2	94	96	73	68	87	87	84.2	------
25	57.77	57.45	58.48	56.08	57.93	58.78	57.75	24.4	24.1	29.5	30.2	24.6	23.7	26.1	33.3	23.5	88	94	74	74	96	96	87	30
26	58.14	58.23	58.97	57	57.50	58.87	58.12	23.5	23.4	27.5	29.5	27.4	25.3	26.1	31.2	23.2	96	97	82	70	81	89	85.8	.8
27	58.19	57.96	59.06	56.42	57.54	59.72	58.15	23.8	23.3	28.5	29.9	26.6	25.2	26.2	32.1	23	96	97	80	75	89	92	88.2	.9
28	58.52	58.49	59.35	57.43	58.24	59.51	58.59	24.4	23.9	28.2	25.5	25.9	25.2	25.5	30.8	23.3	95	97	83	94	96	98	93.8	26.5
29	58.49	58.66	58.97	57.55	58.26	59.91	58.64	24.4	23.9	29.8	28.6	28.5	25.5	26.8	32.2	23.3	98	97	76	77	83	93	87.3	.3
30	58.57	58.79	59.70	57.70	58.88	60.56	59.03	24.4	23.4	30.5	30.5	26	24.8	26.6	32.4	22.9	94	92	69	63	85	90	82.2	------
Mean	57.65	57.61	58.45	56.59	57.21	58.78	57.71	24.5	24.2	29.4	29.8	27	25.4	26.7	32.1	23.4	93.5	94.3	75	72.7	83.9	91.2	85.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	183.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	SW	SE	25.7	49.1	41.2	33.3	149.3	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. SW
2	Calm	Calm	SW	W	Calm	Calm	9.2	29.3	42.3	14.7	95.5	10	Ci.-S.	N.	10	------------	N. SW
3	Calm	S	SSW	SSW	Calm	SSW	22.3	41.6	29.3	15.9	109.1	10	------------	N.	10	Ci.-S.	N. SSW
4	Calm	Calm	SW	Calm	SSW	Calm	6.4	33.6	26	21.9	87.9	10	Ci.-S.	N.	9	Ci.-S.	N.
5	Calm	Calm	SSW	S	S	Calm	18.3	49.3	57.4	35.9	160.9	10	Ci.-S.	N. W	7	Ci.	Fr.-Cu. SW
6	S	S	S	S	S	S	50.1	82.6	73.2	49.4	255.3	6	Ci.	N. SW	6	Ci.	Cu. SW
7	Calm	Calm	SW	W	Calm	Calm	15.6	29.2	47	5.9	97.7	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. W
8	Calm	Calm	W	Calm	Calm	Calm	11.5	31.2	20.1	20.4	83.2	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
9	Calm	S	W	W	Calm	Calm	28.5	42.9	34.1	17.1	122.6	8	Ci.-S.	N.	10	Ci.-S.	N. W
10	Calm	S	SW	WSW	Calm	Calm	13.5	30.9	44.9	31.4	120.7	8	Ci.-S.	N. W	10	Ci.-S.	N.
11	SW	Calm	SW	SE	Calm	Calm	28	24.4	22.5	7	81.9	7	Ci.	N.	9	Ci.-S.	N. SW
12	Calm	Calm	SW	W	Calm	Calm	6.4	30.3	26.4	6.7	69.8	10	Ci.-S.	N. W	9	Ci.-S.	N.
13	SW	Calm	SW	W	S	S	22.5	20.6	50.2	40.8	134.1	9	Ci.	N.	8	Ci.-S.	N.
14	S	Calm	SSE	NE	Calm	SSE	29.3	24.7	29.5	20.9	104.4	10	Ci.-S.	N.	8	Ci.	Fr.-N. SW
15	Calm	Calm	S	N	SSE	Calm	5.4	25.2	52	8.7	91.3	7	Ci.	N.	4	Ci.	Cu.
16	Calm	Calm	Calm	N	SSE	Calm	2.2	31.6	42.3	15	91.1	3	Ci.	Cu.	4	Ci.	Cu.-N. SW
17	Calm	Calm	Calm	N	Calm	SSE	6.4	16.9	47.3	16.1	86.7	9	Ci.-S.	N.	4	Ci.	Cu.-N. SW
18	Calm	Calm	SW	NE	Calm	Calm	9.9	18.8	36.7	5.6	71	6	Ci.	N.	7	Ci.	Cu.-N. NE
19	Calm	Calm	S	NE	Calm	Calm	2.1	23.9	35.1	5	66.1	3	Ci.	Cu.	5	Ci.	N.
20	Calm	Calm	W	N	N	NW	2.1	27.2	58.2	20.7	108.2	3	------------	N.	7	Ci.-S.	N.
21	Calm	Calm	N	NNW	NNW	NW	8.5	37.5	51.7	41.2	138.9	9	Ci.-S.	Fr.-N. NW	8	Ci.	Fr.-N. NW
22	NW	N	W	NW	NW	WNW	27.2	54.9	65.8	51	198.9	8	Ci.-S.	Fr.-N. N	7	Ci.	Cu. W
23	WNW	Calm	WNW	WNW	Calm	Calm	49.4	29.5	47.3	11.1	137.3	10	------------	N. W	8	Ci.-S.	Fr.-N. W
24	Calm	Calm	S	N	S	Calm	4.6	39.4	43.3	24.3	111.6	5	Ci.	N.	8	Ci.-S.	Cu.-N.
25	S	S	S	NE	SSE	S	27.4	54.2	39.1	36.2	156.9	6	Ci.-S.	N.	8	Ci.	Fr.-N. SW
26	Calm	Calm	S	S	S	Calm	4.8	35.1	18	24.9	82.8	9	Ci.-S.	N.	7	Ci.-S.	Fr.-N. S
27	Calm	Calm	S	N	Calm	S	13.5	39.4	28.2	21.1	102.2	10	------------	N. SW	7	Ci.	Cu.-N. SW
28	Calm	Calm	S	Calm	Calm	Calm	10.5	29.3	15.1	1.6	56.5	8	Ci.-S.	N.	10	------------	N. SW
29	Calm	Calm	SW	NW	Calm	Calm	7.8	45.4	25.9	5.1	84.2	6	Ci.	N.	10	Ci.-S.	N. SW
30	Calm	Calm	S	N	S	Calm	7.2	32.5	38.9	10.3	88.9	5	Ci.	N.	3	------------	Cu.
Mean	------	------	------	------	------	------	15.9	35.4	39.6	20.6	111.5	7.8	------------	------------	7.7	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,345	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.23	59.64	60.60	58.06	58.25	60.37	59.36	23	22.8	30.8	31.2	28.2	25.6	26.9	32.3	22.2	95	95	71	71	80	92	84	------
2	59.25	59.38	60.62	58.60	58.45	60.85	59.52	24.4	23.3	30.4	30.6	28.4	26	27.2	32.8	23	96	96	73	72	81	92	85	------
3	59.50	59.66	60.79	58.88	58.92	61.25	59.83	25.4	24.5	30.9	31.3	28.2	26.3	27.8	33.2	24.2	95	96	69	65	79	90	82.3	38.1
4	60.27	60.03	60.65	58.83	58.65	60.66	59.85	25.4	24.3	30.3	30.7	27.8	25.9	27.4	32.4	23.8	93	95	72	68	82	90	83.3	1.8
5	59.90	60.11	61.41	59.39	59.62	60.97	60.23	24.7	23.9	29.8	29.4	27.2	25.4	26.7	31.9	23.2	94	96	69	72	86	92	84.8	.5
6	59.97	60.19	61.32	59.11	59.39	60.57	60.09	24.7	24.4	28.3	30.7	27.9	26.3	27	32	23.7	94	95	80	69	81	86	84.2	.5
7	59.65	59.58	60.74	58.82	59.56	60.92	59.88	25.5	25.4	30.1	30.6	28.3	25.1	27.5	32.2	24.8	89	89	74	71	80	95	83	2
8	60.07	60.63	61.72	59.33	60.09	61.42	60.54	25	25.6	29	30.1	27.9	25.5	27.2	31.7	24.8	94	93	78	74	84	93	86	.5
9	60.75	60.77	61.85	59.43	59.89	61.42	60.68	25	24.1	30.2	30.5	27.6	26.1	27.2	32.2	23.2	93	95	71	67	81	89	82.7	5.8
10	60.16	60.37	61.45	59.27	59.92	60.98	60.36	25.3	24.5	29.4	30.1	27.6	25.7	27.1	31.7	24.3	93	97	75	69	81	91	84.3	------
11	59.55	59.29	60.42	58.14	58.92	60.22	59.42	25	23.6	30.2	30.9	27.5	27.2	27.4	32.3	23.3	93	95	71	67	80	84	81.7	------
12	59.45	59.57	60.59	58.35	58.75	60.31	59.50	26	24.2	30.7	30.5	27.6	26	27.5	32.4	23.7	92	95	67	66	77	84	80.2	------
13	59.80	60.32	61.21	59.43	59.92	61.57	60.38	25.8	24.7	29.2	30.5	27.2	25.7	27.2	32.1	24.3	85	93	71	63	80	90	80.3	------
14	60.70	61.11	62.22	59.97	59.94	61.65	60.93	25.9	25	29.8	30.2	27.3	26.6	27.5	31.8	24	88	88	65	61	75	74	75.2	------
15	60.25	60.61	60.94	59.33	59.34	60.97	60.24	25.4	24.8	29.4	30.5	27.6	27.1	27.5	31.9	23.8	83	90	72	63	77	76	76.8	.5
16	59.82	60.51	61.96	59.43	59.84	61.20	60.46	25.7	24.4	29.5	30.1	27.4	25.3	27.1	31.9	23.7	84	91	68	64	83	92	80.3	.5
17	60.67	61.06	62.26	59.90	60.52	62	61.07	24.2	24.1	29.9	30.5	27.7	26.2	27.1	32.2	23.4	95	96	69	66	80	85	81.8	3
18	60.95	60.97	62.09	60.06	60.34	61.71	61.02	25.9	25.6	29.7	30.5	27.8	25.8	27.6	32.7	25.4	88	91	71	68	81	93	82	.8
19	60.56	60.31	61.40	59.29	59.50	61.31	60.40	24.8	24	29.5	30.8	27.6	25.7	27.1	32.3	23.4	95	96	75	69	81	92	84.7	12.2
20	60.32	60.51	61.94	59.60	60.30	61.90	60.76	24.7	24.2	28.2	29.5	27.4	25.6	26.6	31.4	23.5	94	97	82	72	84	95	87.3	2.8
21	60.92	61.31	62.75	60.37	60.70	62.27	61.39	25	25.2	28.2	30.1	27.5	25.7	27	31.5	24.2	95	95	81	71	85	89	86	------
22	60.88	61.01	62.12	60.30	60.82	61.62	61.12	25.6	24.9	29	29.9	27.2	27	27.3	32.3	24.2	90	92	76	74	83	84	83.2	5.8
23	60.35	60.51	62.02	60.03	60.52	61.86	60.88	26	25.4	29.5	29.7	26.9	26.6	27.4	31.7	24.3	90	92	72	70	83	81	81.3	1.1
24	61.16	61.31	62.29	60.03	61.01	62.05	61.31	25.6	25.6	29.5	30	26.4	27	27.4	31.7	24.8	87	84	76	69	84	77	79.5	6.6
25	60.97	61.25	62.01	60.10	61.11	62.62	61.34	26.6	26.3	29.7	29.6	24	22.9	26.5	31.4	22.5	78	78	70	70	91	97	80.7	17.1
26	61.22	61.26	62.22	60.04	60.02	61.25	61	22.7	22.5	28.5	28.4	26.3	25.2	25.6	30.3	22.2	97	98	79	78	90	86	88	------
27	60.23	60.66	61.87	59.31	59.85	61.71	60.60	25.8	25.1	29.5	30.1	27	25.5	27.2	31.4	24.4	84	86	66	64	80	91	78.5	------
28	60.73	61.12	62.61	59.94	60.22	61.85	61.08	25.1	23.6	29.5	30.5	26.7	26.6	27	31.8	23	92	95	70	60	80	87	80.7	------
29	60.77	61.20	62.56	59.87	59.91	61.27	60.93	26.3	25.7	29.5	29.9	26.9	26.4	27.4	31.7	25.2	87	87	70	72	86	81	80.5	------
30	60.57	60.82	62.27	59.20	59.66	61.67	60.70	25.6	24.9	29.5	29.9	27.1	25.7	27.1	31.8	24.5	85	89	71	69	84	88	81	1.8
31	60.92	61.24	62.40	60.25	61.26	62.52	61.43	24.9	24.8	29.5	30.5	25.6	26.4	27	32	24.4	91	91	72	66	92	85	82.8	.8
Mean	60.31	60.53	61.65	59.44	59.84	61.39	60.53	25.2	24.6	29.6	30.3	27.3	25.9	27.1	32	23.9	90.6	92.5	72.5	68.4	82.3	87.8	82.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	102.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	N	Calm	Calm	4.3	16.6	39.9	2.6	63.4	4	------------	N.	3	------------	Cu.
2	Calm	Calm	NNW	N	Calm	Calm	1.1	18.2	30.6	1	50.9	2	------------	Cu.-N.	4	Ci.	Cu.
3	Calm	Calm	E	NE	Calm	Calm	1.4	34.9	41.6	1.3	79.2	3	------------	Cu.-N.	1	------------	Cu.
4	Calm	Calm	ENE	ENE	Calm	Calm	11.8	40.4	49.9	2.7	104.8	10	------------	N. E	2	Ci.	Cu.
5	Calm	Calm	E	Calm	Calm	Calm	6.2	27.6	27.9	2.4	64.1	5	------------	N. N	4	Ci.	N.
6	Calm	Calm	ENE	NE	Calm	Calm	7.2	43	46.1	16.9	113.2	8	Ci.-S.	Fr.-N. NE	5	Ci.	Cu.
7	Calm	Calm	NE	NE	Calm	Calm	18.8	48.6	39.6	15.6	122.6	8	Ci.	Fr.-N. NE	6	------------	Fr.-Cu. NE
8	Calm	Calm	Calm	NE	Calm	Calm	5.9	32.2	26.9	5	70	4	Ci.	N. NE	8	Ci.	Fr.-N. NE
9	Calm	Calm	NE	NE	Calm	Calm	6.2	33.8	29.8	3.2	73	3	Ci.	Cu. NE	6	Ci.	Cu.
10	Calm	Calm	NE	NE	Calm	Calm	8	40.8	31.1	3.4	83.3	8	Ci.	N.-cf. NE	4	Ci.	Fr.-Cu. NE
11	Calm	Calm	NE	NNE	Calm	N	7.4	30.1	35.4	23.8	96.7	7	Ci.	Cu. NE	4	Ci.	Cu.
12	Calm	Calm	N	N	Calm	Calm	13.2	26.9	------	------	------	4	A.-Cu.	N.	2	Ci.	Cu.
13	Calm	Calm	Calm	NE	Calm	Calm	------	------	35.9	8.9	------	9	Ci.-S.	Fr.-N. NE	2	------------	Cu. NE
14	NE	Calm	NNE	NNE	Calm	ENE	22.5	38.9	32.8	23.9	118.1	7	Ci.-Cu.	N.	3	Ci.	Cu.
15	Calm	Calm	NE	NE	NE	NE	4.6	47	49.9	37	138.5	8	A.-Cu. N	N.	3	------------	Fr.-N. NE
16	Calm	Calm	E	NE	Calm	Calm	26.6	44.9	35.2	2.2	108.9	9	Ci.-S.	Fr.-N. NE	3	Ci.	Cu.
17	Calm	Calm	NE	NE	Calm	NE	4.3	47.3	44.6	29	125.2	5	Ci.	N.-cf. NE	2	------------	Cu. NE
18	NE	NE	NE	NE	Calm	Calm	35.6	66.8	45.9	11.9	160.2	8	A.-Cu.	Fr.-N. NE	2	------------	Cu. NE
19	Calm	Calm	NE	NE	Calm	Calm	1.9	19.5	39.4	2.9	63.7	2	------------	Cu. NE	7	A.-Cu. NE	Cu.
20	Calm	Calm	Calm	NE	Calm	Calm	7.4	18.3	43.1	3	71.8	8	Ci.-S.	N.	6	Ci. N	N.
21	Calm	Calm	E	NE	Calm	Calm	1.8	40.4	45.7	12.9	100.8	8	------------	Fr.-N. NE	2	------------	Cu.
22	Calm	Calm	NE	NE	NE	NE	20.6	43.3	62.5	55.5	181.9	3	------------	Cu.	3	------------	Cu. NE
23	NE	NE	ENE	ENE	ENE	NE	29.8	84	68.6	65.5	247.9	9	------------	N. NE	5	------------	Cu. ENE
24	NE	NE	NE	NE	NE	NE	37.5	69.2	73.4	68.2	248.3	4	------------	Cu. NE	4	Ci.	Cu. NE
25	NE	NE	ENE	E	Calm	Calm	77.9	89.1	52.9	10.5	230.4	8	Ci.	N. NE	7	Ci.	N.
26	Calm	Calm	NE	NE	Calm	Calm	1.9	27.4	25.2	11.8	66.3	8	------------	Fr.-N. ENE	9	Ci.-S.	Fr.-N. NE
27	NE	ENE	NE	E	Calm	Calm	47.8	64.4	53.9	10.3	176.4	6	Ci.	Fr.-N. NE	3	------------	Fr.-Cu. ENE
28	Calm	Calm	ENE	ENE	Calm	ENE	14	40.7	42.4	24.1	121.2	5	------------	Fr.-Cu. ENE	2	------------	Cu.
29	ENE	ENE	ENE	NE	Calm	ENE	64.7	57.9	40.4	47.2	210.2	7	A.-Cu. ENE	N.	6	Ci.	Cu. NE
30	NE	Calm	NE	NE	Calm	ENE	39.1	46.9	39.9	45.1	171	4	------------	N.-cf. ENE	3	------------	Cu. ENE
31	Calm	ENE	NE	E	Calm	NE	21.2	67	52.6	34.1	174.9	4	------------	Fr.-Cu. ENE	2	------------	Cu.
Mean	------	------	------	------	------	------	18.4	43.5	42.8	19.4	125.4	6.1	------------	------------	4	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.07	60.96	62.41	60.16	61.17	62.55	61.39	26	25.9	29.6	30.5	28	26.5	27.8	32.3	25	88	88	74	70	80	83	80.5	------
2	61.76	61.07	62.34	60.04	60.35	62.06	61.27	25.7	25.9	29.5	30	27.5	26.5	27.5	31.8	25.5	89	88	70	68	81	78	79	------
3	60.57	60.52	61.44	58.85	59.06	60.80	60.21	25.8	24.5	29.5	29.7	26.9	25.5	27	31.4	23.8	79	84	70	67	80	91	78.5	4.1
4	60.05	60.29	61.35	58.80	59.90	61.10	60.25	25.1	24.4	28.5	30	26.9	26.2	26.8	31.5	23.7	92	96	80	69	86	92	85.8	5.9
5	60.07	60.41	61.28	59.02	59.50	60.82	60.18	25.4	23.9	27.6	29.6	26.6	25.4	26.4	31.2	23.3	93	96	88	73	88	94	88.7	3
6	59.30	59.56	60.70	58.56	58.63	60.21	59.49	25	24.8	29	30.3	26.1	24.8	26.7	31.6	24.2	93	92	76	63	80	93	82.8	------
7	59.57	59.70	60.22	58.11	58.50	59.88	59.33	25.3	25	29.5	30.6	27.8	26	27.4	32.3	24	91	89	72	65	80	91	81.3	------
8	58.99	59.18	60.10	57.97	58.18	59.95	59.06	24.8	24.3	30.1	30	27.2	26.2	27.1	32.3	23.7	93	93	68	74	86	91	84.2	------
9	59.18	59.22	60.37	58.24	59.25	60.40	59.44	25.1	24.6	30.4	30.6	27.1	27	27.5	32	23.2	96	97	70	68	77	87	82.5	------
10	59.35	59.57	60.26	58.17	58.77	59.85	59.33	26.1	25.6	29.4	30.1	27.5	27.2	27.6	32.2	25	91	91	74	71	84	83	82.3	------
11	58.93	59.11	60.01	57.69	58.01	59.50	58.88	26.7	24.9	29.2	29.8	27	26	27.3	31.5	24.4	83	81	70	67	81	88	78.3	.3
12	58.82	58.93	60.27	57.92	58.25	59.76	58.99	25	25.4	29.7	30.9	27.4	27.4	27.6	32.4	24.6	92	91	69	60	82	84	79.7	------
13	59.28	59.43	60.54	58.07	58.65	60.22	59.36	26.5	25.4	29.6	31	27.6	27.3	27.9	32.3	24.9	88	92	74	65	83	84	81	------
14	59.20	59.55	60.74	58.04	58.41	59.85	59.30	26	25.6	29.5	31.3	27.5	26.1	27.7	32.7	25.5	90	91	75	66	81	90	82.2	------
15	58.68	58.94	60.32	57.97	58.58	60.22	59.12	25.9	24.6	29	29.7	26.9	26.9	27.2	32	24.2	89	91	74	71	86	80	81.8	------
16	59.17	59.21	59.97	57.09	57.73	59.14	58.72	26	24.4	29.7	30.5	27.3	26.1	27.3	32	24.1	84	92	67	65	81	88	79.5	------
17	58.14	58.53	59.71	57.41	57.88	59.58	58.54	26	25.1	30.1	31.1	27.5	26.2	27.7	32.5	24.5	87	91	69	62	77	88	79	------
18	58.32	58.73	60.09	58.09	58.48	60.16	58.98	25.3	24.7	30	30.5	27.4	25.6	27.2	32.2	24.6	89	90	65	63	81	93	80.2	.3
19	59.08	59.30	60.89	58.72	59.32	60.76	59.68	26.2	25.5	28.8	31.1	27.2	24.5	27.2	32.7	24.5	89	92	79	66	84	96	84.3	7.4
20	59.80	59.96	61.42	58.81	59.24	60.95	60.03	24.4	24.4	29.2	30.6	27.4	26.2	27	32.2	24.1	97	96	77	68	84	92	85.7	------
21	60.45	60.41	61.34	58.82	59.24	60.57	60.14	26.1	26	30	31	27.5	27.1	28	32.4	25.8	92	94	76	63	85	87	82.8	------
22	59.88	60.17	61.21	58.85	59.26	60.76	60.02	26.8	25.9	29.9	31	27.2	27	28	32.4	25.6	87	88	72	66	87	84	80.7	.3
23	59.85	59.90	60.89	58.98	59.52	60.62	59.96	25.9	25.1	30.2	31	27.4	25.7	27.6	32.8	24.7	90	91	68	59	78	88	79	------
24	59.67	60.07	61.07	58.59	58.85	60.69	59.82	25.6	25.3	29.5	30.4	28	27.7	27.8	32.4	24.7	89	92	72	70	81	85	81.5	------
25	59.11	59.02	60.16	58.32	59.12	60.97	59.45	26.7	26.4	28.7	29.4	27.8	27	27.7	32	26	90	85	80	72	83	83	82.2	.5
26	59.65	59.47	59.96	57.69	59.45	60.50	59.45	26.9	26.8	29	26.7	25.5	26	26.8	30.6	24.8	82	82	71	84	93	89	83.5	10.4
27	59.80	60.02	61.32	58.84	59.61	61.30	60.15	24.5	25.4	28.7	29.8	26.6	25	26.7	31.2	24.4	95	93	80	74	84	94	86.7	1.1
28	60.05	60.06	60.85	58.25	58.60	60	59.64	25.2	24.9	28.4	29.5	27.4	27.1	27.1	31	24.4	92	92	74	72	78	77	80.8	------
29	58.74	58.88	60.14	58.46	59.17	60.80	59.36	26	26	28.5	29.8	27.4	26.7	27.4	31.2	25.5	85	88	78	73	78	87	81.5	------
30	59.47	59.57	60.95	58.55	59.45	60.25	59.71	25.7	25.8	29.2	30.2	27.6	26.6	27.5	31.8	25.5	94	93	75	71	83	89	84.2	------
Mean	59.53	59.66	60.74	58.44	59	60.47	59.64	25.7	25.2	29.3	30.2	27.2	26.3	27.4	32	24.6	89.6	90.6	73.6	68.2	82.4	87.6	82	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	33.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ENE	ENE	ENE	ENE	NE	54.2	82.3	63.4	38.8	238.7	9	------	N. E	2	Ci.	Cu.
2	Calm	ENE	NE	NE	Calm	ENE	35.4	63.4	36	24.7	159.5	7	------	Fr.-N. ENE	2	------	Fr.-Cu. NE
3	Calm	Calm	ENE	NE	Calm	Calm	35.9	44.9	38.6	13.9	133.3	3	Ci.	Cu.	3	Ci.-Cu.	Cu.
4	Calm	Calm	NE	ENE	Calm	Calm	4	36.8	35.2	4.6	80.6	8	Ci.	Fr.-N. ENE	6	Ci.	Cu. NE
5	Calm	Calm	Calm	ENE	Calm	Calm	12.9	20.7	32.8	1.1	67.5	10	------	N.	3	------	Cu.-N. ENE
6	Calm	Calm	NE	NE	Calm	Calm	20.7	59.5	51.7	1.3	133.2	6	Ci.-S.	N.	1	------	Cu.
7	Calm	Calm	E	ENE	Calm	Calm	14.2	58.5	44.5	4.5	121.7	3	------	Fr.-Cu. ENE	2	------	Cu.
8	Calm	Calm	ENE	ENE	Calm	Calm	.8	33.6	37.6	2.9	74.9	3	------	Cu.	8	Ci.-S.	Fr.-N.
9	Calm	Calm	E	ENE	Calm	NE	20.3	42	44.5	22	128.8	4	------	N.-cf. ENE	4	Ci.-Cu.	Cu.
10	Calm	Calm	NE	NE	Calm	NE	25.1	49.1	37.2	50.4	161.8	4	Ci.-Cu.	N.	5	------	Cu. E
11	NE	Calm	NE	NE	Calm	NE	39.7	52.8	-----	-----	-------	2	------	Cu.	3	------	Fr.-Cu. NE
12	Calm	NE	E	E	Calm	NE	8.3	58.2	45.1	33.2	144.8	6	------	Fr.-N. NE	2	------	Cu.
13	Calm	Calm	NE	E	Calm	ENE	10.7	53.4	47.3	34.3	145.7	9	------	N. E	3	------	Fr.-Cu. E
14	Calm	Calm	E	E	Calm	Calm	17.9	63.9	52	12.9	146.7	5	------	Fr.-N. E	2	------	Cu.
15	ENE	Calm	E	N	Calm	E	38.9	51.2	34.9	23.9	148.9	3	------	Cu.	5	------	Cu.-N. E
16	Calm	Calm	E	ENE	Calm	Calm	20.3	53.4	44.1	19.9	137.7	4	------	Cu. NE	2	------	Cu.
17	Calm	Calm	E	NE	NE	Calm	20.7	49.1	52.1	14.5	136.4	7	Ci.	Fr.-N. E	3	------	Cu.
18	Calm	Calm	E	NE	Calm	Calm	17.2	51.3	47.8	11.3	127.6	5	------	Fr.-Cu. E	1	------	Fr.-Cu. NE
19	Calm	Calm	E	E	Calm	Calm	31.4	54.9	48	6.2	140.5	4	------	N.	1	------	Cu.
20	Calm	Calm	E	E	Calm	Calm	1.1	46.9	40.2	4.2	92.4	3	------	Cu. E	1	------	Cu.
21	Calm	Calm	ENE	ENE	Calm	E	11.3	37.6	36.4	24.7	110	8	------	N. NE	2	Ci.	Cu.
22	Calm	ENE	ENE	ENE	Calm	E	62.8	74.3	43.1	29.8	210	6	Ci.	N.-cf. ENE	7	Ci.	N. ENE
23	Calm	ENE	E	E	Calm	Calm	21.7	62.2	52.5	10.3	146.7	4	Ci.	Cu.-N. ENE	2	Ci.	Cu.
24	NE	Calm	NE	ENE	Calm	Calm	30	38.3	38.9	19.1	126.3	6	Ci.	S.	7	Ci.-S.	N. NE
25	Calm	ENE	NE	ENE	Calm	E	18.8	58.7	46.2	41.6	165.3	9	Ci.-S.	N. NE	7	Ci.	Fr.-N. NE
26	NE	NE	N	NNE	ESE	SE	51.2	97.6	106.7	56.5	312	9	------	N. NE	10	------	N. NNE
27	Calm	Calm	ENE	ENE	Calm	E	15	55.8	48.8	22	141.6	7	Ci.	Fr.-N. E	7	Ci.-S.	N.
28	E	ENE	E	E	E	NE	42.6	76.9	61.7	62.3	243.5	6	Ci.	Cu.	8	Ci.	Cu. E
29	NE	NE	NE	NE	Calm	Calm	31.1	50.7	49.3	22.8	153.9	8	------	Fr.-N. NE	6	Ci.-Cu.	Fr.-Cu. ENE
30	NE	NE	E	ENE	Calm	NE	24.3	55.2	49.3	34.9	163.7	7	Ci.-S.	Fr.-N. NE	6	Ci.	Fr.-Cu. E
Mean	------	------	------	------	------	------	24.6	54.4	47.1	22.4	148.1	5.8	------	------	4	------	------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied. —1.81 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.65	59.97	60.71	58.82	59.25	60.95	59.89	26	25.9	28.7	31	27.5	26.2	27.6	32.7	25.4	89	88	76	62	84	88	81.2	------
2	59.97	60.30	61.30	58.92	59.31	60.97	60.13	25.6	25.4	29	29.6	27.5	26.6	27.3	31.8	24.4	89	90	76	70	82	88	82.5	0.8
3	59.70	59.87	61.15	58.89	59.12	60.10	59.80	26	24.9	29.5	30.5	27.5	27.2	27.6	32.5	24.3	90	92	72	70	84	86	82.3	------
4	59.14	58.90	60.47	58.55	58.80	60.22	59.35	25.8	25.1	29.5	29.5	27.2	26.9	27.3	32.4	24.5	93	94	75	77	87	86	85.3	------
5	58.97	58.98	60.30	57.99	58.98	60.31	59.26	26.1	26	29	30.8	27.5	26	27.6	32.2	25.5	90	90	78	70	84	96	84.7	4.1
6	59.48	59.60	60.55	58.45	59.07	60.32	59.58	25.5	25.4	28.6	28.6	27.1	27	27	31.3	24.6	95	93	80	81	88	85	87	.5
7	59.46	59.50	60.87	58.55	58.88	60.47	59.62	25.9	25.5	28.5	29.5	27.4	26.5	27.2	31.3	25	92	92	78	75	81	84	83.7	------
8	59.13	59.32	60.06	57.72	58.12	59.92	59.04	26	25.5	30	30.2	26.3	26.4	27.4	32.3	24.8	88	92	72	69	86	82	81.5	------
9	59.02	59.22	60.54	58.27	58.93	60.21	59.36	25.4	25.7	29.2	30	27	26.5	27.3	31.4	24.4	89	86	70	69	85	84	80.5	------
10	59.37	59.57	60.30	58.25	58.75	59.92	59.36	26	25.8	28	28.8	26.8	26.4	27	31.2	25	91	87	79	71	82	86	82.7	2.8
11	59.12	59.03	60.11	57.98	58.09	59.71	59.01	26.5	25.5	28.4	28.5	26.2	25.8	26.8	31.6	24.8	85	93	78	75	90	90	85.2	2.1
12	58.95	58.79	60.45	57.81	58.78	60.40	59.20	25.7	26	28.1	30.3	27	25.6	27.1	31.8	25.2	91	91	82	70	83	93	85	------
13	59.30	59.22	60.92	58.89	59.03	60.78	59.69	26.4	25.6	28.5	30.1	27.2	26.1	27.3	32	25.2	86	92	76	64	82	79	79.8	------
14	60.23	60.51	62.79?	59.05	59.45	61.22	60.54	24.7	23.2	29	30.1	26	24.9	26.3	31.9	22.8	86	90	68	55	77	90	77.7	------
15	59.73	59.92	61	59.37	59.75	61.38	60.19	25.8	24.3	29	30.5	26.1	23.5	26.5	32	22.8	84	86	68	55	79	90	77	------
16	60.66	61.43	62.51	60.14	60.68	61.91	61.22	23.2	21.8	29.8	28.9	26.6	25.6	26	31.4	21.6	92	94	67	73	83	94	83.8	.5
17	61.11	61.93	63.08	60.80	60.93	62.10	61.66	25.7	23.6	28	30.7	26.6	24.5	26.5	32.3	23.1	93	91	74	58	83	89	81.3	------
18	61.17	61.49	63.04	61	60.77	61.57	61.51	23.7	22.9	29.3	29.7	27	26.5	26.5	31.6	22.2	94	95	66	67	74	88	80.7	------
19	59.90	60.11	61.97	59.96	60.03	61.46	60.57	26.3	25.5	28.3	29.5	26.9	26.2	27.1	32	24.7	88	84	73	64	77	88	79	------
20	59.90	60.12	61.35	59.34	59.86	60.78	60.22	24.5	25.2	29.5	29	27.5	27.3	27.2	32	24.3	91	87	71	74	84	86	82.2	.5
21	59.17	59.32	60.52	57.91	59.01	60.15	59.35	26.5	26.1	28	29.9	27	26.4	27.3	31.7	25.2	90	91	85	75	87	93	86.8	1
22	59.37	59.45	60.71	58.34	58.98	60.21	59.51	24.7	25	30	30.5	27.4	25.1	27.1	32.4	24.1	97	96	75	72	81	91	85.3	------
23	59.53	59.94	61.60	59.81	59.80	60.68	60.23	23.5	22.6	28.5	30	26.7	24.5	26	32.2	22.3	96	96	81	65	83	92	85.5	------
24	60.50	60.69	62.25	59.80	60.27	62.12	60.94	25.4	25.2	28.8	30.2	27.4	24.8	27	31.8	24.3	85	87	69	65	74	89	78.2	------
25	61.18	61.41	62.66	60.74	61.11	62.61	61.62	25.5	24	28.3	29.7	26.6	23.3	26.2	31.4	22.6	84	91	69	63	76	90	78.8	------
26	61.49	62.04	63.10	60.67	61.28	62.51	61.85	23.4	22.3	28.9	29.1	26.3	25.7	26	31.2	21.9	89	93	69	68	82	86	81.2	1.1
27	62	62.22	63.11	60.90	60.77	62.20	61.87	25	24	27.8	28.4	26.4	25.9	26.2	31	23.6	90	91	77	75	85	85	83.8	------
28	61.50	61.81	62.60	60.55	61.11	61.86	61.57	24.8	24.4	28.2	26.5	24.6	24.5	25.5	29.9	23.6	85	84	68	84	92	91	84	1
29	61.12	61.23	62.44	59.46	59.41	60.54	60.70	23.8	24.6	25	25.2	24.9	24.7	24.7	27.3	23.1	91	82	88	90	88	82	86.8	6.1
30	60.04	60.16	61.46	59.21	59.87	61.08	60.30	23.8	24.1	27.7	28.7	25	25.6	25.8	30.2	23.3	88	82	68	69	98	83	81.3	5.1
31	60.92	61.09	62.42	60.25	60.67	61.53	61.15	25	24.6	27.7	28.6	26.1	23.6	25.9	30.2	23.6	87	90	77	73	84	90	83.5	------
Mean	60.03	60.23	61.49	59.24	59.64	60.97	60.27	25.2	24.7	28.6	29.4	26.7	25.7	26.7	31.5	23.9	89.6	90	74.4	69.9	83.4	87.9	82.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	NE	ENE	Calm	E	31.9	63.9	43.1	17.1	156	10	------------	N. NE	2	------------	Cu. NE
2	ENE	Calm	E	NE	Calm	NE	27.4	57.6	44.8	45.9	175.7	6	Ci.-S.	Fr.-N. E	6	------------	Fr.-Cu. NE
3	Calm	Calm	ENE	NE	Calm	ENE	19.5	54.5	42	24.4	140.4	3	Ci.	Cu. E	2	------------	Cu. ENE
4	Calm	Calm	NE	NE	Calm	Calm	9.9	56.8	45.3	23.9	135.9	4	------------	Cu.-N. NE	5	Ci.	Fr.-Cu. NE
5	Calm	Calm	NE	NE	Calm	Calm	31.2	43.7	44	6.1	125	8	Ci.	Fr.-N. E	3	Ci.	Cu. NE
6	Calm	Calm	NE	NE	Calm	ENE	6.4	61.8	39.1	36	143.3	7	Ci.	Fr.-N. NE	7	------------	Cu.-N. NE
7	NE	Calm	NE	NE	Calm	NE	22.7	52.8	51.5	27.1	154.1	2	------------	Cu.	6	------------	Fr.-Cu. NE
8	Calm	Calm	NE	NE	Calm	ENE	22.8	52.1	54.4	38.9	168.2	7	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
9	NE	NE	NE	NE	Calm	NE	25.1	50.9	45.3	47.5	168.8	9	Ci.-S.	Fr.-N. NE	3	------------	Cu. NE
10	NE	NE	NE	NE	Calm	NE	29.6	70.5	48.8	36	184.9	10	------------	N. NE	9	Ci.-S.	N.
11	NE	NE	SE	E	NE	NE	36.8	60.2	51.8	32.4	181.2	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N.
12	Calm	NE	E	NE	Calm	Calm	27.4	72.6	59.3	12.7	172	9	Ci.-S.	N. E	3	------------	Cu. E
13	NE	ENE	E	E	Calm	ENE	44.9	73.7	59	56.9	234.5	6	Ci.	Fr.-N. E	4	Ci.	Cu. E
14	NE	Calm	E	E	Calm	Calm	22.2	59.8	59.8	11.3	153.1	3	------------	Cu. E	1	------------	Cu.
15	ENE	Calm	E	E	Calm	Calm	47.7	66.8	57.7	2.4	174.6	6	------------	Fr.-N. E	1	------------	Cu. E
16	Calm	Calm	N	ENE	Calm	ENE	4	27.7	47.3	42.6	121.6	6	A.-Cu.	N.	8	A.-Cu.	N. NE
17	ENE	Calm	ENE	ENE	Calm	Calm	29.6	58.4	45.4	5.1	138.5	2	Ci.	N.	2	------------	Cu.
18	Calm	Calm	NE	N	Calm	Calm	9.4	35.6	41.2	23	109.2	5	Ci.	N.	2	------------	Fr.-Cu.
19	NE	ENE	ENE	N	Calm	Calm	27.9	47.5	32.2	15.6	123.2	4	Ci.	Fr.-N. ENE	3	Ci.	Cu.
20	Calm	Calm	N	NNW	NNE	N	14.7	45.4	56	60.7	176.8	9	------------	N. NE	8	Ci.-S.	Fr.-N. NE
21	N	N	NE	E	ENE	Calm	56.5	61.8	66.3	6.6	191.2	9	------------	Fr.-N. NE	3	Ci.	Fr.-Cu. E
22	Calm	Calm	ENE	NE	Calm	Calm	2.1	32.5	52	2.4	89	9	Ci.-S.	N. E	2	------------	Fr.-Cu. NE
23	Calm	Calm	ENE	NE	Calm	Calm	2.9	23.5	38.9	5.8	71.1	4	------------	Cu. NE	1	------------	Cu.
24	NE	ENE	E	E	ENE	Calm	26.4	60.6	67.3	7.7	162	8	------------	Fr.-N. E	7	------------	Fr.-N. E
25	NE	E	E	NE	Calm	Calm	37.5	49.9	57.3	4.6	149.3	3	------------	Cu. E	2	------------	Cu.
26	Calm	Calm	ENE	NE	Calm	NE	10.5	34	46.4	30.6	121.5	4	Ci.	Cu.	8	Ci.-S.	Fr.-N. E
27	NE	Calm	NE	NE	Calm	NE	34.9	48.5	34.8	33.8	152	5	Ci.	Fr.-Cu. E	4	Ci.	Cu. E
28	NE	ENE	NE	NE	Calm	NE	39.1	59.3	64.4	38.8	201.6	3	Ci.	Cu. E	8	Ci.-S.	N.
29	Calm	N	NNE	NE	Calm	Calm	39.4	44.9	42.6	16.3	143.2	10	------------	N.	9	Ci.-S.	N.
30	Calm	NE	NE	NNE	NE	NE	32.7	57.4	38.1	48.8	177	3	Ci.	Fr.-N. NE	3	Ci.	Cu. NE
31	Calm	Calm	NE	N	Calm	Calm	22.5	45.1	35.4	8.2	111.2	9	------------	N. E	3	Ci.	Cu. E
Mean	------	------	------	------	------	------	25.7	52.6	48.8	24.8	151.8	6.2	------------	------------	4.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,706.1	----	------------	------------	----	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.16	63.61	63.99	61.01	62.37	63.57	62.95	23	23.3	28.6	27.8	24.6	24.1	25.2	30.7	22.8	97	97	75	79	95	96	89.8	12.2
2	62.48	62.86	63.28	61.18	62.69	63.79	62.71	23.8	23.1	28.4	30.7	25.9	23.6	25.9	31.9	22.7	96	97	77	62	85	95	85.3	------
3	63.13	63.39	64.43	62.10	63.49	64.75	63.55	22.7	21.3	29	29.6	25.1	23.8	25.2	31.9	21.2	97	98	71	64	83	88	83.5	------
4	63.33	63.51	64.35	62.53	63.38	64.66	63.63	22.9	22.4	24	25.4	23.2	23	23.5	26.7	22.3	90	91	91	83	94	95	90.7	2.3
5	63.84	64.15	64.80	62.34	63.44	64.36	63.82	22.7	21.8	29	29.7	24.9	22.3	25.1	30.9	21.5	97	96	70	62	79	96	83.3	------
6	63.83	64.07	64.47	62.05	63.68	64.61	63.78	21	20.4	28.9	30.7	25.3	22.1	24.7	31.7	19.8	97	98	67	57	75	96	81.7	------
7	63.63	63.97	64.67	62.28	63.55	64.76	63.81	20.7	19.6	28.8	30.6	24.7	21.2	24.3	31.7	19.4	97	99	69	58	79	96	83	------
8	63.88	64.56	65.44	63.41	64.70	66.06	64.68	20.3	20.4	28.6	26.7	24.9	23.6	24.1	31.3	19.5	98	98	63	77	82	89	84.5	1.3
9	65.29	66.26	67.24	65.53	66.10	66.81	66.20	22.8	22.6	24.5	25.7	22.7	21.7	23.3	27.1	20.8	95	96	75	71	78	85	83.3	------
10	65.72	65.91	66.42	64.24	65.03	65.71	65.50	20	19.5	27.7	27.3	22.5	19.4	22.7	30.1	19.2	89	90	59	59	77	92	77.7	------
11	64.14	64.30	64.61	62.23	62.91	63.48	63.61	18.4	17.4	26.8	29.5	24	21.4	22.9	30.6	17.3	95	97	68	59	76	95	81.7	.5
12	62.21	62.24	62.81	60.50	61.56	62.61	61.99	21.7	22.2	26.6	27	24.3	23.7	24.2	29.5	21.2	97	97	83	86	96	96	92.5	18.1
13	61.71	61.91	62.36	60.54	61.26	62.10	61.65	22.9	22.6	28.6	28.1	25.8	23.4	25.2	30.2	22.5	97	97	77	79	90	95	89.2	1
14	61.42	62.08	62.61	60.61	62.17	62.53	61.90	21.5	20.7	26.5	27	24.9	23.2	24	28.6	20.5	96	97	80	86	92	95	91	4.8
15	61.97	62.86	63.25	60.78	62.41	63.17	62.41	21.5	20.5	28.4	29.7	24.7	21.8	24.4	31.4	20.4	96	98	66	58	77	96	81.8	------
16	61.93	63.03	63.17	61.40	62.76	63.06	62.56	21.4	21.7	27.2	30.5	25.8	23.7	25	31.2	20.8	97	96	79	59	79	94	84	------
17	62.70	63.19	63.95	61.50	62.97	63.31	62.94	22.8	21.6	25.7	29.3	25.4	23.7	24.8	30.3	21.5	96	96	82	68	80	92	85.7	------
18	62.35	62.66	63.14	61.05	61.94	62.65	62.30	22.7	22.6	28	29	25.5	23.7	25.2	30.6	22.3	95	96	74	67	80	93	84.2	------
19	61.46	61.96	61.99	59.30	61.16	61.85	61.29	22.7	20.9	28.3	30.5	25.4	22.9	25.1	31.4	20.7	96	96	70	54	78	95	81.5	------
20	60.66	60.75	61.79	59.79	60.74	61.70	60.90	23.2	23	28	26.5	25.2	23.9	25	30.2	22.8	95	96	77	85	85	94	88.7	2.5
21	60.58	60.82	61.67	59.87	61.21	61.92	61.01	23.3	23	26.3	26.8	23.6	23.1	24.4	28.4	22.8	96	97	82	80	92	93	90	------
22	60.77	61.43	62.07	59.82	61.19	62.50	61.30	23	22.9	28.3	30.9	25.2	23.1	25.6	31.7	22.7	93	94	68	58	83	94	81.7	------
23	61.33	61.34	61.82	60.40	61.67	62.66	61.54	21.9	22.7	28.7	27.7	24.6	23.7	24.9	29.2	21.6	96	95	69	78	89	94	86.8	------
24	61.76	62.01	62.40	60.35	61.30	62.15	61.66	22.6	20.7	28	29.5	24.8	21.5	24.5	30.7	20	96	96	71	64	75	93	82.5	------
25	61.48	61.82	62.24	60.08	60.84	61.80	61.38	19.5	19.4	28.3	30.3	24.9	22	24.1	31.7	19.2	97	98	68	52	76	94	80.8	------
26	60.76	61.10	61.85	60.69	61.78	62.70	61.48	22.7	22.7	26	27.1	24.5	24	24.5	28.1	22.1	90	91	82	75	88	91	86.2	------
27	61.86	62.18	62.21	60.73	61.45	62.75	61.86	23.1	22	29	30.1	25.5	21.9	25.3	32.2	20.9	94	94	65	58	73	93	79.5	------
28	61.82	62.20	62.30	59.92	60.66	61.62	61.42	20.3	19.4	29	31.5	25.1	20.5	24.3	31.9	19.2	93	94	60	48	68	93	76	------
29	61.25	61.42	61.85	59.71	60.26	61.70	61.03	19.5	18.3	28.2	28.7	26.1	23.7	24.1	31.8	18.2	94	96	58	68	75	88	79.8	------
30	61.03	61.12	61.41	59.65	60.85	62	61.01	22.8	21.3	27.8	29.6	25.8	23.3	25.1	31.6	21.2	92	94	69	64	76	89	80.7	------
31	61.06	62.07	62.18	59.93	61.29	62.15	61.45	22.6	22.3	28.9	31.6	25.6	22.7	25.6	32.5	21.4	93	93	62	48	71	90	76.2	------
Mean	62.34	62.73	63.25	61.15	62.28	63.21	62.49	21.9	21.4	27.7	28.9	24.9	22.8	24.6	30.6	20.9	95.1	95.7	71.8	66.6	81.5	93.1	84	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	42.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	NE	1	NE	1	NW	1	N	1	N	1	10	Ci.-S.	Fr.-N.	8	Ci.-S.	S.-Cu. NW
2	NNE	1	N	1	NE	1	ENE	2	N	1	N	1	7	A.-Cu.	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
3	N	1	N	1	NE	1	NE	1	NE	1	N	1	5	Ci.-S. SE	S.-Cu.	7	Ci.-S.	S.-cf. NE
4	NNE	1	NNE	1	N	1	N	2	N	1	N	1	9	A.-Cu.	S.-Cu. NNE	10	Ci.-S.	Fr.-N. NE
5	N	1	N	1	NE	2	NE	1	NE	1	N	1	0	Ci.	S.-Cu.	5	Ci.	Cu. NE
6	N	1	N	1	NE	1	NE	1	N	1	N	1	0	Ci.	------	4	Ci.	Cu. NE
7	NNW	1	NNW	1	NE	1	NE	1	N	1	N	1	2	Ci.	S.-Cu.	4	------	Cu. NNE
8	N	1	N	1	NE	2	N	1	N	1	N	1	3	------	S.-Cu.	7	Ci.-S.	S.-Cu. NNE
9	NNW	1	NNW	1	NNW	3	N	3	N	2	N	1	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NNE
10	N	1	N	1	N	2	N	2	N	1	N	1	2	Ci.	S.-Cu.	6	Ci.	Cu. NNE
11	N	1	N	1	N	1	NNE	1	N	1	N	1	0	------	S.-Cu.	4	------	Cu. NE
12	N	1	NNE	1	NE	1	Calm	----	NE	1	N	1	7	A.-Cu. E	S.-Cu. NNE	10	Ci.-S.	N. NE
13	N	1	N	1	NE	1	S	1	NNE	1	N	1	1	------	S.-Cu.	6	------	Cu.-N. NE
14	N	1	N	1	S	1	SW	1	N	1	N	1	0	------	S.-Cu.	7	Ci.-S.	Cu.-N. NNE
15	NNW	1	NNW	1	NNE	1	NE	1	NE	1	N	1	4	Ci.-S.	S.-Cu.	4	Ci.	Cu. NE
16	N	1	N	1	NE	1	NE	2	NE	1	N	1	6	Ci.-S.	S.-Cu. NE	5	Ci.	Cu. NE
17	N	1	NNW	1	NE	1	NE	2	NNE	1	N	1	2	Ci.	S.-Cu.	2	------	Cu. NE
18	NNE	1	NNE	1	NE	1	NE	1	NE	1	N	1	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-cf. NE
19	N	1	N	1	NE	2	NE	1	NNE	1	N	1	2	Ci.	Fr.-S.	0	Ci.	Cu.
20	NE	1	NNE	1	NE	1	NE	1	NE	1	NE	1	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
21	N	1	N	1	NNE	1	NE	1	N	1	N	1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
22	NE	1	NNE	1	NE	1	ENE	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. NE	3	------	Cu. ENE
23	NE	1	NE	1	NE	2	NE	1	NNE	1	N	1	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
24	N	1	N	1	NE	2	NE	2	NNE	2	N	1	3	Ci.	S.-Cu.	5	Ci.	Cu. NE
25	N	1	N	1	NE	1	NE	2	NE	1	N	1	0	------	S.-Cu.	3	------	Cu. NE
26	NE	1	Calm	----	NE	1	N	1	N	1	N	1	7	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. ENE
27	N	1	N	1	NE	2	NE	2	N	1	N	1	3	Ci.	S.-Cu. NE	5	------	Cu. NE
28	NNW	1	NNW	1	N	1	NNE	2	N	1	N	1	0	Ci.	------	2	------	Cu. NNE
29	N	1	NNW	1	NNE	1	S	1	N	1	NNE	1	0	Ci.	------	2	------	Cu. NE
30	NE	1	NNE	1	NNE	2	NE	1	NE	1	NE	1	6	Ci.-S.	S.-Cu. NE	7	Ci.-S.	Cu. NE
31	NE	1	NE	1	NE	2	NE	2	NE	1	NNE	1	2	Ci.	S.-Cu.	2	------	Cu. NE
Mean	------	1	------	1	------	1.4	------	1.4	------	1.1	------	1	4.2	------	------	5.7	------	------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.12	61.14	61.62	59.45	60.59	61.21	60.86	20.6	20.3	27.8	31.5	25.7	22.2	24.7	32.3	20.2	92	92	65	48	73	94	77.3	------
2	60.62	60.93	61.24	59.03	59.90	61.38	60.52	20.5	18.9	29	32	25.9	22.8	24.8	33.4	18.7	95	97	60	45	75	91	77.2	------
3	61.26	61.85	62.19	59.85	60.94	62.41	61.42	19.9	19	28.6	31.5	25.6	22.8	24.6	32.6	18.7	93	95	57	50	72	91	76.3	------
4	61.32	61.44	62	59.92	60.91	62.08	61.28	20.8	21.3	28.6	30	25.6	23.3	24.9	32.9	20.5	94	93	66	51	70	84	76.3	------
5	61.30	61.66	62.50	60.55	60.69	62.32	61.50	23.3	22.2	29.4	31	25.8	22.4	25.7	31.7	21.3	84	84	52	52	66	88	71	------
6	61.48	61.73	62.77	60.20	61.30	62.71	61.70	20.9	20.8	27.4	30.8	26.1	21.8	24.6	32.5	20.5	94	93	64	45	65	94	75.8	------
7	61.33	61.64	61.69	59.64	60.69	61.83	61.14	20.7	18.9	28.9	31	25	22.2	24.4	32.5	18.7	95	95	55	41	69	89	74	------
8	61.44	61.70	62.59	60.45	61.26	62.46	61.65	20.1	18.7	29.6	30.7	25.9	22.5	24.6	31.9	18.6	95	96	56	61	74	91	78.8	------
9	61.44	61.98	62.85	60.57	62.14	63.16	62.02	21.5	20.5	28.9	30.9	25.5	23	25	33.5	20.4	95	95	63	56	72	90	78.5	------
10	62.23	62.42	62.84	60.38	60.94	62.40	61.87	22.7	21.2	29	28.6	25.6	22	24.8	32.7	20.5	91	91	55	66	68	89	76.7	------
11	62.21	62.49	62.90	61.03	61.64	63.37	62.27	19.8	18.2	29.4	29.4	24.8	23	24.1	30.5	18.1	93	95	59	71	83	92	82.2	2.3
12	62.44	62.43	63.52	61.43	62.69	64.29	62.80	21.9	21.3	27	30.5	25.1	22.8	24.8	32.8	21.2	93	93	67	50	73	86	77	------
13	63.26	63.47	64.38	62.29	63.10	64.23	63.46	21	18.8	28.6	30.3	24.9	21.6	24.2	32.1	18.7	95	95	52	48	65	84	73.2	------
14	63.58	63.84	64.38	62.14	63.20	64.58	63.62	21.5	21.4	25.4	27.1	24.7	23	23.8	27.9	20.1	87	88	79	61	69	79	77.2	------
15	63.38	63.68	63.63	61.70	62.92	63.48	63.13	20.1	18.8	29.8	31.7	25.5	20.6	24.4	33	18.7	93	94	55	37	59	92	71.7	------
16	63.20	63.42	64.09	61.54	62.71	63.91	63.14	18.6	17.5	29.7	27.7	25.1	20.2	23.1	31.7	17.4	94	96	52	66	62	91	76.8	------
17	63.19	63.28	63.93	61.43	61.88	63.40	62.85	18.2	18	29	28.4	27.1	22.9	23.9	30.8	17	94	95	56	68	64	92	78.2	------
18	62.38	62.64	63.92	61.84	62.41	63.89	62.85	20.2	18.1	26.5	28.9	26.2	20.1	23.3	31	17.9	93	95	65	63	65	92	78.8	------
19	62.89	63.16	63.73	61.19	61.82	63.33	62.69	17.8	16.9	26	31.2	26.9	23.4	23.7	31.6	16.7	94	96	67	52	70	93	78.7	------
20	62.41	62.85	63.58	61.18	61.34	62.56	62.32	19.6	18.6	29.5	28.8	26.5	22	24.2	32.2	18.4	94	95	47	55	66	93	75	------
21	61.64	62.45	62.82	60.27	61.21	62.81	61.87	19.9	17.9	29.7	31.5	26.2	23.7	24.8	32.6	17.8	94	95	50	51	67	84	73.5	------
22	61.46	61.80	62.15	59.69	60.33	61.88	61.22	20.6	19.1	27.6	28.5	27.1	23.3	24.4	30.6	18.9	92	93	67	64	65	88	78.2	------
23	61.51	62.19	63.12	60.84	60.66	61.86	61.70	20.6	18.3	28.4	30.2	26.9	22.1	24.4	30.8	18.1	91	93	64	63	70	93	79	------
24	61.44	61.89	62.84	60.19	60.89	62.15	61.57	20.7	19.1	28.2	30.2	27.4	22.8	24.7	32.3	19	94	94	68	62	66	93	79.5	------
25	61.41	61.77	63.12	60.20	60.71	62.15	61.56	20.7	18.8	28.9	29.4	26.7	22.1	24.4	31.6	18.7	94	96	65	62	67	93	79.5	------
26	61.49	62.33	63.45	61.44	62	63.73	62.41	19.9	18.2	27.4	29	26.2	22.6	23.9	30.9	18	94	95	69	68	66	88	80	------
27	63.18	63.63	64.15	61.77	62.19	63.68	63.10	19.8	18.3	29.5	30.3	26.7	23.7	24.7	34.5	18.2	94	95	50	59	68	85	75.2	------
28	62.62	63.15	64.02	61.79	62.29	63.85	62.95	22.5	23	28.4	29	25.4	24.1	25.4	29.8	21.6	90	89	68	69	84	91	81.8	2.1
Mean	62.04	62.39	63.07	60.79	61.55	62.90	62.12	20.5	19.4	28.4	30	25.9	22.5	24.4	31.9	19	92.9	93.7	60.5	56.6	69	89.6	77	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	N	1	NE	1	ENE	2	NE	1	N	1	0	------	------	4	------	Cu. NE
2	N	1	N	1	NE	2	ENE	2	N	1	N	1	0	Ci.	S.-Cu.	3	Ci.	Cu. ENE
3	N	1	N	1	NE	2	NE	2	NE	1	N	1	0	Ci.	S.-Cu.	4	------	Cu. NE
4	N	1	N	1	NE	2	ENE	2	NE	1	NE	1	4	Ci. ESE	S.-Cu.	4	Ci.	Cu. NE
5	ENE	1	NE	1	NE	2	NE	1	NE	1	NE	1	3	Ci. SE	S.-Cu.	4	------	Cu. NE
6	N	1	NE	1	NE	1	NE	1	NE	1	NE	1	5	Ci.	S.-Cu. ENE	3	------	Cu. NE
7	N	1	N	1	NE	2	ENE	2	NE	1	N	1	4	Ci.	Fr.-S.	5	Ci. ESE	Cu.
8	N	1	NE	1	NE	1	SW	2	NE	1	N	1	4	Ci.	S.-Cu. E	3	Ci.	Cu.
9	N	1	NNE	1	NE	1	NE	2	NE	1	NE	1	5	Ci.	S.-Cu.	5	Ci.	Cu. NE
10	NNE	1	NNE	1	NE	1	S	1	N	1	N	1	2	Ci.	S.-Cu.	3	------	Cu. NE
11	N	1	N	1	NE	1	SW	1	N	1	N	1	0	Ci.	------	7	Ci.-S.	Cu.-N. ENE
12	N	1	N	1	NE	2	NE	2	NNE	1	N	1	6	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Cu. ENE
13	N	1	N	1	NE	2	NNE	2	N	1	N	1	4	Ci.	S.-Cu.	6	------	Cu. NNE
14	NE	1	NNE	1	NE	2	NE	1	NE	1	N	1	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NE
15	N	1	N	1	NE	2	ENE	2	NE	1	N	1	0	------	------	3	------	Cu. NE
16	N	1	N	1	ENE	1	S	1	NE	1	N	1	0	------	------	5	------	Cu. ENE
17	N	1	N	1	ENE	1	S	1	NE	1	N	1	1	------	S.-Cu.	3	------	Cu.
18	N	1	N	1	S	1	SSW	1	N	1	N	1	0	------	------	0	------	Cu.
19	N	1	NNW	1	S	1	SSW	1	NE	1	N	1	0	------	------	0	------	Cu.
20	N	1	NNW	1	NE	2	S	1	NNE	1	N	1	0	------	S.-Cu.	3	------	Cu. NE
21	N	1	N	1	ENE	1	SSW	1	N	2	NNE	1	0	Ci.	S.-Cu.	1	------	Cu.
22	N	1	NNE	1	S	1	SSW	2	NNW	1	N	1	0	------	------	2	------	Cu.
23	N	1	NNW	1	S	1	SSW	1	NNW	1	N	1	0	------	------	0	------	Cu.
24	N	1	N	1	S	1	SSW	1	N	1	N	1	0	------	------	0	------	Cu.
25	N	1	N	1	S	1	SSW	1	NNW	1	N	1	0	Ci.	------	0	------	Cu.
26	N	1	N	1	SE	1	SSW	1	NE	1	N	1	0	Ci.	------	6	------	Cu. NE
27	N	1	N	1	NE	2	S	1	NE	1	NE	1	0	------	------	0	------	Cu.
28	NNE	1	NE	1	NE	1	NE	1	NE	1	NNE	1	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
Mean	------	1	------	1	------	1.4	------	1.4	------	1	------	1	2	------	------	3.5	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.42	63.14	63.86	61.55	62.49	64.53	63	23	22.6	29.2	30	26.7	22.9	25.7	33.8	21.1	93	94	68	69	69	92	80.8	-----
2	63.13	63.59	64.22	61.44	62.39	64.19	63.16	20.1	18.8	30.2	33	26.7	23.2	25.3	34.7	18.7	94	95	52	40	68	90	73.2	-----
3	62.47	62.66	63.53	60.57	61.02	61.52	61.96	22.8	22.9	28.5	30.7	25.6	24.7	25.9	32.9	21.9	90	90	68	62	87	91	81.3	0.8
4	59.68	60.18	61.15	58.96	59.82	60.22	60	24	23.7	28.1	28.5	25.5	24.5	25.7	31	23.5	95	96	78	76	94	94	88.8	23.9
5	58.58	58.96	59.84	57.98	58.90	60.52	59.13	23.7	23.2	27.4	24.6	24.6	23.5	24.5	28.3	23.1	95	97	84	95	96	96	93.8	50.4
6	59.58	59.80	60.49	57.51	58.61	60.12	59.35	23.2	22.7	30	28.8	28.3	24.1	26.2	31	22.6	96	97	72	76	79	94	85.7	-----
7	59.20	59.43	59.96	57.95	58.64	60.55	59.29	22.3	21.3	29.5	31	26.4	23.9	25.7	31.7	21.2	96	96	70	68	90	93	85.5	4.3
8	59.47	60.03	60.55	57.99	59.14	60.69	59.64	23	23.2	30.1	33.4	27.2	24.2	26.8	33.9	22.7	97	97	65	51	85	93	81.3	-----
9	59.47	59.74	60.74	58.24	58.54	60.36	59.52	22.7	21.7	30.6	30.5	27.1	24.1	26.1	33.2	21.5	95	96	58	70	74	91	80.7	-----
10	59.60	60.26	61.33	59.06	59.20	60.52	60	22.1	21.1	29.5	30.5	26.3	23.2	25.4	31.1	20.7	94	95	61	66	73	93	80.3	-----
11	59.48	59.84	60.64	58.80	59.20	60.47	59.74	22.9	21.7	28.1	30.9	27.1	24.6	25.9	31.8	21.6	94	95	72	65	79	94	83.2	2.3
12	59.66	60.03	61.31	59.35	60.19	61.46	60.33	24	23.2	28	29	27.1	24.8	26	30.1	23.1	95	96	75	74	79	92	85.2	-----
13	60.13	60.78	62.16	60.10	60.54	61.71	60.90	24.4	23.7	30.4	30.5	26.2	24.1	26.6	32.1	23.5	93	94	70	66	83	94	83.3	-----
14	60.46	61.09	62.20	60.07	60.50	62.15	61.08	22.7	21.4	29.5	31	26.4	24.7	26	32.1	21.3	96	97	69	65	84	93	84	1.8
15	61.65	62.72	63.28	60.80	61.16	62.38	62	22.5	20.2	29.6	32	26.4	21.8	25.4	33.2	20.1	96	96	53	40	62	91	73	-----
16	61.03	61.39	62.23	60.23	60.55	61.92	61.22	19.9	19.5	30.3	29.5	28.1	25.4	25.4	34.4	19.3	93	95	58	66	69	86	77.8	3.8
17	61.38	62.17	63.14	62.12	62.45	63.78	62.51	24.6	23.5	30.1	27.4	25.6	23.1	25.7	31.6	22.7	93	95	68	84	85	94	86.5	25.9
18	63.34	63.81	64.56	62.09	62.70	64.50	63.50	22.2	21.7	30	30.6	27.2	23.9	25.9	33.3	21.5	96	97	63	69	72	93	81.7	-----
19	62.83	63.31	63.72	60.74	61.36	62.57	62.42	22	20.4	29.5	31.6	25.7	23.3	25.4	33.1	20.3	96	96	59	57	84	93	80.8	5.8
20	60.96	61.24	62.09	59.60	59.73	60.96	60.76	21.6	20.4	27.7	25.3	24.8	23.7	23.9	29.6	20.3	96	96	72	89	90	95	89.7	6.1
21	59.71	60.17	61.20	58.59	59.27	61	59.99	21.9	20.7	28	30.8	24.8	23.1	24.9	31.4	20.5	96	97	76	71	94	94	88	32.8
22	59.76	60.27	60.96	59.01	59.35	61.45	60.13	21.9	22.8	29.5	28.6	27.9	23.8	25.8	31.6	21.7	97	97	69	82	82	94	86.8	5.6
23	60.38	60.64	61.21	58.93	59.33	61.06	60.26	21.9	21.6	29.7	31.3	27.4	24.6	26.1	32.4	21.2	96	97	67	67	78	94	83.2	5.8
24	59.67	60.59	61.75	58.97	59.78	61.44	60.37	23.1	21.4	30.4	32.9	27.3	24	26.5	33.4	21.2	95	96	63	53	70	92	78.2	-----
25	60.05	60.58	61.73	59.07	59.58	61.13	60.36	22.6	21.5	27.9	31.9	27.4	22.7	25.7	33.1	21.3	96	96	75	42	64	94	77.8	-----
26	59.88	60.18	61.19	59.19	59.60	61.12	60.19	21.1	20.2	29.7	31.6	26.5	24	25.5	33.3	20.1	95	95	56	49	72	88	75.8	1
27	59.97	60.26	61.42	59.40	59.76	61.32	60.36	23.1	23.3	25.2	27.2	25.3	24.1	24.7	27.6	23	94	93	93	84	86	93	90.5	7.9
23	60.45	60.66	61.38	59.63	60.47	61.97	60.76	23.6	22.7	29.3	31.1	26.4	23.6	26.1	31.7	22.6	94	96	68	63	77	93	81.8	1.3
29	61.20	61.34	62.10	59.69	60.12	61.46	60.98	21.9	21.2	28.6	28.8	26.7	23.8	25.2	31.5	20.9	94	95	71	83	76	92	85.2	1.5
30	60.41	60.81	61.30	59.22	59.26	60.03	60.17	22	20.5	29.9	31.3	26.7	23.7	25.7	33.4	20.4	96	96	54	65	71	92	79	-----
31	59.12	59.32	60	58.22	58.59	59.72	59.16	22	23.2	30.7	27.5	25.6	24.7	25.6	31.6	21.9	95	91	62	81	87	91	84.5	1.3
Mean	60.49	60.94	61.78	59.52	60.07	61.51	60.72	22.5	21.8	29.2	30.1	26.5	23.9	25.7	32.1	21.5	94.9	95.5	67.4	67.4	79.3	92.5	82.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	182.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NNE	1	S	1	SSW	1	NE	2	N	1	10	Ci.-S.	Fr.-N. ENE	2	-----	Cu. ENE
2	N	1	N	1	NNE	2	NE	1	N	1	NNE	1	0	Ci.	-----	2	-----	Cu. NE
3	NE	1	NE	1	NE	2	NE	2	NNE	1	NNE	1	3	-----	S.-Cu. ENE	7	Ci.-S.	S.-Cu. NE
4	NE	1	NNE	1	NNE	1	NNE	1	NNE	1	NE	1	8	-----	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NE
5	NNE	1	NNE	1	SW	1	N	1	Calm	-----	NE	1	5	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. E
6	NE	1	Calm	-----	SE	2	S	1	SE	1	NE	1	10	Ci.-S.	N. ESE	7	A.-Cu.	Cu. ESE
7	NNE	1	NNE	1	SSE	1	S	1	Calm	-----	N	1	3	-----	S.-Cu. ESE	7	-----	Cu.-N. E
8	N	1	N	1	ENE	1	E	1	ENE	1	NE	1	5	-----	S.-Cu. E	4	-----	Cu. E
9	NNE	1	NNE	1	ENE	1	SSW	1	NNE	1	N	1	0	Ci.	Cu.	3	-----	Cu. E
10	NNE	1	N	1	ENE	1	SW	1	N	1	N	1	6	-----	S.-Cu. E	3	-----	Cu. E
11	N	1	N	1	S	1	SSW	1	N	1	N	1	0	-----	Cu.	2	-----	Cu.
12	NNE	1	N	1	SSE	1	SSW	1	NNE	1	NE	1	3	-----	S.-Cu.	5	A.-Cu. S	Cu.
13	NE	1	NE	1	SSE	1	S	1	NNE	1	NE	1	9	-----	S.-Cu. E	3	-----	Cu.
14	N	1	N	1	S	1	SSW	1	N	1	N	1	0	Ci.	Cu.	2	Ci.	Cu.
15	N	1	N	1	NE	2	NE	2	N	1	N	1	0	-----	Cu.	2	-----	Cu. NE
16	N	1	N	1	NE	2	SSW	1	NE	1	NNE	1	0	-----	S.-Cu.	4	-----	Cu. ENE
17	NE	1	NNE	1	E	1	NNW	1	Calm	-----	N	1	9	-----	S.-Cu. ENE	10	Ci.-S.	N. E
18	N	1	N	1	ENE	2	S	1	NE	1	N	1	2	Ci.	S.-Cu.	6	Ci.	Cu. ENE
19	N	1	N	1	NE	1	NE	2	NE	1	N	1	3	Ci.	Cu.	7	Ci.	Cu. NE
20	N	1	N	1	NNE	1	NNW	1	N	1	N	1	2	Ci.	Fr.-S.	9	Ci.-S.	N. NE
21	N	1	N	1	SSE	1	SW	1	NNW	1	N	1	4	Ci.	S.-Cu.	6	Ci.	Cu. ENE
22	N	1	N	1	SE	1	SSW	1	Calm	-----	N	1	6	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu.-N. ENE
23	N	1	N	1	NE	1	SSW	1	NE	1	N	1	0	Ci.	Cu.	5	-----	Cu. ENE
24	N	1	N	1	ENE	1	NE	1	NE	1	N	1	4	Ci. SE	Cu.	3	-----	Cu. NE
25	N	1	N	1	S	1	ENE	2	NE	1	N	1	0	-----	Cu.	1	-----	Cu.
26	N	1	N	1	ENE	2	ENE	2	NE	2	N	1	0	Ci.	Cu.	6	Ci.	Cu. ENE
27	NNE	1	NE	1	N	1	N	1	N	1	N	1	10	-----	N. NE	10	Ci.-S.	N. NNE
28	N	1	N	1	ENE	2	ENE	2	NE	1	N	1	4	-----	S.-Cu. ENE	7	Ci.-S.	Cu. ENE
29	N	1	N	1	NE	1	SE	1	NE	1	NNE	1	0	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.NE
30	N	1	N	1	NE	2	SW	1	N	1	N	1	3	Ci.	S.-Cu.	0	-----	Cu.
31	N	1	NNE	1	NNE	1	N	1	N	1	NNE	1	8	-----	S.-Cu. ENE	8	Ci.-S.	S.-Cu.NNE
Mean	-----	1	-----	1	-----	1.3	-----	1.2	-----	0.9	-----	1	3.8	-----	-----	5.3	-----	-----

NOTE.—The maximum temperatures for March 14 to 22, are taken from a self-registering apparatus.

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.55	59.18	60.39	58.40	58.76	60.65	59.32	23.9	23.7	27.5	29.7	27.1	23.1	25.8	30.5	22	94	94	83	75	81	94	86.8	------
2	59.43	60.06	60.93	59.26	60.20	61.27	60.19	21.8	21	30.5	28.1	26.3	24.6	25.4	32.9	20.8	95	96	62	83	86	93	85.8	0.8
3	59.67	60	60.43	59.72	59.85	61.26	60.16	23.5	22.6	30.7	25.8	25.2	24.4	25.4	31.2	22.5	95	97	65	93	93	94	89.5	28.5
4	59.37	60.01	60.58	58.58	59.78	60.71	59.84	23.8	23.3	29.8	31.3	25.3	24.9	26.4	31.7	22.9	94	94	79	71	87	88	85.5	------
5	59.76	60.60	61.20	58.79	60.11	61.96	60.40	23.8	23.2	28.8	29.7	27.2	25.4	26.4	30.6	23	94	95	77	79	86	88	86.5	1.3
6	59.55	59.91	60.91	58.59	59.10	60.62	59.78	23	22	28.7	27.9	26.9	24.8	25.6	31.6	21.6	96	97	78	82	86	93	88.7	------
7	59.37	60.39	61.43	58.70	58.97	60.89	59.96	23.1	22.5	29.5	30.6	29.2	25.7	26.8	30.9	22.3	95	97	75	71	72	88	83	------
8	59.68	60.55	61.81	59.73	60.17	62.19	60.69	23.9	22.9	29.8	30.2	29.4	25.2	26.9	31.4	22.7	94	97	73	68	76	92	83.3	------
9	60.58	61.73	62.25	60.53	61.05	62.80	61.49	22.7	21.7	28.5	29.7	27.3	24.8	25.8	31.7	21.6	95	97	76	75	83	93	86.5	3
10	61.26	61.35	62.28	60.87	60.08	62.17	61.34	23.1	23.1	28.6	24.6	24.2	23.7	24.6	30	22.7	96	96	76	91	94	95	91.3	10.7
11	60.38	60.57	61.20	59.22	59.51	60.81	60.28	23.6	22.9	28.2	26.5	25.5	23.2	25	30.4	22.7	96	97	84	86	85	95	90.5	4.9
12	59.47	60.27	61.01	58.39	59.34	61.15	59.94	21.9	21.3	28	29.5	27	23.5	25.2	30.2	21	96	96	75	70	76	95	84.7	------
13	59.68	60.27	60.66	59.07	59.68	61.01	60.06	21.8	21.7	28.2	30.5	28.6	24.9	26	31.7	21.4	96	96	73	68	72	93	83	------
14	59.93	60.67	61.63	59.73	59.64	61.51	60.52	22.9	22.7	28	30.8	29.1	25.8	26.6	31.5	22.1	96	97	75	70	66	85	81.5	------
15	60.48	61.48	62.29	60.57	61.29	62.35	61.41	23.3	22	27.8	29.7	28.1	23.8	25.8	31.1	21.7	94	96	75	63	65	95	81.3	------
16	60.98	61.73	62.31	59.43	59.47	60.57	60.75	22	20.7	27.5	29.7	26.9	24	25.1	30.6	20.5	96	97	76	69	76	92	84.3	------
17	59.41	60.56	60.86	58.58	58.67	60.10	59.70	21.6	21.2	28.2	29.7	29.2	24.7	25.8	31.7	20.5	95	95	72	69	70	94	82.5	------
18	59.42	60.01	60.64	58.57	59.40	60.94	59.83	22.8	21.7	29.1	29.9	27.5	24.8	26	32.3	21.5	95	96	70	73	85	94	85.5	------
19	59.56	60.29	60.98	58.68	59.44	61.24	60.03	23	22.2	29.4	30	27	24.7	26	31.9	22	96	96	74	77	88	94	87.5	------
20	60.56	61.58	62.59	60.28	61.07	62.92	61.50	23.7	23.3	31.1	31.5	28.8	25.2	27.3	32.4	23	95	96	71	72	80	93	84.5	------
21	61.82	62.16	61.90	60.24	61.79	61.99	61.65	23.8	23.5	31.7	83.5	25.7	25.2	27.2	35.3	22.9	95	96	63	58	95	95	83.7	4.3
22	59.45	60.53	61.23	58.57	59.72	61.79	60.22	23.9	24.6	28.7	33	27.2	25	27.1	34.8	23.7	96	96	77	62	84	93	84.7	------
23	60.12	60.60	61.33	59.13	59.26	60.85	60.22	23.7	23.2	29.7	31.5	27.4	25.3	26.8	32.6	22.8	95	96	71	66	88	93	84.8	7.1
24	59.83	60.08	61.05	60.06	60.27	61.55	60.47	23.5	23.3	28.8	26	25.5	24.4	25.2	31.6	23	96	97	78	95	93	95	92.3	14.5
25	60.02	59.95	60.85	58.98	59.55	61.39	60.12	23.8	22.9	29.4	30.7	29.7	25.3	27	32.1	22.7	97	97	79	77	77	93	86.7	------
26	60.17	60.85	61.69	59.53	59.59	61.46	60.55	23.8	23	31.4	27.7	27.8	24.3	26.3	34.1	22.8	95	97	68	87	80	94	86.8	13.4
27	59.85	60.34	60.74	59.49	59.55	60.76	60.12	22.8	22.9	29.7	26.9	26.5	24.5	25.6	30.9	22.2	97	97	75	90	89	94	90.3	3.5
28	59.46	60.13	60.29	58.50	58.88	60	59.54	23.4	22.8	29.2	30.9	28.5	23.7	26.4	31.6	22.4	97	97	76	69	75	95	84.8	------
29	58.70	59.21	59.58	58.01	58.60	60.27	59.06	22.1	21.2	30.3	30.2	27.9	23.4	25.8	31.6	20.7	96	97	64	74	77	95	83.8	------
30	58.87	59.82	60.68	58.35	58.95	60.39	59.51	21.9	21.4	28.5	29.5	27.8	24.7	25.6	32	20.9	96	97	79	78	86	92	88	.8
Mean	59.85	60.50	61.19	59.22	59.72	61.25	60.29	23.1	22.5	29.2	29.5	27.3	24.6	26	31.8	22.1	95.4	96.3	74	75.4	81.7	92.9	85.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	92.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NNE	1	NNE	1	S	1	SW	1	NNW	1	N	1	8	Ci.-S.	S.-Cu. ENE	6	------------	Cu. ENE
2	N	1	N	1	NE	1	N	1	N	1	N	1	0	------------	Cu.	8	------------	S.-Cu. ENE
3	N	1	N	1	NE	1	NE	1	Calm	----	N	1	0	------------	S.-Cu.	10	Ci.-S.	N. ENE
4	NNE	1	NNE	1	S	1	SW	1	NE	1	NNE	1	0	------------	S.-Cu.	8	------------	Cu.-N. E
5	NNE	1	N	1	S	1	NW	1	E	1	NNE	1	0	Ci.	Cu.	7	Ci.-S.	Cu.-N.
6	NNW	1	NNW	1	S	1	NNW	1	NNW	1	N	1	0	------------	S.-Cu.	7	Ci.-S.	Cu.-N.
7	N	1	NNW	1	S	1	SSW	1	Calm	----	NE	1	0	Ci.	S.-Cu.	0	Ci.	Cu.
8	NNE	1	N	1	S	1	SSW	1	E	1	NE	1	0	Ci.	S.-Cu.	5	------------	Cu.-N. ENE
9	NNE	1	N	1	S	1	SW	1	NE	1	NE	1	0	------------	Cu.	7	------------	Cu. E
10	N	1	N	1	S	1	NNE	1	NNW	1	N	1	8	------------	S.-Cu. ENE	10	Ci.-S.	N. NNE
11	N	1	N	1	NNE	1	NNW	1	N	1	N	1	7	------------	S.-Cu. ENE	8	Ci.-S.	Cu.-N. NE
12	N	1	N	1	S	1	SSW	1	NW	1	NNW	1	0	------------	S.-Cu.	2	------------	Cu.
13	N	1	NNW	1	S	1	SW	1	NNW	1	N	1	0	------------	Cu.	1	------------	Cu.
14	NNE	1	N	1	S	1	SW	1	Calm	----	NNE	1	4	------------	S.-Cu. ENE	2	Ci.	Cu.
15	N	1	N	1	S	1	SW	1	Calm	----	N	1	0	------------	Cu.	0	------------	Cu.
16	N	1	N	1	S	1	SW	1	NW	1	N	1	0	Ci.	Cu.	3	------------	Cu. NNE
17	N	1	NNW	1	S	1	SW	1	NNE	1	N	1	0	------------	Cu.	0	------------	Cu.
18	N	1	N	1	S	1	SW	1	NW	1	N	1	3	Ci. SE	Cu.	5	Ci.	Cu. NE
19	N	1	NNW	1	S	1	SW	1	NNW	1	N	1	0	------------	Cu.	6	------------	Cu. ENE
20	NNW	1	NNW	1	SSE	1	SW	1	NNW	1	NNE	1	6	------------	S.-Cu. E	2	------------	Cu. E
21	NE	1	NNE	1	NE	1	NNE	2	N	1	N	1	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. NNE
22	NNE	1	Calm	----	ENE	1	SE	2	NNE	1	NNE	1	7	Ci.-S.	S.-Cu. ENE	6	------------	Cu. E
23	NNW	1	NNE	1	S	1	SSW	1	NNW	1	NNW	1	0	------------	Cu.	3	------------	Cu. E
24	N	1	N	1	S	2	N	1	Calm	----	N	1	2	Ci.	Cu.	10	Ci.-S.	N. NE
25	N	1	N	1	S	1	SSW	1	Calm	----	NNE	1	0	------------	Cu.	2	------------	Cu.
26	NNE	1	NNE	1	E	1	NW	1	NE	1	N	1	3	------------	S.-Cu. E	8	------------	Cu.-N. E
27	N	1	N	1	NNE	1	W	1	NW	1	N	1	7	------------	S.-Cu. E	9	Ci.-S.	Cu.-N. E
28	N	1	NNW	1	S	1	S	1	NE	1	N	1	0	Ci.	Cu.	7	Ci.-S.	Cu. E
29	N	1	N	1	SE	1	SSW	1	NNW	1	N	1	3	Ci.	Cu.	3	Ci.	Cu.
30	N	1	NNW	1	S	1	SSW	2	Calm	----	NNE	1	2	Ci.	Cu.	6	------------	Cu. ENE
Mean	-------	1	-------	1	-------	1	-------	1.1	-------	0.8	-------	1	2.2	------------	------------	5.3	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.72	60.41	61.01	59.02	59.35	60.90	60.07	24.2	24.4	30.1	31	29.4	25	27.4	31.7	24	94	94	75	75	79	93	85	------
2	60.21	60.98	61.62	59.30	59.69	61.10	60.48	23.2	22.7	32.5	31.1	27.9	24.8	27	33.9	22.3	95	97	56	70	82	93	82.2	------
3	60.47	60.93	60.85	59.18	59.69	61.26	60.40	24.5	23.7	32.7	27.5	26.7	24.4	26.6	33.5	23.5	94	97	61	84	86	94	86	3.8
4	59.65	59.92	60.29	57.99	58.44	59.81	59.35	22.9	22.4	31.3	31.6	27.8	24.9	26.8	33.5	21.9	97	98	68	63	84	93	83.8	7.7
5	58.29	58.60	58.90	56.23	57.06	58.82	57.98	23.1	22.7	28.5	30.9	28.9	24.8	26.5	31.7	22.5	97	98	75	71	63	89	82.2	------
6	57.68	58.91	59.20	57.29	57.24	59.69	58.34	23.6	23.6	29.5	30.5	28.7	25.5	26.9	32.7	22.9	97	97	75	70	78	93	85	------
7	58.24	59.12	59.84	58.38	58.88	61.30	59.29	24.2	24.3	28.7	30	28.2	24.4	26.6	30.9	23.7	97	97	82	78	85	95	89	25.2
8	58.86	59.26	59.90	58.12	58.38	59.85	59.06	23.5	23.3	29.9	30.8	28.2	25.2	26.8	32.2	22.9	97	98	79	77	86	94	88.5	------
9	57.97	58.05	58.09	56.80	56.84	58.12	57.64	24	23.7	30.7	26.9	27.2	25.2	26.3	31.8	23.4	97	98	72	95	91	94	91.2	32
10	56.53	57.09	57.49	55.23	55.85	57.39	56.60	24.5	24.3	29.9	30.9	24.6	24.2	26.4	31.5	23.6	97	98	80	76	95	96	90.3	19.6
11	56.72	57.54	58.30	56.90	57.11	59.15	57.62	23.1	22.5	30	30.5	28.7	24.9	26.6	30.9	22.1	97	99	76	78	81	95	87.7	7.2
12	57.96	58.73	59.26	57.73	57.64	59.77	58.52	24.5	23.4	30.8	28.6	28.2	24.8	26.7	31.3?	23.3	97	98	76	84	81	93	88.2	1.8
13	58.81	59.33	59.68	57.95	58.50	60.57	59.14	23.7	23.7	29.7	31.2	27.9	24.9	26.8	31.8	22.7	97	97	76	69	84	94	86.2	.5
14	59.08	59.62	59.86	58.26	58.86	61.06	59.46	23.8	23.5	28.4	28.2	27	23.6	25.8	31.7	22.6	97	98	82	86	94	96	92.2	4.5
15	59.61	60.12	60.25	58.30	58.98	60.72	59.66	22.5	22.4	29.8	30.8	28.8	25.5	26.6	33.1	21.7	97	98	73	75	78	93	85.7	------
16	59.62	59.87	60.35	58.28	58.88	60.62	59.60	24.1	23.4	29	29.7	28	25.8	26.7	31.1	23.3	96	97	74	77	81	92	86.2	------
17	59.66	60.21	60.09	57.95	59.16	61.01	59.68	24.4	23.8	29.3	31.1	26.9	25.2	26.8	32.2	23.4	95	97	74	69	83	92	85	------
18	59.72	60.46	60.64	58.29	59.45	60.76	59.89	24.7	24.2	29.3	32.8	27	24.9	27.2	33.6	23.8	95	97	79	63	84	94	85.3	------
19	59.18	60.01	60.63	57.69	58.18	60.15	59.31	23.3	23.1	30.9	31.9	27.7	25	27	32.5	22.6	96	97	72	66	79	94	84	------
20	59.06	59.53	59.89	57.78	58.20	60.22	59.11	23.6	23.1	30.6	31.5	26.7	25.7	26.9	33.1	22.2	97	97	70	65	90	93	85.3	19.6
21	59.06	59.93	60.69	58.53	59.57	61.69	59.91	24	23.4	30.1	31.2	26	24.8	26.6	32.2	23.1	97	98	76	68	90	93	87	------
22	60.65	61.46	61.71	59.27	59.43	61.34	60.64	23.7	23.5	29.2	31.5	29.5	26	27.2	32.5	23.1	97	97	74	68	75	92	83.8	------
23	60.36	60.68	60.71	58.65	58.50	59.99	59.82	23.9	23.1	30	29.8	28.5	24.7	26.7	32.4	22.6	96	98	74	71	81	94	85.7	2
24	58.69	59.31	59.40	57.68	58.20	59.12	58.73	22.2	21.8	28.8	31	27.9	24.7	26.1	32.6	21.6	96	97	79	73	73	94	85.3	------
25	57.58	57.61	58.90	57.51	57.56	59.05	58.04	23.7	23.1	29.7	32.7	28.5	26.4	27.4	34.2	22.5	97	97	76	61	78	89	83	2
26	58.09	58.07	58.73	57.11	56.75	57.56	57.72	25	25	29.6	26.8	26.8	25.2	26.4	31	24.8	96	97	77	87	86	94	89.5	14.2
27	56.47	55.85	55.93	54.23	54.83	56.76	55.68	24.1	24.7	30	29.7	26.3	24.9	26.6	32.6	23.9	96	95	83	77	89	95	89.2	24.8
28	54.79	55.15	55.93	53.91	54.70	56.23	55.12	24	23.9	30.7	30.6	29.1	25.4	27.3	32.7	23.5	97	97	78	77	76	93	86.3	2.3
29	55.04	55.45	55.68	54.31	54.97	56.03	55.25	24.3	24.4	30	30.3	26.5	24.8	26.7	31.2	23.7	97	97	81	78	84	93	88.3	.5
30	55.59	56.07	56.34	54.40	54.51	55.79	55.45	23.9	23.9	30.3	31.5	28.5	27.5	27.6	32	23.3	96	97	75	73	83	84	84.7	1
31	54.31	55.67	55.29	54.80	55.15	56.25	55.24	27.6	27.5	28.1	25.7	27.7	27.9	27.4	28.7	25.6	84	84	81	94	83	82	84.7	3.6
Mean	58.31	58.84	59.21	57.32	57.76	59.42	58.48	23.9	23.6	29.9	30.3	27.7	25.2	26.8	32.2	23.1	96	96.8	75.1	74.8	82.6	92.7	86.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	172.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NNE	1	NE	1	SSE	1	SSW	1	Calm	----	NNE	1	5	------------	S.-Cu. ENE	5	------------	Cu. ENE
2	N	1	N	1	SE	1	SW	2	Calm	----	NNE	1	0	------------	------------	2	------------	Cu. E
3	N	1	NNW	1	E	2	ESE	1	Calm	----	N	1	0	------------	Cu.	7	Ci.-S.	Cu.-N. E
4	N	1	N	1	ESE	1	SSW	2	Calm	----	N	1	0	Ci.	------------	6	Ci.-S.	Cu.-N. E
5	NNW	1	NNW	1	S	1	S	1	E	1	N	1	0	------------	Cu.	3	------------	Cu. E
6	N	1	NE	1	ESE	1	NW	1	NNW	1	N	1	3	------------	S.-Cu. E	4	------------	Cu.-N.
7	NNW	1	NNE	1	S	1	S	1	Calm	----	NW	1	5	Ci.-S.	S.-Cu. E	9	A.-Cu.	Cu.-N. E
8	N	1	NNW	1	S	1	N	1	Calm	----	N	1	3	Ci.	Cu.	7	Ci.-S.	Cu.-N.
9	N	1	N	1	SSE	1	N	1	Calm	----	N	1	3	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
10	NNW	1	N	1	SE	1	S	1	NNW	1	N	1	2	Ci.	Cu.	6	Ci.-S.	Cu.
11	NNW	1	N	1	SSE	1	S	2	S	1	NE	1	5	Ci. SE	Cu.	7	Ci.-S. SSE	Cu.
12	NNW	1	NNW	1	SSE	1	W	1	NNE	1	N	1	2	Ci.	Cu.	6	------------	Cu.-N. E
13	NNW	1	N	1	S	1	W	1	NNE	1	N	1	4	Ci. SE	Cu.	6	Ci.-S.	Cu.-N. E
14	NNW	1	NNE	1	SSE	1	W	1	Calm	----	N	1	5	Ci. SE	S.-Cu.	9	Ci.-S.	N. ENE
15	N	1	N	1	SSE	1	SW	1	ENE	1	NE	1	5	Ci.	Cu.	2	Ci.	Cu.
16	N	1	NNE	1	S	1	SSW	1	Calm	----	NE	1	5	Ci.-S. SSE	Cu.	7	Ci.-S.	Cu.-N.
17	NNW	1	NNE	1	S	1	SW	1	NE	1	NE	1	0	Ci.	Cu.	4	------------	Cu.-N.
18	ENE	1	NE	1	S	1	SW	1	Calm	----	NE	1	0	Ci.	Cu.	3	------------	Cu.-N.
19	N	1	N	1	SSE	1	SW	1	Calm	----	NNE	1	0	------------	Cu.	1	------------	Cu.
20	N	1	N	1	S	1	SW	1	Calm	----	NNE	1	0	------------	Cu.	0	------------	Cu.
21	N	1	NNW	1	S	1	SSW	1	NE	1	NNE	1	0	------------	Cu.	0	------------	Cu.
22	N	1	N	1	S	1	SW	1	Calm	----	NNE	1	0	------------	Cu.	3	Ci.	Cu. ENE
23	NNE	1	NNE	1	SSE	1	NW	1	NNE	1	N	1	0	------------	Cu.	6	------------	Cu.-N. NNE
24	N	1	N	1	S	1	W	1	NNW	1	N	1	4	Ci. E	Fr.-S.	8	Ci.-S.	Cu. N
25	N	1	N	1	WNW	1	NW	1	NNW	1	N	1	3	Ci.	S.-Cu. NNW	7	Ci. N	Cu. NNW
26	NNW	1	NNW	1	NW	1	WNW	1	NNW	1	N	1	9	Ci.-S.	S.-Cu. NNW	10	Ci.-S.	N. NW
27	NNW	1	N	1	NNW	1	NNW	2	N	1	N	1	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	N. NNW
28	N	1	N	1	WNW	2	WNW	2	NW	1	NW	1	8	Ci.-S.	Cu.-N. N	7	Ci.-S.	Cu.-N. NNW
29	NW	1	NW	1	W	2	W	2	NW	1	NW	1	6	Ci.-S.	S.-Cu. NW	8	Ci.-S.	Cu. NW
30	NW	1	NW	1	W	2	WSW	2	WSW	2	WSW	2	7	A.-Cu. E	S.-Cu. W	8	Ci.-S.	Cu. W
31	WSW	3	WSW	3	SW	4	SSW	4	SSW	2	S	3	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	N. SSW
Mean	-------	1.1	-------	1.1	-------	1.2	-------	1.3	-------	0.6	-------	1.1	3.4	------------	------------	5.8	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E: barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.79	55.94	57.18	56.24	56.90	59.74	56.80	27.8	27.9	29.2	30	28	24.3	27.9	31.1	23.7	81	81	76	75	88	96	82.8	13
2	57.52	58.06	59.18	56.88	57.28	58.98	57.98	24.6	25.3	29.1	30.7	28.7	27.6	27.7	31	24	95	92	81	74	78	81	83.5	.5
3	57.60	58.28	59.15	57.38	58.39	59.84	58.44	25.8	25.3	26.4	29.4	28.4	25	26.7	29.7	24.5	93	94	94	81	83	94	89.8	7.9
4	58.04	58.86	59.20	57.25	58.36	60.32	58.67	24	23.8	30.5	30.5	26.6	25.2	26.8	31.3	23.4	97	97	71	78	90	95	88	3.6
5	58.66	59.16	60.13	58.23	59.49	61.19	59.48	24.7	24.2	30.6	30.9	26.7	24.6	27	31.4	23.9	96	97	77	70	85	95	86.7	-----
6	59.90	60.87	61.20	58.63	59.52	61.49	60.27	23.5	23.4	30.4	30.9	29.4	25.7	27.2	31.5	22.9	96	97	73	71	81	93	85.2	-----
7	59.99	60.35	60.80	58.53	58.38	60.44	59.75	23.7	22.9	28.4	29.5	28.2	25.7	26.4	31.6	22.8	97	97	75	77	79	93	86.3	.8
8	58.82	59.21	59.58	58.36	57.95	59.47	58.90	24.2	23.7	28.9	26.7	27.3	25.1	26	32.6	23.6	95	97	81	88	91	94	91	13.5
9	58.81	59.18	59.38	57.77	58.14	59.81	58.85	23.8	23.6	29.9	30.2	29	26.3	27.1	32.8	23	97	97	76	75	78	93	86	6.6
10	59.24	59.65	60.43	58.62	58.93	60.42	59.55	25.2	24.4	30.1	30.4	29.4	26.9	27.7	31.6	24	95	97	76	74	76	88	84.3	-----
11	59.80	60.01	59.90	58.28	58.49	59.75	59.37	25.2	24.2	29.5	29	26.7	24.8	26.6	31.4	23.8	95	96	75	81	88	94	88.2	1.3
12	59.27	59.57	59.33	57.48	57.77	59.09	58.75	23.3	23.2	29.5	30.4	28.3	25.4	26.7	31.6	22.7	96	97	75	70	82	93	85.5	-----
13	58.72	58.91	59.03	57.19	57.67	59.46	58.50	24.3	23.5	29.9	31.5	28.2	25.6	27.2	31.9	22.7	96	97	72	63	82	93	83.8	-----
14	58.75	59.57	59.65	57.58	58.38	60.02	58.99	23.9	23.4	30.1	32	27.1	24.8	26.9	32.3	22.9	96	97	72	71	90	94	86.7	2.5
15	58.72	59.12	58.84	57.31	57.24	58.92	58.36	23.2	23.1	29.7	29.8	25.9	25.2	26.2	32.2	22.7	97	97	76	77	93	95	89.2	9.1
16	57.95	58.43	57.71	55.95	56.27	57.64	57.32	24.1	23.3	31.2	26.6	26.9	24.7	26.1	33	23.2	96	97	68	90	89	94	89	16.7
17	56.58	57.29	57.06	56.47	56.62	56.69	56.78	23.6	23.5	31.7	25	24.7	23.6	25.4	32	22.8	97	97	66	92	95	96	90.5	48
18	54.73	53.12	49.04	44.41	50.30	54.87	51.08	23.5	24	24.7	24.3	24.8	24.8	24.4	26	23.3	97	95	92	97	95	97	95.5	116.8
19	54.28	55.88	56.97	56.59	57.32	58.52	56.59	25.9	26.9	27.8	28.4	26.9	24.8	26.8	28.7	24.2	88	81	82	79	86	95	85.2	1.3
20	57.79	58.13	58.46	57.44	58.23	59.72	58.30	23.8	23	28.4	30.7	28.9	25.2	26.7	31.2	22.8	96	97	83	64	76	93	84.8	-----
21	58.85	58.98	59.58	58.03	59.09	60.23	59.13	24.1	23.9	29.2	31.5	26.4	24	26.5	32.9	23.5	96	97	81	69	82	95	86.7	1
22	59.21	59.47	59.73	58.14	58.82	59.50	59.14	23.8	23.5	29.4	29.9	26	24.4	26.2	32.4	23	96	97	72	75	94	95	88.2	21.1
23	59.07	58.78	59.53	58.06	58.05	59.65	58.86	23.6	23.5	31	26.2	26.2	24.8	25.9	31.6	22.8	97	97	65	85	95	95	89	18.7
24	57.88	57.87	58.88	57.32	57.11	58.27	57.89	23.8	23.9	28.8	26.9	26.7	24.6	25.8	29.4	23.5	97	97	80	90	90	95	91.5	10.7
25	57.18	57.39	58.67	56.54	56.85	58.19	57.47	23.1	23.5	26.5	30.4	27.7	24.9	26	31.4	23	97	97	90	70	82	94	88.3	1.5
26	57.34	57.44	57.36	56.57	56.86	57.39	57.16	23.9	23.8	28.2	28.9	27.3	25	26.2	29.6	23.7	96	97	80	77	85	94	88.2	1
27	56.37	56.10	56.92	55.45	55.44	56.35	56.10	24.7	24.8	27	28.1	27.4	27	26.4	28.8	24.1	96	97	87	82	86	86	89	-----
28	54.92	55.06	55.95	54.63	55.12	56.82	55.42	27.2	27.3	27.9	29.5	28.6	26.3	27.8	30.4	26	86	88	84	76	80	90	84	-----
29	55.89	55.92	56.85	55.41	56.46	57.39	56.32	27.7	27.8	28.8	29	27.9	27.6	28.1	29.8	24.2	81	80	77	78	83	83	80.3	2.5
30	56.63	56.36	56.91	55.99	56.54	57.61	56.67	25.7	26.7	27.9	29.4	25.7	26.8	27	30.2	24.8	89	84	79	78	89	84	83.8	3.8
Mean	57.78	58.10	58.42	56.76	57.40	58.93	57.90	24.5	24.4	29	29.2	27.3	25.4	26.6	31	23.5	94.2	94.3	77.9	77.6	85.7	92.6	87	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	301.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	3	S	3	S	2	S	3	S	2	S	2	10	Ci.-S.	Fr.-S.	10	Ci.-S.	S.-Cu. SSW
2	ESE	1	ESE	1	SSE	2	SSE	2	SSE	2	S	1	10	Ci.-S.	Fr.-N. SSE	10	Ci.-S.	Fr.-S.
3	ESE	1	ESE	1	Calm	----	SSE	1	W	1	NW	1	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	S.-Cu.
4	NNW	1	NNW	1	SSE	1	SSW	1	Calm	----	N	1	6	A.-Cu. WNW	S.-Cu.	6	Ci.-S.	Cu.
5	NNW	1	N	1	S	1	SW	1	NE	1	N	1	6	Ci. NNW	Cu.	6	Ci.-S.	Cu.-N.
6	N	1	NNW	1	S	1	S	1	Calm	----	N	1	4	Ci. N	Cu.	5	Ci. N	Cu.
7	NNW	1	N	1	SSE	1	SSW	1	NW	1	NW	1	4	Ci.	Cu.	7	Ci.-S.	Cu. NE
8	N	1	N	1	Calm	----	W	1	Calm	----	N	1	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. NE
9	N	1	Calm	----	S	1	S	1	NE	1	NE	1	0	----	Cu.	2	----	Cu.
10	NNE	1	Calm	----	S	1	SSW	1	Calm	----	NE	1	6	Ci.-S.	S.-Cu. ESE	3	Ci.	Cu.
11	NW	1	N	1	S	1	NE	1	NNW	1	N	1	0	----	Cu.	8	Ci.-S.	Cu.-N. NE
12	NNW	1	N	1	S	1	SSW	1	Calm	----	N	1	0	----	Cu.	3	Ci.	Cu.
13	N	1	N	1	S	1	S	1	NNE	1	N	1	3	Ci. SE	Cu.	3	----	Cu.-N.
14	N	1	NNW	1	S	1	SSW	1	Calm	----	N	1	0	----	Cu.	3	----	Cu.-N.
15	N	1	N	1	S	1	ENE	1	NNE	1	NNE	1	0	----	Cu.	9	----	N. ENE
16	N	1	Calm	----	NE	1	NNW	1	NNW	1	N	1	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
17	NNE	1	Calm	----	NE	1	Calm	----	NNW	1	N	1	6	A.-Cu. NNE	S.-Cu.	10	Ci.-S.	N. NNE
18	N	1	NW	1	NW	4	W	10	SSW	8	SSW	4	10	Ci.-S.	N. NNW	10	Ci.-S.	N. WNW
19	S	3	S	2	S	2	S	1	SSW	1	NW	1	10	Ci.-S.	S.-Cu SSW	9	Ci.-S.	S.-Cu. SSW
20	NNW	1	NNW	1	SE	1	S	1	Calm	----	NW	1	7	Ci.-S. NNE	S.-Cu.	7	Ci.-S.	Cu.
21	NNW	1	Calm	----	SSE	1	S	1	N	1	N	1	5	Ci. NW	S.-Cu.	3	Ci.	Cu.
22	NW	1	N	1	S	1	W	1	Calm	----	NW	1	5	Ci.	Cu.	9	Ci.-S.	N. E
23	NNE	1	Calm	----	NNE	1	ENE	1	Calm	----	NW	1	0	----	Cu.	10	Ci.-S.	N.
24	N	1	NW	1	Calm	----	Calm	----	Calm	----	N	1	10	Ci.-S.	N.	9	Ci.-S.	N.
25	NNW	1	NNW	1	Calm	----	N	1	Calm	----	NNW	1	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. N
26	N	1	NNW	1	W	1	WNW	1	WNW	1	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
27	NW	1	Calm	----	W	1	W	1	W	2	W	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. W
28	SW	2	SW	2	SW	2	SW	2	SW	2	WSW	1	10	Ci.-S.	S.-Cu. SW	6	Ci.	Cu. SW
29	SW	2	SSW	2	SSW	2	SSW	2	SSW	2	SW	2	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
30	SSW	2	SSW	2	SSW	2	SW	1	WSW	1	SSE	2	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
Mean	-------	1.2	-------	1	-------	1.2	-------	1.4	-------	1	-------	1.2	6	-------	-------	7.3	-------	-------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.38	56.49	57.21	55.93	57.19	58.70	56.98	26.9	25.7	30.4	31.5	27.7	27.2	28.2	31.8	25	83	89	78	64	83	85	80.3	------
2	57.03	57.46	58.20	56.75	57.32	58.66	57.57	25.9	26.5	30.1	31	28.2	25.6	27.9	31.5	24.8	91	86	73	72	80	93	82.5	------
3	56.84	57.70	57.41	55.90	56.16	57.05	56.84	24.4	26.6	28.8	80.5	28	27.1	27.6	31.1	24.3	96	90	80	79	79	83	84.5	20.5
4	55.58	55.94	56.28	54.80	54.86	56.48	55.66	26.9	25.7	29.9	29.5	28.1	27	27.8	31.5	24.4	84	90	73	77	80	86	81.7	13.3
5	55.58	55.10	56.02	54.95	55.42	56.51	55.60	25.7	26.8	27.5	27.9	27.2	27.2	27	28.6	25.1	91	85	81	82	80	81	83.3	3.5
6	54.86	55.30	55.85	54.25	54.52	56.24	55.17	27	27.1	28.6	29.2	27.9	27.8	27.9	29.8	26.8?	86	87	77	76	82	82	81.7	------
7	55.64	55.70	56.25	54.72	55.41	57.15	55.81	27.9	27.8	29.4	30.4	28.2	27.9	28.6	30.8	27.6	78	78	71	70	81	82	76.7	------
8	55.87	56	56.82	56.18	56.82	57.95	56.61	28	27.9	28.4	29.4	28.3	27.1	28.2	29.7	25.5	80	81	80	71	74	84	78.3	------
9	56.94	57.25	57.05	56.14	56.50	57.57	56.91	27.3	27.1	29.4	29.7	29.3	27.8	28.4	30.9	26.9	85	86	76	77	78	83	80.8	------
10	56.41	56.69	57.51	56.16	56.60	56.99	56.73	27.6	27.5	29	29	28.7	28	28.3	30.7	27.3	83	84	81	82	81	82	82.2	------
11	56.60	57.31	58.23	56.98	57.19	57.52	57.30	27.9	27.7	29	29.4	28.7	28	28.4	30.2	27.6	81	81	79	79	81	79	80	------
12	56.99	57.41	58.33	57.18	57.76	58.80	57.74	28	27.8	28.9	30.2	28.7	28.2	28.6	30.6	27.7	77	76	76	75	77	77	76.3	------
13	57.55	57.66	58.48	57.60	57.96	58.56	57.97	27.9	27.8	29.9	30	28.8	28	28.7	30.7	27.6	80	81	73	74	80	82	78.3	------
14	57.56	58.75	59.11	57.85	57.78	59.10	58.36	27.9	27.7	30.1	30.4	29.1	27.4	28.8	30.8	26.3	82	84	79	72	77	87	80.2	------
15	58.39	58.43	58.59	57.59	57.50	58.78	58.21	27.3	27.6	31.9	30.2	28.4	24.6	28.3	33.1	23.9	87	89	70	77	77	94	82.3	21.1
16	57.57	57.54	57.58	56.60	56.40	57.73	57.24	24.3	24.4	29.9	27.5	28.5	24.8	26.6	31.6	23.7	95	94	73	87	78	94	86.8	5.3
17	56.26	56.67	57.47	56.04	56.66	58.31	56.90	26.7	26.9	29.3	30.7	28.8	26.9	28.2	31.5	26	86	86	74	70	76	83	79.2	------
18	57.21	57.16	57.72	56.39	56.65	58.12	57.21	26.9	27.2	28.9	31	28.7	26.3	28.2	31.4	25.9	83	80	74	65	75	88	77.5	------
19	57.08	57.37	57.52	55.85	56.40	57.78	57	26.8	26.7	28.9	30.7	28.3	25	27.7	31.7	24.9	86	88	81	72	78	96	83.5	20.3
20	56.83	57.74	58.17	56.65	56.81	58.47	57.44	24.8	24.5	28.4	28.7	27	24.7	26.4	30.2	24.1	96	97	77	79	87	94	88.3	.5
21	57.38	57.99	58.07	56.52	57.01	58.18	57.52	23.7	25.5	28.3	28.7	26.5	24.4	26.2	30.7	23	96	93	80	80	86	94	88.2	22.1
22	56.98	56.92	56.56	55.16	55.84	57.01	56.41	24.5	24.6	28.8	80.5	27.9	26.9	27.2	31.3	24.1	96	96	83	75	79	85	85.7	1.5
23	55.90	55.41	55.13	53.98	55.04	56.22	55.28	26.7	26.7	31.1	29.5	27	26.9	28	32.1	25.4	86	86	71	75	85	85	81.3	------
24	55.06	55.60	55.73	55.68	56.54	57.14	55.96	27.4	27.5	29	27.8	27.2	27.3	27.7	30	26.7	82	82	75	80	84	84	81.2	------
25	56.65	56.16	57.15	56.15	56.60	58.09	56.80	27.5	27.5	28.7	30.8	28.4	27.3	28.4	32.2	26.9	81	80	75	69	74	82	76.8	------
26	57.11	57.02	57.41	56.48	57.18	58.36	57.26	27.7	25.6	29.9	31.1	29.2	26.6	28.4	31.5	25.3	82	93	72	69	74	89	79.8	------
27	57.50	57.71	58.30	57.46	58.30	59.49	58.13	27.9	26.2	29.6	29.8	28.3	24.6	27.7	32.7	24	80	90	74	69	75	95	80.5	------
28	58.68	58.92	59.29	58.19	58.79	60.14	59	23.5	23.3	30.5	30.7	27.7	24.7	26.7	31	23	96	97	72	65	84	94	84.7	------
29	59.23	59.63	59.93	58.48	58.89	60.55	59.45	23	22.9	30.5	29.7	26.6	24.1	26.1	31.1	22.7	97	97	74	73	87	94	87	------
30	59.78	59.79	59.83	57.62	58.74	60.05	59.30	22.7	22.4	30.8	31.5	25.4	23.7	26.1	32.6	22.3	96	96	68	60	87	96	83.8	------
31	59.68	59.98	59.85	57.95	58.31	59.77	59.26	22.7	22.5	30.4	30.6	27.3	24.3	26.3	31.9	22.4	96	96	72	65	73	93	82.5	------
Mean	57	57.25	57.65	56.39	56.88	58.11	57.21	26.2	26.2	29.5	29.9	28	26.4	27.7	31.1	25.2	87	87.7	75.5	73.5	79.7	87.3	81.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	108.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	1	NE	1	S	1	SW	1	SW	1	SW	1	5	Ci.-S.	S.-Cu.	5	Ci. E	Cu.
2	WNW	1	SW	1	WSW	1	SW	2	Calm	----	NNW	1	8	------------	s.-cu. SW	5	Ci.	Cu. WSW
3	NNW	1	W	1	W	1	W	2	W	1	W	1	7	Ci.-S.	S.-Cu. W	8	Ci.-S.	s.-cu. WNW
4	W	1	W	2	W	2	WSW	3	WSW	2	SW	2	10	Ci.-S.	S.-Cu. W	9	Ci.-S.	N. W
5	SW	1	SW	2	SW	2	SW	2	SSW	3	SSW	2	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
6	SW	2	SW	2	SSW	2	SW	2	SW	2	SW	2	10	Ci.-S.	N. WSW	7	A.-Cu. W	S.-Cu.
7	SW	2	SW	2	SSW	2	SSW	2	SSW	2	SW	1	10	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
8	SW	2	SSW	2	SSW	2	SW	1	SSW	1	SW	1	10	Ci.-S.	Fr.-S.	9	Ci.-S.	S.-Cu.
9	SW	1	SW	1	SW	2	SW	2	SW	2	W	1	6	Ci.-S.	S.-Cu. wsw	4	Ci.	Cu. WSW
10	WSW	2	WSW	2	SW	3	SSW	3	SSW	3	SSW	4	10	Ci.-S.	S.-Cu. wsw	9	Ci.-S.	S.-Cu. SW
11	SSW	2	SSW	2	SSW	3	SSW	2	SSW	2	SSW	2	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
12	SSW	2	SSW	2	SSW	2	SW	2	SW	2	SW	2	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
13	SSW	2	SSW	2	SW	2	SW	2	SW	2	SW	2	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. SW
14	SW	1	SW	1	SW	2	SW	2	SW	2	W	1	8	Ci.-S.	S.-Cu. SW	6	Ci.	Cu. WSW
15	W	1	SW	2	SW	2	SW	2	W	1	WNW	1	6	Ci.	S.-Cu. wsw	6	Ci.-S.	S.-Cu. W
16	NW	1	Calm	----	W	2	SW	2	W	1	NW	1	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	N. W
17	SW	2	SW	2	SW	2	SW	2	SW	2	SW	1	8	Ci.-S.	cu.-N. wsw	4	Ci.	Cu.
18	SSW	2	SSW	1	SSW	1	SSW	1	W	1	W	1	5	Ci.	S.-Cu. SW	3	Ci.	Cu. SW
19	SW	1	SW	1	SW	1	SW	2	W	1	NW	1	7	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.
20	NNW	1	Calm	----	SW	1	W	1	Calm	----	NNW	1	10	Ci.-S.	Cu.-N. NW	9	Ci.-S.	cu.-N. wnw
21	NNW	1	SW	1	SW	1	SW	1	NW	1	N	1	9	Ci.-S.	S.-Cu. SW	5	Ci.-S.	Cu.-N.
22	N	1	NW	1	W	1	W	1	W	2	W	1	9	Ci.-S.	N. W	7	Ci.-S.	S.-Cu. W
23	W	1	W	1	WSW	1	SW	2	SW	2	SSW	1	4	Ci.	S.-Cu. W	5	Ci.	Cu.
24	SSW	1	SSW	2	SSW	2	SSW	2	SSW	2	SSW	1	6	Ci.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
25	SSW	2	SSW	2	SSW	2	SSW	2	SSW	2	SW	1	6	Ci.-S.	S.-Cu.	2	Ci.	Cu.
26	SW	1	Calm	----	S	2	SSW	2	SW	1	NW	1	6	Ci.-S.	S.-Cu. SSW	6	Ci.-S.	Cu.
27	SW	1	SSW	1	SSW	1	SW	1	W	1	N	1	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	S.-Cu.
28	N	1	Calm	----	SSE	1	SSW	1	Calm	----	N	1	7	A.-Cu. SE	S.-Cu.	3	Ci.	Cu.
29	N	1	N	1	SSE	1	S	1	Calm	----	N	1	0	Ci.	Cu.	8	Ci.-S.	Cu.-N.
30	N	1	N	1	S	1	SW	1	N	1	N	1	0	------------	Cu.	2	Ci.	Cu.
31	N	1	NNW	1	SSE	1	SSW	1	N	1	N	1	3	Ci. E	Cu.	4	Ci.	Cu.
Mean	-------	1.3	-------	1.3	-------	1.6	-------	1.7	-------	1.4	-------	1.3	7.3	------------	------------	6.5	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.47	59.63	59.55	58.45	58.49	60.05	59.27	23.7	23.4	29.7	26.7	24.4	22.8	25.1	32.6	22.7	96	96	75	69	87	96	86.5	------
2	58.93	59.11	59.14	56.93	56.95	58.77	58.30	22.2	22	31.5	31.8	26.4	24.4	26.4	33.7	21.4	96	97	68	60	84	94	83.2	3
3	57.78	58.03	57.94	56.34	57.33	58.61	57.67	23.8	23.1	29	28.5	25.7	24.1	25.7	30.7	22.9	96	96	79	78	88	95	88.7	9.9
4	57.48	57.43	58.14	56.75	57.16	58.67	57.60	23.5	22.6	28.4	30.7	28.6	26.3	26.7	32.4	22.4	97	97	80	70	78	90	85.3	------
5	57.65	57.93	58.45	57.16	57.61	58.90	57.95	24.5	23.5	28.9	31.5	26.9	25.6	26.8	32.1	23.2	94	97	78	68	90	93	86.7	3.5
6	57.84	58.33	58.92	57.15	57.39	59.11	58.12	24.2	23.5	26.8	30.3	27.4	25	26.2	31.6	23.4	94	94	90	71	83	93	87.5	44.6
7	58.43	58.58	58.74	57.34	57.76	58.54	58.23	23.7	23.5	27.4	28.4	26.3	24.9	25.7	29.7	23.2	95	96	81	80	89	93	89	4.8
8	57.68	57.90	58.56	57.05	57.42	58.69	57.88	24.4	24.7	27.8	28.9	27.3	25.9	26.5	29.7	23.8	93	92	77	73	83	89	84.5	2
9	57.51	58.15	58.67	57.18	56.94	58.11	57.76	24.7	24.5	25.9	27	27.5	27.2	26.1	28.7	24	94	95	89	86	82	84	88.3	4.5
10	56.68?	56.97	57.56	55.95	56.59	57.02	56.80	26.4	26.6	26.6	26.8	26.2	26.8	26.6	27.7	24.9	82	81	82	86	89	83	83.8	6.8
11	55.69	54.72	55.51	54.46	54.11	55.69	55.03	26.1	26.6	27.4	26.2	27.2	27.7	26.9	28.8	23.6	83	82	83	94	82	79	83.8	21.9
12	55.28	54.44	55.52	54.25	54.49	55.61	54.93	26.1	26.5	27.4	28.6	28.3	28.2	27.5	29	24	86	84	83	76	77	77	80.5	1
13	55.47	55.60	56.30	55.26	56.44	57.70	56.13	27.5	27.7	28.2	28.7	27.9	27.7	28	29.8	25.8	81	79	77	77	81	82	79.5	1.5
14	57.30	56.97	57.53	56.45	57.25	58.24	57.29	26.9	26.7	29.1	30.1	28.9	26.7	28.1	32.1	25.1	86	86	78	73	76	88	81.2	------
15	57.66	57.92	58.30	56.55	57.31	58.54	57.71	25.8	25.6	29.7	31.7	28.9	25.9	27.9	32.6	25	92	92	75	68	76	93	82.7	2.5
16	57.58	57.48	57.81	55.96	56.66	58.17	57.28	24.7	24.4	29	31.3	28.6	25.7	27.3	32.4	24	96	96	82	75	79	93	86.8	------
17	57.57	57.88	58.20	56.40	57.21	58.61	57.64	24.6	23.7	29.9	30.9	28	24.9	27	31.8	23.6	95	97	82	79	83	94	88.3	7.9
18	57.93	57.88	58.50	56.54	57.20	58.67	57.79	23.1	22.6	28.8	31.2	28.5	25.1	26.6	31.9	22.3	96	97	80	69	78	94	85.7	------
19	57.25	57.28	58.20	56.54	56.86	58.70	57.47	23.9	23.7	30.6	30.5	27.8?	28.1	27.4	33.1	23.3	96	97	76	72	82	82	84.2	------
20	56.96	57.25	57.96	56.01	55.91	57.46	56.92	27.7	27.6	29.7	30.2	28.2	28.6	28.7	30.9	25.7	84	84	77	72	82	80	79.8	------
21	56.14	56.80	57.16	55.25	55.45	57.11	56.32	28.5	27.9	29.4	29.6	28.6	28.5	28.8	29.9	27.7	78	81	72	78	78	78	77.5	------
22	56.16	57.20	57.81	56.54	57.05	58.50	57.21	28.3	28	29.2	29.2	28.5	28.5	28.6	29.9	27.8	79	80	74	79	80	78	78.3	------
23	57.80	58.70	59.04	58.13	58.20	59.38	58.54	28	27.6	29.1	29.7	28.3	27.9	28.4	30.8	26.8	79	79	76	75	81	79	78.2	------
24	58.49	59.34	59.30	58.06	58.28	59.50	58.83	27.6	26.6	30.3	30.3	28.6	28.2	28.6	31.4	26	80	82	74	72	76	77	76.8	------
25	58.24	58.34	58.74	57.38	56.76	57.92	57.90	27.9	27.5	29.6	30	28.8	28.3	28.7	30.6	25.9	78	80	74	75	78	78	77.2	------
26	56.87	57.10	57.14	55.69	55.93	57.21	56.66	27.9	27.7	29.5	30.6	29.2	28.5	28.9	31	27.6	79	81	73	65	72	75	74.2	------
27	56.15	56.35	56.46	55.43	56.18	57.60	56.36	28.2	27.8	30.4	31.6	29.6	28.7	29.4	31.8	27.6	76	77	70	66	81	83	75.5	------
28	56.72	57.87	58.41	56.83	57.50	58.64	57.66	28.6	28	29.7	31.5	29.4	28.6	29.3	31.9	27.8	82	85	83	72	81	82	80.8	------
29	58.53	58.83	59.04	57.85	58.09	59.60	58.66	28.5	27.8	30	31	29.6	28	29.2	31.6	27.5	82	86	80	77	79	85	81.5	------
30	58.21	58.29	59.38	57.45	57.64	58.65	58.27	28	28	29.9	30.7	29.7	28.1	29.1	31.4	27.8	85	85	80	76	76	85	81.2	------
31	57.47	56.65	57.55	56.38	56.70	58.30	57.18	27.9	27.9	29.6	31.3	27.8	27.9	28.7	31.6	27	86	85	82	77	84	84	83	------
Mean	57.38	57.58	58.05	56.57	56.93	58.27	57.46	26	25.7	29	29.9	28	26.9	27.6	31.1	25	87.6	88.3	78.4	74.5	81.1	85.7	82.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	113.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	S	NNW	N	N	-----	-----	-----	-----	-------	0	------------	Cu.	8	Ci.-S.	Cu.-N. NNW
2	N	NNW	WNW	WNW	Calm	N	-----	-----	-----	-----	-------	4	------------	S.-Cu. NW	7	Ci.-S.	Cu. NNW
3	NW	Calm	WNW	WNW	Calm	NNW	-----	-----	-----	-----	-------	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NW
4	NNW	NNW	S	SW	Calm	Calm	-----	-----	-----	-----	-------	5	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N. NW
5	NW	NNW	W	WSW	Calm	NNW	-----	-----	-----	-----	-------	7	Ci.	Cu.-N. W	7	Ci.-S.	Cu.-N. W
6	NNW	NW	WSW	WSW	WSW	WSW	-----	-----	-----	-----	-------	9	Ci.-S.	N. W	7	Ci.-S.	Cu.-N. W
7	NW	Calm	SW	SW	NW	NW	-----	-----	-----	-----	-------	10	Ci.-S.	N. SW	8	Ci.-S.	S.-Cu. SW
8	NW	WNW	W	WSW	Calm	Calm	-----	-----	60.6	12.6	-------	10	Ci.-S.	Fr.-N. WSW	9	Ci.-S.	S.-Cu. WSW
9	Calm	S	S	Calm	SW	SW	45.4	90.4	69.8	115.4	321	10	Ci.-S.	N. SSW	9	Ci.-S.	S.-Cu. SSW
10	SW	SW	SSW	SSW	SSW	SW	134.4	150.8	163.3	170.4	618.9	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SSW
11	SW	SW	SW	SSW	SSW	SW	150	161.5	196.3	182.6	690.4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
12	SSW	SSW	SSW	SSW	SSW	SSW	150.5	173.8	155.9	128.2	608.4	10	Ci.-S.	N. SW	8	Ci.-S.	S.-Cu. SW
13	SSW	SSW	SSW	SSW	S	W	164.3	142.1	109.1	29.8	445.3	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	S.-Cu. SSW
14	Calm	SW	SW	SW	Calm	NNW	56.6	94.4	40	21.5	212.5	8	A.-Cu. W	S.-Cu.	9	A.-Cu.	S.-Cu. SW
15	Calm	NE	SW	W	W	NNW	19.5	41.5	51	29.5	141.5	7	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu.
16	Calm	NNW	W	W	Calm	Calm	19.6	44.6	62.5	14.5	141.2	7	A.-Cu.	Cu.-N. W	8	Ci.-S.	Cu. NNW
17	Calm	Calm	SW	W	Calm	Calm	18.7	50.9	73	13.2	155.8	0	------------	Cu.	6	------------	Cu. - NW
18	Calm	Calm	S	SW	W	N	23.9	39.1	55.3	25.4	143.7	2	Ci.	Cu.	2	Ci.	Cu.
19	Calm	N	W	SW	SW	SW	27.7	51.2	68.9	54.4	202.2	5	Ci.	S.-Cu. W	5	Ci.	Cu. WSW
20	SW	WSW	SW	SW	W	SW	79.9	93.9	104.1	100.8	378.7	8	Ci.-S.	Cu.-N. W	6	A.-Cu. NNW	Cu.
21	SW	SW	SSW	SW	SSW	SSW	115.3	151.6	104.6	141.4	512.9	7	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	S.-Cu. SW
22	SSW	SSW	SSW	SSW	SSW	SSW	169.1	162.5	93.5	113.7	538.8	7	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
23	SSW	SSW	SW	SW	SSW	SSW	135.7	77.2	79.7	60.4	353	8	Ci.-S.	Fr.-S.	7	Ci.-S.	S.-Cu. SW
24	Calm	SW	SW	SW	W	SW	62.2	82.4	94.8	81.5	320.9	3	Ci.	S.-Cu. SW	3	Ci.	Cu.
25	SW	SW	SW	SW	WSW	SW	98.4	115.3	111.8	106.4	431.9	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
26	SW	SW	SW	SW	SW	SW	140.3	138.9	122.1	144.6	545.9	8	Ci.-S.	S.-Cu. SW	6	Ci.-S.	Cu.
27	SSW	SSW	SSW	SSW	SSW	SSW	176.5	192.1	127.4	131.2	627.2	0	Ci.	Cu.	4	Ci.	Cu.
28	SSW	SSW	SSW	SSW	SW	SW	149.1	168.7	102.8	130.4	551	3	Ci.	S.-Cu.	0	------------	Cu.
29	SW	SW	SSW	SSW	SW	SW	132.3	112.1	128.9	96	469.3	3	Ci.	S.-Cu. SW	3	Ci.	Cu.
30	SW	SW	SSW	SW	SW	SW	109.6	118	112	124.4	464	7	A.-Cu.	S.-Cu. WSW	2	Ci.	Cu.
31	SW	SW	SW	SW	SW	SW	140	128.4	114.8	123.1	506.3	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	100.8	112.2	100.1	89.6	407.9	6.5	------------	------------	6.6	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	56.10	56.26	57.31	55.76	55.95	57.20	56.43	27.9	27.7	29.7	29	28.2	28.2	28.4	30.6	27	84	84	82	81	86	85	83.7	------
2	55.75	55.90	56.76	55.26	56.33	56.31	56.05	27.8	27.9	29.6	29.6	24.3	26	27.5	30.6	24.2	86	85	80	79	96	90	86	9.9
3	54.81	55.61	55.81	54.38	54.92	56	55.26	27.9	27	27.7	28.7	26.8	27.7	27.6	29.2	26.2	87	91	93	85	92	87	89.2	7
4	55.46	55.42	55.94	54.69	54.72	56.70	55.49	27	26.8	28.4	28.7	28.2	27.8	27.8	29	25	90	90	80	78	80	80	83	12.8
5	55.81	55.67	56.04	54.33	54.45	56.49	55.46	27.7	27.7	28.8	29.2	28.6	28.2	28.4	29.7	26.4	79	79	80	79	80	80	79.5	1.5
6	55.44	55.16	55.70	54.29	54.63	56.30	55.25	27.6	27.3	29.5	30.5	29	28.9	28.8	30.9	26.3	81	80	72	72	76	76	76.2	------
7	55.04	55.07	56.43	54.71	55.87	57.05	55.70	28.6	27.8	28.9	29.3	26.9	26.9	28.1	30.6	26.3	75	76	78	77	89	88	80.5	.8
8	55.60	56.14	56.42	55.81	56.02	56.94	56.16	27.8	27.5	28.3	24.6	26.1	27.1	26.9	29.3	24.3	84	86	80	91	90	85	86	5.5
9	55.98	55.85	56.96	55.46	56.66	57.74	56.44	27.2	26.8	30.2	30	27.4	27.1	28.1	30.7	24.4	84	85	68	75	86	87	80.8	------
10	56.76	57.26	58	57.02	57.16	58.58	57.46	27.3	26.7	29.1	31	28.5	27.9	28.4	31.9	26.5	85	83	77	72	83	84	80.7	------
11	57.59	58.11	58.64	57.24	58.04	59.32	58.16	27.9	27.7	29	29	28.7	26.9	28.2	30.6	26.5	83	84	80	81	78	86	82	------
12	57.72	57.81	58.64	57	57.82	58.70	57.95	27.7	27.7	29	26.3	28	27.2	27.6	31.4	26.1	82	82	81	84	82	84	82.5	6.1
13	57.56	58.27	58.63	57.14	57.52	59.14	58.04	27.2	25.1	29	28.8	27.3	27.3	27.4	30	23.8	84	88	76	73	83	82	81	7.9
14	58.01	59.03	59.62	58.04	58.50	60.42	58.94	27.1	24	27.9	30.2	28.2	24.9	27	30.6	23.6	83	94	79	73	77	94	83.3	.8
15	58.96	59.26	60.04	58.17	58.34	59.89	59.11	24	24	29.8	31.5	28.8	24.9	27.2	32.2	23.6	97	97	73	69	75	94	84.2	------
16	58.45	58.84	59.48	57.43	57.58	59.26	58.51	23.6	22.6	29.2	32.4	29.1	25.2	27	33.1	22.4	97	97	75	65	74	94	83.7	------
17	57.95	58.05	58.54	56.89	57.08	59.67	58.03	23.6	23.4	29.5	31.5	29	24.7	27	32.5	23	96	96	79	66	75	94	84.3	------
18	58.33	58.46	59.54	57.78	57.96	60.59	58.78	23.3	22.7	30.5	32.4	29.5	25.7	27.4	33.7	22.5	96	96	74	69	76	95	84.3	------
19	59.56	59.91	60.63	58.39	59.14	61.21	59.81	24.3	23.3	30	32.4	27.1	25.3	27.1	33.1	23.1	96	97	74	69	87	95	86.3	.3
20	59.51	59.68	60.64	58.72	58.90	60.10	59.59	23.9	23.3	29	27.5	26.6	24.9	25.9	32.1	22.8	95	96	83	80	86	94	89	10.6
21	58.95	58.83	60.12	57.88	57.89	59.03	58.78	23.2	23.1	27.9	27.5	26	24	25.3	28.6	22.8	97	97	82	81	89	96	90.3	.8
22	57.91	57.58	58.36	56.36	57.49	58.18	57.65	23.3	22	29.9	28.4	24.6	23.3	25.2	31.2	21.9	95	97	77	82	93	96	90	42.7
23	57.25	56.91	57.67	55.89	56.59	57.98	57.05	22.9	22.3	29.6	29	27.1	25	26	30.8	22.2	97	97	77	78	85	93	87.8	------
24	56.78	56.91	57.92	56.33	57.50	58.57	57.34	26.9	27.1	28.1	30.8	27.6	25.1	27.6	31.5	24.8	86	87	79	71	85	94	83.7	------
25	57.66	57.84	58.33	56.42	57.41	59.34	57.83	24.8	25.2	29.6	31.8	28.5	26.2	27.7	32.7	24.4	95	93	74	65	77	90	82.3	3.3
26	58.18	57.89	58.95	56.68	57.40	59.29	58.06	24.2	25.9	29.4	29.8	27.5	27.6	27.4	30.8	23.8	95	89	68	74	78	81	80.8	2.8
27	57.79	58	58.86	56.94	57.86	59.63	58.18	27.4	27.1	29.9	30.2	27.8	27.4	28.3	30.8	26.7	82	83	75	73	80	81	79	------
28	58.14	58.64	59.29	57.20	58.49	59.47	58.54	27.3	26.4	29.8	31	28.3	25.9	28.1	31.4	24.6	81	83	82	72	78	91	81.2	1.3
29	58.52	58.55	59.11	57.41	58.50	59.67	58.63	25.2	27.6	30.3	32.7	28.7	24.8	28.2	33.4	23.9	93	84	70	58	74	95	79	------
30	58.45	59.05	59.80	57.88	58.88	60.67	59.12	23.7	23.3	31.2	33.3	27.8	24.4	27.3	34.2	23.1	96	97	68	54	80	95	81.7	------
Mean	57.33	57.53	58.27	56.58	57.19	58.65	57.59	25.9	25.6	29.3	29.9	27.7	26.2	27.4	31.2	24.4	88.7	89.1	77.2	74.2	82.3	88.9	83.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	114.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	SSW	SSW	SSW	SSW	SW	SW	144.6	128.5	149.4	142.6	565.1	4	Ci.	S.-Cu.	6	Ci.-S.	S.-Cu.
2	SW	SW	SW	SW	W	SW	111.3	119.1	135.8	74.5	440.7	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
3	SW	SW	SW	SW	SW	SW	133.1	150.7	121.5	127.9	533.2	10	A.-Cu.	N. SW	9	Ci.-S.	S.-Cu. SW
4	SW	SW	SW	SW	SW	SW	82.9	138.4	115.9	115.6	452.8	10	Ci.-S.	N. WSW	10	Ci.-S.	S.-Cu. SW
5	SSW	SSW	SSW	SSW	SW	SSW	158	135.4	117.3	106.2	516.9	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
6	S	S	SSW	SSW	SSW	SW	137.6	148.6	125.3	103.2	514.7	8	Ci.-S.	S.-Cu. SSW	7	Ci.-S.	Cu. SW
7	SW	SSW	SSW	SSW	SW	SW	123.3	134.4	104.8	85.1	447.6	7	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
8	SW	SSW	SSW	WNW	W	SW	111.2	120.7	59	80	370.9	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. WSW
9	SSW	SSW	SSW	SW	SW	SW	132.2	131.2	103	91.5	457.9	10	A.-Cu.	S.-Cu. SSW	9	Ci.-S.	S.-Cu. SW
10	SW	SSW	SSW	SW	SW	SW	120.2	108.1	96.9	82.9	408.1	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. WSW
11	SW	SW	SW	SW	WSW	W	98.8	93.1	82.7	57.4	332	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
12	SW	SSW	SW	WNW	W	W	99.8	114	75.1	88	376.9	7	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N. W
13	W	W	W	SW	SW	SW	84.3	71.1	97.7	77.7	330.8	10	Ci.-S.	N. W	10	A.-Cu.	S.-Cu. WSW
14	SW	Calm	SW	W	W	Calm	86.1	38.1	60	27.1	211.3	10	Ci.-S.	Fr.-N.	8	A.-Cu.	S.-Cu. W
15	Calm	Calm	W	W	W	Calm	22	44.8	35.1?	25.7	127.6	7	A.-Cu. WNW	S.-Cu.	5	Ci.-S.	Cu. W
16	N	NNW	S	W	W	N	28.7	36	57.9	26.6	149.2	0	------------	Cu.	1	------------	Cu.
17	N	NNW	S	SW	Calm	N	33.5	38.4	46.7	30.4	149	2	Ci.	Cu.	1	------------	Cu.
18	N	NNW	S	SSW	W	Calm	37.8	33.2	57.4	28.2	156.6	0	------------	Cu.	3	Ci.	Cu.
19	Calm	NNW	SW	SW	N	Calm	26.9	43.3	52	30	152.2	0	------------	Cu.	3	------------	Cu.-N.
20	N	NNW	SW	Calm	NNW	Calm	25.7	45.1	21.9	18.8	111.5	1	------------	Cu.	9	Ci.-S.	Cu.-N. NW
21	Calm	Calm	Calm	NNW	Calm	Calm	20.3	25.2	36.5	17.9	99.9	7	Ci.-S. NE	Cu.-N.	10	Ci.-S.	Cu.-N.
22	Calm	Calm	W	Calm	W	Calm	22.5	44.9	44	20.3	131.7	7	Ci.-S. NE	S.-Cu.	9	Ci.-S.	Cu.-N. NNW
23	Calm	N	W	W	Calm	Calm	26	54.7	65	19	164.7	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
24	N	WSW	SW	WSW	Calm	Calm	56.6	82.6	48.3	21.4	208.9	10	Ci.-S.	Cu.-N. W	6	Ci.	Cu. W
25	NE	E	SSE	SW	Calm	W	30.9	45.9	48.6	62.6	188	4	Ci. N	Cu.	6	Ci.-S.	Cu. W
26	NW	SW	SW	SW	W	W	44.1	63.6	82.1	85.6	275.4	9	A.-Cu.	N. WSW	8	Ci.-S.	S.-Cu. WSW
27	SW	SW	SW	SW	SW	SW	110.7	124.9	92.2	88.8	416.6	8	A.-Cu.	Cu.-N. SW	7	Ci.-S.	S.-Cu. SW
28	SW	SW	SW	SW	SW	Calm	88.5	85.6	82.4	41.2	297.7	10	Ci.-S.	N. SW	6	A.-Cu. SW	Cu.
29	Calm	SW	SW	SW	W	N	48.9	68.6	50.5	27.9	195.9	5	Ci.-S.	S.-Cu. SW	0	------------	Cu.
30	Calm	Calm	SW	W	W	Calm	27.6	34.6	-----	27.1?	-------	0	------------	Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	75.8	83.4	78.1	61	302.9	6.5	------------	------------	6.8	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.33	59.82	60.46	57.81	58.50	60.36	59.38	23	22.3	29.4	31.7	26.8	23.7	26.2	33.3	22.1	96	96	70	66	87	95	85	0.8
2	59.34	59.49	60.25	57.94	58.89	60.81	59.45	22.6	22.4	29	32.7	26.8	25	26.4	33.4	22	97	97	78	66	90	94	87	2.8
3	59.56	59.97	60.78	58.63	59.50	61.34	59.96	23.7	22.9	29.1	29.2	25.8	24	25.8	31.8	22.7	97	97	76	78	87	93	88	9.7
4	60.30	60.42	60.84	58.65	59.25	61.11	60.10	22.8	22.1	28.6	30	26.8	24.7	25.8	32.2	21.9	96	96	78	69	84	93	86	2.5
5	60.22	60.71	61.24	59.46	60.06	61.13	60.47	23.7	22.7	28.6	27.9	25.7	24	25.4	29.7	22.5	96	97	74	82	91	95	89.2	2.3
6	60.26	60.36	61.16	59.30	59.56	60.83	60.24	22.9	22.5	29	28	26.2	23.7	25.4	30.6	22.3	96	97	74	78	85	94	87.3	1
7	59.57	59.66	60.46	58.85	59.55	61.05	59.86	22.9	22.6	29.6	30	26.7	24.7	26.1	33.4	22.4	96	97	74	80	90	93	88.3	------
8	60.05	60.73	61.23	59.34	60.19	61.57	60.52	23.5	22.9	30.8	29.2	26.5	24.1	26.2	31.9	22.8	96	97	71	75	88	94	86.8	------
9	60.57	60.79	61.13	59.24	59.89	61.18	60.47	22.8	22.3	31.6	30.3	27.2	24	26.4	34.2	22.2	97	97	60	67	80	95	82.7	------
10	60.38	60.68	61.01	58.77	59.85	61.05	60.29	22.8	21.8	31.5	32.8	27.1	23.7	26.6	34.6	21.5	97	97	60	51	79	95	79.8	------
11	59.10	59.24	59.67	57.59	58.82	60.36	59.13	22.9	21.7	31.6	30	26.7	24.2	26.2	32.5	21.6	96	97	60	76	83	93	84.2	------
12	59.38	59.62	60.06	58.21	58.99	60.21	59.41	23.8	22.4	30.1	28.5	26.7	25	26.1	31.5	22.2	96	97	71	86	83	93	87.7	6.1
13	59.73	60.18	60.95	59.09	60.12	61.69	60.29	24.1	22	30.6	30	26.4	24	26.2	32.8	21.8	95	96	60	70	77	93	81.8	------
14	60.43	61.29	61.83	59.60	60.45	61.56	60.86	21.8	20.8	31.8	29.4	25.9	24.8	25.8	34.3	20.6	96	97	58	64	80	87	80.3	------
15	59.77	61.10	61.69	58.98	59.54	61.32	60.40	23.9	22.3	31.4	29.2	26.7	23.1	26.1	33.5	22	93	95	60	69	77	94	81.3	1
16	59.91	60.83	61.57	59.51	60.16	61.43	60.57	21.4	21.2	28	29.8	24.8	23.4	24.8	31.8	20.7	96	96	74	72	92	95	87.5	3.1
17	60.45	61.34	62.19	60.26	60.66	61.97	61.14	21.9	21.7	28.3	25.8	24.4	23.4	24.2	30.4	21.4	96	96	78	89	95	95	91.5	35.8
18	60.61	61.39	62.09	60.14	60.45	61.76	61.07	22.2	21.8	29.8	29.6	24.9	23.9	25.4	33.1	21.6	96	97	68	73	92	94	86.7	2.5
19	60.22	60.62	61.26	59.02	60.24	61.65	60.50	23	22.4	28.6	30	26.1	24.6	25.8	32.4	22.2	96	96	74	66	85	93	85	------
20	60.05	61.17	61.94	60.23	60.84	62.19	61.07	24.3	23.7	30	30.3	26.6	24.6	26.6	32.8	23.5	95	95	72	68	82	93	84.2	4.3
21	60.96	61.93	62.44	60.60	61.25	61.99	61.53	22.9	21.9	30.2	29.7	26.5	24.8	26	31.7	21.7	96	97	72	71	78	88	83.7	2.5
22	60.62	61.39	61.81	59.89	60.98	61.75	61.07	22.8	22.4	29	28.6	25.1	24.8	25.4	32.1	21.7	96	97	76	82	88	88	87.8	8.9
23	60.46	61.17	61.49	59.93	60.84	62.01	60.98	24.6	22.9	30	30.3	26.4	23.5	26.3	33.6	22.4	88	96	71	71	78	94	83	6.4
24	60.68	61.57	62.04	60.26	60.90	62.05	61.25	23.6	23.2	30.2	28.7	26.1	23.9	26	31.1	22.8	94	96	68	77	85	91	85.2	4.5
25	60.82	61.53	62.14	60.10	61.19	62.47	61.38	23.3	23.8	30.3	32.2	26.8	24.4	26.8	32.7	23.1	93	91	60	56	77	92	78.2	------
26	60.77	61.51	61.96	59.38	60.26	61.46	60.89	22.9	22.5	30.8	30.1	26.9	24.8	26.3	33.6	22	93	94	63	71	73	85	79.8	------
27	60.26	61.03	61.81	59.19	60.23	61.85	60.73	22.8	21.6	28.4	30.5	27.2	24.1	25.8	32.6	20.9	94	95	70	66	78	93	82.7	------
28	60.80	61.77	62.45	59.97	60.68	62.52	61.36	22.4	22.2	29	31	27.2	25.4	26.2	31.4	21.4	95	96	72	69	77	87	82.7	------
29	60.70	61.43	62.04	59.42	60.51	61.60	60.95	24.1	22.6	29.8	30	26.9	23.1	26.1	33.4	22	93	94	69	70	79	92	82.8	------
30	60.51	61.12	62.04	59.13	60.39	61.73	60.82	21.6	21.2	29.2	29.5	26.2	23.8	25.2	30.7	20.7	95	95	73	72	82	94	85.2	.5
31	60.75	61.54	62.08	60.39	61.02	62.57	61.39	22.4	21.8	31	29.1	26.1	25	25.9	32.8	21.5	95	96	61	70	89	93	84	2.3
Mean	60.21	60.82	61.42	59.32	60.12	61.50	60.57	23	22.3	29.8	29.8	26.3	24.2	25.9	32.4	21.9	95.2	96	69.2	71.6	83.6	92.5	84.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	97

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	N	S	SW	Calm	Calm	36.2	34.3	48.3	25.7	144.5	0	------------	------------	0	------------	Cu.
2	NNW	NNW	S	SW	Calm	Calm	33.8	42.8	47.8	19	143.4	0	------------	------------	2	------------	Cu.
3	N	Calm	S	Calm	N	N	19.1	35.1	34.8	27.6	116.6	0	------------	Cu.	7	Ci.-S.	Cu.-N.
4	N	Calm	S	S	N	Calm	27.1	41.6	52.8	31.2	152.7	0	Ci.	Cu.	6	Ci.	Cu. NE
5	N	N	S	Calm	Calm	Calm	30.9	34.1	19.6	19	103.6	2	------------	Cu.	8	Ci.-S.	Cu.-N. NNE
6	Calm	Calm	S	Calm	Calm	Calm	21.5	42.1	31.7	22	117.3	0	------------	Cu.	8	Ci.-S.	Cu.-N.
7	Calm	Calm	NE	SW	Calm	Calm	21.2	43.8	39.2	13.2	117.4	0	------------	Cu.	9	Ci.-S.	S.-Cu. NE
8	Calm	Calm	NE	N	Calm	Calm	18	43.5	38.3	8.5	108.3	4	Ci. NNE	S.-Cu.	8	Cl.-S.	Cu.-N.
9	Calm	Calm	N	NNE	Calm	N	14	43.8	38.6	15.8	112.2	0	Ci.	Cu.	7	Ci.-S.	Cu.-N.
10	Calm	Calm	N	N	Calm	Calm	11.3	58.1	54.7	15.9	140	5	Ci. NE	S.-Cu.	7	Ci.-S.	Cu. N
11	NNW	NNW	N	SW	N	N	27.6	40.5	78.7	35.4	182.2	3	Ci.	S.-Cu. N	3	------------	Cu. N
12	Calm	Calm	N	W	Calm	Calm	13.2	33.8	53.1	14.2	114.3	0	------------	Cu.	7	Ci.-S.	Cu.-N. NNW
13	Calm	Calm	N	NNW	N	Calm	14.5	34.8	54.7	14	118	0	------------	Cu.	5	------------	Cu. N
14	Calm	Calm	N	NNE	Calm	Calm	18.3	37.5	67.1	16.1	139	0	Ci.	------------	7	Ci.-S.	S.-cf. N
15	Calm	Calm	ENE	S	N	Calm	20.7	45.4	44	21.1	131.2	0	------------	Cu.	7	Ci.-S.	Cu.-N.
16	N	N	S	W	Calm	N	27.4	38.8	41.5	21.7	129.4	4	Ci.	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
17	Calm	N	S	W	Calm	N	19.6	34.8	34.4	29	117.8	0	------------	Cu.	9	Ci.-S.	N. NE
18	Calm	Calm	NE	N	N	Calm	21.2	56	46.5	16.6	140.3	0	------------	S.-Cu.	7	------------	Cu.-N. NE
19	Calm	N	S	S	NE	Calm	20.6	36.2	46.5	28.4	131.7	0	------------	Cu.	3	------------	Cu.
20	Calm	Calm	SE	N	Calm	Calm	23.5	39.4	40.5	15.6	119	6	A.-Cu. SE	S.-Cu.	7	Ci.-S.	Cu.-N. E
21	Calm	N	SE	NW	Calm	N	24.7	35.1	35.9	33.6	129.3	0	------------	Cu.	6	------------	Cu.-N. ENE
22	Calm	N	S	SW	Calm	Calm	22.2	45.7	44.8	24.9	137.6	0	------------	Cu.	7	Ci.-S.	Cu.-N. ENE
23	NE	Calm	N	E	NNE	Calm	24.6	46.4	60.6	20.1	151.7	0	------------	Cu.	8	Ci.-S.	Cu.-N. NE
24	ENE	Calm	E	NE	E	ENE	21.4	56	41.2	21.1	139.7	4	------------	S.-Cu. NE	10	Ci.-S.	N. NE
25	E	ENE	NE	ENE	ENE	Calm	23.9	71.4	57.3	23.3	175.9	7	A.-Cu. E	S.-Cu.	7	Ci.-S.	Cu. E
26	Calm	Calm	NE	S	NNE	Calm	14.8	43	43.5	17.2	118.5	4	Ci.-S.	S.-Cu.	6	------------	Cu. E
27	NNW	N	S	S	ENE	Calm	29.6	44.5	54.9	21.4	150.4	0	------------	S.-Cu.	6	Ci.	Cu. ENE
28	NNW	N	S	SW	NNE	Calm	30.4	41.5	43.8	35.1	150.8	6	Ci.	S.-Cu. E	6	Ci.	Cu. E
29	Calm	Calm	NNE	SW	Calm	Calm	21.2	48.6	57.3	16.7	143.8	0	------------	Cu.	6	------------	Cu. E
30	N	Calm	S	SSE	N	Calm	27.1	38.9	47.7	22	135.7	0	------------	Cu.	6	------------	Cu.-N. NE
31	Calm	Calm	ENE	NE	NNE	Calm	18.5	58.2	53.6	23.8	154.1	0	------------	Cu.	8	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	22.5	43.4	46.9	21.6	134.4	1.5	------------	------------	6.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,166.4	---	------------	------------	---	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.40	61.86	62.51	60.59	61.75	62.62	61.79	24.3	23	29.4	28.5	26.2	23.7	25.8	31.3	22.6	95	96	72	74	85	94	86	1.5
2	61.55	61.67	61.99	59.56	60.78	61.92	61.24	23.1	22.6	30.3	33.6	27.3	23.9	26.8	34.6	22.4	96	97	60	48	72	91	77.3	------
3	60.73	60.23	61.04	59.39	59.45	60.86	60.28	22	21	30.7	25.2	24.1	23.7	24.4	32.7	20.8	96	96	55	90	96	95	88	35.5
4	60.23	60.68	61.19	59.29	60.60	61.33	60.55	22.7	22.5	29.4	27.2	24.7	23.9	25.1	30.3	22.3	96	96	75	87	92	94	90	11
5	60.18	60.91	61.39	59.13	59.96	61.16	60.46	22.9	22.4	28.5	29.2	25.8	24.9	25.6	31.2	22.2	96	96	77	73	91	92	87.5	1.8
6	60.12	60.30	60.51	58.62	59.15	60.22	59.82	23.8	22.6	28.2	29.5	27.2	24.3	25.9	31.3	22.4	95	97	76	70	85	93	86	------
7	59.56	60.09	60.15	58.04	58.53	60.02	59.40	22.5	21.8	28.5	30.2	27.6	24.1	25.8	31.6	21.7	95	96	78	74	78	94	85.8	------
8	59.27	59.38	60.15	57.74	58.73	60.15	59.24	23.5	23.6	29.5	31.3	26.7	23.8	26.4	32.2	23	96	96	72	71	90	94	86.5	2
9	59.40	59.73	60.24	58.09	59.49	60.84	59.63	22.5	22.9	29.8	29.6	27.1	24.8	26.1	31.3	22	96	97	72	72	86	94	86.2	1.5
10	59.53	59.92	60.01	57.90	59.41	60.11	59.48	23.7	22.9	31.2	29.2	25.6	24.1	26.1	33.9	22.7	96	97	64	76	92	94	86.5	14.4
11	59.10	59.37	59.39	57.19	58.41	59.65	58.85	22.9	21.5	30	31.1	27.2	23.9	26.1	32.7	21.2	96	96	65	61	77	94	81.5	------
12	58.96	59.31	59.84	57.56	58.56	59.94	59.03	22.7	21.7	31.6	30.2	26.5	25.2	26.3	32.8	21.4	95	96	62	75	83	92	83.8	1
13	59.26	59.68	60.15	58.35	59.44	60.57	59.58	23.9	23.7	30.1	29.5	26	23.9	26.2	31.6	23.3	94	95	67	79	91	94	86.7	4.8
14	59.65	60.20	60.49	58.17	59.01	60.54	59.68	23.8?	22.7	30.6	28	25.7	23.7	25.8	33.1	22.5	95	97	67	81	91	95	87.7	3
15	59.16	59.42	60.04	58.08	58.95	60.10	59.29	22.6	21.7	30.2	26.7	25.6	23.8	25.1	30.8	21.4	96	96	74	84	88	95	88.8	13.5
16	59.14	59.42	59.63	56.98	57.97	59.45	58.76	22.2	21.7	28.3	31	25.8	24.8	25.6	31.9	21.5	96	97	78	72	85	92	86.7	1.8
17	58.59	59.11	59.54	57.51	58.75	59.95	58.91	23.8	22.4	30	29	25.6	23.9	25.8	31.2	22.2	95	95	71	74	88	94	86.2	.8
18	58.63	59.24	60.08	58.34	59.01	60.63	59.32	22.7	21.9	27.8	26.7	24.8	23.5	24.6	30.6	21.6	96	97	78	81	92	94	89.7	1.5
19	59.50	59.89	60.66	58.33	59.90	60.73	59.84	22.7	22	31.4	32.2	24.9	24.5	26.3	33	21.7	97	97	66	62	94	94	85	18.3
20	59.58	60.31	60.94	59.16	59.67	60.92	60.10	23.1	22.6	29.2	30.1	26.1	24.8	26	31.3	22.4	96	97	76	74	89	92	87.3	1.8
21	60.31	60.57	61.15	58.68	59.65	61.06	60.24	23.6	22.8	29.3	32	25.7	24.5	26.3	32.6	22.6	96	97	76	69	94	94	87.7	10.7
22	60.41	60.58	61.06	58.83	59.61	61.02	60.25	23.2	23	29.6	30.9	26.4	24	26.2	32.7	22.8	96	97	73	64	79	94	83.8	------
23	60.30	60.49	60.93	58.89	59.89	60.70	60.20	22.6	22	30.7	32.5	27.1	25	26.6	34.2	21.8	97	97	67	58	79	93	81.8	------
24	59.22	60.16	60.97	58.45	59.32	60.62	59.79	23.7	24	27.9	27.3	26	24.6	25.6	31.4	23.3	95	96	82	90	90	93	91	3.5
25	58.91	59.22	59.79	58.41	59.50	60.83	59.44	23.9	23.4	29.5	27.8	25.7	24.2	25.8	30.7	23.2	96	97	75	92	93	94	91.2	16.8
26	58.78	58.90	60.06	58.38	60.38	61.10	59.60	24.6	24.6	25.6	27.5	25.4	24.2	25.3	29.9	23.4	94	95	90	81	93	94	91.2	4.5
27	60.27	60.82	60.86	58.91	60.36	61.60	60.47	22.9	22.6	29.9	27.6	25.9	24.2	25.5	30.6	22.4	96	97	75	87	93	94	90.3	4.5
28	60.21	60.77	60.99	57.95	59.02	59.65	59.76	23.7	22.6	27.8	31.9	25.5	24.2	26	32.6	21.5	97	97	79	59	86	93	85.2	------
29	59.16	59.33	60.31	58.40	59.84	60.72	59.63	23.7	23.8	27.2	29	26.4	24.8	25.8	31.3	23.4	95	94	81	81	83	93	87.8	1.8
30	59.48	59.86	60.90	58.78	59.75	60.66	59.90	24	23.6	29.3	28.1	26	23.8	25.8	30.3	22.9	96	97	75	83	87	94	88.7	.5
Mean	59.69	60.05	60.57	58.46	59.49	60.66	59.82	23.2	22.7	29.4	29.4	26	24.2	25.8	31.9	22.3	95.7	96.4	72.6	74.7	87.4	93.6	86.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	156.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	Calm	E	Calm	Calm	24.7	29.8	37.2	16.1	107.8	6	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
2	Calm	Calm	N	ENE	Calm	Calm	16.4	52.3	60.9	22.7	152.3	0	------	Cu.	3	------	Cu. NE
3	Calm	NNW	N	Calm	Calm	Calm	14	45.1	35.1	17.7	111.9	0	Ci.-Cu.	Cu.	10	Ci.-S.	N. ENE
4	Calm	Calm	SE	Calm	Calm	Calm	24.1	40.7	32.2	17.7	114.7	7	A.-Cu.	S.-Cu. E	9	Ci.-S.	N. E
5	N	Calm	SE	S	N	N	23.6	39.1	41.3	29.5	133.5	4	Ci.	S.-Cu.	5	Ci.-S.	Cu.-N.
6	Calm	N	S	S	Calm	Calm	15.5	42.8	48.9	24.3	131.5	3	Ci. SE	Cu.	4	------	Cu. NE
7	Calm	Calm	S	S	NE	Calm	17.5	38.1	47.5	25.2	128.3	0	------	------	3	------	Cu. ENE
8	Calm	Calm	SE	S	Calm	Calm	16.7	36.2	46.4	20.4	119.7	5	Ci.	S.-Cu. NE	7	------	Cu. ENE
9	NE	Calm	ESE	S	Calm	Calm	25.9	34.1	49.7	18.3	128	5	------	S.-Cu. ENE	6	------	Cu. ENE
10	Calm	Calm	NE	N	Calm	Calm	17.7	45.4	42.9	24.6	130.6	0	------	Cu.	5	------	Cu. NE
11	N	N	NE	S	SE	N	21.7	51.7	43.3	20.7	137.4	0	------	S.-Cu.	3	------	Cu. ENE
12	N	Calm	NE	S	N	N	19.8	49.6	46.7	29	145.1	0	------	S.-Cu.	5	Ci.	Cu. E
13	Calm	NNW	NE	E	Calm	Calm	17.1	58.4	32.4	22.5	130.4	8	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Cu.-N. ENE
14	Calm	Calm	E	Calm	N	Calm	21.4	42.1	37	20.9	121.4	3	------	S.-Cu. E	8	Ci.-S.	Cu.-N. E
15	Calm	Calm	ENE	Calm	Calm	N	25.4	39.7	32	38.1	135.2	0	------	------	7	------	Cu.-N. E
16	Calm	Calm	S	S	N	Calm	17.5	34.4	42.8	25.7	120.4	2	------	S.-Cu.	5	------	Cu. ENE
17	NNW	Calm	S	S	Calm	Calm	18.5	38.6	35.4	16.3	108.8	1	------	S.-Cu.	3	------	Cu. E
18	Calm	Calm	S	NE	N	Calm	24.4	36.8	48.6	21.4	131.2	0	------	Cu.	8	------	Cu.-N. E
19	N	Calm	E	NW	Calm	Calm	23.6	31.4	33.8	15.9	104.7	0	------	Cu.	7	------	Cu.-N. ENE
20	Calm	NNW	S	S	N	Calm	16.4	40.7	48.1	23.6	128.8	0	------	Cu.	6	------	Cu.-N. ENE
21	Calm	N	S	W	Calm	Calm	22.8	39.9	46.7	15.8	125.2	0	------	Cu.	7	------	Cu.-N. E
22	Calm	Calm	N	NE	N	Calm	9.7	47.5	63.8	22.5	143.5	1	------	S.-Cu.	7	------	Cu. ENE
23	Calm	Calm	E	E	N	Calm	24.9	42.9	45.3	29.6	142.7	0	------	Cu.	4	Ci.	Cu. E
24	Calm	Calm	S	Calm	Calm	Calm	24.9	37.2	32	13.1	107.2	9	Ci.-S.	S.-Cu. E	9	A.-Cu.	S.-Cu.
25	Calm	Calm	N	NNW	Calm	Calm	8.7	37.8	35.1	9.7	91.3	6	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	N. N
26	N	NNW	NE	NE	Calm	Calm	37	68.1	44.1	16.9	166.1	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N. E
27	Calm	Calm	SE	S	N	Calm	16.9	38.3	41.6	26.2	123	0	------	Cu.	7	Ci.	S.-Cu. E
28	Calm	N	E	ENE	N	N	23.3	54.9	64.6	19.8	162.6	7	------	S.-Cu. E	6	------	Cu. E
29	Calm	N	S	E	NE	N	8.9	33.8	37	33	112.7	8	------	S.-Cu. E	5	Ci.	Cu. E
30	Calm	Calm	SE	Calm	Calm	Calm	17.1	36	26.6	11.3	91	5	------	S.-Cu. NE	9	Ci.-S.	S.-Cu. E
Mean	------	------	------	------	------	------	19.9	42.1	42.6	21.6	126.2	3	------	------	6.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,787	------	------	------	------	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.66	60.27	60.19	58.64	59.79	61.22	59.96	22.9	22	31.5	28.6	26.4	24.3	26	33	21.9	96	97	63	70	84	94	84	1.1
2	60.08	60.63	60.91	59.11	59.94	61.06	60.29	23.6	23.5	30.2	29	26.2	24.6	26.2	33.1	22.6	94	94	69	76	85	93	85.2	.8
3	59.73	60.10	60.78	58.55	59.71	60.25	59.85	23.3	22.3	30.6	30.5	25.4	24.3	26.1	32.8	22	96	96	66	68	92	94	85.3	6.1
4	58.96	59.27	60.33	58.27	59.21	60.57	59.44	23.8	23.7	28.5	27	25.4	24.3	25.4	29.8	23.3	97	97	82	88	92	94	91.7	1.5
5	58.91	59.20	60.16	58.39	59.61	60.23	59.42	23.8	23.7	28.9	25.5	25.3	24	25.2	29.4	23.5	95	96	79	93	93	95	91.8	7.6
6	59.67	60.10	60.42	58.35	59.51	60.31	59.73	23.7	23.4	27.4	28.5	26.8	24.8	25.8	30.2	23.2	96	97	85	83	83	93	89.5	1.5
7	59.65	59.92	60.51	58.23	58.85	60.32	59.58	24.6	23.3	29.6	32.4	26.8	25	27	33.5	23.2	95	96	66	59	80	92	81.3	.8
8	59.16	59.48	60.04	57.66	58.59	59.96	59.15	24.1	23.8	28.1	29.5	25.7	23.2	25.7	30.3	23.1	95	96	77	78	81	95	87	.5
9	59.17	59.32	60.16	57.94	59.01	60.01	59.27	22.3	21.2	28.6	29.8	26.5	25	25.6	32.7	21.1	96	96	73	64	82	92	83.8	.3
10	59.20	59.87	59.84	57.94	59.23	60	59.35	23.8	23.5	29.2	30.7	26.5	24.6	26.4	33.6	23.4	95	96	72	60	80	93	82.7	4.6
11	58.90	59.96	60	58.45	58.65	59.81	59.30	24.2	23.3	27.5	26	24.3	23.9	24.9	30.3	23.2	94	94	85	92	94	95	92.3	2.8
12	59.03	59.55	61.04	57.77	59.44	60.87	59.62	23.8	23.4	28.3	32.7	27.7	25.2	26.8	33.6	23.2	96	96	80	59	79	93	83.8	------
13	59.37	60.03	61.23	58.89	59.82	61.61	60.16	22.9	22.7	30.5	31.5	25.7	22.3	25.9	32.4	21.8	96	97	65	53	75	93	79.8	------
14	60.36	60.68	61.66	59.02	60.20	61.52	60.57	21.8	19.9	29.8	29.7	26.6	23.9	25.3	32	19.8	96	96	61	65	76	92	81	------
15	59.87	60.63	60.89	59.19	60	61.50	60.35	21.8	19.9	29	29.2	27.5	25.7	25.5	31	19.8	95	96	66	70	71	80	79.7	2
16	60.56	62.17	63.09	60.49	61.06	62.33	61.62	23.4	23.4	26	28.6	25	22.4	24.8	29.4	22	94	95	88	79	87	95	89.7	4.6
17	61.33	62.29	62.94	60.48	61.15	62.15	61.72	21.4	20.6	28.4	31.6	26	22.7	25.1	32.6	20.5	95	96	68	57	79	94	81.5	------
18	60.88	61.69	62.60	59.93	60.89	61.30	61.22	21.8	20.8	29.6	31.8	25.6	22.6	25.4	32.6	20.7	96	97	64	55	84	93	81.5	------
19	59.66	60.36	61.03	59.31	60.24	61.31	60.32	21.7	21.2	29.2	31	26.4	24.8	25.7	32.2	21	96	96	68	62	81	92	82.5	1.8
20	59.63	59.97	60.21	58.38	59.60	59.59	59.56	24.2	23.3	30.4	30.6	26.2	25.8	26.8	31.7	23.2	94	97	74	70	90	90	85.8	------
21	59.09	60.01	60.59	58.24	59.50	60.59	59.67	25.2	25.1	30.1	30.3	27.9	25.5	27.4	31.2	25	92	92	73	74	81	94	84.3	1
22	59.23	59.98	60.78	58.50	59.40	60.64	59.76	24.6	23.5	30.2	30	27.7	25.2	26.9	30.7	23.4	95	96	67	66	78	92	82.3	------
23	59.71	60.37	61.44	59.48	60.44	62.07	60.58	22.7	21.5	28.5	30.5	26.3	23.9	25.6	31.5	21.4	96	96	70	62	91	94	84.8	6.1
24	61.06	61.31	62.29	59.98	61.32	62.56	61.42	22.1	21.7	27.5	31.6	25.3	23	25.2	32.6	21.5	95	96	78	56	88	93	84.3	------
25	61.41	62.27	62.76	60.68	61.89	62.76	61.96	21.6	20.3	29	29.4	25.8	22.1	24.7	32.7	20.2	95	95	69	71	78	94	83.7	------
26	61.36	62.40	63.31	60.68	61.57	62.43	61.96	22.8	23.7	27.6	29.1	26	23.7	25.5	30.7	22.3	93	90	71	70	85	93	83.7	------
27	61.51	62.51	63.20	60.60	61.39	62.27	61.91	21.8	20.7	29	32	26.4	22.8	25.4	33.6	20.6	95	97	72	49	73	91	79.5	------
28	60.98	61.97	62.45	59.93	60.80	61.76	61.32	21.7	22.6	28.8	31.8	26.2	24	25.8	32.8	21.3	96	94	71	51	82	94	81.3	.8
29	60.31	61.25	61.71	59.30	59.54	60.36	60.41	22.9	22.2	28.7	27.6	25.1	22.9	24.9	31.5	21.6	96	96	62	79	78	94	84.2	1.8
30	59.70	60.33	61.09	59.16	60	61.21	60.25	21.8	21.7	28.5	29	25.7	22.7	24.9	30.2	21.2	96	96	72	60	80	94	83	------
31	60.61	61.52	61.99	59.92	60.92	61.83	61.13	21.2	20.5	29.5	32.2	26.2	22.8	25.4	33.3	20.4	95	96	61	52	74	92	78.3	------
Mean	59.96	60.63	61.28	59.08	60.04	61.11	60.35	22.9	22.3	29	29.9	26.1	23.9	25.7	31.8	22	95.2	95.6	71.5	67.5	82.5	92.8	84.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	45.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	N	NE	Calm	Calm	17.4	45.9	50.9	16.6	130.8	0	Ci.	Cu.	8	-------------	S.-Cu. E
2	Calm	N	NE	SE	N	N	18.3	66.8	42.3	30.6	158	5	-------------	S.-Cu. ENE	8	Ci.-S.	Cu.-N. ENE
3	Calm	Calm	NE	N	Calm	Calm	20.7	49.9	44.8	19.5	134.9	0	-------------	Cu.	7	Ci.-S.	Cu.-N.NE
4	Calm	Calm	S	NNW	Calm	Calm	14.3	36	16.1	15.5	81.9	4	Ci.	S.-Cu. NE	9	Ci.-S.	Cu.-N.
5	N	Calm	Calm	Calm	Calm	Calm	21.1	34.8	19.9	14.5	90.3	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. ENE
6	Calm	N	S	S	N	Calm	19	32	41	28.5	120.5	4	Ci.	S.-Cu.	7	Ci.-S. ESE	Cu. NE
7	N	N	NE	NNE	N	Calm	28.8	59.8	65.5	32.8	186.9	0	-------------	Cu.	1	-------------	Cu.
8	N	Calm	S	SSW	Calm	N	21.1	28.2	49.6	22.8	121.7	10	Ci.-S.	Fr.-N. NE	5	-------------	Cu. NE
9	Calm	NNW	E	NE	N	Calm	16.4	48.5	65	25.7	155.6	0	-------------	S.-Cu.	5	-------------	Cu. ENE
10	Calm	Calm	NE	ENE	Calm	Calm	16.4	36.4	56.5	26	135.3	9	Ci.-S.	S.-Cu. E	5	Ci.	Cu. E
11	NE	Calm	S	Calm	Calm	Calm	25.5	32.7	29	17.4	104.6	10	Ci.-S.	N. E	10	Ci.-S.	Fr.-N. E
12	Calm	Calm	Calm	E	NE	Calm	20.1	30.9	40.4	22.5	113.9	4	Ci.	S.-Cu. E	5	Ci.-S.	Cu. E
13	Calm	Calm	NE	ENE	NE	Calm	20.9	62.5	74.3	28.2	185.9	0	-------------	Cu.	2	-------------	Cu. ENE
14	Calm	N	ENE	S	NE	Calm	20.7	32.8	47.5	23.3	124.3	0	-------------	Cu.	2	-------------	Cu. ENE
15	N	N	SE	S	Calm	Calm	24.3	34.1	46.9	18.8	124.1	0	-------------	Cu.	5	-------------	Cu. E
16	NNE	Calm	Calm	NE	Calm	Calm	30.8	31.4	39.6	18	119.8	10	-------------	Fr.-N.	10	A.-Cu.	S.-Cu. NE
17	Calm	Calm	ENE	NE	Calm	Calm	20.9	46.7	54.9	16.6	139.1	0	Ci.	-------------	2	-------------	Cu. ENE
18	Calm	Calm	NE	N	N	Calm	15.8	33.6	59	9.5	117.9	2	-------------	S.-Cu. NNE	3	-------------	Cu. NNE
19	Calm	Calm	NE	N	Calm	Calm	17.9	34.4	55.5	10.5	118.3	5	-------------	S.-Cu. NNE	6	-------------	S.-cf.
20	Calm	Calm	NNW	NNW	Calm	NE	4.2	38.9	54.7	28.2	126	5	Ci.	S.-Cu. N	7	Ci.-S.	S.-Cu. N
21	Calm	E	SE	S	Calm	Calm	21.1	46.4	37.5	13.1	118.1	9	Ci.-S.	S.-Cu. E	5	Ci. NW	Cu.
22	Calm	Calm	E	S	Calm	Calm	12.1	46.9	45.3	17.5	121.8	0	-------------	Cu.	2	-------------	Cu.
23	Calm	Calm	S	SSW	Calm	Calm	24.4	38.1	47.2	24.4	134.1	0	-------------	Cu.	1	-------------	Cu.
24	Calm	Calm	NE	E	Calm	N	15.5	45.3	54.5	20.9	136.2	5	-------------	S.-Cu. NE	6	-------------	Cu. E
25	Calm	N	E	S	N	N	20.7	44	47.7	27.9	140.3	0	-------------	Cu.	4	-------------	Cu. E
26	N	NE	NE	NE	Calm	Calm	33.3	56.1	54.2	22.3	165.9	9	-------------	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
27	Calm	Calm	S	NE	NNE	Calm	20.3	37.5	57.9	24.3	140	0	-------------	-------------	1	-------------	Cu.
28	N	N	Calm	NE	NE	Calm	31.4	32.5	51.2	21.2	136.3	9	-------------	S.-Cu. NE	2	-------------	Cu.
29	Calm	Calm	NE	NE	N	Calm	13.2	58.5	59	10.3	141	9	-------------	S.-Cu. NE	8	Ci.-S.	N. NE
30	Calm	Calm	NNE	NE	N	Calm	15.3	49.3	58.7	26.9	150.2	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
31	Calm	Calm	NNE	ENE	Calm	Calm	27.4	49.6	63.1	21.4	161.5	3	-------------	S.-Cu. NE	5	-------------	Cu. ENE
Mean	------	------	------	------	------	------	20.3	42.6	49.3	21.2	133.4	4	-------------	-------------	5.4	-------------	-------------
Total	------	------	------	------	------	------	------	------	------	------	4,135.2	----	-------------	-------------	----	-------------	-------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.95	63.92	64.30	62.49	62.51	63.77	63.49	23.1	24.8	25	25.1	24.4	24.9	24.6	25.7	22.5	93	86	88	88	91	87	88.8	41.2
2	63.06	63.35	64.18	62.44	63.22	63.92	63.36	24.7	23.6	25.9	25	22.8	24.6	24.4	27.2	21.9	87	97	86	87	92	93	90.3	79.5
3	62.92	63.91	65.21	63.49	63.51	64.88	63.99	24.5	22.7	23.7	26.8	23.9	23.6	24.2	28.1	21.8	90	93	90	77	94	90	89	21.1
4	64.01	63.77	64.79	63.17	63.73	65.08	64.09	23.5	23.6	25.3	25	23.9	23.1	24.1	27.7	22.4	85	86	83	83	86	92	85.8	9.1
5	64.21	64.38	65.22	63	63.36	64.24	64.07	23.9	24.3	28.8	30.3	25.9	24.7	26.3	30.9	22.5	89	87	71	71	81	86	80.8	------
6	63.38	64	64.83	62.98	63.40	64.70	63.88	24.5	24.4	29.3	30.5	26.3	21.8	26.1	31.3	20.4	86	86	70	65	74	91	78.7	------
7	63.88	63.97	64.70	62.79	63.62	64.54	63.92	19.8	18.9	27.3	29.9	24.2	25	24.2	30.1	18.1	93	94	69	62	84	80	80.3	------
8	64.26	64.45	65.67	64.18	65.37	66.40	65.06	24.4	24.1	27.8	26.2	24.8	24.6	25.3	30.7	22.7	78	78	67	76	78	75	75.3	11.4
9	66.26	66.84	67.85	66.04	66.26	66.78	66.67	23.4	22.9	25.2	26.3	23.9	23.4	24.2	26.6	21.5	79	80	71	66	71	72	73.2	------
10	65.96	66.19	67.23	64.99	65.01	65.78	65.86	23.1	22.5	24.7	27.2	23.2	23	24	28.6	21.5	71	74	66	61	76	76	70.7	------
11	64.46	64.52	65.18	63.16	63.02	63.66	64	22.2	21.8	25.6	29.4	23.6	24.1	24.4	29.5	20.9	78	80	71	59	73	76	72.8	------
12	62.46	62.45	63.17	61.28	62.01	63.17	62.42	24.2	24.4	26.9	27.9	25.4	24	25.5	28.4	23.3	77	82	73	73	85	94	80.7	11.9
13	61.97	62.47	62.85	61.16	61.79	62.25	62.08	23.9	23.8	25.7	26.3	24.5	24.3	24.8	27.6	22.9	94	93	89	89	90	88	90.5	4.8
14	61.56	62.15	62.81	61.27	62.62	63.02	62.24	24.4	21.9	27.4	26.5	22.7	22.6	24.2	28.4	21.3	88	96	81	80	87	89	86.8	7.3
15	62.58	63.44	63.65	61.58	62.39	63.10	62.79	23.1	22.4	27.1	29.4	25.9	25.1	25.5	29.7	21.8	88	92	78	67	77	80	80.3	1.8
16	62.55	63.22	63.56	62.41	62.91	63.70	63.06	24.5	24	27.2	29	25.9	24	25.8	29.8	23.4	81	82	65	64	78	82	75.3	------
17	62.83	63.56	64.23	62.50	63.12	63.74	63.33	23.9	24.5	27.2	28.9	25.9	24.9	25.9	29.6	23.2	81	81	69	67	78	78	75.7	------
18	63.01	63.11	63.34	61.52	62.02	62.46	62.58	24.5	24.3	27.6	30	26.5	25.6	26.4	30.8	23.1	77	77	68	68	79	83	75.3	------
19	61.96	62.25	62.54	59.94	61.09	62.12	61.65	25	24.4	28.6	30.9	25.9	22.2	26.2	31.1	21.5	80	80	66	56	74	89	74.2	------
20	61.23	61.21	61.85	59.94	60.60	61.80	61.10	20.8	23.7	27.7	27.9	26.4	24.4	25.2	30.7	19.4	92	84	76	76	80	88	82.7	3.8
21	60.86	61.40	62.34	60.70	61.25	62.25	61.47	23.8	23.3	23.4	24	24.1	23.6	23.7	26.8	22.3	91	91	93	93	85	86	89.8	7.1
22	61.22	61.62	62.30	60.79	61.34	62.48	61.62	23.7	22.5	26.9	29.4	25.7	24.8	25.5	30.1	21.8	86	90	73	64	77	83	78.8	.3
23	61.71	61.86	62.60	60.86	61.77	62.99	61.96	24.6	24.6	26.9	29.2	26.1	25.4	26.1	29.7	23.5	82	82	77	64	74	77	76	2
24	62.33	62.37	63.18	61.07	61.16	62.25	62.06	24.5	23.3	25.2	25.9	24.2	24.8	24.6	26.7	22.1	80	88	81	78	83	74	80.7	3.3
25	61.36	61.65	62.62	60.94	61	62.23	61.63	24.1	24	27.9	28.9	25.5	24.9	25.9	29.9	23	78	80	72	68	74	76	74.7	------
26	61.51	61.73	62.32	60.90	61.90	62.97	61.89	24.3	24.1	27.2	26.9	25.9	24.5	25.5	28.9	23.1	78	74	63	70	75	84	74	3.8
27	62.56	62.46	62.70	61.26	61.40	62.88	62.21	24.1	24.3	27.4	29.7	25.3	24.6	25.9	30.1	23.1	86	87	74	64	84	78	78.8	1.6
28	62.06	62.01	62.56	60.44	60.39	61.49	61.49	24	23.5	27.2	29.7	25.9	23.9	25.7	30.2	22.2	80	80	68	63	72	82	74.2	------
29	61.05	61.48	62.07	60.06	60.41	61.84	61.15	22.5	21.8	27.9	30.4	25.9	24.1	25.4	31	20.3	87	87	71	62	71	81	76.5	------
30	61.38	61.34	61.86	60.66	60.82	62.11	61.36	22.1	23.2	26.6	29.3	26.4	25.7	25.6	30.3	20	92	84	79	72	79	83	81.5	------
31	61.19	62.11	62.48	60.80	61.36	62.24	61.70	24.9	24.6	28.3	29.9	25.9	24.9	26.4	31	24.1	87	86	68	65	71	77	75.7	.5
Mean	62.70	63.01	63.68	61.90	62.40	63.38	62.84	23.7	23.4	26.7	28.1	25.1	24.2	25.2	29.3	22	84.3	85.1	74.7	70..9	79.8	82.9	79.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	210.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	NE	NE	NE	NNE	112.9	122.9	123.1	85.9	444.8	8	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
2	NE	NE	NE	N	NNE	NNE	67.3	65	86.6	80.2	299.1	10	------------	N. ENE	10	Ci.-S.	Fr.-N. ENE
3	NE	NE	NNE	NNE	NNE	NE	45.7	80.8	115.1	103.2	344.8	10	Ci.-S.	Fr.-N. ENE	7	Ci.-S.	Cu.-N. NE
4	NE	NNE	NE	NNE	NE	NE	119.7	121.8	114.1	86.9	442.5	9	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Fr.-N. ENE
5	NE	NNE	NE	ENE	NNE	Calm	65.7	62.5	60.6	26.6	215.4	3	------------	Cu. ENE	2	------------	Cu. ENE
6	NE	Calm	NNE	E	NE	Calm	39.2	49.3	51.3	16.7	156.5	1	------------	Cu.	1	------------	Cu.
7	Calm	Calm	NNE	NNE	ENE	NNE	9.4	43.7	87.4	79.4	219.9	0	------------	------------	2	------------	Cu.
8	NNE	NNE	NNE	NNE	NE	NE	64.6	78.7	104.9	128.9	377.1	4	A.-Cu. ESE	Cu.	9	------------	Cu.-N. NE
9	NE	NNE	NNE	NNE	NNE	NNE	147.6	125.8	141	101.9	516.3	10	Ci.-S.	N. NE	2	------------	Fr.-Cu. ENE
10	NE	NNE	NNE	ENE	N	NNE	82.6	92.8	74.8	76.4	326.6	0	------------	------------	5	------------	Cu.-N. NE
11	NE	NNE	Calm	NE	NE	NE	47.8	44.9	56.9	64.4	214	4	Ci.-S.	Fr.-Cu. ENE	1	------------	Cu.
12	N	NE	NNE	NNE	NNE	NE	87.5	109.9	76.6	75	349	5	Ci.-S.	Fr.-Cu. ENE	8	------------	Cu.-N. ENE
13	NE	ENE	NNE	NNE	NNE	N	84.3	62.3	56.6	50.5	253.7	10	Ci.-S.	N. ENE	7	------------	Cu.-N. E
14	NE	Calm	NNE	Calm	NNE	NNE	30.9	16.3	------	113.3?	-------	3	Ci.-S.	N. ENE	9	Ci.-S.	N. NE
15	N	NNE	NNE	NE	NE	NE	------	46.9	71	92	-------	10	Ci.-S.	N. NE	4	Ci.	Cu. ENE
16	NE	NNE	NNE	NE	NE	Calm	79.1	89.5	62.3	39.2	270.1	1	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. NE
17	NE	NE	NNE	NE	NNE	NE	------	------	70.8	56.9	-------	6	A.-Cu.	Cu. ENE	7	A.-Cu. ENE	Cu.
18	NE	NNE	NE	NE	E	NE	46.1	59.8	44.8	30.8	181.5	1	Ci.	Cu.	2	------------	Cu.
19	NE	Calm	NNE	ENE	NE	Calm	41.5	41.2	36.4	11.1	130.2	3	Ci.	Cu. ENE	2	------------	Cu. NE
20	Calm	Calm	NNE	NNE	NNE	ENE	4.8	45.4	45.6	41	136.8	6	Ci.-S.	Cu. NE	9	Ci.-S.	Cu.-N. NE
21	E	N	NNE	Calm	Calm	NE	39.6	60.9	36.2	46.9	183.6	10	Ci.-S.	N. NE	10	Ci.-S.	N. ENE
22	Calm	Calm	NNE	NNE	NNE	NNE	34.8	67.1	62.3	67.6	231.8	8	Ci.-S.	Fr.-N. NE	8	------------	Cu.-N. NE
23	NNE	NNE	NNE	NNE	NNE	NE	75.3	93.6	102	89.3	360.2	6	Ci.-S.	Cu. ENE	6	Ci.	Fr.-Cu. NE
24	NE	NE	NNE	NE	NNE	NE	88.5	72.6	61	74.8	296.9	8	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Cu.-N. NE
25	NNE	NNE	N	ENE	NE	NE	56.3	69.7	73.8	71.1	270.9	1	------------	Cu.	2	------------	Cu. NE
26	NE	NE	NNE	NNE	NNE	Calm	85	82.7	57.3	38.6	263.6	3	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.-N. NE
27	Calm	NE	NNE	NNE	NNE	NNE	26.4	47	59.2	75.8	208.4	3	Ci.	Fr.-Cu. NE	6	A.-Cu. NE	Cu.
28	NE	NNE	NNE	NE	E	Calm	72.4	72.7	43.1	15.8	204	0	------------	------------	3	------------	Fr.-Cu. NNE
29	Calm	Calm	NE	ENE	NE	Calm	2.6	29.5	48.6	18.3	99	5	Ci.-S.	Cu. ENE	2	Ci.	Cu. NE
30	Calm	Calm	NNE	ENE	NNE	NE	2.2	51.5	53.4	47.2	154.3	2	Ci.	Cu.	10	Ci.-S.	Cu. ENE
31	NE	ENE	ENE	E	NE	N	61	74.3	73.7	48	257	9	Ci.-S.	Cu.-N. ENE	2	------------	Cu.
Mean	------	------	------	------	------	------	59.3	69.4	71.7	63	264.6	5.1	------------	------------	5.8	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.23	61.23	61.99	60.29	60.65	61.32	61.12	24.2	24	28.7	31	26.4	24.7	26.5	31.5	23.5	79	79	64	65	75	79	73.5	------
2	60.86	60.87	61.74	59.67	60.05	61.66	60.81	24.1	24	27.9	30.4	26.4	25.1	26.3	31.1	23.5	81	81	70	61	71	79	73.8	------
3	61.28	61.81	62.81	60.93	60.97	62.18	61.66	24.3	24.2	28.3	28.9	25.7	24.8	26	29.6	23.5	80	80	64	63	75	80	73.7	------
4	61.51	61.50	62.29	60.45	60.82	62.30	61.48	25	25.2	27.8	28.3	26.2	25.5	26.3	29.7	23.9	81	81	73	71	76	74	76	0.8
5	61.55	61.83	63.09	61	60.80	62.07	61.72	25	25	28.2	30.9	25.9	25	26.7	31.2	24.3	76	78	64	55	76	81	71.7	------
6	61.33	61.76	62.99	61.13	60.96	62.62	61.80	24.4	24.2	27.9	30.4	25.7	23.7	26	31.1	22.1	80	78	63	56	73	81	71.8	------
7	61.68	61.73	62.34	60.23	60.51	61.91	61.40	22.8	23.1	27.9	30.4	25.6	24.1	25.6	31	21.2	81	80	63	59	71	75	71.5	------
8	60.86	61.57	62.65	61.13	61.04	62.46	61.62	23.1	22.9	28.6	29.7	26.6	22.6	25.6	31.2	20.3	80	81	65	64	69	84	73.8	------
9	61.68	62.19	63.25	61.60	61.69	62.91	62.22	21.7	19	27.3	30.4	26.3	24.7	24.9	31.2	18.3	84	93	65	55	70	78	74.2	3.8
10	62	62.15	63.10	61.11	60.91	62.37	61.94	23.6	23.4	28.8	29.3	25.8	24.1	25.8	30.7	22.6	80	80	63	62	76	84	74.2	------
11	61.70	62.38	63.42	62.07	62.03	63.48	62.51	23.6	22.3	24.3	25.1	23.1	22.9	23.6	27.6	21.5	83	91	86	86	92	90	88	15.5
12	62.66	62.60	63.70	62.60	62.96	64.40	63.15	23.8	23.7	27.2	26	23.7	23	24.6	27.6	20	85	81	69	79	87	87	81.3	11.5
13	63.53	63.43	64.72	62.99	63.23	64.23	63.69	23.8	23.4	26.4	27.7	24.2	23.2	24.8	29.4	22.3	78	79	72	62	83	84	76.3	.3
14	63.33	63.39	64.54	62.73	63.16	64.46	63.60	22.7	22.4	26.2	28.9	25.2	24.8	25	29.2	20.7	83	84	74	60	76	72	74.8	1.3
15	63.80	63.70	64.30	62.75	63.06	63.48	63.52	23.9	23.8	27.6	29.4	25.6	24	25.7	30.5	22.6	77	77	64	59	75	77	71.5	------
16	62.95	63.25	64.42	62.52	63.01	63.72	63.31	23.3	23.1	28.4	30.7	25.9	24.1	25.9	31.1	22.5	80	79	60	54	71	78	70.3	------
17	62.85	63.05	64.34	62.35	62.17	63.23	63	24	23.6	28.9	30.6	25.7	20.9	25.6	31.2	19.6	78	79	62	58	69	88	72.3	------
18	62.27	62.62	64.15	62.25	62.39	63.38	62.84	19.3	18.1	28.2	29.7	25.7	20.4	23.6	31.2	17.4	91	95	67	61	72	91	79.5	------
19	62.66	63.03	64.09	61.80	61.96	63.27	62.80	18.1	17.3	27.3	29.4	25.7	24.5	23.7	31.1	16.7	94	96	62	58	72	75	76.2	------
20	62.32	62.73	63.62	61.85	61.66	62.40	62.43	23.7	22.4	29.3	30.2	25.9	24	25.9	31.2	20.5	77	82	62	58	69	75	70.5	------
21	61.38	62.29	63.02	61.09	61.29	62.52	61.93	19.7	18.6	27.9	29.5	25.9	23	24.1	30.4	18	89	93	57	53	68	83	73.8	------
22	61.63	61.57	62.25	60.24	60.48	61.91	61.35	21.6	18.9	28	29	26.4	21.4	24.2	30.9	18	86	91	66	62	70	91	77.7	------
23	61.16	61.93	63.24	60.90	60.16	61.80	61.53	22.6	21.3	27.4	31.2	27.1	22.9	25.4	31.6	20.8	87	91	70	59	78	90	79.2	------
24	61.29	61.54	62.81	60.52	60.39	61.87	61.40	19.9	19.4	28.4	31.5	26.8	25.5	25.2	32.2	18.9	95	95	69	58	72	80	78.2	------
25	61.02	61.48	63.14	60.32	60.65	61.87	61.41	21.8	19.3	29.2	31.4	26.9	25.6	25.7	31.8	18.7	91	92	61	57	75	76	75.3	------
26	61.37	62.11	63.53	61.67	61.87	63.62	62.36	24.9	23.9	28.9	31.2	26.4	25.6	26.8	31.6	22.8	79	83	63	60	73	75	72.2	------
27	62.67	63	64.43	62.73	62.39	63.86	63.18	24.8	24.9	29.2	30.5	26.4	25.5	26.9	31.3	23.5	76	75	62	60	72	77	70.3	------
28	62.84	63.10	64.35	62.63	62.24	63.94	63.18	24.9	25.1	27.7	28.6	24.9	24	25.9	31.5	23.4	80	82	73	70	87	91	80.5	9.4
Mean	61.98	62.28	63.37	61.48	61.55	62.83	62.25	23	22.4	27.9	29.7	25.8	23.9	25.4	30.7	21.1	82.5	84.1	66.2	61.6	74.8	81.2	75.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	42.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	NE	E	Calm	Calm	44.3	42	39.2	12.9	138.4	0	------	------	1	------	Cu.
2	Calm	Calm	NNE	NE	Calm	NE	29	46.7	43.5	29.3	148.5	8	Ci.-S.	Fr.-N. ENE	2	Ci.	Fr.-Cu. ENE
3	NE	NNE	NNE	ENE	NNE	NNE	50.2	64.6	71.4	69.7	255.9	8	Ci.-S.	Fr.-N. ENE	7	A.-Cu.	Cu. NE
4	NE	NE	ENE	ENE	ENE	E	75.8	88.8	95.3	85.9	345.8	3	Ci.	Cu. NE	4	------	Cu.-N. ENE
5	N	NE	NE	ENE	NE	NE	73	94.6	66	28	261.6	5	A.-Cu.	Cu. E	2	Ci.	Cu.
6	NE	NNE	NNE	E	NNE	Calm	29	58.9	58.9	13.1	159.9	2	------	Cu. ENE	1	------	Cu.
7	Calm	Calm	NNE	E	NNE	NE	4.6	34.3	52.6	40.4	131.9	6	------	Cu.-N. ENE	3	Ci.	Cu.
8	Calm	Calm	NE	ENE	E	Calm	19.8	27.2	38.1	6.1	91.2	6	Ci.-S.	Cu.	2	Ci.	Cu.
9	Calm	Calm	NNE	NNE	Calm	NE	1	37.2	57.4	37.8	133.4	3	Ci.-S.	Cu.	4	Ci.	Cu. NE
10	Calm	Calm	NNE	ENE	NNE	NNE	15.6	40.2	57.9	34.9	148.6	4	------	Cu.-N.	5	------	Cu.
11	Calm	Calm	NNE	NNE	NNE	Calm	24.1	29.8	58.4	59.2	171.5	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
12	NE	NE	NNE	E	NNE	ENE	49.7	56.5	58.7	81.6	246.5	6	Ci.-S.	Cu. NE	10	Ci.-S.	Fr.-N. NE
13	NE	ENE	NNE	NNE	NNE	NNE	74.5	86.6	98.2	76.9	336.2	10	Ci.-S.	Fr.-N. ENE	6	------	Cu.-N. NE
14	NE	NNE	NNE	NNE	NNE	NNE	78.7	95.3	114.8	105.6	394.4	9	Ci.-S.	Fr.-N. ENE	4	------	Cu.-N. NE
15	NE	NNE	NE	E	NE	NE	83.7	96.9	79.5	61.4?	321.5	2	Ci.-S.	Cu. ENE	1	------	Cu. ENE
16	NE	NNE	NE	ENE	NNE	NE	-----	79.2	56.6	46.9	------	1	Ci.	Cu.	3	------	Cu. NE
17	NE	Calm	ENE	ENE	NNE	Calm	39.2	69.7	67.8	16.1	192.8	2	------	Cu. ENE	2	------	Cu.
18	Calm	Calm	ENE	NNE	Calm	Calm	1.1	40.7	73.2	7	122	1	------	Cu. ENE	2	A.-Cu. NE	Cu.
19	Calm	Calm	NNE	ENE	NNE	NE	10.8	37.5	60.4	33	141.7	1	------	Cu. ENE	1	------	Cu. ENE
20	NE	NE	ENE	ENE	NNE	Calm	27.1	79.4	84.5	29.6	220.6	3	------	Cu.-N. E	2	------	Cu.
21	Calm	Calm	NNE	ENE	NE	Calm	6.9	43	56	22.3	128.2	1	------	Cu. ENE	1	------	Cu.
22	NE	Calm	NE	ENE	Calm	Calm	-----	-----	-----	15.3	------	0	------	------	2	A.-Cu. NE	Cu.
23	NE	Calm	Calm	ENE	ENE	Calm	28.4	26.6	41.2	11.1	107.3	1	------	Cu.	2	------	Cu.
24	Calm	Calm	Calm	ENE	NE	NE	2.6	14.3	44.6	41.3	102.8	0	------	------	6	Ci.	Cu.
25	Calm	Calm	NNE	E	E	NE	11.5	28.5	52.6	53.9	146.5	0	------	------	1	------	Cu.
26	NE	NE	NNE	E	NNE	NE	41.3	51.5	83.7	96	272.5	5	A.-Cu. NE	Cu.	5	Ci.	Cu.
27	NE	NNE	E	E	NNE	NE	63.6	65.2	67.1	70.5	266.4	2	------	Cu.	2	------	Cu. ENE
28	NE	NE	NNE	ENE	NNE	NNE	56.6	73	76.7	62.3	268.6	9	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	36.2	55.9	65	44.6	202.1	3.8	------	------	3.6	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.03	62.98	64.26	62.64	62.59	64.15	63.28	23.9	25.3	28.8	30.6	26.6	25.9	26.8	30.9	23	91	88	73	65	79	78	79	------
2	63.39	63.45	64.44	62.29	62.34	63.94	63.31	24.9	24.6	28.2	31.2	26.8	25.4	26.8	31.6	23.5	83	82	64	58	74	76	72.8	------
3	62.88	62.92	63.91	61.48	61.11	61.84	62.36	24.3	23.9	26.7	29.4	24.7	24.6	25.6	30.3	22.9	81	81	71	64	93	88	79.7	1.5
4	60.21	60.63	61.75	59.74	59.71	60.55	60.43	24.9	24.9	28.7	28.3	24.9	24.7	26.1	29.4	23.8	88	88	69	76	92	91	84	29.8
5	59.03	59.40	60.57	58.26	58.71	60.11	59.35	24.1	24	25.2	25.2	24.9	24.8	24.7	26.6	23.1	95	95	95	93	95	94	94.5	35.5
6	59.75	59.66	60.11	58.09	58.31	59.85	59.30	23.9	23.7	27.2	29.4	27.2	26.2	26.3	30.7	23.3	97	96	82	79	85	87	87.7	------
7	59.02	59.33	60.20	58.20	58.51	60.37	59.27	25.3	24.4	29.2	30.3	27.3	26.1	27.1	31.3	22.9	87	90	78	72	84	84	82.5	.3
8	59.33	59.87	60.90	58.66	59.43	60.64	59.80	25.7	24.8	28.3	30.5	26.9	25.8	27	31.6	24	82	87	81	69	82	84	80.8	7.1
9	59.67	59.69	60.95	58.77	58.81	60.35	59.71	25.6	25.4	29.7	30.9	27	25.9	27.4	31.5	24.5	84	85	73	69	79	81	78.5	------
10	59.81	60.35	61.69	59.59	59.10	60.20	60.12	24.8	24.5	29.8	31.3	26.4	24.9	27	31.7	23.7	85	85	61	57	69	72	71.5	------
11	59.73	59.77	61	59.35	58.90	60.25	59.83	23.4	22	28.1	31.6	27.2	25.4	26.3	31.6	21.6	79	85	66	59	70	80	73.2	------
12	59.55	60.30	61.46	59.83	59.56	61.14	60.31	25	25	29.4	30.2	27.8	26.3	27.3	31.6	24.2	88	91	73	71	80	85	81.3	------
13	60.34	60.97	62.18	60	59.81	61.65	60.82	23.6	21.9	29.4	32.3	27.7	26.3	26.9	32.3	21.4	91	96	71	60	79	83	80	------
14	60.41	61	62.35	60.52	60.95	62.15	61.23	24.9	23.4	29.6	30.4	25.7	25.8	26.6	32.2	22.6	87	92	68	66	74	77	77.3	------
15	61.77	62.30	63.26	61.29	61.18	62	61.97	25.1	24.4	29.6	30.9	27.3	26.4	27.3	31.4	23.9	80	82	62	60	76	80	73.3	------
16	60.91	61.17	62.49	61.04	60.79	62.09	61.42	25.5	25.1	27.4	26.7	26.2	24.9	26	29.4	24.3	86	88	73	76	84	84	81.8	26.6
17	61.30	62.17	63.80	62.23	62.51	63.71	62.62	24.6	24.4	28.4	30.9	26.1	25.5	26.6	32.1	23.8	85	85	72	67	85	81	79.2	2
18	63.05	64.05	64.79	62.90	62.88	64.39	63.68	25.6	25.7	29.7	31.2	27.3	25.1	27.4	31.7	24.8	81	78	66	62	70	82	73.2	------
19	62.86	63.21	63.99	61.57	61.24	62.60	62.58	24.9	24.7	29.2	32	26.7	25.9	27.2	32.8	23.4	81	79	64	58	75	79	72.7	------
20	60.95	61.25	62.34	59.48	59.26	60.71	60.66	25.4	25.6	30.2	31.5	27.3	25.9	27.6	32.6	24.7	80	80	60	60	80	83	73.8	------
21	59.61	60.21	61.30	58.92	58.89	60.80	59.96	25.6	25.4	29.9	31.7	27.4	25.2	27.5	32.7	24.7	84	85	68	64	76	85	77	------
22	59.46	60.36	61.19	59.40	59.38	61.31	60.18	25	25.6	31	32.3	27.6	26.4	28	32.8	24.6	85	86	64	63	77	81	76	------
23	60.16	60.70	61.49	59.67	59.31	60.82	60.36	25.8	25.2	30.7	32.2	27.9	26.3	28	33.1	24.2	82	85	60	60	78	83	74.7	------
24	60.01	60.76	61.99	59.65	59.95	61.21	60.60	26.1	26	30.9	31.6	27.7	26.3	28.1	32.7	25.1	82	82	61	60	75	79	73.2	------
25	60.36	60.77	62.24	59.99	59.36	60.80	60.59	25.1	25	27.4	31.7	26.9	26.2	27	32.2	24.1	83	83	79	62	80	80	77.8	2.3
26	60	60.30	61.56	59.84	59.58	61.26	60.42	25.7	24.8	28.9	30.9	27.6	26.1	27.3	32.2	23.9	81	85	60	56	70	70	70.3	------
27	60.41	60.80	61.41	59.83	59.54	61.30	60.55	25.5	25.8	28.9	29.4	27.2	26.5	27.2	31	24.7	74	73	61	60	71	75	69	9.7
28	60.54	60.76	61.88	60.53	60.30	62.15	61.03	24.6	24.9	29.4	27.7	27.3	25.9	26.6	30.9	22.9	87	86	64	69	77	81	77.3	------
29	61.14	61.46	62.20	60.12	60.01	61.36	61.05	25.6	25.2	30.5	31.8	27.2	26.3	27.8	32.8	24.7	81	81	63	61	77	80	73.8	------
30	60.46	60.90	61.43	59.52	59.18	60.06	60.26	25.2	22.3	29.7	31.7	27.8	24.2	26.8	32.8	21.7	77	92	70	64	73	82	76.3	------
31	59.12	59.46	60.38	58.18	58.11	59.67	59.15	23.1	23.4	30.2	32.4	27.7	26.4	27.2	32.7	20.1	88	87	60	57	70	77	73.2	4.6
Mean	60.59	61	62.05	60.05	59.98	61.40	60.85	24.9	24.6	29	30.6	26.9	25.7	27	31.6	23.6	84.4	85.7	68.8	65.1	78.4	81.4	77.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	119.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	NNE	E	E	E	NE	61.5	77.5	81.8	65.7	286.5	10	Ci.-S.	Fr.-N. E	2	------------	Cu. ENE
2	NE	NNE	NNE	ENE	E	NE	48.6	76.7	75.9	97.6	298.8	2	Ci.	Cu.	4	------------	Fr.-Cu. NE
3	NE	NNE	NNE	NE	NNE	NNE	74.5	89.1	89.5	93	346.1	0	------------	------------	7	A.-Cu. ESE	Cu. ENE
4	NE	NNE	NNE	NNE	NNE	NNE	75.1	76.7	78.1	67.3	297.2	8	Ci.-S.	N. ENE	6	Ci.-S.	Cu.-N. ENE
5	NE	NNE	NNE	NNE	NNE	ENE	75	67.8	75.6	86.3	304.7	10	Ci -S.	N. NE	10	Ci.-S.	Fr.-N. ENE
6	Calm	Calm	ENE	ENE	ENE	NE	23.9	27.6	61.8	59	172.3	10	Ci.-S.	N. ENE	5	A.-Cu. ENE	Cu.-N.
7	NE	Calm	NNE	ENE	NE	NE	35.4	55.7	71.4	48.6	211.1	1	------------	Cu.	2	Ci.	Cu.
8	NE	NNE	E	E	E	NE	46.4	61.2	96.6	64.4	268.6	2	A.-Cu.	Cu. ENE	1	------------	Cu.
9	N	NE	ENE	NE	E	NNE	47	-----	69.5	64.4	------	7	------------	Cu.-N. ENE	3	------------	Cu. ENE
10	NE	NNE	NNE	E	ENE	NE	48.3	59.2	83.7	58.9	250.1	1	------------	Cu.	1	------------	Cu.
11	NE	Calm	NNE	ENE	E	NE	37	41.5	48	48	174.5	0	------------	------------	2	------------	Cu.
12	NE	Calm	NNE	ENE	E	E	27.7	30.9	53.4	67	179	8	Ci.-S.	Cu. ENE	4	A.-Cu.	Cu.
13	Calm	Calm	ENE	E	E	E	3.2	18.2	56.1	73.5	151	1	Ci.	Cu.	2	------------	Cu.
14	Calm	Calm	NNE	ENE	N	NNE	19	38.8	77.2	59.8	194.8	1	------------	Cu.	3	A.-Cu.	Cu. NE
15	NE	NE	NE	E	E	NE	85.3	64.6	72.1	67.9	289.9	1	Ci.	Cu.	2	------------	Cu. ENE
16	NE	NE	NE	NNE	NNE	NE	78.9	89.9	77.7	56.1	302.6	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N.
17	N	NE	Calm	NNE	NNE	NE	61.8	61.7	71	41.8	236.3	0	------------	------------	5	------------	Cu.-N. E
18	NE	NE	NE	ENE	ENE	NE	64.4	62.8	61.2	45.4	233.8	1	Ci.	Cu.	4	Ci.	Cu. ENE
19	NE	NE	NNE	NE	NE	NE	46.5	73.2	59	60.9	239.6	1	Ci.	Cu. NE	3	Ci.	Cu. ENE
20	NE	NE	NNE	E	ENE	E	61	49.7	50.2	54.5	215.4	2	Ci.	Cu. ENE	2	Ci.	Cu. E
21	NE	NE	NE	E	ENE	NE	44.9	34	58.7	43.1	180.7	3	Ci.	Cu. ENE	3	Ci.	Cu.
22	N	NE	E	E	NE	ENE	41.5	52.5	68.1	55	217.1	3	Ci.	Cu.	2	Ci.	Cu.
23	NE	NE	NE	E	E	NE	48.1	48.8	56.5	56.5	209.9	1	Ci.	Cu. ENE	2	------------	Cu. ENE
24	N	NE	NE	ENE	ENE	NE	65	70.6	88.5	72.4	296.5	3	------------	Cu. ENE	3	Ci. E	Cu. ENE
25	NE	NE	ENE	E	N	NE	43	67	62.3	79.4	251.7	2	------------	Cu. ENE	3	------------	Cu. ENE
26	NE	NE	NNE	NNE	NE	NNE	64.1	83.5	78.4	89	315	6	------------	Cu.-N. ENE	3	Ci.	Cu. NE
27	NE	NNE	NNE	NNE	NE	NE	114.3	142.1	104.3	96.6	457.3	5	A.-Cu. S	Cu. NE	8	Ci.-S.	Cu.-N. ENE
28	Calm	NE	NNE	ENE	NNE	NE	59	93	95.6	64.9	312.5	1	------------	Cu. ENE	10	Ci.-S.	Cu.-N. ENE
29	NE	NNE	NE	E	NE	NE	57.1	67	70.3	65.7	260.1	0	------------	------------	3	Ci.	Cu. E
30	Calm	Calm	E	E	E	Calm	25.2	55.5	61.2	34.6	176.5	1	Ci.	Cu.	1	Ci.	Cu.
31	Calm	NE	NNE	E	NE	NE	-----	-----	73.2	61.5	------	0	------------	------------	1	------------	Cu.
Mean	------	------	------	------	------	------	52.8	63.3	71.8	64.5	252.7	3.2	------------	------------	3.7	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.77	59.55	60.96	59.39	59.13	60.54	59.72	24.9	23.9	25.2	25.7	24.9	24.7	24.9	27.9	23.4	86	92	92	89	90	88	89.5	26.6
2	59.38	60.36	61.64	59.54	60.08	61.26	60.38	24.2	24	29.7	31.4	27.9	26.9	27.4	31.9	23.1	87	86	62	60	79	83	76.2	3.1
3	59.89	60.17	60.93	59.79	60.23	60.99	60.33	26.2	25.8	30.2	31.2	28.2	27.1	28.1	32.1	24.9	87	89	71	70	82	87	81	6.1
4	59.79	60.22	61	58.87	59.33	61.01	60.04	26.8	26	29.7	31.1	28.2	26.8	28.1	32.6	25.1	86	92	79	69	82	83	81.8	------
5	59.91	60.12	60.89	59.52	60.19	61.11	60.29	25.9	25.7	31.4	29.4	26.6	26.4	27.6	33.2	23.2	89	92	67	76	87	85	82.7	1
6	59.35	59.51	60.95	58.39	58.25	60.29	59.46	25.7	25.3	29.7	31.9	28.3	26.9	28	32.4	24.6	88	90	76	65	78	85	80.3	------
7	59.27	60.17	60.84	58.36	58.63	60.41	59.61	25.3	23.9	31.1	33.2	29.2	28	28.4	33.6	23.1	94	96	73	65	78	85	81.8	10.7
8	59.64	60.55	61.55	59.24	60.04	61.91	60.49	26.7	25.4	31.2	33.3	28.4	26.3	28.6	33.6	24.3	89	93	70	61	76	83	78.7	4.8
9	60.64	61.42	62.34	60.86	61.63	62.66	61.59	26.1	26.3	31.3	33	26.4	25.8	28.2	33.9	24.6	83	85	65	63	87	84	77.8	24.9
10	61.69	62.08	62.87	61.17	60.82	62.34	61.83	24.8	24.4	25.6	25.7	25.7	26.2	25.4	26.4	23.1	91	93	88	87	87	79	87.5	7.6
11	60.97	60.83	61.46	59.32	59.45	60.40	60.40	25.5	25.4	29.7	31	27.2	26.3	27.5	31.5	24.1	80	80	67	61	76	76	73.3	------
12	59.34	60.25	60.90	58.97	59.26	60.50	59.87	25.5	23.6	30.6	31.4	27.7	26.4	27.5	32.3	23	77	86	63	61	76	76	73.2	------
13	59.70	60.04	60.64	59.27	59	60.54	59.87	25.6	24.4	30.3	32.2	28.2	26.9	27.9	32.6	23.9	79	85	64	58	72	78	72.7	------
14	59.97	60.45	61.40	59.62	59.33	61.25	60.34	24.9	23	30.7	31.9	28.2	26.9	27.6	33.2	22.4	87	92	65	61	75	78	76.3	------
15	60.62	61.33	62.30	60.58	60.59	62.01	61.24	25.7	23.7	30.9	32.8	28.2	26.6	28	33.5	22.8	79	91	64	58	75	80	74.5	------
16	61.01	61.55	62	59.33	59.41	60.35	60.61	25.8	25.4	30.7	32.4	28.4	26.6	28.2	32.8	23.6	84	86	65	60	72	80	74.5	------
17	59.55	60.15	60.87	58.47	58.53	60.18	59.62	24.9	23.5	30.2	33.2	28.6	27.1	27.9	33.7	22.4	85	91	68	56	75	81	76	------
18	59.69	59.97	60.50	58.96	59.30	60.99	59.90	26.6	25.9	31.4	32.3	28.9	26.9	28.7	33.6	25.4	80	84	63	59	74	83	73.8	------
19	59.75	60.19	61.08	59.28	59.89	61.13	60.22	26.6	26.8	30.8	31	28.4	27.1	28.4	33.5	25.7	84	86	67	67	77	84	77.5	------
20	60.45	61.40	62.70	60.54	61.21	62.83	61.52	26.6	26.4	29.3	31.9	28.7	27.1	28.3	33.1	25.8	87	88	78	65	79	87	80.7	16
21	61.60	62.60	62.68	60.68	61.51	62.13	61.87	27	26.8	80.4	31.8	28.6	27.1	28.6	32.7	26	86	85	68	62	79	87	77.8	1.3
22	59.90	60.40	61.31	59.51	59.64	61.07	60.30	27	26.9	25.2	26.4	27.4	27.1	26.7	29.4	24.5	88	88	94	92	83	85	88.3	31
23	59.61	60.56	61.29	59.17	59.25	60.83	60.12	26.3	26.4	30.4	33	28.9	27.6	28.8	33.6	24.6	88	88	72	63	80	82	78.8	------
24	59.50	60.09	61.29	59.65	60.01	61.38	60.32	27	26.9	31.7	30.6	28.7	27.9	28.8	33.8	26.1	85	86	67	72	78	80	78	------
25	59.93	60.06	60.87	59.23	59.48	61.13	60.12	27.3	27.4	31.7	32.7	28.8	28	29.3	33.4	26.5	83	87	69	65	80	83	77.8	------
26	60.08	61.02	61.65	59.89	59.53	60.81	60.50	27.4	27.1	30.9	32.2	28.5	27.9	29	33.4	25.8	85	87	69	63	75	79	76.3	4.1
27	60.04	60.39	61.33	59.38	58.91	60.58	60.10	27.1	25.4	28.9	31.3	28.9	27.3	28.2	32.4	24.8	81	86	78	68	73	83	78.2	3.8
28	59.77	59.97	60.42	58.57	58.83	60.20	59.63	27	26.6	31.7	32.2	28.4	26.6	28.8	33.6	25.4	83	84	64	63	74	80	74.7	------
29	59.11	58.98	59.90	58.54	58.58	60	59.18	26.4	26.3	31.9	32.8	28.7	26.1	28.7	33.8	25.3	81	81	59	55	69	79	70.7	------
30	59.09	59.77	60.62	58.72	58.73	60.44	59.56	26	26.5	30.9	32.7	28.9	27.9	28.8	34.1	25.2	79	81	65	59	74	77	72.5	------
Mean	59.93	60.47	61.31	59.43	59.63	61.04	60.30	26.1	25.5	30.1	31.4	28.1	26.9	28	32.6	24.4	84.7	87.7	70.4	65.8	78.1	82	78.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	141

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	NNE	NE	E	NE	67.1	71	56.3	47.3	241.7	10	Ci.-S.	N. E	10	Ci.-S.	N. ENE
2	N	NE	NNE	NE	NE	NNE	43.1	50.1	54.2	67.3	214.7	1	------------	Cu.	2	A.-Cu. SE	Cu.
3	NE	NNE	N	NE	NE	NNE	74.5	66.5	52.9	63.4	257.3	3	Ci.	Cu. E	8	Ci.-S.	Cu.-N. NE
4	NE	NNE	NNE	E	NNE	NE	45.6	53.4	66	49.6	214.6	3	Ci.	Cu. ENE	2	------------	Cu. ENE
5	Calm	Calm	NE	E	Calm	NE	12.1	40.4	53.6	66.2	172.3	3	------------	Cu. E	9	Ci. S	Cu.-N. NE
6	NE	Calm	NNE	ENE	E	NE	50.5	46.4	46.5	35.2	178.6	4	------------	Cu.-N. ENE	6	Ci.-S.	Cu.-N.
7	Calm	Calm	Calm	ENE	E	E	14.2	19.6	43.3	47.2	124.3	4	Ci. NNE	Cu.	3	Ci. NE	Cu.
8	E	Calm	NE	ENE	NNE	NE	------	------	59.2	41.3	------	1	------------	Cu.	3	Ci.	Cu.
9	N	E	NE	ENE	NE	NE	35.1	------	------	------	------	3	------------	Cu.-N. ENE	2	------------	Cu. E
10	NE	NNE	NE	NE	N	N	------	------	87.2	83.5	------	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N.
11	NE	NNE	NE	NE	NE	NE	68.6	62.6	63.9	75.3	270.4	4	Ci.	Cu.-N. NE	5	A.-Cu. W	Cu.
12	NE	NE	NE	E	E	E	53.1	41.2	69.8	54.9	219	1	A.-Cu.	Cu.	1	------------	Cu.
13	E	Calm	NE	NE	ENE	E	42.3	36	55.2	39.1	172.6	2	------------	Cu. NE	2	------------	Cu.
14	Calm	Calm	ENE	ENE	E	NE	12.6	27.4	52.8	52.3	145.1	2	------------	Fr.-Cu. NE	2	Ci.	Cu.
15	NE	Calm	NE	ENE	ENE	NE	18.7	41.6	58.9	52.8	172	1	------------	Cu. NE	1	------------	Cu.
16	NE	Calm	NE	ENE	ENE	NNE	32	43.5	72.1	57.7	905.3	1	------------	Cu. ENE	2	Ci.	Cu.
17	NE	Calm	NNE	NE	NE	NE	24.7	32.5	53.1	48	158.3	3	------------	Cu. ENE	2	Ci.	Cu.
18	NE	NE	ENE	ENE	NNE	NE	48.1	63.1	73	59.8	244	1	------------	Cu. ENE	1	------------	Cu.
19	NE	NE	NE	E	NE	NE	57.1	66	66.2	57.6	246.9	5	------------	Cu.-N. ENE	4	------------	Cu.-N. E
20	NE	NE	NNE	NNE	NE	NE	28.7	43.7	67	57.6	197	1	------------	Cu. E	2	------------	Cu.
21	NE	NE	NNE	NNE	NE	NNE	71.1	77.9	83.1	79.5	311.6	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. NE
22	NE	E	NE	NE	NNE	NE	64.6	75.4	61.2	58.4	259.6	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	N. ENE
23	Calm	Calm	NE	ENE	ENE	NE	34	36.8	59.2	53.9	183.9	1	Ci.	Cu.	2	Ci.	Cu.
24	NE	ENE	ENE	E	E	ENE	45.4	62.8	77.5	55.7	241.4	2	Ci.	Cu. ENE	6	Ci.-S.	Cu.-N. NE
25	NE	ENE	NE	E	NE	NE	43.1	71.1	68.2	60.2	242.6	2	------------	Cu.	1	------------	Cu.
26	NE	ENE	ENE	ENE	ENE	ENE	38.9	52.5	83.2	67.9	242.5	3	------------	Cu. ENE	2	------------	Cu.
27	E	Calm	ENE	NNE	NNE	NNE	34.8	39.2	54.2	51.3	179.5	2	------------	Cu. ENE	2	------------	Cu.
28	NE	NE	NE	NE	NE	NE	45.1	61.7	74.5	47.3	228.6	1	------------	Cu.	1	------------	Cu.
29	NE	NE	ENE	ENE	ENE	NE	43.5	67.6	66.5	38.4	216	1	Ci.	Cu.	2	Ci.	Cu.
30	NE	NE	ENE	NE	NNE	NNE	42.1	51.5	68.2	67.9	229.7	1	Ci.	Cu. E	5	Ci.	Cu.
Mean	------	------	------	------	------	------	42.5	51.9	63.7	56.4	213.7	3	------------	------------	3.8	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.49	60.47	61.17	59.37	59.45	60.74	60.12	27.3	27.1	31.9	33.2	29.2	27.3	29.3	34.2	25.9	79	79	63	59	71	80	71.8	------
2	59.88	60.77	61.72	59.69	59.89	61.58	60.59	27.1	26.9	31.7	32.6	28.9	27.4	29.1	33.6	26.1	81	84	64	63	74	81	74.5	------
3	60.48	60.84	61.38	59.31	59.65	61.11	60.46	27	26.8	31.4	32.7	29.3	27.9	29.2	33.8	25.7	80	79	64	60	75	79	72.8	------
4	59.55	59.99	60.20	58.19	58.59	59.80	59.39	27.1	27	31.9	32.8	28.9	27.6	29.2	34	25	82	83	66	63	78	83	75.8	------
5	58.51	58.67	58.79	56.63	57.34	58.91	58.14	27	26.9	31.5	33.2	28.8	27.7	29.2	33.6	25.3	85	84	62	62	78	79	75	------
6	58.40	58.87	59.29	57.37	57.40	59.88	58.54	27	26.5	32.3	34	29.2	27.7	29.4	34.5	25.5	81	83	63	56	74	79	72.7	------
7	58.20	59.14	60.40	58.59	58.94	60.80	59.34	27.2	27.1	28.3	29.9	28.7	27.3	28.1	32.9	26.1	81	83	63	77	79	87	81.7	4.9
8	58.91	59.16	60.02	58.28	58.30	59.81	59.08	27.1	27.2	29.7	31.4	28.4	27.7	28.6	32.6	25.6	87	89	77	71	81	83	81.3	------
9	58.11	58.21	58.44	56.98	56.69	58.10	57.76	27	26.6	29.9	32.5	28.4	27.1	28.6	34.3	25.3	86	88	74	68	82	89	81.2	6.4
10	56.50	56.61	57.19	55.68	55.60	57.22	56.47	26.4	26.2	31.9	29.5	28.1	28	28.4	33.3	25.9	93	93	71	81	83	83	84	.5
11	56.42	57.46	57.84	56.82	56.81	58.70	57.34	27.7	26.9	31.4	32.4	28.9	27.6	29.2	33.6	26.2	81	83	66	63	78	82	75.5	------
12	57.92	58.67	59.43	58.07	57.88	59.85	58.64	27.1	26.9	31.9	32.6	29.2	27.4	29.2	33.6	26.5	84	85	63	62	71	80	74.2	2.3
13	58.70	59.22	59.93	58.61	58.74	60.55	59.29	26.5	25.8	31.7	32.4	29.7	27.7	29	33.3	24.1	83	87	65	63	71	81	75	------
14	58.99	59.55	60.12	58.53	58.89	60.68	59.46	27.5	27.4	30.7	33.4	29.2	27.7	29.3	33.7	26	81	81	66	61	74	82	74.2	.5
15	59.64	59.80	60.35	58.77	59.38	60.50	59.57	27.3	27.1	31.4	34.3	29.4	28.4	29.6	34.5	26	83	84	65	54	77	77	73.3	------
16	59.46	59.67	60.27	58.08	58.67	60.35	59.42	27.8	27.4	31.3	33.2	29.7	28.1	29.6	34.1	26.3	79	78	66	60	71	80	72.3	------
17	59.51	59.72	59.97	58.18	59.40	60.55	59.56	26.6	24.6	32	33.6	29.9	28.2	29.2	34.3	24	85	94	63	58	75	82	76.2	.8
18	59.84	60.04	60.17	58.35	58.65	60.50	59.59	26.5	24.9	31.8	33.4	29.4	28.5	29.1	34.1	24	82	92	64	58	76	80	75.3	1
19	58.98	59.87	60.17	57.48	57.85	59.91	59.04	26.9	24.4	31.2	33.2	29.3	27.9	28.8	34.1	23.5	83	95	67	61	75	82	77.2	------
20	58.12	59.12	59.62	57.71	57.87	60.03	58.74	26.9	24.7	31.7	33.9	29.4	26.6	28.9	34.2	23.9	83	93	64	58	71	83	75.3	------
21	59.10	59.37	60.22	58.62	59.04	61.44	59.63	25	24	31.7	33.6	29.4	28.4	28.7	35.1	23	92	96	62	59	75	80	77.3	------
22	60.35	61.22	61.44	59.38	60.14	61.58	60.68	26.8	24.6	31.9	33.9	31.2	25.9	29	34.8	23.6	83	94	62	54	64	85	73.7	------
23	60.32	60.39	60.74	58.69	58.30	60.05	59.75	24.9	24.4	31.5	32.6	29.9	27.8	28.5	33.6	23.7	91	94	65	62	67	78	76.2	------
24	59.09	59.25	59.24	57.66	58.15	58.95	58.72	25	23.2	31.2	33	29.1	28	28.2	34.6	22.1	83	93	66	60	74	81	76.2	------
25	58.01	57.47	58.75	57.32	57.69	58.86	58.02	25.7	23.4	31.9	32.1	29.2	28.4	28.4	34.6	22.8	82	96	65	66	72	73	75.7	------
26	58.07	57.97	58.63	56.69	56.86	58.26	57.75	26.3	24.7	29.4	31.4	27.9	26.1	27.6	32.5	23.5	82	92	71	68	85	91	81.5	3
27	56.41	56.24	56.52	54.70	55.09	56.38	55.89	27.9	28	31.4	33.2	29.4	28.3	29.7	33.6	25	79	81	68	60	76	80	74	2.5
28	55.27	55.38	55.74	53.61	54.42	56.19	55.10	26.3	24.4	32	32.4	30.2	26.6	28.6	34.4	23.5	85	94	62	62	73	88	77.3	------
29	55.09	55.27	55.47	53.68	54.51	56.19	55.04	25.9	24.4	31.6	34.4	25.2	24.9	27.7	34.9	23.3	85	94	66	58	88	87	79.7	23.6
30	55.72	55.82	55.65	54.16	53.85	54.98	55.03	24.6	24.2	30.8	27.2	27.3	26.6	26.8	31.9	23	87	96	66	87	89	92	86.2	20.4
31	54.01	54.02	54.46	53.38	53.57	54.77	54.04	26.4	26.3	27.4	27.9	27.5	27.1	27.1	28.8	24.8	90	91	84	85	78	81	84.8	1.8
Mean	58.29	58.65	59.14	57.37	57.63	59.27	58.39	26.6	25.8	31.2	32.4	29	27.5	28.8	33.7	24.7	83.8	88.3	66.9	63.8	76	82.2	76.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	67.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	Calm	E	NNE	NE	49.9	52.8	79.1	60.2	242	3	Ci.	Cu. ENE	4	Ci.	Cu.
2	NE	Calm	NNE	NE	E	NE	44.1	39.9	68.9	56.8	209.7	3	------------	Cu.-N. ENE	1	------------	Cu.
3	N	NNE	NE	E	E	NE	46.7	59	75.3	58.2	239.2	5	A.-Cu. ESE	Cu. ENE	1	------------	Cu.
4	N	N	NNE	ENE	ENE	NE	-----	-----	81.3	58.5	------	1	------------	Cu.	2	Ci.	Cu.
5	NE	Calm	NNE	NNE	ENE	NE	50.2	53.9	67.1	54.5	225.7	1	------------	Cu. ENE	5	Ci.	Cu.
6	NE	Calm	ENE	E	ENE	NE	41.2	50.1	68.1	61.8	221.2	2	Ci.	Cu. ENE	2	------------	Cu.
7	NE	NE	NNE	NNE	NNE	NE	52.3	62.3	61.8	-----	------	2	Ci.	Cu.	6	------------	Cu.-N. ENE
8	NE	NE	NE	NE	NNE	NNE	-----	-----	-----	36.2	------	3	A.-Cu.	Cu. ENE	7	Ci.-S.	Cu.-N.
9	N	Calm	N	NE	NNE	NE	34	43.7	60.2	58.4	196.3	4	------------	Cu-N. E	5	Ci.-S.	Cu.-N. E
10	E	Calm	NE	ENE	E	E	38	28.2	78.7	68.2	213.1	2	Ci.	Cu.	10	Ci.-S.	Fr.-N. E
11	E	E	NNE	ENE	ENE	E	51.2	49.7	64.4	52.3	217.6	5	Ci.	Cu. ENE	6	Ci. SW	Cu.
12	NE	E	ENE	E	NE	NE	43.5	45.7	70.5	54.5	214.2	4	Ci.	Cu. ENE	3	------------	Cu. ENE
13	NE	NE	ENE	NNE	ENE	NE	44.1	46.4	63.9	55.3	209.7	2	A.-Cu. NE	Cu. ENE	2	Ci. SW	Cu.
14	NE	NE	Calm	ENE	ENE	NE	56.1	43	56.9	49.7	205.7	6	Ci.	Cu. ENE	4	Ci. NNW	Cu.-N.
15	NE	Calm	NNE	ENE	ENE	NE	28.7	46.9	59.3	58.2	193.1	3	Ci. W	Cu. E	4	Ci. SW	Cu.-N.
16	E	E	NE	E	ENE	E	31.9	48.8	56.5	47.7	184.9	0	------------	------------	1	------------	Cu.
17	E	Calm	E	E	E	E	16.7	35.1	63.3	53.4	168.5	2	Ci.	Cu. NE	1	------------	Cu.
18	N	Calm	NNE	ENE	ENE	NNE	43.3	32.8	50.4	47.7	174.2	1	Ci.	Cu.	2	------------	Cu.-N.
19	NE	Calm	NNE	ENE	E	E	25.4	31.9	63	39.2	159.5	0	------------	------------	2	Ci.	Cu.-N.
20	Calm	Calm	ENE	E	E	Calm	15.9	34.3	51.5	18.5	120.2	0	------------	------------	2	A.-Cu. SE	Cu.-N.
21	Calm	Calm	E	ENE	ENE	Calm	8	30.8	65.5	35.6	139.9	0	------------	------------	1	A.-Cu. SE	Cu.-N.
22	Calm	Calm	E	ENE	E	Calm	8.2	41.6	61.8	12.3	123.9	3	Ci.	Cu.	1	Ci.	Cu.
23	Calm	Calm	ENE	ENE	ENE	Calm	5	37.3	56.1	29.3	127.7	2	------------	Cu. E	1	------------	Cu.
24	Calm	Calm	ENE	E	N	NE	9.7	37.8	61.2	39.1	147.8	4	Ci. E	Cu.	8	Ci.-S.	Cu.
25	Calm	Calm	NNE	NNE	NNE	Calm	18.5	53.3	93.6	38.1	203.5	5	Ci. NE	Cu.	7	Ci.-S.	Cu. NE
26	Calm	NW	N	NNE	NNE	Calm	21.9	47.3	75.9	44.1	189.2	8	Ci.-S. NE	N.	8	Ci.-S.	Cu.-N. NNE
27	N	NNE	N	NNE	N	NNE	70.5	83.4	98.2	48.3	300.4	6	Ci.-S.	Cu. NNE	8	Ci.-S. ESE	Fr.-Cu. NNE
28	Calm	WSW	NNE	NNE	NNE	Calm	21.1	39.9	57.1	11	129.1	3	Ci.	Cu.	4	Ci.	Cu.-N. NNE
29	Calm	Calm	Calm	NE	WNW	Calm	18	18.8	50.9	24.7	112.4	4	Ci. NNW	Cu.	4	Ci.-S.	Cu.-N. NNE
30	Calm	Calm	SW	Calm	Calm	W	17.9	13.5	27.6	37.8	96.8	2	Ci.-S.	Cu.	9	Ci.-S.	N. NNW
31	W	SW	SW	SW	SW	SW	78.7	96.4	143.5	138.6	457.2	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Fr.-N. WSW
Mean	------	------	------	------	------	------	34.2	45	67.7	48.3	193.7	3.1	------------	------------	4.2	------------	------------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.77	54.82	55.94	55.24	55.56	57.42	55.46	27	27.4	29.7	28.9	27.7	26.2	27.8	31.1	25.4	80	81	70	74	79	89	78.8	1
2	56.57	57.43	58.15	56.26	56.51	58.76	57.28	26	26.1	27.8	28.4	27.4	24.8	26.8	29.3	23.9	89	90	79	80	80	92	85	21.9
3	57.57	58.64	58.96	56.84	58.31	59.32	58.27	24	23.9	27.2	30.2	23.7	23.9	25.5	31.2	23	97	97	84	68	91	95	88.7	15.2
4	57.89	58.43	58.79	56.76	57.05	59.47	58.06	24.4	24.4	29.9	32.2	29.4	24.9	27.5	33.7	23.6	94	95	72	68	76	84	81.5	------
5	58.44	59.08	59.65	57.98	58.68	60.78	59.10	24.5	25.2	30.7	33.9	29.9	27.1	28.6	35.1	23.7	87	92	71	59	78	90	79.5	------
6	60.55	61.69	60.65	58.69	59.34	61.38	60.38	25.1	24.6	30.6	32.6	29.3	27.9	28.4	34.5	23.9	92	94	74	69	77	85	81.8	------
7	59.89	60.07	60.43	58.43	58.56	60.40	59.63	27.2	26.9	31.4	33.3	29	27.4	29.2	34.4	25.5	89	90	70	62	81	86	79.7	------
8	58.87	59.36	59.67	58.24	57.88	59.50	58.92	27.2	27.1	31.9	33.2	29.4	27.9	29.4	33.7	26.2	86	86	69	66	78	84	78.2	------
9	58.72	58.99	59.33	58.08	57.76	59.88	58.79	27.6	27.3	31.5	33	29.3	27.3	29.3	34.4	26.1	84	86	64	58	74	84	75	------
10	58.88	59.05	59.93	58.58	58.85	60.45	59.29	26.8	27.4	32.1	32.9	29.7	28.3	29.5	34	25.6	85	86	66	67	75	82	76.8	3
11	59.65	59.85	59.52	58.38	58.09	59.71	59.20	27.4	27.1	31.2	32.9	29	27.8	29.2	33.6	26.4	87	88	72	66	78	83	79	6.4
12	58.91	59.41	59.23	57.69	57.60	59.16	58.67	26.9	25.6	31.1	32.7	29.7	28	29	33.2	25	86	94	71	65	74	80	78.3	.5
13	58.39	58.62	59.17	57.33	57.44	59.36	58.38	27	26.9	31.6	33.7	29.7	27.8	29.4	34.2	26.2	86	86	68	62	75	83	76.7	2.8
14	58.71	59.40	59.70	57.86	58.35	59.95	59	27.2	26.2	31.1	33.1	29.9	28.3	29.3	33.8	25.4	86	93	71	64	76	82	78.7	------
15	58.42	58.93	58.73	57.44	57.43	58.44	58.23	27.2	26.9	30.9	30.4	29.2	27.8	28.7	33.4	26.2	84	80	69	68	75	83	76.5	1.8
16	57.95	58.28	58.17	56.08	56.63	58.24	57.56	26.8	26.1	31.2	32.9	29.2	26	28.7	33.6	24.9	87	88	69	64	77	89	79	9.2
17	57.26	57.76	57.45	56.28	56.39	57.80	57.16	26.3	25	30.4	32.4	28.1	26.5	28.1	33.6	24.1	88	92	74	66	81	84	80.8	7.2
18	55.41	55.26	54.50	51.99	48.05	32.61	49.64	27.2	26.6	27.9	26.2	25.4	24.3	26.3	28.8	23.4	81	84	81	87	92	97	87	173.5
19	49.71	53.20	55.81	55.38	55.87	58.08	54.68	24.1	25.3	26.4	26.7	25.9	24.7	25.5	27.3	23.2	97	94	90	89	90	93	92.2	5.6
20	57.28	57.62	57.92	56.65	57.61	59.47	57.76	24.6	25	29.3	30.9	25.7	25.4	26.8	31.2	23.6	93	95	78	69	92	93	86.7	2.8
21	58.71	58.69	59.25	58.11	58.83	59.98	58.93	24.8	24.7	31.1	33.6	28.3	26.6	28.2	33.8	23.5	96	96	66	57	86	92	82.2	------
22	58.86	59.35	59.68	58.05	58.84	59.61	59.06	25.5	25.1	30.3	31	28.6	27.1	27.9	34.1	24.4	94	95	71	72	80	84	82.7	------
23	59.12	58.74	59.37	57.97	57.66	58.96	58.64	25.2	25.1	31.5	33.1	29.9	28.1	28.8	34.2	24.1	92	91	65	64	78	83	78.8	8.4
24	58.22	58.29	59	57.22	56.63	58.02	57.90	25.1	24.7	30.7	32.6	28.9	27.6	28.3	33.1	23.6	98	97	73	66	80	82	82.7	------
25	57.41	57.58	58.79	56.35	56.76	58.12	57.50	26	24	27.9	27.3	27	25.3	26.2	28.7	23.4	85	95	83	84	80	91	86.3	2.8
26	57.31	57.52	57.21	56.27	56.36	57.48	57.02	24.4	24.5	29.6	31.1	26.9	25.4	27	31.6	23.3	94	94	76	76	90	96	87.7	------
27	56.22	55.83	56.31	54.71	54.36	55.71	55.52	24.8	25.3	28.4	30.6	27.6	26.9	27.3	31	23.4	94	93	84	74	86	86	86.2	------
28	54.73	54.67	55.19	53.81	54.31	55.53	54.71	25.9	26.1	29.4	30.5	26.9	26.4	27.5	30.9	25.4	93	94	78	73	88	91	86.2	1.3
29	54.73	55.24	55.52	53.96	54.77	56.67	55.15	26.1	26.2	29.7	30.2	27.2	25.9	27.6	31.1	25.1	90	90	70	73	86	92	83.5	4.3
30	55.83	55.77	55.78	54.75	54.91	57.04	55.68	25.7	25.5	29.4	30.6	27.3	25.4	27.3	32.2	24.5	91	91	71	69	84	92	83	4.1
Mean	57.47	57.92	58.26	56.71	56.85	57.91	57.52	25.9	25.7	30.1	31.4	28.2	26.6	28	32.5	24.5	89.5	90.9	73.3	69.3	81.2	87.6	82	------
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	271.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SSW	SSW	SSW	SSW	Calm	102.7	96	102.2	13.2	314.1	10	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	Cu.-N. SW
2	Calm	Calm	Calm	Calm	Calm	Calm	1	4.8	16.7	16.7	39.2	10	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	Cu.-N.
3	Calm	SW	SSW	Calm	W	Calm	23.6	30	50.5	29.5	133.6	10	Ci.-S.	N. S	10	Ci.-S.	Cu.-N. SSW
4	Calm	Calm	SW	E	SSE	W	21.5	47.7	51.5	42.1	162.8	10	Ci.-S.	N.	3	------------	Cu. SSW
5	Calm	W	SSW	SSW	Calm	Calm	33	48.1	48	18	147.1	8	Ci.-S. NW	Cu.	5	Ci.-S. SE	Cu. SSW
6	Calm	Calm	E	E	ENE	Calm	24.7	40.2	51.8	40.5	157.2	5	Ci.	Cu.	2	Ci. N	Cu.
7	NE	NE	NE	NNE	E	Calm	27.2	48.6	66.2	29.6	171.6	3	Ci.	Cu. ENE	1	Ci.	Cu.
8	Calm	NE	NNE	NE	ENE	Calm	39.2	55.2	67.1	-----	------	3	Ci.	Cu. ENE	2	Ci. E	Cu.
9	NE	NE	ENE	ENE	ENE	NE	-----	54.7	65.5	38.8	------	2	------------	Cu. ENE	2	Ci.	Cu.
10	Calm	NE	NNE	NE	ENE	NE	22.8	55.3	62.6	50.7	191.4	3	Ci.	Cu. ENE	3	Ci. SW	Cu.
11	NE	NNE	NNE	ENE	ENE	NE	40.8	53.4	63	48	205.2	2	------------	Cu.-N. NE	2	------------	Cu.-N.
12	NE	Calm	NNE	NNE	NE	NE	30.9	38.4	63.3	-----	------	3	------------	Cu.-N. ENE	1	------------	Cu.
13	NE	Calm	NNE	ENE	ENE	NE	-----	53.1	64.1	43.8	------	1	------------	Cu.	1	------------	Cu.
14	NE	Calm	N	E	E	NE	30.4	40.7	65	62.3	198.4	3	Ci.	Cu.-N. E	2	Ci. NW	Cu.
15	NE	Calm	Calm	NNE	NNE	NE	50.1	46.7	50.9	48.6	196.3	3	Ci.	Cu. ENE	4	------------	Cu.-N. NE
16	NE	NNE	NNE	ENE	ENE	ENE	34.9	54.9	69.2	47.5	206.5	7	Ci.-S.	Fr.-N. ENE	2	Ci.	Cu. NE
17	NE	Calm	N	N	N	NE	33	63.4	70.3	59.2	225.9	3	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. ENE
18	N	N	N	N	NNE	SE	72.4	105.4	171.6	314.9	664.3	9	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
19	SSW	SSW	SSW	SSW	SSW	SW	176.8	115.4	94.8	37.2	424.2	10	Ci.-S.	N. SSW	10	Ci.-S.	Cu.-N. SSW
20	SSW	Calm	SSW	S	Calm	Calm	27.6	53.1	57.9	29	167.6	5	Ci.-S.	Cu. S	8	Ci.-S.	Cu.-N. SSW
21	SSW	S	SSW	SSW	Calm	Calm	29.5	49.9	60.2	10.2	149.8	3	Ci.	Cu. SW	3	------------	Cu. SW
22	Calm	Calm	ESE	E	E	Calm	12.9	26.6	67.3	42.3	149.1	4	A.-Cu. ENE	Cu.	5	Ci.-S. NW	Cu.-N.
23	Calm	Calm	E	E	ESE	E	18.2	36.2	83.1	45.6	183.1	3	Ci. E	Cu.	2	Ci.	Cu.
24	Calm	Calm	SSE	SE	SE	NE	10.8	42.3	74.6	41.5	169.2	6	Ci.-S.	Cu. E	6	Ci.-S. SE	Cu.-N. NE
25	Calm	Calm	NNE	E	ENE	Calm	15.6	33.8	79.2	27.6	156.2	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. ENE
26	Calm	W	Calm	ENE	E	Calm	21.2	27.7	45.4	21.7	116	9	Ci.-S. NE	N.	10	Ci.-S.	Cu.-N. NNE
27	Calm	W	Calm	NW	N	WNW	28.2	28.2	87.9	78.9	223.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NNW
28	W	SW	SW	WSW	WSW	SW	55	89.3	107.8	75.1	327.2	7	Ci.-S.	Cu.-N. WSW	8	Ci.-S.	Cu.-N. WSW
29	WSW	WSW	WSW	WSW	W	WSW	73	109.9	125.7	69.5	378.1	7	Ci.	Fr.-N. WSW	8	Ci.-S.	Cu.-N. SW
30	W	WSW	W	W	Calm	WSW	74	99	87.4	65	325.4	8	Ci.-S.	Cu. WSW	8	------------	Cu.-N. WSW
Mean	------	------	------	------	------	------	40.4	54.9	72.4	51.7	222.4	5.8	------------	------------	5.5	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.83	55.97	56.82	55.40	56.10	57.96	56.35	25.1	25	29.8	31.4	26.4	26.1	27.3	33	24.4	92	92	71	66	92	91	84	4.1
2	57.36	57.02	57.68	56.23	56.72	58.32	57.22	25.3	25.2	30.6	31	27.4	25.6	27.5	32.9	24.1	93	92	70	70	86	93	84	5.6
3	56.82	57.21	56.68	55.61	55.81	56.93	56.51	25.9	25.5	30.9	27.2	26.4	26.2	27	32.1	24.7	93	94	69	88	92	92	88	29.4
4	55.56	55.21	55.60	54.27	54.16	55.61	55.07	25.7	26	30.9	32.9	28.9	26.7	28.5	33.2	24.7	87	87	65	58	74	86	76.2	2
5	54.66	54.44	55.38	54.17	54.63	55.34	54.77	25.5	25.1	26.4	26.1	26.4	26.5	26	27.4	24.5	93	96	87	86	88	85	89.2	11.3
6	54.43	53.82	54.62	52.90	53.16	54.92	53.98	26.4	26.5	28.6	30.6	26.7	27.2	27.7	31.2	25.4	83	83	80	69	85	85	80.8	8.7
7	54.68	55.01	55.33	53.94	53.90	55.80	54.78	24.3	25.3	27.1	27.7	28.2	27	26.6	30.6	23.4	95	93	90	82	75	80	85.8	5.2
8	55.95	55.38	55.76	54.77	55.84	57.41	55.85	23.4	24.9	29.8	31.4	28.4	26.1	27.3	32	22.6	95	93	75	67	80	91	83.5	.3
9	56.38	56.29	56.10	55.02	55.80	57.10	56.12	25.7	25.9	31.3	32.7	28.9	27.2	28.6	33.2	25.1	87	87	64	58	76	86	76.3	------
10	55.93	55.50	56.53	55.51	55.72	56.01	55.87	26.4	26.3	30	30.1	28.5	27.6	28.2	30.6	25.9	90	91	67	72	77	82	79.8	------
11	55.50	56.02	56.34	55.74	55.13	55.89	55.77	27.6	27.9	30.3	30.4	28.7	27.9	28.8	31.4	27	84	84	71	72	79	82	78.7	------
12	55.70	56.14	56.84	55.88	56.38	57.49	56.40	27.4	27.5	31.4	31.6	28.7	27.9	29.1	32.2	26.7	84	84	64	65	76	80	75.5	------
13	56.61	56.70	57.46	56.36	56.89	57.73	56.96	26.7	27.1	30.4	31.8	29.7	26.7	28.7	33.1	26.1	86	87	69	64	71	86	77.2	------
14	57.48	58.12	58.49	56.72	57.28	58.56	57.78	26.2	26.4	29.5	32.9	29.1	26.9	28.5	33.6	25.2	85	86	76	61	74	85	77.8	3.3
15	57.87	57.98	57.87	56.48	57.09	58.08	57.56	26	26.1	31.4	33.2	28.5	26	28.5	34	25.1	90	90	66	61	77	83	77.8	------
16	56.81	56.99	56.61	55.90	56.06	56.97	56.56	25.8	26.1	30.9	26.7	24.9	24.5	26.5	33.7	23.9	83	84	67	80	92	91	82.8	43.5
17	55.85	56.34	57.22	55.52	55.90	57.61	56.41	23.6	23.9	25.4	29.6	25.7	24.9	25.5	29.6	23	97	96	89	75	89	93	89.8	5.1
18	56.44	56.77	57.38	55.85	55.73	57.72	56.65	24.3	24.8	26.9	30.2	28.4	26	26.8	33	23.6	92	92	88	69	77	87	84.2	2
19	56.76	56.92	57.30	55.52	56.65	57.51	56.78	25	24.4	30.5	33.5	25.7	25.5	27.4	34.3	23.5	90	93	72	62	87	87	81.8	3.3
20	56.67	57.07	57.45	56.59	56.23	57.97	57	24.6	23.9	30.7	28.4	29.7	25.6	27.2	33.1	23.2	93	96	70	80	75	92	84.3	------
21	57.33	57.50	57.61	56.20	56.56	57.98	57.20	24.8	23.9	30.1	27.7	25.7	25.1	26.2	32.2	23.3	92	96	68	87	92	95	88.3	27.9
22	56.93	56.50	55.96	54.51	55.36	56.60	55.98	24.6	24.4	30.1	31.3	27.4	25.9	27.3	33.1	23.9	96	95	71	66	83	88	83.2	4.3
23	55.48	55.13	54.82	53.50	54.04	55.27	54.71	25.3	25.2	28.9	29.4	28.4	26.7	27.3	31	24.4	91	92	77	76	77	86	83.2	34.1
24	54.78	55.47	54.91	54.66	55.35	56.27	55.24	25.8	25	29.3	29.9	26.3	26.6	27.2	31.2	23.7	90	93	70	73	84	80	81.7	1.6
25	56.08	55.72	56.52	55.43	55.24	57.22	56.04	26	25.4	28.8	31.6	27.9	25.9	27.6	32.4	24.1	84	91	75	60	77	89	79.3	------
26	56.09	56.04	56.53	55.73	56.31	57.20	56.32	25.1	25.5	30.1	31.5	28.4	26.6	27.9	32.8	24.4	89	88	66	60	76	86	77.5	------
27	56.71	57.15	57.48	56.78	57.43	58.82	57.40	26.2	25.9	29.9	30.4	28.2	26.7	27.9	31.1	25.2	88	94	69	68	79	86	80.7	------
28	58.01	58.41	58.73	57.72	58.37	59.35	58.43	25.8	25.5	30.4	33.7	30.2	26.4	28.7	34.2	24.9	91	96	74	58	66	86	78.5	------
29	58.78	59.12	59.30	57.99	58.74	60.09	59	25.5	25.3	31.4	31.9	28.9	25.4	28.1	34.1	23.7	89	89	66	67	80	92	80.5	------
30	59.06	59.40	59.55	57.33	57.93	59.50	58.80	24.4	23.4	30.7	33.4	29.9	26.1	28	34.8	22.9	94	96	72	61	73	91	81.2	------
31	58.71	59.76	59.80	57.71	57.78	59.53	58.88	25.1	24	31.4	33.3	29.9	26.9	28.4	34.3	23.2	93	96	66	58	72	86	78.5	------
Mean	56.49	56.62	56.92	55.68	56.07	57.38	56.53	25.5	25.4	29.8	30.8	28	26.3	27.6	32.4	24.4	90	91.2	72.4	69	80	87.2	81.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	191.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	Calm	W	SSW	SSW	SW	41.8	49.1	58.1	35.2	184.2	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SSW
2	SW	Calm	SSW	SW	Calm	Calm	39.6	52.8	49.6	16.3	158.3	9	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu.-N. W
3	W	W	W	W	W	W	44.9	34.8	38.4	34.9	153	4	Ci.	Cu. W	10	Ci.-S.	Fr.-N. NW
4	WNW	WNW	W	W	W	W	92.5	118.8	134.7	91.4	437.4	8	Ci.-S. E	Cu.	4	Ci. NE	Cu. W
5	W	W	W	WSW	W	W	47.8	81.3	123.3	115.7	368.1	10	Ci.-S.	N. W	10	Ci.-S.	Fr.-N. W
6	W	WSW	WSW	WSW	SW	SW	110	126.6	130.2	77.7	444.5	9	Ci.-S.	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
7	SW	SW	SW	SW	SW	S	103.2	95	114.1	85.6	397.9	10	Ci.-S.	Fr.-N.	9	Ci.-S.	N. SW
8	Calm	SW	SW	SW	SW	Calm	48.3	107.8	131.8	21.5	309.4	10	Ci.-S.	Cu. SW	4	Ci.	Cu. WSW
9	SW	SW	SW	SW	WSW	WSW	62.5	119.7	140.6	85.1	407.9	3	Ci.	Cu.	5	Ci. E	Cu. W
10	SW	W	W	SW	WSW	W	137.1	119.4	137.3	100.3	494.1	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. WSW
11	SW	SW	SW	SSW	SW	SW	122.6	138.6	150.8	131.7	543.7	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
12	SW	SW	SW	SW	SW	SW	107.2	149.1	164.1	104	524.4	9	Ci.-S.	Cu. WSW	9	Ci.-S.	Cu. WSW
13	SW	SW	SW	WSW	SW	SW	96	123.6	123.1	51	393.7	8	Ci.-S.	Fr.-Cu. WSW	8	Ci.-S.	Cu.-N. WSW
14	SW	SW	SW	SW	WSW	SW	55	82.4	113.5	54.4	305.3	6	Ci.	Fr.-Cu. WSW	3	Ci.	Cu. WSW
15	W	SW	WSW	WSW	W	W	55.2	100.3	------	------	-------	1	Ci.	Cu.	5	Ci.-S.	Cu.-N. WSW
16	W	WSW	W	Calm	W	Calm	------	113.7	57.6	25.9	-------	2	Ci.	Cu.	9	Ci.-S.	N.
17	Calm	Calm	WSW	WSW	WSW	SW	23.9	59	62	33.6	178.5	2	Ci.	Cu. WSW	8	Ci.-S.	Cu.-N. SW
18	W	Calm	Calm	SW	WSW	Calm	26.8	38.1	67	13.2	145.1	3	------------	Fr.-Cu. WSW	3	------------	Cu. WSW
19	Calm	SW	NE	ENE	SW	Calm	15.3	29.2	46.7	11.9	103.1	1	------------	Cu. SW	4	Ci.	Cu. W
20	Calm	Calm	NE	W	Calm	Calm	5.8	30.3	------	------	-------	4	Ci. ENE	Cu.	8	Ci.-S.	Cu.-N. NNW
21	Calm	Calm	SSW	W	Calm	Calm	------	------	40.5	11	-------	3	Ci.	Cu.	9	Ci.-S.	Cu.-N. SW
22	Calm	SW	Calm	WSW	SW	SW	20.9	39.2	68.2	35.9	164.2	0	------------	------------	7	------------	Cu.-N. WSW
23	SW	Calm	SW	WSW	WSW	Calm	38.8	56.1	99.6	45.4	239.9	3	------------	Cu. W	9	Ci.-S.	Cu.-N. SW
24	W	SW	SW	SW	SW	SW	------	------	113.8	87.4	-------	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N. SW
25	SW	SW	SSW	SW	SW	SW	56	106.8	136.8	37.8	337.4	8	Ci.-S.	Cu.-N. SW	4	Ci.	Cu. SW
26	SW	SW	SW	SW	SW	W	30.9	103	109.1	58.2	301.2	4	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.
27	SW	Calm	WSW	SW	WSW	W	38.6	75.9	79.7	34.3	228.5	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu.-N. SW
28	SW	WSW	SW	WSW	SSW	SW	36.7	63.4	75.9	30.1	206.1	10	Ci.-S.	Cu. SW	4	Ci.	Cu. SW
29	Calm	SW	SW	ESE	Calm	Calm	32	46.5	44.5	8.6	131.6	1	Ci.	Cu.	6	Ci.-S.	Cu.-N. SSW
30	Calm	Calm	ENE	ENE	E	Calm	16.6	31.7	58.2	12.1	118.6	3	Ci.	Cu.	3	Ci. NNE	Cu. SE
31	Calm	Calm	ENE	NE	Calm	Calm	6.4	31.9	------	18.7	-------	1	Ci.	Cu.	1	------------	Cu. E
Mean	------	------	------	------	------	------	54	80.1	95.3	50.7	291	5.8	------------	------------	6.8	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.81	59.17	59.55	57.97	58.42	59.78	58.95	25.2	24.4	30.8	33.7	30.1	27.2	28.6	34.4	23.6	92	95	67	62	72	86	79	------
2	58.81	59.17	58.88	57.21	57.24	58.60	58.32	24.9	23	31.9	34.4	29.7	27.4	28.6	34.9	22.7	92	95	63	54	72	81	76.2	0.3
3	57.36	57.78	57.85	56.01	57.06	58.33	57.40	25.5	23.9	30.1	33.7	27.1	25.6	27.6	34.7	23.3	89	94	70	54	83	91	80.2	------
4	57.19	57.18	57.79	56.18	57.37	58.71	57.40	24	23.4	30.9	33.7	26.4	25.5	27.3	34.3	22.6	92	95	62	55	82	87	78.8	.8
5	57.54	57.50	58.09	56.53	57.72	58.74	57.69	24.9	23.9	31.4	28.4	25.2	24.5	26.4	33.4	23.2	91	96	63	81	94	96	86.8	6.1
6	57.77	57.98	58.55	56.69	57.01	58.47	57.74	23.5	23.2	29.6	30.6	25.9	24.9	26.3	31.2	22.5	97	97	73	72	92	96	87.8	24.1
7	57.64	58.19	58.31	56.88	57	57.75	57.63	24.7	24.4	27.7	29.9	29.4	26.3	27.1	33.6	23.8	96	97	82	68	70	87	83.3	2
8	57.32	57.47	57.71	56.51	56.66	58.23	57.32	25.2	24.2	29.9	30	26.3	25.5	26.8	31.5	23.5	92	95	70	71	87	91	84.3	.3
9	57.49	57.57	57.90	56.90	56.51	57.65	57.34	24.8	24.6	29	26.4	27.5	26.5	26.5	31.5	23.7	92	92	75	90	84	85	86.3	7.6
10	56.44	56.33	56.59	55.32	55.11	56.11	55.98	25.9	25.4	28.4	25.2	25.4	25.1	25.9	29	23.6	85	88	81	92	91	91	88	8.4
11	55.03	53.88	53.75	53.15	52.58	54.58	53.83	25.2	25.6	29.4	29.4	27.7	26.7	27.3	30.7	23.9	91	90	72	70	78	83	80.7	.3
12	53.30	53.13	53.80	52.85	53.30	54.64	53.50	26.4	26.6	28.9	28.4	26.9	25.7	27.2	30.2	25.1	79	80	76	76	84	89	80.7	13.9
13	54.41	54.67	55.10	53.86	54.60	56.93	54.93	25.8	25.9	27.3	28.9	26.8	25.8	26.8	29.5	24.6	89	88	81	74	85	92	84.8	6.6
14	56.56	56.39	56.72	56.06	56.65	58.05	56.74	25.4	25	28.1	29.7	27.8	25.6	26.9	30.6	24.3	91	92	75	69	80	92	83.2	------
15	57.44	57.54	57.69	56.23	56.66	58.35	57.32	25.3	25.1	31.4	32.9	28.8	26.1	28.3	33.3	24.1	91	92	66	58	75	85	77.8	------
16	57.57	57.49	57.58	55.79	56.43	57.89	57.12	25.7	25.1	31.4	33.2	28.9	26.6	28.5	34.4	24.7	87	91	65	56	78	90	77.8	------
17	57.41	57.62	57.73	56.33	56.91	58.57	57.43	24.9	24.4	31.1	32.8	28.2	25.6	27.8	33.8	23.7	93	93	65	61	80	91	80.5	------
18	57.47	57.73	57.94	56.51	56.64	58.12	57.40	24.4	23.5	31.4	28.4	27.9	25.6	26.9	34.1	22.8	91	96	66	77	80	91	83.5	------
19	56.94	56.77	57.20	55.74	56.07	57.97	56.78	25	24.9	31.4	28.3	27.9	26.2	27.3	34	24.2	91	89	66	83	79	89	82.8	7.1
20	56.69	56.74	56.85	55.09	54.80	56.41	56.10	25.8	25.6	30.4	31.9	28.9	26.6	28.2	32.4	25.2	91	92	70	63	75	85	79.3	------
21	55.62	55.50	55.66	53.85	54.14	56.02	55.13	25.9	26.4	30	30.4	28.4	27.4	28.1	31.1	25.5	88	91	72	71	77	83	80.3	.8
22	55.17	55.57	56.59	55.63	55.69	57.47	56.02	27.2	26.9	29.1	31	28.4	27.1	28.3	31.3	26.2	84	88	76	69	80	84	80.2	.3
23	57.37	57.92	58.01	57.23	57.26	58.76	57.76	26.2	26.4	30.4	31.1	28.4	26.4	28.2	32.7	25.6	88	88	67	64	77	86	78.3	------
24	58.50	58.67	58.46	57.03	57.58	58.94	58.20	25.9	26.2	30.6	31.9	28.6	26.7	28.3	32.6	25.2	87	92	65	61	76	82	77.2	------
25	57.40	57.34	57.56	56.31	55.81	56.97	56.90	25.7	25.4	30.2	29.8	28	27.4	27.8	31.1	24.7	87	88	66	71	79	81	78.7	------
26	55.90	55.77	55.88	54.43	54.54	55.90	55.40	26.8	26.9	30.9	30.3	28.6	27.6	28.5	32.6	26.2	85	86	67	68	74	79	76.5	------
27	54.52	55.26	55.03	54.09	54.56	56.27	54.96	26.6	26.4	30.9	32.2	28.8	28.1	28.8	33.4	25.9	84	82	64	58	71	73	72	------
28	55.55	56.32	56.60	55.68	55.90	57.51	56.26	26.8	26.9	30.7	31.7	28.9	26.9	28.6	32.8	26.3	80	84	67	62	73	84	75	------
29	57.40	57.69	57.80	56.91	56.85	58.65	57.55	27	25.9	30.1	32	28.9	26.8	28.4	32.2	25.3	83	88	71	61	73	84	76.7	------
30	57.51	57.39	58.70	56.33	56.28	57.80	57.34	25.9	25.8	30.6	31.5	28.7	27.6	28.4	32.5	25.1	88	88	68	64	76	76	76.7	------
31	56.02	55.82	56.49	55.29	55.67	56.35	55.94	27.1	26.9	30.9	31.9	29.2	27.4	28.9	32.6	26.2	78	85	65	59	72	76	72.5	5.3
Mean	56.78	56.89	57.17	55.83	56.10	57.57	56.72	25.6	25.2	30.2	30.8	28	26.4	27.7	32.5	24.4	88.5	90.5	69.5	67.5	79	86	80.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	83.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	E	Calm	Calm	8.7	27.1	51.2	17.5	104.5	0	------	------	2	------	Cu.-N.
2	Calm	Calm	E	ENE	NE	N	20.1	41.8	80.3	49.6	191.8	0	------	------	1	------	Cu.
3	Calm	Calm	E	NNE	Calm	Calm	20.7	23	57.7	30.9	132.3	1	Ci.	Cu.	3	Ci. SE	Cu.
4	Calm	Calm	ENE	ENE	Calm	WSW	19.8	29.5	35.9?	22.3	107.5	1	Ci.	Cu.	4	------	Cu.-N. WSW
5	Calm	Calm	ENE	W	Calm	Calm	18.7	29.3	53.7	15.5	117.2	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. SW
6	Calm	Calm	SSW	ENE	Calm	SW	------	32	44.3	20.9	------	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
7	SW	Calm	WSW	SW	ENE	Calm	16.7	32.2	46.1	32.8	127.8	10	Ci.-S.	N.	2	Ci.-S.	Cu.-N. ENE
8	W	Calm	SSW	SSW	WSW	Calm	19.5	36.8	57.9	22.7	136.9	4	A.-Cu. NE	Cu.	10	Ci.-S.	Cu.
9	SW	SSW	SW	W	W	W	29	70.5	------	------	------	7	A.-Cu. W	Cu. WSW	10	Ci.-S.	N.
10	WSW	SW	SSW	SW	SW	SW	------	69.2	67.3	63.1	------	6	Ci.-S.	Cu. SW	10	Ci.-S.	N.
11	SW	SW	SW	SW	SW	SW	85.8	151.3	158	101.1	496.2	8	Ci.-S.	Fr.-Cu. WSW	10	Ci.-S.	Cu.-N. WSW
12	SW	SW	WSW	SW	SW	SW	127.1	126.1	121.8	96.6	471.6	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. SW
13	SW	SW	SW	SSW	SW	SW	101.7	108.8	118.1	44.3	372.9	9	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Fr.-N. SW
14	SW	WSW	SSW	SW	WSW	W	67.4	79.9	57.9	25.7	230.9	9	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu.-N. WSW
15	W	SSW	WSW	SSW	WSW	SW	29	77.9	91.1	42.3	240.3	1	A.-Cu. SE	Cu.	2	------	Cu.-N. WSW
16	SW	Calm	E	W	Calm	Calm	29.8	32.5	39.9	11.3	113.5	4	Ci. E	Cu.	3	Ci. SE	Cu.
17	Calm	Calm	ENE	NNE	SW	W	19.3	30.6	55.5	17.5	122.9	1	Ci.	Cu. W	3	------	Cu. NNW
18	Calm	Calm	NE	W	Calm	W	20.3	27.2	53.9	30.9	132.3	2	Ci.	Cu.	6	Ci.-S.	Cu.-N. NNW
19	SW	SW	NW	SW	SW	W	34	81.8	76.4	47	239.2	3	Ci.	Cu. WSW	5	Ci.	Cu.-N. WSW
20	SW	SW	SSW	SW	SW	SW	50.2	85.1	110.2	65.8	311.3	6	Ci.-S. ESE	Cu. WSW	5	Ci.	Fr.-Cu. SW
21	SW	WSW	SW	SW	SW	SW	68.4	138.1	154.3	101.9	462.7	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Cu.-N. SW
22	SW	SW	SW	SW	SW	SW	96.9	135.5	101.7	72.9	407	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N. WSW
23	SW	WSW	SW	WSW	SW	SW	63.6	112.3	116.2	59.8	351.9	10	Ci.-S.	Cu. WSW	9	Ci.-S.	Fr.-Cu. WSW
24	SW	WSW	SW	S	SW	WSW	------	------	------	51.3	------	8	Ci.-S. E	Cu. WSW	6	Ci.	Fr.-Cu. WSW
25	SW	SW	SW	SW	SSW	SW	59.3	------	------	96	------	8	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu.-N. WSW
26	SW	SW	SSW	SW	SW	SW	73.5	137.6	154.3	107	472.4	7	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu.-N. WSW
27	SW	SSW	SW	WSW	SW	SW	128.4	134.6	183.1	116.9	563	2	A.-Cu.	Cu.	5	Ci.	Fr.-Cu. WSW
28	SW	WSW	SSW	SSW	SW	SW	104	178.1	174	116.4	572.5	4	Ci.	Fr.-Cu. WSW	4	------	Fr.-Cu. WSW
29	SW	SSW	SW	WSW	SW	WSW	93.9	114.1	158.8	62.3	429.1	4	Ci.	Cu. WSW	5	Ci.	Fr.-Cu. WSW
30	SW	SW	SW	SW	SW	SW	71.6	124.4	158.2	108.1	462.3	1	Ci.	Cu.	6	Ci.	Cu. WSW
31	SW	SW	SW	SW	SW	SW	85.8	111.3	152.4	120.4	469.9	6	Ci.	Fr.-Cu. WSW	4	Ci.	Fr.-Cu. WSW
Mean	------	------	------	------	------	------	55.8	82	97.5	59	301.5	5	------	------	6.2	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	°C.	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	55.17	55.72	56.42	54.23	54.71	56.10	55.39	27	26	27.6	31.7	26.6	26.9	27.6	31.9	24.8	84	94	87	64	77	77	80.5	12
2	55.17	55.75	55.77	53.95	54.23	55.45	55.05	26.3	24.9	28.8	30.1	25.9	26.6	27.1	30.7	24.2	80	89	75	69	86	84	80.5	3.8
3	54.38	54.58	55.13	53.38	53.64	55.02	54.36	27.1	26.5	26.9	27.7	25.9	26.4	26.8	28.4	25.2	83	87	90	86	86	82	85.7	6.3
4	54.63	54.31	55.06	53.35	53.78	55.12	54.38	26.1	25.9	28.1	29.3	27.4	26.5	27.2	30.4	25.1	84	88	79	77	84	87	83.2	4.4
5	54.66	54.72	55.33	53.82	53.49	55.49	54.58	26.3	25	27.1	27.8	26.3	26	26.4	29.1	24.2	83	92	92	89	89	91	89.3	27.5
6	54.61	54.21	54.25	53.29	53.90	55.83	54.35	26.3	26	30.3	29	26.5	25.2	27.2	31.4	24.7	88	89	71	78	88	94	84.7	8.6
7	54.18	54.29	55.77	53.80	54.82	56.02	54.81	25.5	26.1	26.5	30.2	26.2	25.9	26.7	30.8	25	93	90	93	74	92	91	88.8	15.3
8	55.14	55.31	55.91	54.50	54.72	55.77	55.22	26.2	25.7	28.1	26.4	25.7	25.1	26.2	28.4	24	88	90	82	88	91	94	88.8	16.2
9	55.11	55.19	55.75	54.83	55.29	56.82	55.50	25.6	25.4	28.6	27.4	25.2	25.5	26.3	29.5	23.7	91	93	80	84	87	91	87.7	19.1
10	56.32	56.25	56.32	55.49	55.90	57.82	56.35	25.6	25.5	28.3	29.2	27.7	26.6	27.2	30.1	24.6	89	91	76	72	81	88	82.8	15.5
11	57.29	57.14	57.80	56.15	56.54	58.71	57.27	25.8	25.6	28.4	29.9	27.6	27	27.4	31.4	25.2	93	95	81	75	83	86	85.5	-----
12	57.26	57.24	57.60	56.11	57.30	58.15	57.28	25.8	25.6	28.7	29	24.9	24.7	26.4	30.1	23.7	90	90	78	78	92	92	86.7	29
13	57.25	57.39	58.02	56.39	57.12	58.28	57.41	24.6	24.4	27.7	29	25.9	25.4	26.2	29.3	23.5	92	93	80	75	92	92	87.3	13.7
14	57.24	58	58.43	57.26	57.87	59.81	58.10	23.7	23.9	27.4	30.7	27.4	25.5	26.4	31.1	22.7	96	96	83	67	83	90	85.8	2.8
15	58.46	58.82	59.36	57.56	57.19	59.32	58.45	25.1	25	29.9	31.2	27.7	25.6	27.4	33	23.7	92	92	70	66	82	91	82.2	-----
16	58.36	58.48	58.89	56.83	56.83	58.63	58	23.8	23.7	30.7	33.3	28.4	25.9	27.6	34.3	22.8	97	96	65	60	79	89	81	-----
17	57.77	57.83	57.86	56.28	56.53	58.94	57.54	25.3	25.1	31.4	33.1	28.9	26.2	28.3	33.6	24.5	90	90	68	60	74	85	77.8	-----
18	58.12	58.08	59.18	57.51	57.95	59.98	58.47	24.3	23.9	31	33.8	28.7	26.6	28	33.9	23.7	96	96	67	60	83	90	82	-----
19	59.14	59.60	59.85	58.21	59.04	60.99	59.47	24.6	24.9	31.3	28.6	25.9	24.2	26.6	34.7	22.9	94	92	66	74	85	93	84	1
20	59.70	59.40	60.44	58.72	59.17	60.02	59.58	22.7	23	30.1	29	22.6	22.5	25	33.8	21.9	98	97	73	80	95	94	89.5	7.4
21	58.80	58.59	59.56	57.76	57.07	58.97	58.46	22.2	23.1	30.2	31.1	27.2	25.2	26.5	34.1	21.6	95	96	75	71	84	92	85.5	-----
22	58.08	57.52	58.13	55.84	56.60	58.10	57.38	23.7	23	30.7	31.8	26.9	25.1	26.9	32.6	22.3	94	95	72	68	88	94	85.2	.5
23	56.79	56.74	57.13	55.70	56.01	57.29	56.61	24.2	23.4	30.2	29.3	26.4	24.6	26.4	33.4	22.8	94	96	69	79	90	96	87.3	1.5
24	56.68	56.57	57.29	55.67	56.66	57.98	56.81	24.2	24.9	29.7	30.9	26.8	24.9	26.9	32	23.3	96	92	71	65	90	92	84.3	4.1
25	57.14	57.35	57.97	55.99	56.61	58.54	57.27	23.6	23.5	29.9	29.3	26.4	24.8	26.2	34	22.4	96	96	71	74	94	97	88	16.8
26	57.77	57.37	57.85	55.74	56.20	57.97	57.15	24.3	24.2	30.4	31	27.6	26.1	27.3	32.2	23.7	96	94	72	69	81	85	82.8	19
27	57.41	57.80	58.26	56.03	57	58.90	57.57	24.5	24.6	28	29.8	27.3	25.4	26.6	30.3	23.7	93	92	86	75	83	93	87	3.6
28	57.16	57.88	58.36	56.59	57.24	59.14	57.73	25.1	24.9	28.9	31.1	27.7	26.4	27.4	31.3	23.9	93	94	77	65	81	89	83.2	-----
29	58.08	58.12	58.23	56.73	57.35	59.14	57.94	24.9	25.4	30.2	31.9	27.8	26.1	27.7	32.7	24.4	92	88	68	60	82	85	79.2	-----
30	58.22	58.59	59.10	57.69	58.25	60.04	58.65	25.6	25.9	29.9	30.3	28.3	25.4	27.6	33.2	24.2	87	89	73	75	82	92	83	-----
Mean	56.87	56.96	57.50	55.85	56.30	57.94	56.90	25	24.8	29.2	30.1	26.8	25.6	26.9	31.7	23.7	91.2	92.4	76.3	72.6	85.5	89.9	84.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	228.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	SW	SSW	SSW	SW	SW	76.4	139	171.1	142.6	529.1	9	Ci.-S.	Fr.-N. WSW	5	Ci.-S.	Fr.-Cu.WSW
2	W	WSW	SSW	SW	SW	SW	101.1	106	153.2	103.5	463.8	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N.WSW
3	SW	WSW	SW	SW	SW	WSW	137.9	104	-----	-----	-----	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.WSW
4	SW	SSW	SW	SW	SW	WSW	75.1	104.3	127.3	77.2	383.9	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N.WSW
5	SW	SW	SW	SSW	SW	SW	59.7	81	-----	53.7	-----	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N.WSW
6	SW	SW	S	WSW	SW	WSW	70.2	118.1	141.1	77.9	407.3	7	Ci.-S.	Cu. WSW	9	Ci.-S.	Fr.-N.WSW
7	SW	SW	SW	SW	SW	SW	99.6	82.1	59.5	91.9	333.1	10	Ci.-S.	Fr.-N. WSW	8	Ci.-S.	Fr.-N.WSW
8	SW	WSW	SW	SW	SW	SW	-----	-----	-----	70.3	-----	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N.WSW
9	SW	SSW	SW	SW	SW	SW	84.7	109.4	108.4	54.1	356.6	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Fr.-N.WSW
10	SW	SW	SW	SW	SW	SSW	100	122.8	118	47.5	388.3	10	Ci.-S.	Fr.-N. WSW	6	Ci.-S.	Fr.-Cu.WSW
11	SW	SSW	SW	SSW	SW	SW	33.2	83.7	121	-----	-----	10	Ci.-S.	Fr.-N. WSW	8	Ci.-S.	Cu.-N.WSW
12	SW	SW	SW	WSW	SW	SW	-----	-----	104.8	68.9	-----	10	Ci.-S.	Fr.-N. WSW	8	Ci.-S.	Cu.-N.WSW
13	SW	SW	SW	WSW	SW	SW	59.7	78.7	83.9	38.9	261.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.WSW
14	SW	WSW	SSW	SW	SW	SSW	39.9	69	90.3	45.1	244.3	10	Ci.-S.	Fr.-N. WSW	7	Ci.-S.	Cu.-N.WSW
15	SW	SSW	SW	W	SSW	Calm	48.1	72.1	77.5	38.6	236.3	2	A.-Cu.	Cu.	3	-----	Cu.-N.WSW
16	Calm	Calm	SW	SW	SW	SW	8.3	56.5	87.9	40.8	193.5	1	Ci.	Cu.	2	-----	Fr.-Cu.WSW
17	SW	SW	SW	SW	SW	Calm	30.3	72.6	82.9	28.8	214.6	6	Ci. NE	Cu.	2	Ci.	Fr.-Cu. SW
18	Calm	Calm	SW	SSW	WSW	Calm	13.2	44.3	57.3	21.2	136	4	Ci.	Fr.-Cu.WSW	4	Ci. NE	Cu. SW
19	Calm	Calm	E	SSW	Calm	Calm	15.3	19.5	44.3	11.5	90.6	1	Ci.	Cu.	6	-----	Cu.-N. W
20	Calm	Calm	N	W	W	Calm	17.9	25.7	58.5	17.7	119.8	0	-----	-----	10	Ci.-S.	Cu.-N. NE
21	Calm	WSW	NNE	NE	NW	Calm	19.8	35.4	93.9	22.8	171.9	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
22	Calm	Calm	E	NE	Calm	Calm	21.1	49.9	78.1	25.2	174.3	1	Ci.	Cu.	6	Ci.-S. SE	Cu.-N.NNE
23	W	WSW	SSE	SW	Calm	Calm	28.7	33	41.3	19.3	122.3	1	Ci.	-----	10	Ci.-S.	N.
24	SW	WSW	WSW	SW	Calm	Calm	43.5	75	66.3	17.7	202.5	9	Ci.-S.	Cu.	7	Ci.	Cu.-N.WSW
25	Calm	Calm	SW	NW	Calm	Calm	15.8	22.3	26.6	18.5	83.2	2	Ci.	Cu.	9	Ci.-S.	N. SSW
26	Calm	SW	NE	WSW	Calm	SSW	24.4	44	68.7	42.3	179.4	4	Ci.	Cu. SW	5	Ci.	Cu.-N.WSW
27	SW	SW	SW	SW	S	WSW	54.5	81.1	79.7	40.5	255.8	9	Ci.-S.	Cu. SW	9	Ci.-S.	Fr.-Cu.WSW
28	SW	WSW	SW	SW	WSW	Calm	-----	96.6	82.6	30.8	-----	8	Ci.-S.	Fr.-Cu.WSW	6	Ci.	Fr.-Cu.WSW
29	SW	SW	SW	SW	SW	SW	45.6	112.1	86.1	42	285.8	7	Ci.	Cu. WSW	7	Ci.	Fr.-Cu.WSW
30	SW	WSW	W	WSW	SW	Calm	49.3	73.7	51.2	20.1	194.3	6	A.-Cu. SW	Cu.	4	Ci.	Cu. WSW
Mean	-----	-----	-----	-----	-----	-----	50.9	75.4	87.5	46.8	251.2	6.6	-----	-----	7.3	-----	-----

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.16	59.47	60.09	57.88	57.73	60.11	59.07	24	23.2	30.8	31.2	28.2	25.1	27.1	34.1	22.8	95	95	67	68	82	92	83.2	------
2	58.93	59.40	59.94	58.21	58.06	60.60	59.19	23.8	23.4	30.8	33.7	27.9	25.4	27.5	34.1	22.9	96	96	72	64	84	92	84	------
3	59.50	59.76	60.80	59.18	58.84	61.09	59.86	24.6	24.5	31.2	32.5	28.9	27.4	28.2	34	23.2	95	95	67	64	78	81	80	------
4	60.26	59.76	60.74	59.07	59.23	60.84	59.98	25.3	24.5	30.6	32.1	28.4	26.5	27.9	33.2	24.1	94	94	70	64	77	84	80.5	------
5	60.06	60.71	61.24	59.40	59.31	60.98	60.28	24.6	25.9	27.8	31.7	28.4	27.1	27.6	33	23.5	96	88	82	64	77	85	82	3.3
6	60.04	60.20	61.18	59.39	59.55	60.65	60.17	25.4	25.9	29.7	29.9	27.4	26.8	27.5	31.4	24.6	90	88	71	71	83	84	81.2	2.3
7	59.95	60.02	60.58	59.03	58.89	60.69	59.86	26.3	26.6	30.9	32.5	28.8	27.7	28.8	33.6	25.6	86	87	69	62	73	79	76	1.8
8	60.06	60.65	61.39	59.57	59.90	61.48	60.51	26.9	26.8	30.9	31.7	28.1	27.4	28.6	33.6	26.3	84	86	66	66	79	82	77.2	------
9	60.34	60.86	61.54	59.09	59.85	60.83	60.42	26.8	25	31.5	33.2	29.1	27.4	28.8	33.8	23.8	84	91	63	58	71	77	74	------
10	60.07	60.25	61.33	58.96	59.44	60.83	60.15	25.5	26.2	30.9	31.7	28.4	27	28.3	33.1	22.3	83	82	65	62	76	80	74.7	------
11	58.71	59.03	59.73	58.22	58.85	60.10	59.11	26	22.5	31.3	32.7	27	26.2	27.6	33.2	21.7	81	91	68	64	80	85	78.2	------
12	59.03	59.51	60.25	58.50	58.57	60.05	59.32	25.6	22.4	27.3	27.4	26.7	25.9	25.9	29.2	21.3	84	93	84	78	81	83	83.8	1.5
13	59.87	60.21	60.95	59.33	59.83	61.57	60.29	26.6	25.9	30.2	30.9	27.6	26.6	28	33.2	25.1	79	77	65	63	74	79	72.8	------
14	60.85	60.99	61.87	60.12	59.94	61.54	60.88	26.2	25.9	30.8	31.1	26.6	26.8	27.9	32.9	25.2	79	80	61	65	80	78	73.8	------
15	60.09	60.77	61.91	59.62	59.33	61.25	60.50	26	25.6	27.6	30.4	27.1	25.9	27.1	31.1	24.6	82	84	80	66	74	81	77.8	4.4
16	59.87	60.61	61.86	59.69	59.79	61.31	60.52	25.4	24.9	28.1	31.6	25.9	25.6	26.9	32.8	23.5	82	92	81	65	79	86	80.8	12.8
17	60.89	61.40	62.46	60.41	60.51	62.02	61.28	24.8	24.9	28.6	30.3	27.3	26.6	27.1	31.2	23.9	88	92	77	70	80	84	81.8	1.8
18	61.21	61.46	62.18	60.42	60.25	61.43	61.16	25.9	26.2	30	32.6	28.3	26.6	28.3	32.9	24.7	87	86	69	60	76	86	77.3	2.3
19	60.02	60.52	61.01	59.21	59.49	61.13	60.23	24.9	24.5	29.9	32.8	28.7	27.7	28.1	33.6	23.7	92	95	71	62	78	82	80	------
20	60.36	61	61.83	60.13	60.48	62.18	61	26.8	26.6	31.4	31.7	28.2	27.4	28.7	33.1	25.9	83	83	64	64	75	79	74.7	5.6
21	61.52	62.06	62.74	60.99	60.75	62.08	61.69	26	25.6	30.8	32.7	27.9	27.4	28.4	33.6	23.9	87	89	69	64	74	81	77.3	8.4
22	61.05	61.55	61.99	60.62	60.45	61.82	61.25	25.8	25.5	27.8	24.9	25.9	25.9	26	28.4	24.1	90	92	78	95	92	89	89.3	31.4
23	61.14	61.53	61.99	60.76	60.79	62.02	61.37	25.7	25.4	29.7	29	27.7	27.2	27.4	31.2	23.5	89	88	71	74	76	77	79.2	12.4
24	61.30	62.17	62.46	60.47	60.68	62.22	61.55	25.1	25	29.4	30.2	27.9	26.4	27.3	31.6	23.7	91	92	71	68	75	82	79.8	2
25	61.26	61.66	62.39	60.72	61.36	62.50	61.65	26.5	26.4	30.6	31.2	27.4	27.1	28.2	32.4	24.7	82	79	67	67	77	76	74.7	------
26	61.16	61.47	62.19	60.11	59.86	61.44	61.04	26	26.4	29.9	31.2	27.8	26.9	28	32.6	25.7	83	81	69	58	74	78	73.8	------
27	60.50	60.71	61.70	59.57	59.68	61.30	60.58	25.7	25.6	30.3	31.7	27.9	27.5	28.1	32.9	24.6	86	89	69	67	81	81	78.8	.3
28	60.64	61.46	62.56	60.56	60.61	62.20	61.34	25.9	25.5	27.7	29.4	27.6	27.1	27.2	31.1	25	88	91	86	76	81	81	83.8	2.8
29	61.27	61.62	62.66	60.24	60.05	61.76	61.27	26.5	25.9	26	30.6	27.4	26.5	27.2	31.4	24.5	82	85	87	64	78	82	79.7	9.4
30	60.47	61.15	62.39	60.05	60.31	61.85	61.04	25.9	25.5	27.2	27.7	25.6	26.4	26.4	29.6	24.6	85	88	77	78	87	85	83.3	4.9
31	61.40	61.50	62.38	60.73	61.39	62.56	61.66	25.9	26	30.1	26.9	25.9	26	26.8	32.4	24.8	86	85	71	84	87	88	83.5	43.1
Mean	60.35	60.76	61.56	59.69	59.80	61.37	60.59	25.7	25.3	29.7	30.9	27.6	26.7	27.6	32.4	24.1	86.7	88.2	71.8	67.6	78.7	82.5	79.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	150.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Nn.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	Calm	Calm	Calm	12.6	30.1	27.1	14	83.8	0	-----	-----	6	Ci.-S.	Cu.-N. WSW
2	Calm	Calm	E	WSW	Calm	Calm	13.4	31.1	37.2	5.6	87.3	0	-----	-----	3	-----	Cu.-N. SSW
3	Calm	Calm	NE	NE	ENE	Calm	4.8	51	77.7	26.4	159.9	2	Ci.	Cu. NE	1	-----	Cu.
4	Calm	Calm	NE	ENE	NE	N	10.7	57.7	73.4	35.2	177	1	-----	Cu.	2	-----	Cu.
5	Calm	N	N	ENE	NE	NNE	23.3	52.6	62.3	56.3	194.5	1	-----	Cu. NE	4	-----	Cu.-N.
6	NE	ENE	NE	NNE	NNE	NNE	60.7	56.1	63.4	57.1	237.3	6	Ci.-S.	Cu.-N. ENE	2	Ci.-S.	Cu.-N. ENE
7	N	NE	E	NE	NE	NE	56.1	61.4	79.5	62.6	259.6	8	Ci.-S.	N. NE	2	-----	Cu. NE
8	NE	NNE	NE	ENE	NNE	NNE	54.4	69.8	75.6	64.2	264	1	-----	Cu.	6	Ci.	Cu. NE
9	N	Calm	NNE	NE	NE	NE	42.8	67.3	88.7	72.7	271.5	1	Ci.	Cu.	1	Ci. ESE	Cu.
10	N	NNE	NE	NNE	NNE	N	31.1	75.4	74.8	57.6	238.9	4	Ci.	Cu. NE	7	Ci.	Cu. NNE
11	NE	Calm	NE	ENE	NE	ENE	34.9	54.2	88.8	73.4	251.3	2	Ci.	Cu.	1	-----	Cu.
12	N	Calm	NE	NNE	NE	Calm	35.1	49.7	63.3	49.1	197.2	9	Ci.-S.	N. NE	9	Ci.-S.	N. NE
13	NE	NNE	NE	NE	NE	NE	77.5	86.4	93.8	74.8	332.5	0	-----	-----	4	A.-Cu. N	Cu.
14	NE	NNE	NE	ESE	E	N	76.6	88.8	90.6	52.6	308.6	0	-----	-----	5	A.-Cu.	Cu. NNE
15	N	NNE	NE	NE	NNE	N	50.5	69.4	74	62.2	256.1	1	Ci.	Cu.	4	Ci.-S.	Cu.-N. NE
16	N	ENE	SE	E	NNE	NE	40.8	48.3	71.8	71.6	232.5	9	Ci.-S.	Cu.-N. ENE	6	Ci. ESE	Cu.-N. NE
17	N	NNE	NNE	ENE	NE	NE	68.2	75.9	80.8	72.7	297.6	8	Ci.-S.	Cu.-N. ENE	7	-----	Cu.-N. NE
18	NE	NE	NE	ENE	NE	NNE	63	81.6	74.2	63.1	281.9	1	-----	Cu. NE	1	-----	Cu.
19	W	Calm	Calm	NE	E	NE	25.4	27.1	53.3	66.6	172.4	6	Ci.-S.	Cu.-N. NE	2	Ci.-Cu.	Cu.-N.
20	ENE	Calm	ENE	NE	NE	NNE	47.8	55.5	80.8	58.2	242.3	2	-----	Cu.-N. ENE	3	A.-Cu. SE	Cu.
21	NE	NNE	NE	ENE	ENE	NE	53.3	62.8	80.7	68.9	265.7	8	Ci.-S.	N. E	2	-----	Cu. NE
22	NE	NNE	NNE	N	NNE	NNE	55.3	72.6	73.4	72.1	273.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
23	NE	N	NNE	ENE	NNE	NE	79.5	93	116.7	97.7	386.9	1	-----	Cu. ENE	7	Ci.	Fr.-Cu. NE
24	N	NNE	NNE	NNE	NE	N	81.9	106	133.4	100.9	422.2	10	Ci.-S.	N. NE	2	-----	Cu. NE
25	NE	NE	NE	ENE	NE	NE	97.7	102.2	104	78.7	382.6	1	-----	Cu.	2	-----	Cu.
26	NE	NNE	NE	NNE	ENE	NE	84.8	93.3	83.7	76.1	337.9	9	Ci.-S.	Fr.-N. NE	2	Ci. NE	Cu. NE
27	N	N	ENE	NE	NE	NNE	51.5	83.5	89	73.5	297.5	3	Ci.	Cu. ENE	5	A.-Cu. ESE	Cu.-N. ENE
28	N	ENE	NE	E	NE	N	67.9	60.9	89.5	80.5	298.8	8	-----	N. ENE	8	Ci.-S.	Cu.-N. ENE
29	N	N	E	NE	E	NNE	86.3	73.5	91.9	76.9	328.6	3	-----	Cu. ENE	2	-----	Cu. NE
30	N	N	NNE	NNE	NNE	N	65.7	88.7	82.3	81.5	318.2	8	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Cu.-N. ENE
31	N	N	NNE	ENE	NNE	NNE	76.2	84.2	93.6	103.8	357.8	1	-----	Cu.	9	Ci.-S.	N.
Mean	-----	-----	-----	-----	-----	-----	52.6	68.1	79.7	64.7	265	4	-----	-----	4.3	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,215.8	-----	-----	-----	-----	-----	-----

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maxi-mum.	Mini-mum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.76	62	62.83	61.10	61.68	62.77	62.02	25.5	26	29.5	26.9	26.6	25	26.6	32.3	23	88	89	76	82	90	89	85.7	16.1
2	61.86	61.85	62.15	60.35	60.80	62.02	61.50	26	25.9	29.4	31.7	26.2	26.8	27.7	32.4	24.6	88	87	70	67	83	78	78.8	------
3	60.84	60.63	61.25	59.14	58.87	60.53	60.21	25.8	25.7	30.6	31.7	27.9	26.9	28.1	33.1	24.9	82	82	65	61	77	83	75	7.4
4	60.31	61.22	61.46	59.35	59.81	61.27	60.57	24.8	24.8	29.4	30.9	25.2	25	26.7	31.2	23.8	93	93	71	71	91	92	85.2	6.4
5	60.39	60.52	61.35	59.29	59.55	61.10	60.37	25.3	25.9	29.4	30.8	27.7	25.9	27.5	32.1	24.5	92	88	76	70	82	85	82.2	------
6	59.84	59.97	60.47	58.84	58.73	60.18	59.67	25.9	26	30.4	32.2	28.2	27.1	28.3	32.8	25.1	85	88	75	69	81	87	80.8	------
7	59.54	59.86	60.43	58.63	58.59	59.99	59.51	26.9	26	30.6	32.1	27.9	27.1	28.4	32.8	25.4	83	89	73	68	78	83	79	------
8	59.04	59.35	60.06	58.18	58.96	60.19	59.30	26.9	24	27.6	30.7	27.6	27.1	27.3	31.1	23.5	83	91	89	76	84	84	84.5	7.4
9	59.27	59.85	60.17	58.17	59.37	60.79	59.60	25	23.7	29.9	29.8	27.7	26.4	27.1	31.4	23	93	94	75	74	84	88	84.7	2.1
10	59.71	59.95	60.20	58.31	59.14	60.42	59.62	25	25.8	29.1	28.3	26.4	26.1	26.8	32.8	24.4	93	88	76	80	90	80	84.5	9.4
11	59.39	59.45	59.76	57.99	58.09	59.54	59.04	25.3	25.6	28.9	30.7	27.4	26.9	27.5	31.2	24.3	82	84	76	67	78	80	77.8	------
12	58.73	59.32	59.94	58.14	58.60	60.20	59.16	26.1	26.3	28.4	30.7	26.9	26.1	27.4	31.3	25.4	84	83	80	70	86	90	82.2	8.8
13	59.16	59.89	60.44	58.01	59	60.44	59.49	25.5	26	27.9	31.4	27.7	26.7	27.5	31.8	25.1	89	85	82	67	81	86	81.7	3.5
14	59.64	60.31	60.62	58.48	59.10	60.19	59.72	26	25.2	30.4	31.4	27.9	26.9	28	32.3	24.7	89	93	68	70	80	84	80.7	------
15	59.02	59.30	60.64	58.37	58.98	60.19	59.42	25.7	26.5	25.7	30.5	27.4	25.6	26.9	31.4	24.5	88	88	85	65	78	83	81.2	6.3
16	59.19	59.32	59.63	57.36	58.01	59.30	58.80	25.3	26	27.2	30.9	26.7	26.4	27.1	31.9	24.9	84	83	84	67	87	88	82.2	11.7
17	58.81	59.09	59.64	57.79	58.35	59.59	58.88	24.5	23	29.4	31.2	27.4	26.7	27	32.1	22.4	89	95	74	67	81	84	81.7	7.9
18	58.57	59.13	60.04	58.14	58.71	60.34	59.16	26	25.5	29.5	31.4	27.8	26.5	27.8	32.2	24.9	88	87	68	65	78	85	78.5	2
19	59.44	60.11	60.90	59.14	59.48	60.69	59.96	26.1	25.9	28.2	30.4	26.2	26.9	27.3	32	25.1	87	88	77	72	85	85	82.3	11.3
20	59.62	60.62	61.06	59.47	59.30	60.68	60.12	26.4	25.5	29.7	30.2	27.6	26.9	27.7	31.6	24.4	87	91	72	71	83	86	81.7	23.6
21	60.06	60.70	61.09	59.09	59.46	60.75	60.19	25.7	25	30.6	31.8	27.6	26.6	27.9	32.4	24.2	93	96	72	71	81	86	83.2	------
22	60.02	60.44	61.24	59.53	59.68	60.95	60.31	26.5	26.4	30.3	30.9	27.4	26.1	27.9	31.1	25.2	85	85	67	67	82	88	79	13.3
23	60.10	60.24	60.89	59.29	59.53	60.74	60.13	24.7	26	30.7	31.7	28.1	26.5	28	32.6	24.4	92	88	67	65	77	84	78.8	.3
24	59.96	60.55	60.99	58.61	59.14	60.61	59.98	26.4	26	31	32.2	28.4	27.2	28.5	33.1	25.5	84	85	63	62	77	84	75.8	3.3
25	59.15	59.55	60.19	58.34	59.69	61.09	59.67	26.8	26.7	29.4	30.2	27.1	26.6	27.8	30.7	25	86	86	72	66	84	80	79	------
26	59.94	60.10	60.29	58.83	60.19	61.10	60.08	26.9	27.2	28	29.4	27.9	27.4	27.8	30.1	25.8	80	79	83	76	81	82	80.2	1
27	60.10	60.81	61.04	59.37	60.28	61.65	60.54	27	26.9	30.7	31.7	27.4	26.9	28.4	32.2	25	84	85	70	69	86	87	80.2	21.1
28	60.01	60.52	61.31	58.67	58.79	60.05	59.89	26.7	26.4	29.5	30.4	27.7	26.2	27.8	30.8	24.4	86	86	70	68	75	85	78.3	17.3
29	59.20	59.55	60.37	59	59.93	60.81	59.81	25.2	25	26	29.1	27.2	26.7	26.5	30.3	23.1	88	88	91	80	83	83	85.5	10.1
30	59.51	59.62	60.95	59.19	59.59	60.80	59.94	26.1	26	27.3	26.9	25.9	26.9	26.5	31.1	25	86	89	87	86	90	88	87.7	20.7
Mean	59.74	60.13	60.71	58.81	59.31	60.63	59.89	25.9	25.7	29.2	30.6	27.3	26.5	27.5	31.8	24.5	87	87.8	75.1	70.3	82.4	84.9	81.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	211

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	N	NE	E	E	51.5	64.7	73.5	57.9	247.6	2	------------	Cu.-N. E	8	Ci.-S.	Cu.-N. E
2	N	N	NNE	E	N	NNE	58.4	77.2	74.6	83.4	293.6	1	------------	Cu.	3	------------	Fr.-Cu.NE
3	N	N	NNE	NE	NE	N	62.2	68.6	57.9	58.5	247.2	0	------------	------------	1	------------	Fr.-Cu.NE
4	Calm	N	NE	NE	Calm	Calm	24.1	40.5	69.7	16.3	150.6	6	Ci.-S.	N. NE	4	------------	Cu.-N.
5	Calm	N	NE	ENE	NNE	ENE	32.2	50.2	62	48.9	193.3	7	Ci.-S.	Cu. NE	5	------------	Cu.-N.
6	NE	NNE	NE	ENE	NNE	NNE	53.6	68.1	64.1	42.8	228.6	1	------------	Cu. ENE	2	------------	Cu. ENE
7	N	Calm	ENE	ENE	NNE	N	41.2	57.4	83.7	52.6	234.9	5	------------	Cu.-N. E	1	------------	Cu.
8	N	NW	NE	NNE	NE	N	50.9	41.6	92	62	246.5	6	Ci.-S.	N. E	2	Ci.	Cu.
9	Calm	Calm	NE	NNE	NNE	NNE	14.3	53.4	------	------	------	1	------------	Cu. ENE	2	A.-Cu. NE	Cu.-N.
10	N	N	NNE	NNE	Calm	NNE	------	------	------	------	------	1	------------	Cu. ENE	3	------------	Cu.-N.NE
11	NE	N	NNE	NE	NNE	N	------	------	------	78.7	------	8	Ci.-S.	N. NE	2	------------	Fr.-Cu.ENE
12	N	N	NNE	ENE	NE	NNE	52.5	84.3	73.4	60.2	270.4	1	------------	Cu.	5	A.-Cu.	Cu.-N.ENE
13	N	NNE	NNE	NE	NNE	NNE	70.3	90.6	72.7	56.1	289.7	1	------------	Cu.	3	------------	Cu.-N.ENE
14	N	Calm	NE	ENE	NNE	N	34	62.5	72.7	67.6	236.8	4	Ci.-S.	Cu.-N. NE	1	------------	Cu.
15	N	NNE	N	NE	NE	N	70.2	85.1	77	71.9	304.2	1	------------	Cu. ENE	1	------------	Cu. NE
16	N	N	Calm	NE	NNE	NNE	48.5	56.8	65.5	60.6	231.4	2	Ci.	Cu. ENE	3	------------	Cu.-N.ENE
17	Calm	Calm	ENE	ENE	NNE	NNE	29.5	47.2	64.7	52.1	193.5	2	------------	N. E	2	------------	Cu.-N.
18	N	N	NNE	NE	NNE	N	45.7	62.2	59.8	51	218.7	1	------------	Cu.	2	------------	Cu.
19	N	NNE	NNE	ENE	Calm	N	38.6	58.9	70	53.7	221.2	9	Ci.-S.	N. ENE	2	------------	Cu. ENE
20	N	Calm	NNE	NNE	NNE	NNE	50.5	52.5	52.6	46.7	202.3	8	Ci.-S.	N. E	4	------------	Cu.
21	Calm	Calm	NE	ENE	NNE	NNE	11.5	43.8	76.6	77.4	209.3	3	------------	Cu. NE	2	------------	Cu. NNE
22	N	NNE	NE	NE	NE	N	90.1	93.3	78.4	61.2	323	1	A.-Cu.	Cu.	4	------------	Cu.-N.ENE
23	Calm	NNE	ENE	ENE	NE	N	52	80	81.8	47.3	261.1	2	Ci.	Cu. ENE	2	------------	Cu.-N. E
24	NE	N	NE	E	NE	NNE	48	66.6	62	86.6	263.2	3	Ci.	Cu.	4	Ci.	Cu. NE
25	N	NNE	NNE	NNE	NE	N	84.7	99.8	104.9	92.3	381.7	3	Ci. SE	Cu. NNE	7	Ci.	Cu.-N.NE
26	NE	NNE	NNE	NE	NE	NE	------	------	123.3	80.5	------	10	Ci.-S.	N. NNE	8	Ci.-S.	Cu.-N.NE
27	NE	NE	NE	NE	N	ENE	72.4	------	69.7	69.8	------	4	Ci.	Cu.	6	A.-Cu. ENE	Cu.
28	NE	NE	ENE	NE	NNE	NE	87.4	114.3	------	93	------	4	Ci.	Cu. ENE	4	Ci.	Cu. E
29	NE	NNE	ENE	NE	NE	NE	91.5	112.7	90.3	80.7	375.2	10	Ci.-S.	N. E	3	------------	Cu.-N. E
30	NE	NNE	NNE	NNE	NNE	NNE	75.8	77.2	68.9	------	------	3	------------	Fr.-Cu. ENE	8	Ci.-S.	N. ENE
Mean	------	------	------	------	------	------	53.4	69.6	74.7	63.3	253.2	3.7	------------	------------	3.5	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.10	60.22	60.64	58.82	59.13	60.97	59.98	26.6	25.9	30.2	30.7	26.4	26.1	27.6	31.4	25.3	88	88	74	72	87	88	82.8	9.4
2	60.06	60.72	61.35	59.08	59.61	60.99	60.30	26	26.1	28.9	31.7	27.6	27.1	27.9	32.6	24.9	87	87	76	63	83	86	80.3	5.6
3	59.86	60.32	60.86	58.85	59.33	60.29	59.92	26.2	26	28.2	28.5	27.3	26.6	27.1	30.7	25	91	92	82	82	84	88	86.5	14.7
4	59.15	59.79	60.56	58.76	59.15	60.52	59.66	25.7	25.5	26.9	25.7	26.2	26.3	26	28	24.5	92	92	84	89	88	90	89.2	2
5	59.55	59.20	60.15	58.68	59.03	60.21	59.47	25.3	25.7	30.6	28.1	25.2	25.6	26.8	32.8	24.3	89	90	69	82	92	90	85.3	10.1
6	60.04	60.19	60.81	59.04	59.39	60.42	59.98	25.7	26	28.6	30.5	27.5	26.8	27.5	31.8	25.2	90	89	80	74	83	86	83.7	.3
7	60.01	60.22	60.77	59.05	58.90	60.57	59.92	26	25.9	29.3	29.7	27.2	25.4	27.2	32.4	24.7	89	88	68	68	80	90	80.5	2.3
8	59.46	59.57	59.99	58.18	58.31	59.89	59.23	25.3	26	29.9	30.9	27.2	26.6	27.6	31.8	25	90	88	69	64	78	80	78.2	-----
9	59.50	59.75	60.43	58.75	59.30	60.10	59.64	26	25	26.9	28.7	26.1	26.9	26.6	31.1	24.2	82	88	84	74	86	84	83	4.3
10	59.75	60.11	60.10	58.46	58.75	60.45	59.60	26.5	26.4	29.9	30.2	27.4	27	27.9	30.6	25.4	85	84	68	73	86	87	80.5	5.1
11	59.65	60.02	60.10	58.42	58.71	59.92	59.47	26.9	26.8	26.9	27.2	25.9	25.6	26.6	28.6	24.5	86	86	88	87	92	92	88.5	35.7
12	59.31	59.74	60.64	58.15	59.29	60.75	59.65	25.6	25.7	29.3	30.7	27.3	25.9	27.4	31.1	24.8	93	93	79	73	85	92	85.8	11.9
13	59.54	60.20	61.74	59.51	59.97	61.21	60.36	25.6	25	27.1	27.9	26.6	26.1	26.4	30.5	24.6	89	91	76	78	79	77	81.7	1
14	60.40	60.68	61.59	59.42	60.05	61.15	60.55	26	25.7	30.7	32.2	26.9	25.6	27.8	32.4	24.7	77	81	63	57	77	82	72.8	-----
15	60.36	60.46	60.78	59.29	59.71	61.19	60.30	25.9	26	29.4	30.9	27.8	26.4	27.7	31.2	25.5	81	81	64	59	75	84	74	17.5
16	60.50	61.86	62.64	60.59	61.02	62.32	61.49	25.5	24	26	28.2	26.7	26.6	26.2	28.6	23.3	89	95	89	79	82	83	86.2	6.6
17	61.67	62.42	62.99	60.84	61.31	61.87	61.85	26.2	25.5	28.6	29.2	27.1	26.1	27.1	30.7	24.3	83	88	69	72	78	84	79	.5
18	60.62	61.73	62.61	59.88	60.45	61.35	61.11	25.2	24.6	28.9	29.9	26.9	26.4	27	31.1	24.3	86	87	66	64	79	81	77.2	-----
19	59.65	60.35	60.99	59.64	60.11	61.05	60.30	26.3	25.9	29.2	30.6	27.4	26.3	27.6	31.6	25.3	82	84	69	65	79	77	76	-----
20	59.47	60.15	61.02	59.12	59.93	60.35	60.01	26.2	26.4	28.9	29.3	26.9	26.4	27.4	30.3	25.5	83	85	72	72	84	87	80.5	4.6
21	59.54	60	60.45	58.29	59.41	60.39	59.68	25.8	25.6	27.2	31.2	27.8	27.1	27.4	31.2	25.2	90	95	86	70	83	87	85.2	27
22	59.45	59.79	60.70	58.49	59.24	60.41	59.68	25.9	24.4	29.9	30.9	27.4	23.7	27	31.6	22.8	92	96	72	68	76	92	82.7	-----
23	60.03	60.65	61.21	59.45	60.41	61.75	60.58	22.8	22.4	29.6	32.2	27.4	26.6	26.8	32.6	22.2	95	96	73	63	78	82	81.2	-----
24	60.94	61.49	62.03	60.33	61	62.55	61.39	26	25.9	29.9	31.7	27.4	26.4	27.9	32.2	25.2	80	80	70	63	77	78	74.7	1.5
25	61.56	62.42	62.84	61.29	61.61	62.90	62.10	25.9	25.4	30.3	31	26.9	25.9	27.6	31.5	24.4	80	82	62	64	75	77	73.3	-----
26	62.07	62.75	62.89	61.24	61.76	62.62	62.22	22.9	21.5	28.7	30.2	25.4	25.6	25.7	30.8	21.2	87	92	66	67	88	86	81	8.2
27	61.73	62.73	63.55	61.43	61.50	62.27	62.20	25.4	25	27.5	29.9	26.9	26.4	26.8	30.5	24.1	87	89	81	68	80	78	80.5	1
28	62.10	62.26	62.96	60.44	60.59	62.06	61.74	25.1	24	25.7	28.1	26.4	26.5	26	30.1	23.6	83	89	86	72	75	73	79.7	.5
29	61.11	61.21	61.80	58.97	59,09	60.56	60.46	25.2	24.9	27.9	29.9	25.7	25.6	26.5	30.5	23.3	80	86	67	60	73	72	73	-----
30	60.11	60.17	61.21	59.03	59.63	61.12	60.21	24.1	25.2	28.7	30.6	26.9	24.9	26.7	31.2	23.2	80	76	69	64	77	83	74.8	-----
31	60.35	61.35	62.22	60.03	60.33	61.61	60.98	24.8	25	27.4	30.9	26.9	25.9	26.8	31.6	24.2	83	84	70	61	75	81	75.7	-----
Mean	60.25	60.73	61.37	59.40	59.87	61.09	60.45	25.6	25.3	28.6	29.9	26.9	26.1	27.1	31.1	24.3	86.1	87.8	73.9	69.9	81.1	83.8	80.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	169.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NNE	NE	NE	NNE	NNE	63.8	70.2	78.3	67.3	279.6	9	Ci.-S.	Fr.-N. ENE	6	Ci.	Cu.-N.NE
2	N	N	NE	NNE	NE	NE	51.7	89.9	92.2	86.1	319.9	3	-----	Cu. NE	3	-----	Cu.-N.NE
3	N	Calm	NE	NE	NNE	NE	68.2	44.5	71.8	71.6	256.1	3	-----	Cu.-N. ENE	4	-----	Cu.-N.NE
4	NE	NNE	NNE	NE	NE	NE	68.2	75.8	48.3	49.7	242	4	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	N.
5	NE	N	ENE	ENE	NNE	NE	56.1	67.3	64.6	32.4	220.4	4	Ci.-S.	Cu. ENE	10	Ci.-S.	Fr.-N. ENE
6	NE	ENE	N	NE	NE	NE	47	69.5	65.7	73.5	255.7	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.-N. ENE
7	NE	NNE	NNE	NNE	NNE	NNE	64.9	81.3	71.3	74.6	292.1	4	Ci.-S.	Cu.	7	-----	N. ENE
8	NE	NNE	ENE	ENE	NNE	NE	63.8	87.2	105.9	70.8	327.7	4	Ci.-S.	N. ENE	2	-----	Cu.-N.NE
9	N	N	ENE	ENE	NNE	ENE	-----	-----	-----	94.6	-----	4	-----	Fr.-Cu. ENE	8	-----	N. NE
10	E	NNE	ENE	ENE	NNE	NNE	88.3	79.4	90.9	100.9	359.5	2	Ci.	Fr.-Cu. ENE	7	-----	N. ENE
11	NNE	NE	NNE	NE	NNE	N	93.5	90.4	91.7	81.9	357.5	6	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
12	N	Calm	NE	ENE	NNE	NE	45.1	66.3	73.2	64.9	249.5	9	Ci.-S.	N. E	2	Ci.	Cu.
13	NE	NNE	NE	E	NE	NE	69	102.5	116.2	87.9	375.6	9	Ci.-S.	N. ENE	9	Ci.-S.	Fr.-N. ENE
14	NE	N	NE	ENE	NNE	N	71.4	61	65.2	54.7	252.3	1	-----	Cu. ENE	2	-----	Cu.
15	N	NNE	NE	NNE	NNE	Calm	58.9	47.8	64.6	27.7	199	5	-----	Cu.-N. ENE	7	A.-Cu. ESE	Cu.-N.
16	Calm	Calm	NE	ENE	NNE	NE	19.3	37.6	88.8	85	230.7	10	-----	N.	10	Ci.-S.	Fr.-N. E
17	N	N	NNE	NE	NE	NE	44.9	73.7	62	61.2	241.8	1	-----	Cu.	6	A.-Cu.	Cu.-N.ENE
18	N	NNE	NNE	NNE	NNE	N	67	80.3	95	71.3	313.6	1	Ci.	Cu.	2	Ci.	Cu.
19	N	N	NNE	ENE	NNE	N	88.8	98.5	100.8	98.8	386.9	5	-----	Cu. -N. NNE	1	Ci.	Cu.
20	N	NNE	NE	NNE	N	N	96.3	121	127.9	109.9	455.1	2	Ci.	Cu.	2	-----	Cu. NNE
21	N	NNE	N	NNE	N	NE	77.5	34.4	76.4	67.4	255.7	9	Ci.-S.	N. ENE	2	Ci.	Cu.
22	NE	Calm	NE	ENE	ENE	Calm	41.5	33.5	53.9	10.3	139.2	8	Ci.-S.	N. E	3	A.-Cu.	Cu.-N.ENE
23	Calm	Calm	Calm	E	NE	ENE	1	19.9	63.6	83.7	168.2	1	-----	Cu. NE	1	-----	Cu.
24	N	N	ENE	E	E	ENE	60.6	86.6	95.3	76.1	318.6	1	-----	Cu. ENE	2	-----	Cu.
25	E	ENE	ENE	ENE	NE	N	63.3	65.4	77.9	40.5	247.1	0	-----	-----	1	-----	Cu.
26	Calm	Calm	NE	ESE	NNE	NNE	9.4	80.5	77.4	93.9	261.2	0	-----	-----	8	Ci.-S.	Cu. ENE
27	N	NNE	NNE	NE	N	NNE	78.1	96.6	102.5	101.4	378.6	6	Ci.-S.	Cu.-N. ENE	2	-----	Cu. ENE
28	N	Calm	NE	NE	N	N	55.8	73.8	84.5	73.5	287.6	1	Ci.	Cu.	6	Ci.	Cu.-N.ENE
29	N	NNE	NNE	NNE	NNE	NNE	75.9	110.8	100.8	69.5	357	10	Ci.-S.	Fr.-N. NNE	4	-----	Cu. NE
30	N	NNE	NE	NE	NE	NNE	58.7	95.2	90.1	61.5	305.5	4	Ci.	Cu. NE	3	Ci.	Cu. ENE
31	N	NNE	N	NE	ENE	NNE	62.8	85.1	73.8	75.4	297.1	2	-----	Cu.	2	-----	Cu. NE
Mean	-----	-----	-----	-----	-----	-----	60.4	74.2	82.4	71.5	287.7	4.3	-----	-----	4.7	-----	-----

ATIMONAN.

[φ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	65.02	65.37	66.01	63.73	64.72	65.30	65.02	23.4	23.2	24.5	24.8	24.4	24.9	24.2	25.4	22.5	88	90	83	87	90	88	87.7	8.1
2	64.37	64.53	65.47	63.42	64.74	65.67	64.70	24.7	24.2	24.4	24.5	23.8	23.8	24.2	24.9	22.8	86	90	91	91	94	94	91	42.1
3	64.57	64.99	66.27	64.89	65.36	66.50	65.43	23.9	24	23.7	23.6	22.7	22.5	23.4	24.2	22	90	87	96	91	95	95	92.3	60.3
4	65.20	65.41	66.48	64.47	64.64	65.81	65.34	22.5	22.5	22.8	22.8	23.3	23.5	22.9	23.5	21.9	95	95	91	90	89	88	91.3	3.3
5	64.54	64.85	65.70	63.17	63.58	64.94	64.46	22.8	21.9	25.6	27	25.5	23.8	24.4	27.3	21.4	95	96	81	78	84	93	87.8	------
6	63.85	64.59	65.45	63.10	63.98	65.11	64.35	21.7	20.7	25.7	26.8	25.7	25.2	24.3	27	20.3	97	99	85	80	80	83	87.3	------
7	64.48	64.57	65.45	63.47	64.34	65.45	64.63	24.6	22.8	25.4	25.1	24.7	24	24.4	26.3	22.2	85	95	85	84	83	85	86.2	6.9
8	64.95	65.23	66.29	64.75	66.27	67.91	65.90	21.8	22.9	26.5	25.4	23.9	23.5	24	27.8	21.5	96	91	76	83	86	82	85.7	10.4
9	66.97	67.92	69.36	67.35	67.52	67.82	67.82	22.6	22.1	23.3	24.3	23.3	23.2	23.1	24.8	21	86	83	71	66	74	73	75.5	.3
10	66.43	66.83	67.87	65.80	66.19	66.40	66.59	23	23	24.2	24.7	23	23	23.5	26.4	22	72	71	73	70	77	74	72.8	------
11	65.17	65.06	66.09	63.72	63.89	64.41	64.72	23	22.4	25.7	25.2	24	23.5	24	26.9	21.8	74	79	67	67	77	82	74.3	------
12	63.23	63.31	63.85	62.39	62.97	63.78	63.26	23.2	23.8	25.9	27	25.4	23.8	24.8	27.6	22.8	86	85	80	76	82	94	83.8	7.6
13	62.78	63.17	63.55	61.73	62.61	63.01	62.81	23.8	24	25.7	25.4	24.6	24.9	24.7	27.1	23.1	88	87	83	85	92	90	87.5	23.1
14	62.07	62.46	63.39	61.92	63.07	63.32	62.70	24.4	24.6	25	27	25.7	25.3	25.3	27.3	23.3	94	92	88	80	83	87	87.3	1
15	62.63	63.77	64.17	62.29	63.42	63.89	63.36	25	24.4	24.9	25.2	24	24.2	24.6	25.4	22.6	89	93	80	83	96	89	88.3	12.4
16	62.84	63.72	64.38	62.55	63.97	64.19	63.61	23.4	24	26.5	27.6	25.7	24.9	25.4	28	23	94	89	76	73	80	84	82.7	.5
17	63.12	64.17	64.83	62.62	63.71	64.71	63.86	24.3	24	26.9	27.5	25.7	25	25.6	27.8	23.5	84	83	72	70	78	83	78.3	------
18	63.03	63.87	64.43	62	62.83	63.46	63.27	24.3	24.2	26.5	25.9	25.4	25	25.2	27.4	23.8	85	85	73	77	78	79	79.5	------
19	61.98	62.57	62.88	60.41	61.87	63.07	62.13	24.7	24.8	25.2	27.2	25.4	25	25.4	28.2	24	81	80	80	73	77	80	78.5	------
20	61.47	62.07	62.66	60.52	61.61	62.55	61.81	24.1	24.2	25.4	26.2	25.2	25	25	27.1	23.6	84	82	77	74	80	83	80	------
21	61.42	61.54	62.73	60.80	61.68	62.66	61.80	24.9	24.8	26.5	28	25.5	25.1	25.8	28.1	24.1	80	82	76	71	80	81	78.3	------
22	61.61	62.14	63.05	61.26	61.88	62.92	62.14	24.9	24.5	25.3	27.6	25.5	25	25.5	27.8	23.7	83	86	83	76	81	83	82	3.8
23	62.07	62.47	63.29	61.40	62.38	63.71	62.55	24	22.9	24.8	27.6	25.5	24.8	24.9	28	22.7	86	91	87	76	80	81	83.5	.3
24	62.73	62.86	63.62	61.22	61.98	62.75	62.53	24.5	24.5	27.5	28	25.7	25	25.9	28.5	24.1	81	82	76	75	79	80	78.8	------
25	61.06	62.03	62.93	60.91	61.35	62.66	61.82	24	20.7	26	27.7	26	24.9	24.9	28.4	20	80	91	72	70	75	79	77.8	------
26	61.83	61.97	63.03	61.90	62.52	63.95	62.53	24.2	24.2	26.8	27.1	25.7	25	25.5	28.5	23.9	79	78	72	70	75	76	75	1.5
27	63.09	63.22	63.49	62.05	62.47	63.37	62.95	24.8	24.7	26.2	27.8	25.5	25	25.7	28	23.7	77	82	75	68	76	80	76.3	------
28	62.43	62.63	63.08	60.99	61.05	62.06	62.04	24.5	24.4	26.6	28.2	25	24.8	25.6	28.6	24	79	80	76	69	83	79	77.7	------
29	61.64	61.89	62.59	60.97	61.22	62.19	61.75	23.8	21.3	26	25.1	24.3	24	24.1	27.1	20.7	79	90	76	81	81	90	82.8	1.8
30	61.33	61.53	62.28	60.59	61.07	62.27	61.51	23.7	20.5	25.8	26.8	26	25.2	24.7	28	20.1	84	95	75	77	82	86	83.2	------
31	61.69	62.23	62.79	60.44	61.09	62.23	61.74	23.4	22.8	26.3	27.6	26.4	24.4	25.2	29.7	22.5	90	93	77	71	77	91	83.2	.5
Mean	63.21	63.64	64.43	62.48	63.23	64.13	63.52	23.8	23.3	25.5	26.3	24.9	24.4	24.7	27.1	22.5	85.4	87.2	79.1	76.8	82.1	84.3	82.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	183.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NNE	NNE	NNE	N	234.4	235.2	240.6	229.1	939.3	10	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
2	N	N	NE	NNE	NE	NE	241.9	243.8	228	189.9	903.6	10	------------	Fr.-N. NE	10	------------	N. NE
3	NE	NE	NE	NNE	N	NE	255.6	227.2	209.7	183.7	876.2	10	Ci.-S.	N. NE	10	------------	N. NE
4	NE	NE	N	NE	NE	NE	191.7	207.4	141.9	84.7	625.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
5	Calm	N	N	N	N	Calm	31.1	46.1	89.5	50.7	217.4	9	Ci.	S.-Cu. ENE	4	Ci.	Cu. E
6	N	NW	NW	NW	NW	NW	48.1	66.8	99.6	53.3	267.8	1	Ci.	------------	3	------------	Cu.
7	NW	NW	N	N	N	NE	52.5	42.9	107	78.4	280.8	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
8	NE	NE	NE	NE	NE	NE	44	80.8	267.4	316.3	708.5	10	Ci., A.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
9	NE	NE	NE	NE	NE	NE	312.8	294.8	266.6	226.1	1,100.3	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. NE	Cu. NE
10	NE	NE	NE	NE	NE	NE	182.4	153.2	202.8	154.7	693.1	4	Ci.	S. NE	5	A.-Cu. NE	Cu. NE
11	NE	NE	NE	N	N	N	127.9	106.7	153.5	144	532.1	7	Ci.	S.-Cu. NE	4	A.-S.	Cu. NE
12	NE	NE	NE	NNE	NE	NE	69.5	115.6	155.6	130.1	470.8	4	Ci.	S.-Cu. NE	4	A.-Cu.	Cu. NE
13	NNE	NE	NE	N	N	N	82.1	73.2	116.5	134.1	405.9	4	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
14	NE	NE	N	N	N	NE	85.9	89	150.5	133.8	459.2	9	Ci.	S.-Cu. NE	8	Ci.-S. SSE	Cu. NE
15	N	N	N	N	N	N	152.9	169.2	161.7	137.4	621.2	8	A.-Cu. ENE	S.-Cu. NE	9	A.-Cu. E	S.-Cu. N
16	NE	NE	Calm	NE	NE	NE	82.6	22.8	173.8	100.6	379.8	9	Ci.	S.-Cu. N	2	Ci.	Cu.
17	NE	NE	NE	NE	NE	NE	76.7	113.3	178.4	122.3	490.7	6	Ci. W	Cu. NE	3	Ci.	Cu. NE
18	NE	NE	NE	N	N	N	74.6	101.1	145.3	131	452	1	Ci.	S.-Cu. NE	5	A.-Cu.	Cu. NE
19	N	N	N	N	NNE	N	116.7	85.3	121	105.4	428.4	9	Ci.-S.	S.-Cu. NE	6	Ci. WNW	Cu. NE
20	N	N	N	N	N	E	86.9	108.8	127.7	128.7	452.1	8	Ci.	S.-Cu. NE	8	Ci.	Cu. NE
21	N	N	N	NNE	NE	NE	136.6	162.8	145.6	131.8	576.8	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. NE
22	NE	NE	N	NNE	NE	NE	125.3	114.8	166.4	-----	-------	9	Ci.	S.-Cu. NE	7	Ci. W	Cu. NNE
23	E	NE	Calm	NE	NE	NE	-----	-----	145.6	106.8	-------	10	Ci.-S.	N. NE	10	Ci.-S.	Cu. NE
24	NE	NE	NE	NE	NE	NE	-----	138.7	180.7	98	-------	7	Ci.	Cu. NE	8	A.-Cu.	Fr.-Cu. NE
25	Calm	NE	Calm	N	NE	NE	20.9	30.4	143.5	94.4	289.2	2	Ci.	S.	4	A.-Cu. NE	Cu. NE
26	NE	NE	NE	NE	NE	NE	95.3	131.4	-----	-----	-------	1	Ci.	S. NE	6	A.-Cu. NE	Cu. NE
27	N	N	N	N	N	NE	-----	-----	172.2	158	-------	10	Ci.-S.	S.-Cu. NE	4	Ci. S	Cu. NE
28	NE	NE	NE	NE	N	NE	101.6	79.5	140.6	74.3	396	4	Ci. S	S.-Cu. NE	4	Ci.	Cu. NE
29	E	Calm	NE	N	NE	NE	29.5	37.6	-----	-----	-------	3	Ci.	S.	9	A.-Cu. ENE	S.-Cu. NE
30	NE	SW	SW	NW	N	NE	-----	-----	102.7	52.1	-------	2	Ci.	S.	4	Ci.	Cu. NE
31	Calm	NW	NW	NW	NW	Calm	19	30.3	93.9	43.7	186.9	9	A.-Cu. ENE	S.	4	Ci.	Cu. NE
Mean	------	------	------	------	------	------	114	118.2	159.6	128.3	531.4	6.9	------------	------------	6.5	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.03	61.34	62.31	60.09	60.91	61.70	61.23	22.8	21.2	26	27.3	25.2	25	24.6	27.7	20.7	97	95	76	64	82	82	82.7	------
2	60.88	61.19	62.15	60.16	60.91	62.30	61.26	24.8	21.5	27	28.8	26	25.4	25.6	29.4	21.2	85	95	77	68	79	82	81	------
3	61.05	62.06	63	61.27	61.53	62.85	61.96	25	25	28.3	26.2	25.7	24.4	25.8	29.3	23.3	83	83	72	82	82	90	82	4.3
4	61.82	61.81	62.41	60.50	60.73	62.57	61.64	24.2	24	25.8	27.1	26.6	25.5	25.5	28.4	23.6	88	90	78	76	79	82	82.2	------
5	61.03	62.03	63.16	61.15	60.94	62.48	61.80	23.5	21	26.9	27.6	26.5	24.5	25	29.1	20.5	88	95	72	71	81	82	81.5	------
6	61.60	61.98	63.65	61.35	61.49	62.65	62.12	21.1	23.2	26.6	27.4	26.1	24.8	24.9	29.8	19.4	94	89	78	66	76	79	80.3	------
7	61.16	61.79	62.74	60.50	61.07	61.90	61.53	22.7	21.4	25.6	26.9	25.3	24.9	24.5	28.5	20.8	85	87	78	69	83	80	80.3	------
8	60.81	61.78	63.34	61.23	61.60	62.56	61.89	23.5	20.1	26.2	26.6	25.5	24.8	24.4	27.8	19.6	84	95	77	68	74	81	79.8	------
9	61.64	62.36	63.78	62.35	62.50	63.50	62.69	24.1	24	28.2	28.8	26	24	25.8	29.9	23.3	80	79	69	62	76	83	74.8	3.8
10	62.64	62.68	63.79	61.89	62.03	63.33	62.73	23.9	23.7	24	25.4	23.6	23.2	24	25.6	22.2	84	85	90	87	90	94	88.3	15.3
11	62.77	62.94	63.92	62.41	62.25	63.68	63	23	23.4	24.6	26	25	24.5	24.4	26.2	22.5	93	92	89	81	80	83	86.3	26.2
12	63.34	63.24	64.31	63.29	63.87	64.84	63.82	22.6	22.7	24.3	23	22.1	23.6	23	26.3	21	92	88	86	88	94	86	89	9.4
13	63.78	63.75	64.84	62.95	63.26	64.57	63.86	23.2	23.5	26.4	26.8	25	23.8	24.8	27.7	22.5	85	83	71	74	79	85	79.5	.3
14	63.67	64.29	65.15	62.90	63.52	64.37	63.98	23	22.8	24.8	26	25	24.1	24.3	26.8	22.4	89	88	81	72	76	78	80.7	------
15	63.58	63.43	64.51	62.46	62.81	63.86	63.44	23.9	23.4	26.8	27.4	26	24.5	25.3	29	22.3	79	80	71	64	72	77	73.8	------
16	63.16	63.69	64.95	62.30	63.06	64.25	63.57	23.7	23.6	26.6	28.2	25.4	24.7	25.4	28.9	22.3	77	73	71	63	74	79	72.8	------
17	62.85	62.97	64.57	62.09	62.39	63.28	63.02	24	21	26.8	27.1	25.1	21.8	24.3	29.3	20.5	80	93	73	63	78	92	79.8	------
18	62.95	63	64.51	62.75	62.70	63.82	63.29	20.3	18.6	27.3	26.4	25.5	24.5	23.8	28.6	18.3	92	96	72	66	68	75	78.2	------
19	62.76	63.20	64.14	61.96	62.20	63.56	62.97	20.3	18.6	26.4	27.1	26	24.7	23.8	28.8	18.3	92	97	73	60	69	78	78.2	------
20	62.93	63.02	63.97	61.62	61.79	62.55	62.65	23.2	19.5	26.4	27.6	25.8	25	24.6	30	19	86	95	69	62	67	80	76.5	------
21	61.85	62.17	63.01	61.42	61.86	63.02	62.22	21.4	20.7	26.3	28	26.3	21.4	24	29.4	20.1	93	94	67	63	70	86	78.8	------
22	61.87	61.68	62.27	60.14	60.75	62.23	61.49	22.7	23.6	26.8	26.8	26.3	21.7	24.6	28.5	19.9	81	79	71	67	76	89	77.2	------
23	61.74	62.09	62.95	60.94	60.47	61.81	61.67	20.4	19.4	25.6	27.2	26.2	22.1	23.5	29.7	18.9	93	95	79	74	70	91	83.7	------
24	61.24	61.34	62.87	61.04	61.25	62.25	61.66	20.9	19.5	26	28.5	26.2	25.2	24.4	29.4	19.1	92	95	76	70	79	82	82.3	------
25	61.21	61.78	62.78	60.72	61.06	62.25	61.63	24.3	21	27.4	27.7	25.8	24.9	25.2	29	20.7	86	95	75	68	78	80	80.3	7.4
26	61.56	62.10	63.61	61.80	62.20	63.60	62.48	24.7	21.6	26.7	25.4	25.5	25	24.8	27.5	21.3	77	92	81	85	83	83	83.5	------
27	62.71	63.32	64.58	62.45	62.14	64.13	63.22	23.8	21	27.4	27.5	26.8	24.9	25.2	29.4	20.7	82	95	68	66	77	80	78	------
28	63.57	63.72	64.86	62.69	62.78	64.40	63.67	21.5	23.9	28.3	28.6	26.5	25.3	25.7	29.8	19.6	91	87	72	72	76	82	80	------
Mean	62.19	62.53	63.65	61.66	61.93	63.15	62.52	22.9	21.9	26.4	27	25.6	24.2	24.7	28.6	20.9	86.7	89.6	75.4	70.4	77.4	82.9	80.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	66.7

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	NE	N	N	N	41.6	42.3	112	93.6	289.5	1	Ci.	S.	2	Ci.	Cu.
2	NW	NW	Calm	N	N	NE	37	33	104.6	121.7	296.3	1	Ci.	S.	6	A.-Cu. NE	Cu. NE
3	NE	NE	NE	N	NE	NE	77.8	-----	184.6	116.4	-------	10	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
4	NE	NE	NE	N	NNE	NE	68.9	31.4	74.5	-----	-------	10	Ci.-S.	S.-Cu. ENE	8	Ci.	Cu. ENE
5	NE	NE	NW	NW	NE	E	-----	-----	99.6	60.6	-------	3	Ci. S	-------------	4	Ci.	Cu. NE
6	E	NE	NE	N	NE	NE	50.7	38.3	108.9	66.6	264.5	4	Ci. WSW	Cu.	4	Ci.	Cu. NE
7	Calm	Calm	Calm	NNW	N	NE	29.8	22.2	115.6	91.5	259.1	4	Ci.	Cu.	7	Ci.-S. ESE	Cu. NE
8	Calm	W	Calm	NNW	NNW	N	54.9	41.3	71.6	65.8	233.6	6	Ci.-S.	Cu.	9	Ci.-S. SE	Cu.
9	N	NE	NE	NE	NE	N	53.7	58.1	136.8	100	348.6	2	Ci.	S. NE	7	Ci.-S. SW	Cu.
10	NE	NE	NE	NE	NE	NE	-----	85.9	173.6	163.1	-------	10	Ci.	S.-Cu., N.NE	10	Ci.	S.-Cu. NE
11	NE	NE	NE	NE	NE	NE	90.4	115.9	118.6	82.6	407.5	10	Ci.	N. NE	10	Ci.-S.	S.-Cu. NE
13	NE	NE	N	NE	NE	NE	62.6	75.3	149.1	112.7	399.7	9	A.-Cu. N	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
12	NE	NE	E	NE	NE	NE	73.8	79.5	148.6	99	400.9	4	Ci.	S.-Cu. NE	8	A.-Cu. NE	S.-Cu. NE
14	NE	NE	NE	NE	NE	NE	81.1	96.3	109.1	54.9	341.4	10	Ci.	S.-Cu. ENE	9	A.-Cu. E	S.-Cu. NE
15	NE	E	Calm	N	NE	NE	35.6	35.6	119.1	68.4	258.7	9	A.-Cu. E	S.	4	Ci.	Cu. NE
16	NE	NE	ENE	NNE	NE	NE	56.9	41.2	145.1	112.4	355.6	1	Ci.	Cu.	2	-------------	Cu.
17	NE	E	E	N	NW	N	42.6	33.2	71.4	43.8	191	7	A.-Cu. E	S.-Cu. ENE	4	Ci.	Cu. ENE
18	N	W	NE	NNW	N	N	51.7	43.2	100.8	58.7	254.4	1	-------------	S.	2	-------------	Cu.
19	NW	NW	N	NNW	NNE	NE	54.7	41.6	111.6	126.5	334.4	3	-------------	S.-Cu. ENE	2	A.-Cu.	Cu.
20	Calm	NW	NE	E	N	NE	54.5	46.4	77.5	47.2	225.6	1	-------------	S.	2	A.-Cu. NE	Cu.
21	E	NE	E	NE	NE	N	45.9	63.1	89.1	52.8	250.9	1	A.-S.	Cu.	8	A.-Cu. ENE	Cu.
22	NE	NE	Calm	NW	W	NW	60.4	29.5	78.9	38.6	207.4	1	Ci.	Cu.	7	Ci.	Cu. SE
23	NW	NW	NW	NW	WNW	NW	59.5	60.9	45.9	66.3	232.6	7	Ci.	S.-Cu. NE	4	Ci.	Cu.
24	W	W	NW	N	NE	NE	81.5	69.2	118.6	81.8	351.1	6	Ci W	S.	4	Ci.	Cu. N
25	Calm	W	Calm	NW	N	N	40.7	36.7	102.5	84.7	264.6	3	Ci.	S.-Cu. NE	4	-------------	Cu.
26	N	W	Calm	NW	NE	E	63.6	41	118.6	57.6	280.8	9	A.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
27	Calm	NE	NE	NW	NE	E	21.9	34.9	114.3	52.5	223.6	9	A.-Cu. ENE	S.-Cu. E	4	Ci.	Cu. E
28	NE	NE	NE	NE	NNE	NE	45.6	63.9	151.9	146.4	407.8	7	Ci.	S.-Cu. E	8	A.-Cu. E	Cu. ENE
Mean	------	------	------	------	------	------	55.3	52.3	112.6	83.9	295	5.3	-------------	-------------	6	-------------	-------------

ATIMONAN.

[φ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.28	63.57	64.53	63	63.05	64.66	63.68	25	25	25.8	26.2	25.4	25.6	25.5	26.6	24.1	88	88	84	85	88	87	86.7	7.9
2	63.36	63.78	65.07	62.80	63.51	64.68	63.87	24.8	24.5	24.4	28.5	26.1	25.2	25.6	28.6	23.1	91	92	87	70	75	81	82.7	1.3
3	63.41	63.54	64.38	62.35	62.36	62.68	63.12	24.8	24.5	28.3	28.8	26	25.6	26.3	29.6	24.1	79	79	70	64	76	76	74	.8
4	61.35	61.52	62.55	60.23	60.22	61.13	61.17	25.5	24.5	27.8	27.8	26	24.8	26.1	28.2	23.9	77	84	74	74	80	86	79.2	------
5	59.88	60.01	60.72	58.56	59.19	60.26	59.77	25.3	25	29.3	26.8	26	25.4	26.3	30.5	24.4	86	88	73	89	89	91	86	3.8
6	58.70	59.09	60.16	57.70	58.65	59.76	59.01	24.4	23.9	28.7	31.4	28	26	27.1	31.9	23.5	94	95	72	59	83	91	82.3	------
7	58.87	59.26	60.31	58.37	58.85	60.16	59.30	23.5	22.6	27.1	29	27.6	26.6	26.1	29.4	22.4	96	97	85	74	84	88	87.3	------
8	58.98	59.96	60.87	58.43	58.92	60.55	59.62	26.2	24.6	28.2	28.3	27.6	26.4	26.9	30.4	24.2	87	95	78	78	84	89	85.2	------
9	59.63	59.65	61.03	58.86	59.02	60.45	59.77	23.9	23	27.1	29	27	26.6	26.1	29.5	22.5	94	98	79	71	80	84	84.3	------
10	59.30	60.11	61.81	59.58	59.27	60.42	60.08	25.7	25.4	29	30.2	27	25.4	27.1	31.3	24.8	86	84	71	63	73	78	75.8	------
11	59.32	59.93	61.22	59.31	59.37	60.28	59.90	24.5	20	27	28	27	25.5	25.3	28.8	19.7	76	93	70	79	77	81	79.3	------
12	59.65	60.58	61.67	59.92	59.80	61.23	60.48	21.6	20.2	26.5	28.6	26.7	22.2	24.3	29.2	19.8	93	94	74	63	72	92	81.3	------
13	60.34	60.83	62.70	60.65	59.85	61.74	61.02	20.8	20.7	26.9	28.7	27.1	22	24.4	29.2	20.2	96	94	80	71	73	98	85.3	------
14	60.83	61.27	62.87	60.98	61.26	62.70	61.65	21.1	21	26.9	29.2	27.3	26.1	25.3	30.7	20.6	95	95	80	68	78	82	83	------
15	61.60	62.58	63.70	61.97	62.23	62.87	62.49	25.7	25.7	30.2	28	25.5	24.9	26.7	31.8	24.2	84	82	66	77	80	89	79.7	------
16	61.52	61.90	63.16	61.60	61.33	63.08	62.10	25.6	25.9	28.9	28	27	24.4	26.6	31.4	23.9	84	81	69	73	77	86	78.3	6.9
17	62.11	62.75	64.42	62.72	62.87	64.28	63.19	24.3	25	27.9	28.5	27.1	26.3	26.5	30.5	23.7	90	87	74	66	78	86	80.2	------
18	63.65	64.16	65.48	63.06	63.27	64.83	64.08	26	25.6	28.5	31	27.5	26.5	27.5	31.8	25.2	86	87	69	64	77	80	77.2	------
19	63.67	63.95	64.82	62.18	62.11	62.96	63.28	25.3	24.6	29.5	28.5	27	26.4	26.9	30.4	24.2	82	82	66	57	73	79	73.2	------
20	61.15	61.73	62.67	59.95	59.71	60.86	61.01	25.4	23	27.8	28	27.6	26.3	26.4	30	22.6	81	91	72	74	79	80	79.5	------
21	59.63	60.44	61.77	59.44	59.59	60.85	60.29	25.2	21.5	28.8	28.5	27.7	26.3	26.3	30.4	20.4	74	93	69	66	69	82	75.5	------
22	59.85	60.18	61.67	59.38	59.66	61.26	60.33	25.4	26	29.8	29.1	27.5	26.5	27.4	30.6	24.2	88	84	71	68	77	81	78.2	------
23	60	60.63	61.57	59.50	59.77	61.11	60.43	26.2	24	28.2	31.3	27.7	26.6	27.3	31.8	23.6	86	91	73	59	70	79	76.3	------
24	60.07	60.48	62.30	59.96	59.85	61.40	60.68	26.2	26	29.2	28.4	27.4	26.8	27.3	30.2	25.7	82	84	72	80	82	82	80.3	------
25	60.42	61.17	62.63	60.25	60.35	61.40	61.04	25.4	22	29.2	28.5	27.4	26.8	26.6	30.5	21.6	84	93	66	68	77	78	77.7	3.8
26	60.21	60.36	61.82	60.24	60.41	61.86	60.82	25.7	25	29.5	30.7	27.5	26.4	27.5	32.3	24.8	85	88	66	63	76	76	75.7	------
27	60.56	61.05	62.50	60.31	60.44	61.87	61.12	25.8	26	29.8	30.3	27.5	26.6	27.7	31.8	25.2	75	75	62	63	69	75	69.8	------
28	60.70	61.31	62.73	60.84	60.79	62.72	61.52	26.1	26	28.4	29.1	27	26.4	27.2	29.8	25.6	74	75	68	68	78	81	74	------
29	61.65	62.06	63.04	60.21	60.31	61.72	61.50	25.8	25.6	29.5	30.9	28.5	26.6	27.8	31.4	25.3	76	75	69	65	72	78	72.5	------
30	60.80	60.87	61.82	59.60	59.35	60.17	60.44	26	25.4	30.2	28.6	27.5	22.7	26.7	31.8	21.8	81	84	64	62	70	89	75	------
31	59.96	60.24	60.65	58.27	58.46	59.68	59.54	21	20	29.2	28.5	27.5	26.3	25.4	30.6	19.6	95	95	64	65	70	78	77.8	------
Mean	60.79	61.26	62.47	60.33	60.45	61.73	61.17	24.8	23.9	28.3	28.9	27.1	25.7	26.5	30.4	23.2	85.3	87.8	72.2	69.2	77	83.3	79.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	24.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	N	NW	NW	NNE	93.5	94.4	142.6	133.1	463.6	10	Ci.-S.	S.-Cu. ENE	10	A.-Cu.	S.-Cu. NNE
2	NE	NE	NE	NNE	NNE	NE	77.5	74.5	160.4	157.7	470.1	10	Ci.-S.	S.-Cu. NNE	4	A.-Cu.	Cu. NNE
3	NNE	NE	NE	NNE	NNE	NE	142.7	131	162	124.9	560.6	5	Ci.	S.-Cu. NE	4	Ci. WNW	Cu. NE
4	N	N	N	N	N	N	130.2	125.2	137.3	115.7	508.4	10	Ci.	S.-Cu. N	9	A.-Cu. NE	Cu. NE
5	NE	NE	NNE	NNE	NE	NE	77.2	35.2	99.5	61.8	273.7	9	Ci.	S.-Cu. E	10	A.-Cu.	N. NE
6	NE	Calm	S	S	Calm	Calm	23.3	39.2	48.3	24.1	134.9	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. SE
7	S	S	S	NW	NNW	N	45.1	36.2	88.8	56.3	226.4	3	Ci.	Cu.	5	A.-Cu. E	Cu. NE
8	N	Calm	Calm	NW	N	NE	25.9	22.5	103.5	39.2	191.1	6	Ci. NE	S.-Cu. NE	4	Ci.	Cu. N
9	NE	NE	NE	NW	N	NE	39.1	46.9	102.4	103.6	292	2	Ci.	S.-Cu.	4	A.-Cu. E	Cu. E
10	NE	NE	Calm	NE	NE	NE	93.6	31.1	101.6	56.9	283.2	1	------	Cu.	3	------	Cu.
11	NE	NE	Calm	NNW	N	N	44.8	36	111.6	38.1	230.5	1	------	S.	3	------	Cu.
12	N	WSW	NW	NW	Calm	W	57.9	55.3	89.3	59	261.5	0	------	S.	1	------	Cu.
13	W	WSW	NW	NW	NW	W	82.7	54.2	89.6	56.1	282.6	1	A.-S.	S.	1	------	Cu.
14	W	W	N	N	N	NE	61.2	83.7	138.9	77.5	361.3	5	Ci.	S.-Cu. NNE	2	------	Cu.
15	NE	Calm	NE	NE	NE	NE	59.5	64.1	164.7	80.3	368.6	4	A.-Cu. NE	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
16	NE	NE	NE	NE	NE	N	157.2	207.4	181.6	127.1	673.3	6	A.-S.	S.-Cu. ENE	9	A.-Cu.	S.-Cu. NE
17	ENE	NE	NE	N	N	NE	96.3	121.8	128.9	127.4	474.4	9	A.-Cu. NE	S.-Cu. NE	4	A.-Cu. E	Cu. NE
18	N	NE	NE	N	NE	NE	91.9	43.7	125.5	137.3	398.4	6	Ci. E	S.-Cu. ENE	5	Ci.	Cu. E
19	NE	Calm	NE	N	NNE	NE	46.5	50.4	122.1	64.2	283.2	1	Ci.	S.	4	Ci. ESE	Cu.
20	Calm	NE	N	NNW	N	N	30	44.3	104.3	68.1	246.7	5	Ci.	S.-Cu. NE	9	Ci.-S. S	Cu. NE
21	N	NNW	Calm	NNW	N	N	55	43.8	117.8	61.8	278.4	4	Ci. S	S. NE	3	Ci.	Cu.
22	Calm	N	Calm	N	N	N	28.7	40.7	111	89.5	269.9	6	A.-Cu. NE	S.-Cu. NE	4	Ci.	Cu. NE
23	N	N	Calm	N	N	N	45.6	33	134.4	57.6	270.6	5	A.-Cu. E	S.-Cu. NE	1	------	Cu.
24	N	N	N	NW	N	NE	38.8	41	192.5	119.3	391.6	4	Ci.	S. NE	4	Ci.	Cu. NE
25	NE	NE	N	N	N	NE	44.8	45.1	162.9	131.2	384	1	------	Fr.-Cu. NE	3	------	Fr.-Cu. NE
26	N	NE	NE	NE	NE	NE	79.9	86.3	209.5	104.1	479.8	9	Ci.	S.-Cu. NE	4	A.-Cu. NE	Cu. NE
27	NE	NE	NE	NE	NE	NE	93.3	194.4	207.6	163.6	658.9	4	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
28	NE	NE	NE	NNE	NNE	NE	158.7	188	182.2	113.2	642.1	4	A.-S.	S. NE	7	Ci.	Cu. NE
29	NE	NE	Calm	NNE	NNE	N	61	44.5	135.4	79.7	320.6	6	A.-Cu. E	S.-Cu. NE	4	A.-Cu. E	Cu. NE
30	NE	NE	NE	N	N	N	63.3	48.3	108.8	47	267.4	4	Ci.	S.-Cu. NE	1	Ci.	Cu.
31	NW	NW	N	NW	N	N	60.2	60.1	118.5	65.2	304	1	Ci.	Cu.	1	Ci.	Cu.
Mean	------	------	------	------	------	------	71.1	71.7	131.7	88.4	363	4.9	------	------	4.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,251.8	------	------	------	------	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58. 55	59. 53	60. 73	58. 91	59. 41	60. 72	59. 64	24	21. 5	29. 5	30. 6	28. 2	27. 1	26. 8	31. 8	21. 2	88	94	68	65	72	76	77. 2	------
2	59. 53	60. 33	61. 54	60. 01	60. 17	61. 81	60. 56	26. 2	26	30. 2	28. 5	28	26. 5	27. 6	31. 9	25. 5	80	78	62	66	70	80	72. 7	------
3	60. 16	60. 42	61. 54	59. 99	60. 42	61. 47	60. 67	26. 3	26. 8	27. 3	27. 2	27. 2	26. 8	26. 9	29	26	85	84	81	81	82	86	83. 2	------
4	59. 95	60. 21	61. 37	59. 62	59. 70	61. 50	60. 39	26. 4	26. 5	29. 4	26. 7	27. 5	26. 8	27. 2	30. 5	25. 9	87	88	79	86	84	88	85. 3	------
5	59. 92	60. 47	61. 96	60. 01	60. 34	61. 63	60. 72	26. 9	26. 2	25. 4	25. 8	26	26. 3	26. 1	27. 4	24. 7	86	90	84	81	89	89	86. 5	15.2
6	59. 52	59. 67	61. 09	58. 60	59. 10	60. 72	59. 78	25. 6	24. 8	28. 1	28. 8	27. 9	26. 5	27	30. 6	24. 6	88	93	74	74	82	89	83. 3	1
7	58. 99	59. 98	61. 15	58. 53	58. 87	60. 60	59. 69	26. 1	24. 8	27. 4	29	28	27	27	30. 5	24. 5	87	94	81	74	77	84	82. 8	------
8	59. 82	60. 68	61. 95	60. 49	60. 65	62. 37	60. 99	26. 6	26	27	28. 1	27. 5	26. 8	27	29. 9	24. 6	92	93	83	77	84	86	85. 8	25.4
9	60. 88	61. 38	63. 59	61. 81	62. 22	63. 87	62. 29	26	26	25. 5	25. 5	25	24. 2	25. 4	26. 9	23. 9	90	89	92	91	91	96	91. 5	55.2
10	62. 02	62. 12	63. 53	61. 37	61. 71	62. 77	62. 25	25	25. 5	26. 5	27. 3	26. 5	25. 8	26. 1	29. 2	24. 4	93	91	81	79	79	83	84. 3	------
11	61. 10	61. 25	61. 91	59. 72	59. 34	60. 78	60. 68	25. 6	25	27. 5	29. 2	27. 6	26	26. 8	29. 8	24. 6	80	81	73	71	76	81	77	------
12	59. 35	59. 92	60. 79	58. 85	59. 22	60. 26	59. 73	25. 4	24. 1	29. 2	28. 5	27. 9	27	27	30. 3	23. 6	81	89	70	68	69	75	75. 3	------
13	59. 65	59. 83	60. 79	59. 13	59. 36	60. 77	59. 92	24	26	28. 8	29. 5	28. 5	24. 1	26. 8	31	22. 9	90	82	71	64	76	91	79	------
14	59. 84	60. 43	61. 52	59. 39	59. 45	61. 20	60. 30	22. 7	22. 3	28	29. 6	28. 4	25	26	31. 7	22	94	95	75	71	71	89	82. 5	------
15	60. 39	60. 98	62. 42	60. 60	60. 97	62. 03	61. 23	24. 9	24. 9	28. 9	28. 7	28. 3	25	26. 8	30. 6	24. 5	92	92	78	79	75	91	84. 5	------
16	60. 92	61. 23	61. 92	59. 41	59. 19	60. 34	60. 50	26. 6	26. 6	30. 1	29. 5	29. 1	24. 5	27. 7	31. 1	23. 2	85	86	71	64	71	89	77. 7	------
17	59. 31	59. 99	60. 75	58. 34	58. 43	60. 16	59. 50	23. 6	23. 5	30. 1	31. 8	28. 6	25. 3	27. 2	33. 3	23	95	94	71	62	76	92	81. 7	------
18	59. 29	59. 61	60. 59	58. 75	59. 52	61. 17	59. 82	24	23. 4	28. 7	30. 4	28. 8	27. 8	27. 2	31. 4	22. 9	92	95	73	70	79	83	82	------
19	59. 43	60. 51	61. 62	59. 26	59. 62	61. 32	60. 29	25. 4	24. 2	30	32. 3	28. 9	28	28. 1	32. 8	23. 6	95	94	72	67	81	85	82. 3	------
20	60. 80	61. 45	62. 80	61. 11	61. 67	63. 15	61. 83	27. 6	27. 5	29. 1	28. 1	28. 6	27. 7	28. 1	31. 3	26. 6	85	84	71	85	81	88	82. 3	3.3
21	61. 55	62. 45	63. 40	61. 10	61. 61	62. 84	62. 16	27. 4	27	30. 4	31. 3	28. 6	27. 7	28. 7	32. 5	26. 4	87	87	76	69	78	79	79. 3	------
22	60. 53	60. 36	61. 89	59. 96	60. 22	61. 22	60. 70	27. 7	27. 1	27	27	26. 5	27	27	28. 8	25. 9	86	88	92	91	92	86	89. 2	11.5
23	59. 75	60. 39	61. 31	59. 11	58. 16	60. 87	59. 93	25. 6	24	28. 7	30. 9	29. 2	25. 7	27. 4	32. 3	23. 6	93	97	72	65	77	91	82. 5	------
24	59. 09	59. 79	61. 31	59. 10	59. 69	60. 96	59. 99	24. 2	24. 1	30. 4	31. 5	29	28	27. 9	32. 4	23. 7	97	96	76	68	74	83	82. 3	------
25	59. 63	60. 03	61. 19	59. 34	59. 71	60. 95	60. 14	25. 3	24. 5	31. 4	30	29	28. 4	28. 1	31. 6	24. 1	93	96	72	77	78	85	83. 5	-----
26	60. 10	61. 11	61. 97	59. 52	59. 33	60. 44	60. 41	26. 1	24. 6	30. 5	31	30	28. 2	28. 4	32	24	93	95	71	66	75	82	80. 3	------
27	59. 78	60. 48	61. 27	59. 42	59. 33	60. 59	60. 14	25. 8	24	31	31. 4	29. 4	28. 1	28. 3	32. 5	23. 8	89	96	67	63	72	80	77. 8	------
28	59. 91	59. 81	60. 30	58. 22	58. 53	59. 86	59. 44	27. 4	27. 6	31. 5	31. 7	29. 1	28. 5	29. 3	32. 6	25. 4	85	85	67	68	68	81	75. 7	------
29	58. 77	58. 87	59. 70	58. 40	58. 33	59. 49	58. 93	28	27. 5	31. 5	33	29. 5	27. 9	29. 6	33. 7	24. 7	84	83	63	61	75	77	73. 8	------
30	58. 69	59. 67	60. 69	59. 05	58. 77	60. 47	59. 56	23. 7	22. 8	30. 2	30	29. 3	28. 5	27. 4	31. 4	22. 1	96	94	61	71	75	78	79. 2	------
Mean	59. 91	60. 43	61. 55	59. 57	59. 77	61. 21	60. 41	25. 7	25. 2	29	29. 4	28. 2	26. 7	27. 4	31	24. 2	88. 9	90. 1	74. 2	72. 5	77. 6	84. 8	81. 4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	111.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NW	NW	N	NE	NE	42. 6	37. 2	137. 4	87. 2	304. 4	1	Ci.	Cu.	7	A.-Cu. E	Cu. NE
2	NE	NE	NE	N	N	N	62. 6	59. 3	130. 4	92. 5	344. 8	8	A.-Cu. E	S.-Cu. NE	2	Ci.	Cu.
3	N	N	NE	N	N	N	84. 2	78. 3	184. 8	130. 2	477. 5	8	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
4	N	Calm	Calm	N	N	N	66. 3	58. 9	99. 6	71. 8	296. 6	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
5	N	N	N	NE	NE	N	77. 5	99. 5	104. 3	96. 8	378. 1	9	Ci.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
6	NE	Calm	NE	N	NE	NE	52. 3	30. 6	108. 6	97. 7	289. 2	6	A.-Cu. ENE	S.-Cu. NE	6	Ci.-S.	Cu. ENE
7	N	N	NNW	NNW	NNW	N	64. 4	56. 8	69. 5	68. 4	259. 1	6	Ci.	S.-Cu. NE	6	Ci.-S.	Cu.
8	N	N	N	N	N	NE	72. 4	111	136. 5	137. 8	457. 7	10	Ci.	N. NE	4	Ci.	Cu. NE
9	NE	NE	NE	NNE	NE	NE	79. 4	117. 7	231. 2	160. 9	589. 2	10	Ci.	S.-Cu. NE	10	Ci.-S.	N. NE
10	NE	NE	NE	NE	NE	NE	210. 8	178. 3	152. 7	107. 8	649. 6	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
11	NE	NE	NE	NE	NE	NE	66. 2	72. 4	118. 6	94. 7	351. 9	6	A.-Cu. NE	S.	4	Ci.	Cu. NE
12	NE	Calm	Calm	NE	N	N	44. 5	32. 2	100. 9	70. 3	247. 9	9	A.-Cu. NNW	------------	4	Ci.	Cu.
13	N	N	Calm	NNW	Calm	NNW	47	41	85	54. 9	227. 9	9	A.-Cu. NNE	Cu.	2	Ci.	Cu.
14	W	WSW	NW	NW	NW	W	74. 3	41. 6	61. 4	43. 8	221. 1	4	Ci.	S.-Cu. N	6	Ci. SW	Cu. NW
15	N	N	NNW	NW	N	NW	40. 8	64. 6	115. 1	47. 5	268	8	Ci.	S.-Cu. NE	6	Ci.-S. S	Cu. NE
16	N	Calm	Calm	NNW	Calm	W	52. 5	34. 6	83. 4	54. 4	224. 9	6	Ci.	S.-Cu. NE	3	Ci.	Cu.
17	W	WSW	Calm	W	Calm	W	64. 4	40	44. 8	45. 6	194. 8	5	A.-Cu. NE	S.-Cu.	6	Ci.	Cu.-N.SW
18	W	WSW	NW	NW	N	NE	52. 8	39. 1	113. 5	65. 2	270. 6	3	Ci.	Cu.	4	Ci.	Cu.
19	Calm	NW	Calm	N	NNE	N	34. 6	80. 4	118. 9	121. 8	305. 7	3	Ci.	S. NE	5	Ci.	Cu. NE
20	NNE	NE	NE	NW	N	NE	77. 8	70. 2	145. 4	102. 5	395. 9	9	A.-Cu. ENE	S.-Cu. NE	9	Ci.	S.-Cu. NE
21	NE	Calm	Calm	NNE	NE	NE	63. 1	44. 1	147. 9	95. 5	350. 6	9	A.-Cu. SE	S.-Cu. NE	9	Ci.-S. SE	Cu. NE
22	NE	N	NE	NE	NE	NE	122. 1	127. 6	119. 1	79. 7	448. 5	9	Ci.	S.-Cu. NNE	10	Ci.-S.	N. NNE
23	Calm	N	N	N	N	NW	33. 2	39. 1	61. 2	37. 6	171. 1	7	A.-Cu. E	Cu.	5	Ci.-S.	Cu. SE
24	NW	NW	Calm	NNW	N	Calm	43. 2	33. 6	85. 3	60. 6	222. 7	4	Ci.	Cu. NE	3	Ci.	Cu.
25	NW	NW	NW	NW	N	N	57. 7	45. 9	107. 5	62	273. 1	4	Ci.	Cu. E	4	Ci.	Cu.
26	N	NW	Calm	NW	N	NE	43. 5	37. 8	95	39. 2	215. 5	7	Ci.	S.-Cu. E	4	Ci. E	Cu. E
27	N	NNW	Calm	N	N	N	43. 7	34. 6	114. 8	45. 7	238. 8	4	A.-Cu. E	S.	3	Ci.	Cu.
28	N	NE	NE	N	N	N	83. 7	52. 1	92. 8	88. 2	316. 8	5	Ci.	S.-Cu. ENE	7	Ci.	Cu. NE
29	NE	NE	NE	NE	NE	NE	76. 4	64. 1	107. 2	69. 5	317. 2	7	Ci. W	Cu. ENE	4	Ci.	Cu. NE
30	NE	NNW	Calm	NNW	N	NE	54. 5	34. 6	112	91. 9	293	5	Ci. W	Fr.-Cu. NE	8	Ci.	S.-Cu. EbyN
Mean	------	------	------	------	------	------	66. 3	60. 2	112. 8	80. 7	320. 1	6. 7	------------	------------	6	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9, 602. 2	----	------------	------------	----	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.47	60.37	61.23	59.09	59.09	60.87	60.02	27.5	24.5	31	31.5	29.5	28	28.7	32.8	24	79	91	65	61	75	81	75.3	------
2	60.09	60.99	62.07	59.89	60.15	61.77	60.83	24.7	23.3	29	30.7	29.4	28.6	27.6	32.3	23.1	92	96	68	72	75	80	80.5	------
3	60.83	60.83	61.61	59.38	59.58	61.06	60.55	27.4	25.5	31.1	31.8	29.4	28.5	29	32.8	25	85	89	66	66	78	81	77.5	------
4	59.90	60	60.49	58.17	58.70	60	59.54	27.9	27.6	31.5	32.1	29	28	29.4	33.2	27.1	82	83	67	66	78	82	76.3	------
5	58.57	58.67	59.14	56.59	57.24	59.98	58.36	27	25.4	30.7	31.5	29.4	22.1	27.7	32.7	21.9	86	89	69	65	74	91	79	6.6
6	58.50	59	59.29	57.23	57.71	59.65	58.56	23.1	23.5	30.2	30.5	29.5	28.3	27.5	31.8	22.7	99	97	68	63	72	83	80.3	------
7	58.80	59.25	60.70	59.01	59.25	61.07	59.68	27.6	27.6	31.9	30.8	29.3	28.5	29.3	32.7	26.5	83	81	61	62	72	80	73.2	------
8	58.77	59.22	60.42	58.14	58.63	59.80	59.16	28.2	27.2	29.6	32.3	27.7	27.5	28.8	32.4	26.1	85	87	75	67	86	90	81.7	5.4
9	58.49	58.09	58.40	56.39	56.50	57.72	57.60	25	24.4	30.9	31.5	29.9	28.5	28.4	32.8	23.9	96	97	74	68	79	82	82.7	------
10	56.30	56.40	57.12	55.24	55.97	56.90	56.32	25.9	25	30.6	31.4	28.7	26.9	28.1	33.8	24.4	93	93	77	73	85	90	85.2	26.7
11	56.35	56.96	57.71	56.58	57.15	58.66	57.24	25.6	26	28.5	30	29	28.2	27.9	31	24.9	96	94	78	76	81	83	84.7	------
12	57.93	58.83	59.49	58.17	58.59	59.87	58.81	27.3	27.6	31	32.9	29.3	28.3	29.4	33.8	26	87	86	70	64	76	80	77.2	------
13	58.57	59.38	59.85	58.84	59	60.41	59.34	27.4	27.5	30.6	31.8	29.5	28.5	29.2	32.8	26.8	85	82	69	65	76	81	76.3	------
14	59.15	59.16	60.38	58.72	59.01	60.92	59.56	27.6	27.4	29.6	32	29.5	28.7	29.1	33.3	26.7	82	82	69	66	75	83	76.2	------
15	59.10	59.80	60.28	58.78	58.40	60.12	59.41	27.9	26.5	31	31	30.7	28.5	29.3	32.9	26.1	86	90	67	62	70	82	76.2	------
16	59.13	59.63	60.10	58.22	58.40	60.32	59.30	25.8	24.6	31.3	31.2	30	26	28.2	33.5	24.2	88	94	65	64	71	89	78.5	------
17	59.18	59.88	59.89	58.16	58.77	60.64	59.42	24.7	24.2	31.1	31.9	31	27.4	28.4	32.8	23.6	93	94	67	65	72	85	79.3	------
18	59.10	59.93	60.31	57.97	59.17	60.49	59.50	25.4	25	28.7	30.5	26	24.5	26.7	33.6	23.8	89	92	80	74	80	92	84.5	1
19	58.76	59.69	60.10	57.53	57.90	59.58	58.93	24	24	30.4	31.5	29.6	26	27.6	33.1	23.1	95	94	75	73	75	94	84.3	34
20	58.63	58.99	59.51	57.62	57.80	60.04	58.76	25.3	24.1	28.9	30.2	30	24.3	27.1	32.5	23.8	93	97	83	74	78	93	86.3	1.5
21	58.68	59.48	60.31	58.82	59.43	61.42	59.69	24.4	24.4	30	31.1	30.2	27	27.8	33.4	23.7	97	97	73	71	72	89	83.2	------
22	60.81	60.97	61.45	59.73	60.04	61.67	60.78	25.2	25	30.8	31.4	29.6	28.6	28.4	31.8	24.3	95	94	75	72	76	80	82	------
23	60.02	60.53	61.15	58.93	58.59	60.11	59.89	27.8	25	31	30.6	30.3	29	29	32.5	24.9	77	90	69	66	74	80	76	------
24	58.53	59.43	59.65	57.70	57.73	59.41	58.74	25.8	24.8	30.6	33.1	30.8	26	28.5	33.9	24.4	93	95	73	65	72	89	81.2	------
25	58.26	57.66	59.30	58.31	58.28	59.71	58.59	24.8	24.6	30.4	29.7	30	29	28.1	32.6	23.9	93	95	70	75	77	80	81.7	6.1
26	58	58.90	59.72	58.58	57.36	58.94	58.58	27.8	25	27.5	28	29.4	29	27.8	30.1	24.7	84	90	87	79	81	83	84	18.1
27	57.82	57.36	57.49	56.19	55.75	57.35	56.99	27.9	28.5	29.5	30.7	30	29	29.3	32.3	25	87	85	78	62	73	77	77	------
28	55.73	55.84	56.32	54.12	54.60	56.34	55.49	24.8	24.5	30.5	31.8	29.6	26.4	27.9	32.6	23.9	93	94	68	60	77	89	80.2	.3
29	55.17	55.47	55.74	54.03	54.83	56.43	55.28	25.6	25.6	28.5	30.6	30	26.5	27.8	32.2	25.1	93	94	80	68	75	90	83.3	1.6
30	55.39	56.23	55.89	54.35	54.60	56.22	55.45	25.5	25.5	29.5	30.7	30	26.6	28	31.4	24.6	93	93	73	69	75	91	82.3	------
31	54.51	54.82	54.53	52.67	52.51	54.29	53.89	25.7	25.2	31.5	32.5	30.6	28.7	29	33.3	24.8	90	91	64	62	65	73	74.2	9.1
Mean	58.34	58.77	59.34	57.52	57.77	59.41	58.52	26.1	25.5	30.2	31.2	29.6	27.5	28.4	32.7	24.6	89.3	91.2	71.7	67.6	75.6	84.6	80	------
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	110.4

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	NE	N	Calm	N	NE	NE	38.3	29.5	120.7	70.3	258.8	5	Ci. W	Cu. E	4	Ci.	Cu. NE	
2	NE	N	Calm	NNW	N	N	34.6	36.5	120.5	88.7	280.3	3	Ci.	Cu.	5	Ci.	Cu. NE	
3	N	N	Calm	N	NE	NE	33.5	37.3	128.4	109.9	309.1	4	Ci.	Cu. E	7	A.-Cu. NNE	Cu. N	
4	NE	NE	NE	NE	NE	NE	58.2	62.3	157.5	108	386	3	Ci.	Cu. NE	7	Ci.	Cu. NE	
5	NE	N	N	N	N	SW	35.1	38.9	112.7	96.4	283.1	1	Ci.	Cu.	6	A.-Cu. N	Cu. N	
6	SW	SW	Calm	NW	N	N	59.2	37.5	105.7	80.5	282.9	3	Ci.	Cu. NE	4	Ci.	Cu. SE	
7	N	N	NE	NE	NE	NE	76.6	76.2	131.4	92.8	377	7	Ci.	Cu. NE	4	Ci. SSW	Cu. N	
8	NE	N	NE	NE	NE	NE	106	120.7	79.1	31.1	336.9	9	Ci.	S.-Cu. NE	8	A.-Cu. NE	S.-Cu. NE	
9	N	W	NW	NW	N	Calm	53.9	41.2	99	35.4	229.5	3	Ci.	Cu.	4	Ci.	Cu.	
10	W	W	SE	NE	NE	NE	58.1	36.4	55	39.4	188.9	4	Ci. SW	Cu.	9	Ci.-S.	S.-Cu. NE	
11	W	NW	NW	N	N	N	59	66.5	90.7	84.2	300.4	10	Ci.-S.	S.-Cu. NE	7	A.-Cu. NE	Cu.	
12	NE	NE	NE	NE	NE	NE	44.6	30	102.2	74.3	251.1	6	A.-Cu. NE	Cu. NE	5	Ci.-S. S	Cu. NE	
13	NE	NE	Calm	NE	NE	NE	54.9	37.3	137	80.8	310	3	Ci.	Cu. NE	4	Ci.	Cu. NE	
14	NE	NE	Calm	NE	NE	NE	71.9	34.9	112.4	100.3	319.5	8	Ci. SW	Cu. NE	9	Ci.-S.	S.-Cu. NE	
15	NE	NE	NE	N	N	NE	46.4	31.9	88.5	59.5	226.3	7	Ci. W	S.-Cu. NE	7	Ci.	Cu. NE	
16	NE	NE	NE	NE	N	N	52	33.6	74.2	48.1	207.9	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.	
17	W	W	W	NW	N	Calm	68.9	38.6	79.1	40.2	226.8	7	Ci.	S.-Cu. NE	5	Ci.	Cu.-N.	
18	W	W	Calm	NW	SW	SW	61	48.1	72.6	58.2	239.9	9	Ci.	S.-Cu. SE	7	A.-Cu.	Cu.-N. SE	
19	SW	SW	Calm	SE	Calm	W	73.2	32.7	34.9	49.3	190.1	8	Ci.	Cu. SE	5	Ci.	Cu. SE	
20	W	W	N	NW	NW	W	40.2	46.5	55.2	77.9	219.8	3	Ci.	Cu.	7	Ci.-Cu.	Cu.-N. E	
21	W	W	Calm	Calm	N	SW	71.3	37.5	47.7	51.5	208	4	Ci.	Cu. NE	7	A.-Cu. E	Cu.	
22	SW	SW	Calm	N	N	N	60.4	33.6	86.6	67.9	248.5	7	Ci.	S.-Cu. NNE	9	Ci.-S. NE	Cu. NE	
23	N	Calm	Calm	NW	N	N	47.8	33.3	101.1	51.3	233.5	3	Ci.	S. NE	4	Ci.	Cu. E	
24	N	W	Calm	N	N	N	41.8	32.2	58.7	44.9	177.6	7	Ci.	S.-Cu. N	6	Ci.-S. SE	Cu. N	
25	NW	W	N	N	N	NE	44.9	74.2	107	82.3	308.4	7	Ci.	S.-Cu. NNE	6	A.-Cu. NE	Cu. NE	
26	N	W	N	NW	N	NE	61.2	75	117.5	120.5	374.2	9	Ci. NE	S.-Cu. N	8	A.-Cu. NE	Cu. NE	
27	N	N	N	N	N	N	122.5	155.1	132.2	74.6	484.4	9	A.-Cu. NNE	S.-Cu. N	5	Ci.	Cu. NNE	
28	W	W	NW	NW	W	W	56.8	53.3	50.4?	51	211.5	6	Ci. E	Cu.	4	Ci.	Cu.-N. NW	
29	W	W	NW	NW	Calm	NW	44.3	41	75.9	42.4	203.6	9	A.-Cu.	Cu.-N. NE	4	Ci. NE	Cu.	
30	W	W	NW	NW	N	NW	56.3	69.8	97.7	60.7	284.5	9	A.-Cu. E	N. NE	7	Ci. E	Cu. NE	
31	W	W	SW	SW	SW	SW	68.4	77	99	68.6	313	10	A.-Cu. ENE	Cu.	10	A.-Cu. ENE	Cu.-N.	
Mean	------	------	------	------	------	------	58.1	51.6	94.5	69.1	273.3	6	------	------	6.2	------	------	
Total	------	------	------	------	------	------	----	----	----	----	8,471.5	----	------	------	----	------	------	

ATIMONAN.

[φ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	52. 83	53. 10	54. 20	53. 52	54. 13	56. 19	54	28. 1	26. 2	29. 2	28. 3	27. 6	25. 5	27. 5	30	25. 4	77	88	71	78	76	88	79. 7	17.7
2	54. 84	55. 39	56. 52	54. 93	55. 34	57. 63	55. 78	26	26. 3	27	27. 6	26	24. 7	26. 3	28. 4	24. 3	89	86	84	76	87	93	85. 8	33.8
3	56. 17	56. 57	57. 55	57. 20	57. 69	58. 62	57. 30	26	26. 2	27. 6	24. 8	24. 5	24. 1	25. 5	28	23. 6	84	81	79	93	92	95	87. 3	57.9
4	57. 35	57. 48	57. 77	56. 27	56. 79	58. 06	57. 29	25	25. 7	30	29. 7	28. 5	28. 1	27. 8	31. 5	23. 7	88	82	73	75	81	79	79. 7	------
5	57. 29	57. 79	59. 09	57. 90	58. 52	60. 34	58. 49	27	27. 6	30. 8	31. 6	29	27	28. 8	32. 5	25. 7	76	73	62	57	78	89	72. 5	------
6	59. 49	59. 81	60. 32	58. 37	59. 44	61. 12	59. 76	25. 2	24. 8	30. 7	32. 6	29. 4	25. 8	28. 1	33. 6	24. 1	94	94	65	62	76	87	79. 7	------
7	59. 87	59. 98	59. 97	58. 27	58. 54	60. 25	59. 48	24. 2	23. 7	29. 6	31. 9	30. 4	28. 5	28	32. 5	23. 4	96	96	80	65	80	84	83. 5	------
8	58. 68	59. 23	59. 61	57. 99	58. 43	59. 35	58. 88	25. 4	24. 9	29. 7	30. 7	29	28. 5	28	32. 5	24. 3	93	94	79	76	81	84	84. 5	------
9	58. 72	58. 80	59. 66	58. 03	58. 13	59. 79	58. 86	27. 3	25. 4	30. 2	30. 5	29. 4	28. 5	28. 6	31. 5	24. 7	88	93	73	72	80	83	81. 5	------
10	58. 42	59. 22	60. 14	58. 83	58. 95	60. 36	59. 32	27. 8	24. 8	30	30. 8	29. 1	28. 5	28. 5	31. 8	24	77	92	72	64	71	83	76. 5	------
11	59. 63	59. 88	59. 65	58. 39	58. 58	59. 65	59. 30	24. 6	24. 5	30. 7	30	29. 6	28. 6	28	31. 5	23. 8	95	95	76	77	80	83	84. 3	------
12	58. 54	59. 34	59. 16	57. 36	57. 89	59. 04	58. 56	25. 1	24. 2	30. 5	31. 4	28. 3	25. 5	27. 5	32. 7	23. 5	92	95	75	65	83	96	84. 3	------
13	58. 43	58. 56	58. 97	57. 87	57. 84	59. 36	58. 42	24. 9	25	29	31. 4	30	28. 8	28. 2	32. 4	24	96	95	76	65	71	76	79. 8	------
14	58. 44	59. 34	59. 50	57. 57	58. 39	60. 04	58. 88	26. 3	25	30. 2	30. 5	30	29	28. 5	31. 4	24. 3	89	91	75	73	77	81	81	------
15	58. 72	59. 43	59. 11	58. 29	57. 73	58. 97	58. 71	27. 8	25	30	30	29. 8	28. 8	28. 6	33	24. 4	85	94	71	67	76	82	79. 2	------
16	58. 06	58. 58	58. 45	56. 52	56. 89	57. 83	57. 72	28	27. 7	28. 2	30. 6	27	28	28. 2	31. 7	26	82	84	85	76	78	86	81. 8	14
17	57. 08	57. 79	58. 09	56. 62	57. 31	58. 23	57. 52	27. 3	26. 6	30. 4	31. 3	29. 5	27. 8	28. 8	32. 1	25. 6	86	88	75	72	78	84	80. 5	51.8
18	57	57. 54	57. 32	55. 73	54. 88	55. 38	56. 31	27. 3	25. 7	27. 5	26. 8	25. 5	25. 7	26. 4	28. 2	24. 3	84	94	86	86	91	91	88. 7	119.4
19	50. 83	47. 55	49. 97	52. 25	54. 88	56. 42	51. 98	25. 7	25. 3	24. 5	24. 5	25	26. 4	25. 2	27. 3	22. 9	93	94	92	92	90	87	91. 3	109
20	55. 75	56. 92	57. 48	56. 28	57. 33	58. 57	57. 06	25. 8	25. 2	28	28	26. 4	25	26. 4	29	24. 2	86	90	83	75	90	93	86. 2	11.4
21	57. 65	58. 37	58. 95	58. 06	58. 40	59. 80	58. 54	26	26	29. 3	28. 6	27. 6	25. 7	27. 2	31. 1	24. 9	89	88	78	81	87	94	86. 2	------
22	58. 62	59. 16	59. 81	57. 69	58. 17	60. 12	58. 84	25	24. 5	29. 3	30	28. 6	26. 4	27. 3	30. 5	24	94	96	82	75	80	92	86. 5	------
23	59. 15	59. 19	59. 59	58. 57	58. 03	59. 27	58. 97	25. 4	24. 5	29. 3	30. 5	29	28. 1	27. 8	31. 4	23. 9	93	97	77	74	81	84	84. 3	------
24	58. 29	58. 29	58. 76	57. 25	57. 03	58. 29	57. 98	24. 9	24	28. 8	29. 3	29	28. 1	27. 4	30. 4	23. 5	90	96	77	79	84	83	84. 8	------
25	57. 26	57. 54	58. 25	56. 92	57. 07	58. 41	57. 58	25. 8	25. 1	30	30. 6	28. 8	27. 5	28	31. 4	24. 8	92	93	75	73	79	84	82. 7	------
26	57. 50	57. 78	57. 81	56. 85	57. 06	57. 91	57. 48	26. 7	26. 7	28. 9	28. 5	28	27	27. 6	30. 5	24. 2	88	90	79	78	85	88	84. 7	8.9
27	56. 77	56. 84	56. 78	55. 21	55. 55	56. 09	56. 21	25	24. 4	29	31	28	26. 4	27. 3	31. 4	24	93	95	74	72	85	93	85. 3	------
28	54. 62	54. 45	55. 13	53. 20	53. 84	55. 02	54. 38	25. 3	25. 2	29	30. 2	28. 6	27. 7	27. 7	31. 8	24. 4	93	91	76	74	78	75	81. 2	.5
29	54. 32	54. 44	54. 94	53. 48	54. 30	55. 92	54. 57	27. 1	26. 9	30	30. 5	28. 6	27. 4	28. 4	31. 6	26. 4	83	83	71	67	75	81	76. 7	------
30	54. 99	55. 15	55. 01	54. 13	54. 69	55. 91	54. 98	27	26	29. 1	30. 7	28. 6	26. 6	28	31. 9	25. 5	83	84	70	68	69	80	75. 7	------
Mean	57. 18	57. 45	57. 90	56. 64	57. 06	58. 40	57. 44	26. 1	25. 4	29. 2	29. 8	28. 3	27. 1	27. 7	31. 1	24. 4	88. 3	90. 4	76. 4	73. 6	80. 6	85. 9	82. 5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	424.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	SSW	S	S	77. 4	107	163. 1	162	509. 5	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. S
2	SW	S	S	S	SW	SW	115. 4	142. 2	127. 9	86. 1	471. 6	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SSW
3	S	S	S	Calm	Calm	Calm	92. 5	113. 5	49. 4	29. 3	284. 7	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	N. SW
4	S	SW	S	SE	S	S	72. 1	63. 1	70. 2	92	297. 4	10	Ci.-S.	S.-Cu. S	9	A.-Cu. SW	S.-Cu. S
5	S	S	S	SW	S	Calm	76. 7	106. 8	90. 1	43. 7	317. 3	9	A.-Cu. SSW	S.-Cu. S	7	Ci.-S. S	Cu. S
6	S	Calm	S	SW	Calm	SW	44. 3	38	48. 9	54. 1	185. 3	8	Ci.-Cu. SSW	Cu. SW	9	Ci.-S.	Cu. S
7	SW	SW	SW	NW	NW	NW	64. 7	33. 2	69	43. 2	210. 1	7	Ci. E	S.	5	Ci. N	Cu.-N. SE
8	Calm	NW	NW	NW	NNE	N	49. 1	51. 5	80. 2	65. 4	246. 2	3	Ci.	Cu.	6	Ci.	Cu. E
9	Calm	NW	Calm	N	N	Calm	24. 9	25. 5	125. 3	45. 1	220. 8	1	Ci.	Cu.	4	Ci.	Cu. SSE
10	N	NW	Calm	NW	NW	N	48. 3	32. 5	104. 6	49. 4	234. 8	1	Ci.	Cu.	5	Ci.	Cu. SE
11	NW	NW	NW	NW	N	Calm	52	43. 2	94. 8	47. 2	237. 2	4	A.-Cu. E	Cu. NE	5	Ci.	Cu. SE
12	NW	W	Calm	NW	Calm	S	57. 7	31. 4	46. 2	50. 7	186	1	------------	S.	7	A.-Cu. E	Cu. SE
13	S	S	NE	N	N	N	57. 4	47. 8	70. 8	57. 6	233. 6	7	Ci.	Cu. NNE	8	A.-Cu. E	Cu.-N. SE
14	N	NW	Calm	NW	NE	NE	52	36. 5	104. 3	65. 4	258. 2	7	Ci. E	Cu.	6	Ci.	Cu.-N. SE
15	Calm	N	Calm	N	N	NE	31. 9	36. 2	109. 4	78. 9	256. 4	2	Ci.	Cu.	8	A.-Cu. NE	S.-Cu. NE
16	N	NE	NW	NW	NNE	NE	89. 5	97. 2	114. 5	68. 7	369. 9	9	A.-Cu. ENE	Cu.-N. NE	9	A.-Cu. ENE	S.-Cu. E
17	NE	N	NE	N	NE	NE	52. 8	84. 8	139	102. 4	379	7	Ci.	S.-Cu. NE	7	A.-Cu. E	Cu. ENE
18	N	NE	N	N	NE	N	140. 6	106. 2	190. 4	254	691. 2	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. N
19	NW	NW	SW	S	S	SW	368. 4	250. 9	172	75. 6	866. 9	10	Ci.-S.	N. NNW	10	Ci.-S.	N. S
20	S	Calm	S	S	S	Calm	47. 3	56. 5	48. 1	38	189. 9	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Fr.-N. SSE
21	S	Calm	S	NW	NW	NW	52. 5	38. 6	42. 4	39. 6	173. 1	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. SE
22	W	WSW	Calm	NW	NE	NW	49. 9	32. 2	72. 9	89. 2	194. 2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. SE
23	W	Calm	N	N	N	N	40. 8	28. 8	122. 5	98. 5	290. 6	8	A.-Cu. ENE	S.-Cu. NE	8	Ci.-S.	Cu. NE
24	W	SW	NW	NE	NE	NE	38. 9	43. 5	71. 6	75. 6	229. 6	9	A.-Cu. SE	S.-Cu. NE	9	Ci.-S.	S.-Cu. E
25	NE	Calm	NE	NE	NE	NE	24. 7	66. 5	107. 6	49. 7	248. 5	7	Ci. N	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
26	NE	NE	N	N	NE	Calm	36. 8	107. 8	90. 3	53. 3	288. 2	10	A.-Cu. E	N. NE	10	Ci.-S.	S.-Cu. NE
27	N	W	N	Calm	S	S	53. 3	62. 5	45. 4	48. 1	209. 3	10	Ci.-S. SE	S.-Cu.	9	Ci.-S.	S.-Cu. NW
28	SW	SW	SW	S	SW	SW	60. 1	44	61. 2	82. 7	248	9	Ci.-S.	S.	9	Ci.-S.	S.-Cu. W
29	SW	SW	SW	S	SW	SW	93. 3	110. 8	102. 5	108. 6	415. 2	9	Ci.-S.	S.-Cu. SW	7	A.-Cu. SE	S.-Cu. W
30	SW	SW	SW	SW	SW	SW	130. 6	-----	93	38. 6	------	10	Ci.-S.	S.	8	Ci.-S.	S.-Cu. SW
Mean	------	------	------	------	------	------	73. 2	70. 3	94. 3	71. 4	308. 4	7. 6	------------	------------	8. 2	------------	------------

ATIMONAN.

[φ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.78	55.74	56.40	54.93	55.77	57.36	55.83	26	25	29.4	32.6	28	26	27.8	32.9	24.7	82	88	72	60	79	92	78.8	------
2	56.63	56.58	57.40	55.92	56.77	58.40	56.95	24.6	24.5	31.1	32.2	26.1	25.2	27.3	33.1	23.7	92	93	62	66	92	95	83.3	7.1
3	57.40	57.20	57.36	55.38	56.32	57.20	56.81	25	24.5	28.8	26.2	26.5	25.1	26	30.5	24	92	96	74	86	86	95	88.2	19
4	55.45	55.91	55.86	54.60	54.96	56.38	55.53	24.1	23.5	30	28.2	27.5	26.2	26.6	32.8	23	96	96	67	72	76	85	82	.8
5	54.69	54.99	55.07	53.96	54.44	55.84	54.83	24.9	24.5	27.1	28.5	26.4	26.3	26.3	28.7	24	90	92	75	68	76	75	79.3	1
6	54.47	53.54	54.26	53.05	53.27	54.48	53.84	26.2	26.6	28.7	29.4	26	25.5	27.1	31	24.5	82	80	74	66	82	83	77.8	.8
7	53.20	53.20	53.55	52.59	53.13	54.86	53.42	26.1	27	29.5	29.6	27.8	26.8	27.8	31.1	24.8	82	77	68	66	75	78	74.3	------
8	54.02	54.62	55.07	54.68	55.09	57.21	55.12	25.7	26.5	29	31.6	29.2	26.3	28	31.8	24.9	91	86	73	63	70	88	78.5	------
9	55.94	55.95	56.37	54.97	55.99	57.69	56.15	25.6	25.6	31	32.8	29.7	27.4	28.7	33.5	24.9	93	93	63	58	70	77	75.7	------
10	56.13	55.93	56.33	55.70	55.90	56.14	56.02	26.1	27.2	31.1	31.6	29.1	28.3	28.9	33.8	25.5	79	71	59	61	69	72	68.5	------
11	55.18	55.26	56.36	54.87	55.25	55.45	55.40	28.3	28.4	31	33.5	29.6	29	30	33.8	26.9	72	72	65	54	64	68	65.8	.8
12	54.50	54.90	56.33	55.22	55.73	57.40	55.68	28.6	28.5	30.5	32.4	29.8	28.3	29.7	33.3	27.5	68	70	65	62	67	76	68	------
13	55.81	56.33	57.18	55.81	56.40	57.15	56.45	28	27.7	31.5	32.6	29.8	28.2	29.6	34	26.9	73	74	60	55	67	73	67	------
14	56.83	57.55	58.17	56.77	57.15	58.76	57.54	26.7	24.7	30.6	33.1	29.9	27.4	28.7	33.6	24.3	82	90	65	57	67	74	72.5	------
15	58.24	58	57.65	56.69	57.96	58.93	57.91	25.6	24.5	30.6	32.7	25.9	24.9	27.4	34.4	23.7	84	91	63	62	90	90	80	15.7
16	57.33	57.40	57.17	56.06	56.16	56.78	56.82	23.8	23.5	29	27.2	27.4	25.6	26.1	30.9	22.9	97	96	74	81	83	93	87.3	------
17	55.66	55.79	56.39	54.64	55.60	57.01	55.85	24	22.9	29.6	31.4	29.1	26.8	27.3	33.2	22.6	91	95	69	60	74	87	79.3	------
18	55.95	56.03	56.89	55.41	55.67	57.58	56.26	24.8	23.8	27.6	30.9	29.4	25.8	27	32.2	23.4	93	97	84	72	68	91	84.2	------
19	56.35	56.54	57.02	55.47	55.94	57.54	56.48	25.2	24.3	30.1	31	26	25.2	27	32.7	23.8	90	96	71	71	91	96	85.8	5.6
20	56.50	56.63	57.70	56.21	56.45	57.12	56.77	24.8	24.8	29.5	28.6	29	28	27.4	31.1	23.8	97	96	81	76	80	82	85.3	3.3
21	56.79	57.13	58.08	56.69	56.41	57.99	57.18	25.7	24.4	28.3	28.8	28.1	25.4	26.8	29.9	24	86	91	77	76	80	93	83.8	2.5
22	56.90	56.16	56.15	54.97	55.30	56.98	56.08	24.4	23.8	28	29.9	28.1	26	26.7	31.8	23.3	96	97	79	71	77	92	85.3	------
23	55.66	54.85	54.71	53.43	53.53	54.85	54.50	24.4	23.4	29.6	30	27.7	26.4	26.9	32.5	23	94	97	69	74	81	84	83.2	1.3
24	54.08	54.24	54.60	53.80	54.49	55.95	54.53	25.5	24.8	29.1	30	27.8	26.5	27.3	32	24.5	88	92	76	69	74	78	79.5	------
25	54.50	54.35	55.37	54.50	55	56.27	55	25.4	24.7	28.5	28.3	27.6	25.4	26.6	31	24.1	86	90	73	72	78	88	81.2	.3
26	54.99	54.87	55.69	55.15	55.84	57.31	55.64	25.1	25.3	30.4	31.3	28.5	26.6	27.9	31.6	24.7	91	89	63	61	73	78	75.8	------
27	56.14	56.84	56.93	56.05	56.74	58.67	56.90	26.5	25	29.8	31.4	28.6	26.6	28	32.6	24.7	80	88	67	59	76	90	76.7	------
28	57.41	57.93	58.77	57.78	58.30	59.32	58.25	27	27	29.7	32.6	29.5	26	28.6	33	25.1	86	86	77	57	75	90	78.5	------
29	58.36	58.85	59.21	57.57	58.61	60.36	58.83	24.9	23.5	30.7	32.7	28.5	25.8	27.7	33.6	23	87	91	57	53	79	90	76.2	------
30	58.93	59.19	59.37	57.53	58.10	59.60	58.79	24.8	24.1	29.6	32.5	29.4	25.7	27.7	33.3	23.6	91	95	71	68	74	92	81.8	------
31	58.58	59.13	59.45	57.49	57.95	59.76	58.73	24.4	24	29.6	32	29.1	25.5	27.4	33	23.5	93	93	69	60	72	89	79.3	------
Mean	56.05	56.18	56.67	55.42	55.94	57.30	56.26	25.6	25.1	29.6	30.8	28.2	26.4	27.6	32.3	24.3	87.2	89	69.7	65.7	76.3	85	78.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	58.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SW	W	SW	SW	Calm	23.5	41.6	76.1	28	169.2	10	Ci.-S.	Fr.-N. S	8	A.-Cu. S	Cu. SW
2	SW	Calm	WSW	S	WSW	W	59.2	38.4	46.5	71.4	215.5	7	Ci. NE	S. W	5	Ci.	Cu. SW
3	W	WSW	NW	W	NW	NW	51.3	45.9	52.3	44.6	194.1	5	Ci.	S.-Cu. SW	9	A.-Cu. NW	S.-Cu. W
4	W	W	W	SW	Calm	Calm	49.7	45.7	83.1	30.3	208.8	9	Ci.-S.	S.	9	Ci.-S.	Cu.
5	W	W	W	SW	SW	SW	40.5	134.2	112.1	100.6	387.4	10	Ci.-S.	N. W	9	A.-Cu. W	S.-Cu. W
6	SW	SW	SW	WSW	SW	SW	99.6	98.7	157.5	166.3	522.1	9	A.-Cu.	S.-Cu. WSW	10	Ci.-S.	N. WSW
7	SW	SW	SW	SW	SW	SW	101.1	80.3	78.9	51.8	312.1	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S. SW
8	SW	SW	SW	S	S	S	30.4	58.1	62.6	40.5	191.6	10	Ci.-S.	S. SW	10	Ci.-S.	S.-Cu. WSW
9	S	Calm	SW	SW	SW	Calm	55.2	69.4	86.7	37.3	248.6	8	Ci.-Cu. NE	------	5	A.-Cu. NW	Cu. W
10	Calm	SW	SW	SW	SW	W	69	111.3	122.1	106.8	409.2	6	Ci. ENE	------	10	A.-Cu. ENE	S.-Cu. W
11	SW	W	SW	SW	SW	SW	104.6	153.4	167.4	192.3	617.7	10	Ci.-S.	S. W	10	Ci.-S.	Fr.-Cu. WSW
12	SW	SW	SW	WSW	SW	SW	153.7	159.6	130.9	125.7	569.9	10	A.-Cu.	S. SW	7	A.-Cu.	Cu. SW
13	SW	SW	SW	SW	SW	SW	102.8	100.3	81.6	106.7	391.4	9	Ci.-S.	S. W	7	Ci. NE	Cu. WSW
14	SW	SW	SW	SW	SW	SW	37	81.8	98.2	41	258	10	Ci.-S.	Fr.-Cu. SW	7	Ci.	Cu. SW
15	SW	SW	SW	SSW	SW	SW	45.7	32.2	53.1	43.8	174.8	1	Ci.	------	6	Ci.	Cu.-N. SW
16	WSW	WSW	Calm	WSW	Calm	Calm	49.1	39.7	69.5	36.5	194.8	7	A.-Cu. N	S.-Cu. W	10	Ci.	Cu.-N. NW
17	NW	swbyw	Calm	SSE	Calm	Calm	77.5	42.8	61.8	25.4	207.5	4	Ci.	S.	6	Ci.	Cu. S
18	W	W	Calm	Calm	SSW	S	48.9	36.8	52.1	43.7	181.5	4	Ci.-Cu.	Cu.	4	Ci.-S.	Cu. SW
19	S	S	Calm	WNW	SW	SW	47.7	30.4	55	42.1	175.2	6	Ci.-Cu.	Cu. SW	10	A.-Cu.	Cu.-N.
20	SW	SW	Nwbyw	NNW	NNE	N	52	38.1	66.6	52.1	208.8	9	Ci.-Cu.	S.-Cu. NE	10	Ci.-S.	Cu.-N. E
21	NW	W	WSW	NW	NNW	NW	45.7	57.9	46.1	51.3	201	9	Ci.	S.-Cu. ENE	9	Ci.	Cu.-N. E
22	NW	W	W	W	WSW	W	56.3	37.2	42.8	42.3	178.6	4	A.-Cu. E	S.-Cu. NE	8	Ci.	Cu.-N.
23	W	WSW	W	W	W	Calm	64.6	56.6	58.9	31.4	211.5	1	Ci.	S.	9	A.-Cu. SW	S.-Cu. W
24	Calm	Calm	SW	SSW	SW	SW	40.2	66	114.3	39.6	260.1	8	A.-Cu. SW	S.	9	Ci.-S.	S.-Cu. SW
25	SW	SW	S	SW	SW	SW	34.8	86.4	87.4	36.5	245.1	7	A.-Cu. S	S.-Cu. SW	10	A.-Cu. SW	S.-Cu. SW
26	SW	Calm	SW	SW	SW	SW	33.2	75.3	71.3	50.1	229.9	9	Ci.-Cu. SW	S.-Cu. SW	10	Ci.-S.	S. S
27	SW	SW	SW	S	Calm	S	46.2	62	57.4	40.8	206.4	10	Ci.-S.	S. W	9	A.-Cu. SW	Cu. W
28	S	Calm	SW	S	SW	SW	41.3	68.6	65.4	41.8	217.1	6	A.-Cu. W	S.-Cu. W	8	A.-Cu. N	Cu.
29	SW	SW	SW	S	Calm	S	47.5	76.9	62.5	40.2	227.1	7	A.-Cu. N	Cu.	7	Ci.	Cu.-N. E
30	S	S	S	Calm	E	E	62.8	43.7	45.9	50.2	202.6	9	Ci.-S.	Cu.	6	Ci.-S.	Cu. S
31	S	S	S	SW	SW	SW	60.6	58.2	63.4	48.1	230.3	4	Ci.	Cu.-N. S	7	Ci.	Cu. SE
Mean	------	------	------	------	------	------	59.1	68.6	78.4	60	266.1	7.4	------	------	8.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	8,247.9	------	------	------	------	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.96	59.30	59.46	57.83	58.55	60.40	59.08	24.3	23.8	30.6	31.3	27.5	25.4	27.2	33.2	23.1	90	91	74	62	82	88	81.2	------
2	58.99	59.20	58.85	57.38	57.52	59.14	58.51	24.6	24.4	29.4	30.6	29.4	28.6	27.8	32.8	23.8	94	94	75	70	71	75	79.8	------
3	57.67	58.07	58.19	57.21	57.50	58.68	57.89	26.7	24.5	28	27	27.9	25.4	26.6	30.4	24.1	84	92	76	80	75	90	82.8	15.2
4	57.19	57.15	58.06	56.59	56.89	58.84	57.45	24.1	23.7	28.4	30.4	28.2	24.5	26.6	31.2	23.2	94	94	77	68	80	85	83	15.2
5	57.48	57.43	58.58	56.55	56.89	59.05	57.66	24	23.5	29	30.4	28.2	24.7	26.6	31.7	23	95	96	73	68	80	90	83.7	------
6	57.58	57.61	58.33	56.70	57.03	58.53	57.63	23.9	23.5	29	31.4	29.2	27.2	27.4	31.8	23	91	94	68	66	77	82	79.7	5.1
7	57.45	57.49	58.73	56.74	56.97	58.20	57.60	24.4	23.9	26.6	29.2	28.4	28	26.8	29.9	23.4	96	96	88	78	81	84	87.2	2.8
8	57.09	57.36	58.16	56.60	56.88	58.20	57.38	25	24.4	28	29.7	26	26	26.5	30.3	24.1	94	96	83	75	92	89	88.2	1.3
9	57.19	57.26	57.63	56.20	56.30	57.53	57.02	24.5	23.5	29.2	30.8	27.6	26	26.9	31.4	23.1	92	97	82	76	84	90	86.8	------
10	56.30	56.15	56.56	54.78	54.90	56.12	55.80	25	24.5	29.5	26.5	25.2	24.8	25.9	31.9	24	91	92	70	84	92	94	87.2	8.7
11	55.01	53.82	54.42	53.32	52.79	54.32	53.95	24.9	25.2	29.4	28	27	26.8	26.9	30.3	23.4	89	83	69	74	78	77	78.3	------
12	52.79	52.91	53.57	52.48	52.96	53.69	53.07	26.4	26.1	28	29.3	27.2	26	27.2	29.9	25	82	84	75	69	74	82	77.7	------
13	52.76	52.83	54.40	53.97	54.49	55.87	54.05	26.1	26.5	26.7	27	25	25.7	26.2	28.5	24.6	82	79	80	85	90	89	84.2	15.8
14	55.18	55.27	55.48	55.01	55.76	57.60	55.72	25.3	26.4	27.2	29.6	27.7	24.7	26.8	30	23.8	95	86	84	71	83	92	85.2	11.2
15	56.69	56.51	57.99	55.95	56.73	58.68	57.09	24.1	23.8	28.8	31.7	29.2	26	27.3	32.9	23.4	92	93	76	62	78	92	82.2	------
16	57.29	57.31	57.88	55.99	56.33	58.03	57.14	24.7	23.1	29.3	31.7	30	26	27.5	32.2	22.8	87	95	73	65	75	92	81.2	2.3
17	57.53	57.62	58.25	56.53	57.01	58.76	57.62	25.3	25.4	30.1	32.6	29.7	25.8	28.2	32.9	23.8	93	91	71	62	71	91	79.8	------
18	57.76	57.79	58.21	56.15	56.53	58.36	57.47	24	24.1	28.7	30.8	29.6	24.8	27	32.5	23.2	93	92	73	65	74	93	81.7	2.3
19	56.73	56.74	57.08	55.74	56.01	57.94	56.71	24	23.4	30	29.6	26.5	25.6	26.5	32.4	23	94	95	75	78	86	92	86.7	------
20	56.11	55.85	56.51	54.49	54.61	56.07	55.61	24.1	26.5	30.5	31.3	28.6	27.5	28.1	32	23.9	95	82	62	61	71	73	74	------
21	54.99	54.54	55.32	53.35	54.30	55.52	54.67	27	26.6	30	31	27.6	27.3	28.2	31.9	25.9	77	80	64	62	74	81	73	------
22	54.76	55.48	56.59	55.25	54.96	57.14	55.70	27.5	26.5	27.1	26.8	26.5	26.5	26.8	28.6	25	73	76	79	77	78	83	77.7	2.8
23	56.49	57.10	57.70	56.33	56.67	58.38	57.11	26	25.1	29.9	31.1	29	27.6	28.1	31.9	24.6	87	90	65	64	71	85	77	------
24	57.34	57.82	58.09	56.57	57.28	58.36	57.58	26.2	25.6	30.6	31.5	29	27.8	28.4	32.4	24.5	86	87	65	57	64	68	71.2	------
25	56.72	56.68	57.24	55.87	55.63	57	56.52	27.5	27.3	30.7	31.3	29	28.1	29	32.4	26.6	70	72	61	55	64	67	64.8	------
26	55.52	55.47	55.65	53.96	54.32	55.41	55.06	27.5	27.1	29.6	31.4	29.1	27.4	28.7	31.6	26.4	66	69	61	54	58	71	63.2	------
27	53.64	53.60	53.94	52.90	53.59	55.50	53.86	26.7	27	29.9	31.8	29.5	28.5	28.9	33	26.3	75	72	63	50	59	66	64.2	------
28	55.01	55.13	55.83	54.75	55.25	57.42	55.56	27.9	27.5	30.6	31.8	28.8	27.8	29.1	32.4	26.7	71	73	62	55	65	70	66	2.3
29	56.39	56.89	57.24	55.97	56.34	58.05	56.81	27.1	27.1	30.9	32.9	29	27.5	29.1	33.5	26.4	71	71	59	49	66	74	65	------
30	56.96	56.87	57.63	55.98	55.95	57.77	56.86	27	26.8	31.5	31.5	29	27.5	28.9	33.4	26.3	78	80	58	57	68	75	69.3	------
31	55.71	55.06	55.87	54.51	55.55	56.62	55.55	27	27.4	30.6	29.3	28	26.6	28.2	31.6	24.7	80	78	62	69	74	83	74.3	------
Mean	56.36	56.40	57.01	55.54	55.89	57.46	56.44	25.6	25.3	29.3	30.3	28.1	26.5	27.5	31.6	24.4	85.7	86.1	71.1	66.7	75.3	82.7	77.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	85

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	ESE	S	79.4	39.2	60.6	61.2	240.4	2	Ci.	Cu.	4	Ci.	Cu. SE
2	S	S	S	NW	N	N	64.1	46.7	93.6	82.3	286.7	4	A.-Cu. N	S.-Cu. NE	3	------	Cu.
3	N	W	NW	NE	NE	Calm	54.4	53.3	81.5	48.9	238.1	4	Ci.	S.-Cu. NE	9	Ci.-S.	S.-Cu.
4	NW	SW	W	NW	Calm	W	53.3	63.6	60.6	58.9	236.4	9	Ci.	S.-Cu. NE	7	Ci.	Cu.
5	W	W	W	NW	Calm	W	66.5	44.3	72.1	66.2	249.1	4	Ci. SSE	Cu. NE	4	Ci. SSE	Cu.
6	W	WSW	Calm	NNW	Calm	N	78.1	41.8	56.5	44	220.4	4	Ci. S	Cu.	6	A.-Cu. E	Cu. N
7	W	W	NW	NNW	N	N	51.5	82.9	117.3	62.5	314.2	9	Ci.-S.	S.-Cu. N	8	A.-Cu. E	Cu. NE
8	W	W	NW	NW	E	N	55	80.2	86.1	52.6	273.9	8	A.-Cu. E	S.-Cu. E	8	Ci.-S.	S.-Cu. E
9	N	NW	N	NW	SW	SW	55.5	34.9	57.3	47.7	195.4	8	A.-Cu.ESE	S.-Cu. E	8	Ci.	Cu.-N. S
10	SW	SW	SW	W	W	W	49.9	56.1	59.5	36.7	202.2	8	A.-Cu. W	S.	10	Ci.-S.	S.-Cu. SW
11	W	Calm	SW	W	SW	SW	45.4	96.3	117.5	111.3	370.5	10	Ci.-S.	S. SW	10	Ci.-S.	S. WSW
12	SW	SW	SW	SW	SW	SW	102.8	125.8	124.5	131.7	484.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. W
13	SW	SW	Sbyw	SW	S	SW	113.5	95.2	78.7	68.7	356.1	10	Ci.-S.	s.-cu. wsw	10	Ci.-S.	S.-Cu. SW
14	Calm	SW	SW	S	S	S	32.8	77.8	67.8	47.7	226.1	10	A.-Cu. E	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
15	S	S	Calm	SW	SE	SE	57.9	42.9	66.8	41.6	209.2	7	Ci. NE	------	7	A.-Cu. W	Cu. WSW
16	SE	S	SSE	Calm	Calm	NW	56.1	35.1	41.5	59.8	192.5	7	A.-Cu. E	------	6	Ci.	Cu. NW
17	NW	NW	NNW	NW	NW	NW	43.7	66	62	46.2	217.9	8	Ci.	Fr.-N. NNE	4	Ci.	Cu. NW
18	NW	W	W	W	WNW	SW	71	46.7	50.7	78.1	246.5	8	A.-Cu. W	S.	4	Ci.	Cu. W
19	SW	SW	SW	SW	NW	NW	63.8	44.5	60.4	47.7	216.4	2	Ci.	------	8	Ci.	S.-Cu. W
20	wbys	SW	SW	SW	SW	SWbyw	47.5	103.5	83.2	53.4	287.6	9	A.-Cu. NE	S. W	9	Ci.-S.	Cu. SW
21	SW	SW	SW	SW	SW	SW	48.8	71.4	88.7	79.4	288.3	10	Ci.-S.	S. W	10	Ci.-S.	Cu. SW
22	SW	SW	W	SW	SW	SW	65.7	62.6	114.5	63.3	306.1	10	Ci.-S.	S. W	10	Ci.-S.	s.-cu. wsw
23	SW	SW	SW	SW	SW	Calm	33.3	61	82.1	40.2	216.6	10	Ci.-S.	S. W	9	Ci.-S.	Cu. WSW
24	Calm	SW	SW	SW	SW	SW	33.8	74.6	88	71.9	268.3	9	A.-Cu. ENE	S. W	10	Ci.-S.	s.-cu. wsw
25	SW	SW	SW	SW	WSW	SW	103.3	119.1	115.7	103.2	441.3	10	Ci.-S.	------	10	Ci.-S.	S.-Cu. SW
26	SW	SW	SW	SW	SW	Calm	75.8	114.6	125	48.6	364	10	Ci.-S.	S.	10	A.-Cu. WSW	Cu. WSW
27	Calm	SW	SSW	SW	SW	SW	35.1	105.4	116.4	62.2	319.1	10	Ci.-S.	S. W	9	Ci.-S.	Cu. WSW
28	SW	SW	SW	SW	SW	SW	58.7	117.2	158.2	98.2	432.3	10	Ci.-S.	S. WSW	7	A.-Cu. WSW	Cu. SW
29	SW	W	SW	SW	W	SW	75.9	126.3	150.7	59.5	412.4	4	Ci. NE	------	5	Ci.	Cu. WSW
30	SW	SW	SW	SW	WSW	W	61.4	87.7	125.7	96.9	371.7	4	Ci.-Cu.	Fr.-Cu. SW	9	Ci.-Cu.	S.-Cu. W
31	SW	SW	SW	S	SW	Calm	83.4	114.1	97.7	50.7	345.9	10	Ci.-S.	s.-cu. wsw	9	A.-Cu.	N. W
Mean	------	------	------	------	------	------	61.9	75.2	89.1	65.2	291.3	7.7	------	------	7.8	------	------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,030.4	----	------	------	----	------	------

ATIMONAN.

[φ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.75	54.60	56	54.66	54.67	56.02	55.12	25	26.3	30	26.8	26.5	24	26.4	30.6	23.6	92	85	69	86	88	87	84.5	34.6
2	55.85	55.13	56.49	54.36	54.20	55.43	55.24	24	24.1	25.5	26	25.5	26	25.2	26	23.1	87	95	93	88	92	85	90	26.1
3	54.33	54.57	55.46	53.61	53.79	55.49	55.54	26	24.5	25	25.3	25.2	24.2	25	26	23.4	85	92	90	92	87	92	89.7	33.8
4	54.53	54.43	55.17	53.83	54.16	55.63	54.62	24	24.1	25.2	26	24.6	24.8	24.8	26.6	23.5	90	90	88	88	88	92	89.3	16.3
5	53.87	53.75	55.19	53.38	52.95	54.43	53.93	23.7	24.6	25	26.3	27.1	26.3	25.5	27.3	23.2	96	90	91	88	80	83	88	9
6	53.25	52.85	54.09	52.92	53.47	55.04	53.60	25.1	25	26.9	27	26.8	26.1	26.2	29.2	24.4	91	92	86	86	86	87	88	9.8
7	53.76	53.70	54.90	53.54	54.30	55.74	54.32	26	26.7	29.3	27.5	26.5	25	26.8	29.8	24.6	91	86	76	79	85	92	84.8	20.3
8	54.57	54.51	55.60	54.35	54.17	55.33	54.76	25	24.5	25	24.6	24	24.9	24.7	26.9	23.5	90	92	90	90	88	88	89.7	22.3
9	54.70	54.66	55.65	54.79	54.65	56.17	55.10	25	25.4	27.5	25	25.6	25.5	25.7	28.3	24.4	88	88	77	85	84	84	84.3	1.8
10	55.70	55.72	56.48	55.07	55.45	57.35	55.96	25.5	25.5	28.8	29	28.1	26.8	27.3	30.5	25	88	88	72	68	70	80	77.7	------
11	56.57	56.77	57.44	55.59	56.64	58	56.84	26.5	26.7	29.6	32.5	28.5	27	28.5	32.8	26	82	81	70	56	73	80	73.7	------
12	56.46	56.38	57.21	55.79	56.79	58.45	56.85	26.6	26.4	29.6	25.5	25	24.5	26.3	29.7	24	82	82	69	90	88	87	83	18.3
13	56.89	56.53	57.88	56.02	56.77	58.17	57.04	24.7	23.8	28.5	26	25	25	25.5	30.6	23.4	85	92	74	85	92	88	86	1
14	57.16	57.43	58.52	56.81	57.82	59.32	57.84	24.8	24.5	28.6	28.2	26.9	24.5	26.2	28.9	23.6	87	86	73	76	87	92	83.5	------
15	58.14	58.94	59.68	57.41	57.37	59.25	58.46	23	22.1	29	29.9	28	24.8	26.1	31.3	21.6	91	95	60	69	77	90	80.3	------
16	57.90	57.98	58.87	56.65	57.59	58.53	57.92	22.7	22	28.5	31	27.6	24.1	26	31.7	21.6	93	95	70	56	75	91	80	------
17	57.72	57.50	57.68	56.15	56.93	58.68	57.44	22.6	22	29.9	31.1	27.5	25.1	26.4	32.2	21.6	93	95	62	67	75	87	79.8	------
18	57.64	58	59.02	57.22	58.14	60.11	58.36	23	22.5	29.8	31.3	28	26	26.8	32.7	21.8	93	93	75	60	79	92	82	------
19	58.55	59.01	59.94	57.99	58.73	60.58	59.13	24.8	23.5	30	31.8	28.5	25.5	27.4	32	23	91	95	68	67	75	92	81.3	------
20	59.29	59.30	60.60	58.52	59.10	60.32	59.52	24.3	23.4	28.5	31.4	28.5	26.5	27.1	32.3	23.1	91	96	73	63	79	88	81.7	2.3
21	59.18	59.28	60.02	58.33	58.63	59.48	59.15	26.8	25.8	28.3	26	27	25.8	26.6	29	23.9	83	89	79	87	83	92	85.5	46
22	58.81	58	58.88	57.01	57.47	58.92	58.18	24.5	26.5	27.2	28	27.6	25	26.5	28.7	23.5	97	88	83	80	81	92	86.8	18.1
23	57.89	56.94	57.76	56	56.13	57.69	57.07	27	27.2	28.9	31	28	24.7	27.8	31.5	23.6	80	79	72	62	76	92	76.8	------
24	56.45	56.22	56.80	55.61	56.34	57.58	56.50	23.8	23.4	30.5	30.5	28.2	25.2	26.9	31.5	22.9	92	94	65	64	74	92	80.2	------
25	56.71	57.04	57.92	55.82	57.11	58.44	57.17	24.1	24	28.1	28.5	25.8	24	25.8	30.6	23.2	96	95	88	81	92	96	91.3	15
26	57.30	57.55	58.19	55.87	56.94	58.14	57.33	24	23.6	27.6	28.8	25.2	24.4	25.6	29.8	23.2	94	97	81	78	88	95	88.8	1.3
27	57.14	57.21	57.92	55.74	56.63	58.47	57.18	23.8	23	28.9	29	26.2	25.2	26	31.5	22.6	93	97	72	70	87	92	85.2	1.8
28	56.98	57.25	57.99	56.47	57.58	58.60	57.48	24.4	24	29.4	28.6	26.8	25.8	26.5	31	23.5	92	94	67	68	78	74	78.8	-----
29	56.98	57.04	58.06	56.10	58.02	58.77	57.50	25.6	25	29	30.3	25.9	24.8	26.8	31.9	24.4	82	88	71	66	81	89	79.5	2.3
30	57.32	57.80	58.85	57.19	58.21	59.83	58.20	24.5	24	29.7	31.8	27.1	25.4	27.1	32.7	23.4	91	91	66	61	80	84	78.8	------
Mean	56.55	56.54	57.48	55.76	56.36	57.80	56.74	24.7	24.5	28.3	28.5	26.7	25.2	26.3	30.1	23.4	89.5	90.7	75.7	75.2	82.3	88.5	83.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	280.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	SW	SW	SW	SW	Calm	32.7	83.9	65	73.4	255	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu.,N.SW
2	Calm	Calm	Calm	SW	SW	SW	28.2	28	83.2	64.6	204	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. WSW
3	W	Calm	SW	SW	SW	SW	51	80.7	80.5	123.4	335.6	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. SW
4	WSW	SW	SW	SW	SW	SW	98.4	124.1	114.5	70.8	407.8	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. WSW
5	W	Calm	W	SW	SW	SW	69.4	77.4	86.6	72.1	305.5	9	A.-Cu.	S.-Cu. W	10	Ci.-S.	N. SW
6	SW	Calm	S	SW	SW	SW	38	83.7	83.4	93.5	298.6	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
7	SW	SW	SW	W	W	W	46.1	127.7	94.8	73.7	342.3	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. W
8	SW	SW	SW	SW	SW	SW	92.8	100.4	122.5	107.3	423	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
9	SW	SW	WSW	W	SW	SW	80.2	86.6	118.1	79.1	364	9	A.-Cu. W	S.-Cu.WSW	10	Ci.-S.	N. SW
10	SW	SW	SW	SW	SW	Calm	64.1	116.2	117.5	50.5	348.3	9	Ci.-Cu.	S.-Cu.,N. WSW	9	Ci.-S.	S.-Cu. SW
11	SW	SW	SW	W	SW	SW	64.2	112.7	110.4	59	346.3	8	A.-Cu.WNW	S.-Cu. SW	7	A.-Cu. NW	Cu. W
12	SW	SW	SW	SW	SW	SW	95.8	89.5	102	95.8	383.1	8	A.-Cu.WNW	S.-Cu. W	10	Ci.-S.	N. W
13	SW	SW	Calm	N	Calm	W	78.7	40	39.2	37.3	195.2	9	Ci.-S.	S.-Cu. W	10	Ci. .	N. NW
14	SW	SW	SW	SW	Calm	SW	86.1	69.8	55	50.7	261.6	10	Ci.-S.	S.-Cu.WSW	9	Ci.-Cu.	S.-Cu. W
15	SW	SW	SW	W	SW	SW	66.2	52.5	44.1	45.1	207.9	4	Ci.-S. NE	------------	6	Ci. ENE	Cu.
16	SW	SW	SW	SW	SW	SW	71.8	89.3	95.2	60.2	316.5	8	Ci.-S. NE	Cu.	4	A.-Cu. W	Cu.
17	SW	SW	SW	Calm	SW	SW	76.9	73	42.6?	56.6	249.1	5	Ci.-S. ENE	------------	7	Ci.	Cu. SW
18	SW	SW	Calm	SW	SW	SW	54.4	34.9	76.2	62.3	227.8	3	Ci. E	------------	6	Ci.-S. E	Cu.
19	SW	SW	SW	SW	SW	SW	54.7	46.7	45.4	68.7	215.5	8	Ci. ENE	------------	7	Ci. ENE	Cu. WSW
20	SW	SW	SW	W	NW	NW	68.4	54.5	67	72.7	262.6	6	Ci. NE	------------	8	Ci. E	Cu. NW
21	N	N	NW	N	N	NW	57.6	102.4	124.5	90.7	375.2	5	Ci.-Cu.	S.-Cu. NE	8	Ci.	S.-Cu. N
22	NW	NW	N	NW	NW	NE	71.6	130.7	138.9	73.4	414.6	8	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. N
23	N	N	NWbyN	Calm	Calm	NW	156.3	93.6	24.7	68.2	342.8	4	Ci. ESE	Fr.-S. NE	4	Ci.	Cu. NW
24	NW	W	SW	S	S	S	69.7	72.7	55.7	48.6	246.7	8	Ci.-S. E	S.-Cu. W	10	Ci.-S.	S.-Cu.WNW
25	S	S	Calm	NW	E	S	58.5	31.7	46.1	57.6	193.9	8	Ci.	S.-Cu. S	7	Ci.-Cu.	S.-Cu.
26	S	SE	E	NE	SW	SW	54.2	56.8	75.8	60.1	246.9	5	Ci.	S.-Cu. W	9	Ci.-S.	Cu.-N. SSE
27	SW	SW	SW	NW	W	W	64.6	57.9	64.4	67.9	254.8	6	Ci. E	S.	9	Ci.	S.-Cu. W
28	W	W	SW	W	SW	SW	42	89.1	67.4	63.1	261.6	6	A.-Cu. W	S.	10	Ci.-S.	S.-Cu. W
29	SW	SW	SW	SW	SW	SW	38	56.6	92.7	42	229.3	9	A.-Cu. SW	------------	9	A.-Cu. SW	Cu. WSW
30	Calm	SW	SW	SW	Calm	W	23.9	50.5	60.4	44.6	179.4	10	A.-Cu.	S.-Cu. WSW	7	Ci.	Cu. WSW
Mean	------	------	------	------	------	------	65.2	77.1	79.8	67.8	289.8	7.8	------------	------------	8.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	8,694.9	----	------------	------------	----	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.49	59.05	59.84	57.65	58.03	59.88	58.82	24.4	23.4	29	31.6	28.5	25.2	27	32.5	23	91	97	81	71	77	91	84.7	------
2	58.88	58.91	60.01	57.98	58.71	60.90	59.23	24	23.2	29.3	30	28.6	25.5	26.8	30.6	22.9	96	96	72	73	79	93	84.8	------
3	59.50	59.84	60.67	59.25	59.64	61.39	60.05	26	23.9	28	28.3	28	27.7	27	29.7	23.5	83	94	80	82	82	82	83.8	34.3
4	59.59	59.75	60.66	58.85	59.14	61.28	59.88	24.4	23.8	27.5	27.4	27.4	23.9	25.7	29.8	23	96	97	84	86	84	91	89.7	25.6
5	59.99	60.53	61.17	59.35	59.99	60.84	60.31	23	22.8	27.8	29	28	27.5	26.4	31	22.4	95	96	81	74	81	79	84.3	------
6	59.93	60.33	61.22	60.09	60.22	60.86	60.44	26	26.1	28	26.5	26.4	27	26.7	29.7	25	85	83	77	88	90	86	84.8	4.6
7	59.71	60.08	60.81	59.47	59.64	60.87	60.10	26	24.2	27.8	28	27.7	27.5	26.9	28.9	24	90	95	82	79	80	83	84.8	13.5
8	60.32	60.91	61.70	59.74	60.36	61.55	60.76	26.9	25.2	28	28.6	28	27.5	27.4	30	24.9	83	92	81	80	81	84	83.5	------
9	60.68	60.80	61.61	59.75	60.04	61.40	60.71	26.9	27	30.3	27.9	27.7	27.5	27.9	30.4	26.4	82	81	70	84	79	81	79.5	------
10	60.12	60.42	61.31	59.30	60.02	60.95	60.35	27	26.5	28.6	30.5	28.3	27.5	28.1	30.7	26	80	81	77	69	79	80	77.7	------
11	59.11	59.26	60.39	58.53	59.32	60.13	59.46	27	26.7	29.7	30	26.3	27.3	27.8	30.4	24.8	83	82	72	72	82	78	78.2	------
12	59.08	59.69	60.33	58.51	59.63	60.38	59.60	26.9	24	27.4	28.4	26.4	26.1	26.5	29.9	23.4	82	96	76	75	81	83	82.2	3.5
13	60.05	60.57	61.10	59.60	60.41	61.66	60.56	26	25.9	27.9	27.4	27.1	26.5	26.8	29.2	24.5	82	83	78	84	80	80	81.2	3.5
14	60.40	61.31	62.15	60.14	60.44	61.88	61.05	26.6	26.5	28.2	29.4	27.5	26.4	27.4	30	26	79	80	69	68	77	79	75.3	.8
15	60.22	61.12	62.22	59.64	59.95	61.17	60.72	26.4	23.6	27	29	27.4	26.2	26.6	29.5	23.3	79	92	75	74	78	83	80.2	5.1
16	60.11	60.61	62.32	59.86	60.42	61.53	60.81	25.2	22.6	25.2	26.5	26.1	26.8	25.4	27.2	22.1	83	95	89	80	87	83	86.2	5.6
17	60.65	61.32	62.77	60.70	61.07	62.45	61.49	26	25.4	29.2	27.5	27.5	27	27.1	29.5	24.1	83	84	75	77	78	81	79.7	10.2
18	60.88	61.42	62.64	60.53	60.71	61.66	61.31	26.8	26.6	29.3	30	27.9	27.5	28	30.1	26.2	81	82	72	70	79	79	77.2	------
19	60.10	60.42	61.52	59.99	60.22	61.71	60.66	26.5	26.2	27.4	27	26.1	26.4	26.6	28.9	25.1	85	86	87	85	89	91	87.2	32.2
20	60.10	60.83	61.95	60.04	60.91	62.26	61.02	25.5	25.2	28.7	30	28.3	27.1	27.5	30.1	25	91	93	77	69	77	81	81.3	------
21	60.35	61.84	62.85	61.17	61.40	62.53	61.69	24	22.5	29.3	29	27.5	27	26.6	30	22.1	88	96	75	76	83	83	83.5	25.4
22	61.14	61.35	62.77	60.90	61.64	62.45	61.71	24.5	25.7	29.2	29.9	27.6	26.8	27.3	30.5	23.8	97	90	75	73	76	77	81.3	2.5
23	60.72	61.26	62.56	60.88	61.59	62.91	61.65	26.3	26.7	29.3	30	27	27	27.7	30	25	79	77	70	67	83	81	76.2	13.5
24	61.58	62.46	63.10	60.92	61.62	62.86	62.09	24	24.5	29.2	29.5	27.5	26.5	26.9	30	23.3	90	85	73	73	76	82	79.8	4.3
25	61.46	62.23	63.33	60.95	61.57	62.85	62.06	24.4	25.5	26.7	29.5	27.5	26.9	26.8	30	23.7	95	88	80	72	81	80	82.7	------
26	61.28	61.67	62.50	60.20	60.59	62	61.37	26.3	26.3	29.3	29.7	27.5	26.5	27.6	30	25.5	84	84	73	72	77	76	77.7	------
27	60.03	60.72	61.87	59.64	60.40	61.85	60.75	26.1	22	29	29.6	28.6	26.9	27	30	21.5	75	94	75	77	80	85	81	------
28	60.46	61.48	63.04	60.41	61.26	62.80	61.58	26.8	24	29.1	28	26.4	26	26.7	30.4	24	77	91	76	86	90	81	83.5	9.2
29	61.01	61.98	62.81	60.47	60.60	61.72	61.43	26	26.4	28.1	26.5	27.1	26.6	26.8	28.5	24.4	87	84	78	87	78	80	82.3	7.6
30	60.55	61.37	62.30	59.61	60.56	62.36	61.12	26	25.9	29	28.5	27.1	26.9	27.2	30.3	25.2	82	81	72	76	78	79	78	3
31	61.08	61.57	62.60	60.49	61.87	63.12	61.79	26.5	26.5	29.2	29.7	27.6	27	27.8	30.6	25.8	82	84	74	72	81	82	79.2	------
Mean	60.24	60.81	61.81	59.83	60.39	61.68	60.79	25.8	25	28.4	28.8	27.4	26.7	27	29.9	24.2	85.3	88.4	76.6	76.5	80.7	82.4	81.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	204.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	Calm	Calm	W	W	63.9	38.1	37	68.7	207.7	7	Ci. NE	------------	5	Ci.	Cu. W
2	W	W	W	NW	Calm	W	76.6	67.4	50.1	41.8	235.9	7	Ci.-S. NE	------------	8	Ci.-S. NE	Cu. NW
3	N	N	NW	NW	N	N	53.7	59.2	88	68.2	269.1	8	Ci. E	S.-Cu. N	9	Ci.-S.	S.-Cu. NE
4	NW	NW	NW	NW	Calm	SW	48.8?	54.2	46.4	70.6	220	8	Ci.	S.-Cu. E	9	Ci.	N. NE
5	SW	SW	SW	NW	N	NE	58.2	44.1	129.7	82.1	314.1	1	------------	Cu. NE	4	Ci.	Cu. NE
6	Calm	N	N	Calm	N	NE	72.2	88.7	120.2	93.9	375	4	Ci. E	Cu. NE	9	Ci.	Fr.-N. E
7	NE	NW	NW	NW	N	N	57.3	80.8	138.4	78.6	355.1	9	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
8	N	NE	NW	N	NE	NE	57.4	72.2	144	100.1	373.7	9	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
9	N	N	N	N	N	NE	74.8	72.6	149.1	82.1	378.6	3	Ci.	Cu. NE	4	A.-Cu. NE	Cu. N
10	NE	NE	NE	NE	NE	NE	92.8	113.3	130.9	113.8	450.8	8	Ci.	S.-Cu. NE	6	Ci.	Cu. NE
11	NE	NE	NE	NE	NE	NE	65.2	100.4	117.5	72.2	355.3	5	Ci. ENE	Fr.-Cu. NNE	8	A.-Cu. E	S.-Cu. NE
12	NE	NE	N	NE	NE	NE	43.8	128.4	191.3	80.7	444.2	9	Ci.-Cu.	S.-Cu. NNE	8	A.-Cu. NE	S.-Cu. NE
13	NE	NE	NE	NE	NE	NE	56.1	78.9	116.5	96	347.5	9	Ci.	N. NE	9	A.-Cu. NE	S.-Cu. NNE
14	NE	NE	NE	N	NE	NE	61.5	102.5	146.7	99.3	410	2	------------	S.-Cu. NE	7	Ci.	Cu. NE
15	NE	NE	NE	E	NE	NE	50.5	63	95.8	70.2	279.5	9	A.-Cu.	S.-Cu. NNE	7	A.-Cu. ENE	S.-Cu. NE
16	NE	SE	N	N	N	NE	56.1	92.7	119.9	81.8	350.5	2	Ci.	S.-Cu.	8	A.-Cu. NE	S.-Cu. NNW
17	NE	E	E	NE	NE	NE	58.7	35.7	87.2	70.6	252.2	5	A.-Cu. ENE	Cu.	9	A.-Cu. E	S.-Cu. NE
18	NE	NE	NE	NE	NE	NE	104.4	91.4	131.5	109.4	436.7	8	------------	S.-Cu. NE	7	A.-Cu. NE	Cu. N
19	NE	N	N	N	N	N	-----	106	141.6	130.1	-------	9	Ci.	S.-Cu. NE	10	Ci.-S.	N. NNE
20	NNE	Calm	NE	NNW	NE	NE	49.4	28.2	93.3	90.3	261.2	7	A.-Cu. NE	S.-Cu. ENE	4	Ci.-Cu.	Cu. ENE
21	NE	NE	Calm	NE	NE	NE	38.6	32	119.3	109.4	299.3	1	------------	Cu.	8	A.-Cu. E	S.-Cu. ENE
22	NE	NE	NE	NE	NE	NE	55	101.1	175.7	154.2	486	7	Ci.	S.-Cu. NE	6	A.-Cu. NE	Cu. NE
23	NE	NE	NE	NE	NE	NE	175.6	172	128.5	96.8	572.9	7	A.-Cu. ENE	S.-Cu. NNE	6	A.-Cu. ENE	Cu. NE
24	ENE	E	NE	NE	NE	NE	89	126.6	171.9	-----	-------	10	Ci.	N. E	4	Ci.	Cu. NE
25	NE	NE	NE	NE	NE	NE	-----	109.1	171.9	94.1	-------	4	Ci.	S.-Cu. ENE	6	A.-Cu. ENE	Cu. NE
26	NE	NE	NE	NE	NE	NE	62	53.6	120.9	83.9	320.4	8	Ci. S	S.-Cu. NE	8	Ci.-S. S	Cu. NE
27	NE	NE	Calm	N	NE	NE	46.5	35.1	109.2	62.5	253.3	2	Ci.	Cu.	5	A.-Cu. E	Cu. NE
28	NE	Calm	NE	NE	NE	Calm	28	49.7	109.7	55.7	243.1	1	Ci.	------------	10	Ci.	N. ENE
29	NE	NE	NE	N	NE	NE	90.6	86.1	131.5	80.7	388.9	2	------------	S.-Cu. E	10	A.-Cu. E	S.-Cu. NE
30	NE	NE	NE	NE	NE	NE	62.8	76.1	140.5	84	363.4	2	Ci.	S.-Cu. E	9	A.-Cu. NE	S.-Cu. NE
31	NE	NE	NE	NE	NE	NE	65	82.7	174.1	108.6	430.4	4	A.-Cu. E	S.-Cu. ENE	6	A.-Cu. NE	Cu. NE
Mean	------	------	------	------	------	------	66	78.8	123.5	87.7	345.5	5.7	------------	------------	7.2	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.81	62.12	63.11	61.11	62.38	63.23	62.29	26.4	26.2	28.5	27.6	26.5	26.3	26.9	29.6	24.1	81	82	77	86	90	86	83.7	------
2	61.71	61.87	62.47	60.58	61.30	62.12	61.68	25.8	26.3	29.1	29.1	27.5	26.9	27.4	29.9	25.6	88	84	76	74	79	79	80	------
3	60.58	60.48	61.19	59.15	59.77	60.83	60.33	26.4	26.3	30	29.5	27.8	27	27.8	30.7	25.9	82	82	71	70	74	79	76.3	------
4	60.08	60.87	61.51	59.11	60.07	61.29	60.49	26.2	26.5	27.7	28.5	27.5	27.1	27.2	29	25.8	85	79	76	75	79	82	79.3	------
5	60.11	60.35	61.30	59.31	60.27	60.78	60.35	25.4	25.2	27.8	28.6	27	24.5	26.4	29.8	24	88	92	82	79	84	94	86.5	25.4
6	59.02	59.75	60.61	58.65	59.15	60.45	59.60	26	24.4	28.9	30.4	27.8	27.4	27.5	30.6	24.1	85	92	74	72	82	81	81	2
7	59.04	59.63	60.11	58.21	59.14	60.27	59.40	26.5	26.5	28.9	29.3	28	27.3	27.8	30.6	25.8	86	86	83	70	85	85	82.5	.3
8	59.34	59.47	60.17	58	58.80	60.40	59.36	26.8	27	27.6	27.8	27	26.5	27.1	28.7	25.4	86	84	87	90	93	92	88.7	9.4
9	58.88	59.41	60.30	58.47	59.97	61	59.67	24.3	23	28.3	29.3	28	26.8	26.6	30	22.6	91	97	79	74	82	86	84.8	2.5
10	59.24	59.88	60.61	58.51	59.57	60.76	59.76	25.7	26.1	28.8	29.2	26.4	26.4	27.1	29.7	25	87	87	73	72	86	86	81.8	.3
11	59.40	59.80	60.10	58	58.76	59.88	59.32	26.3	26.3	29.7	28.7	26.9	26.5	27.4	30.2	25	84	82	72	71	83	86	79.7	------
12	59.30	59.58	60.52	58.34	58.98	60.20	59.49	26.1	26	30	29.1	27.5	26.9	27.6	30.4	25.6	87	87	73	71	82	85	80.8	------
13	58.96	59.65	60.39	58.34	59.27	60.46	59.51	26.5	26.2	29.6	30.8	28.2	27.3	28.1	31.1	25.9	85	86	74	69	83	86	80.5	------
14	59.39	60.05	60.75	58.30	59.47	60.35	59.72	26.9	24.6	29.5	28.9	27.1	27	27.3	30.8	24	84	92	74	78	87	85	83.3	8.4
15	59.19	59.40	60.44	58.16	59.10	60.42	59.45	26.3	26.3	29.3	29.6	28	26.8	27.7	30.7	25.1	86	86	74	76	81	82	80.8	------
16	59.13	59.46	60.11	57.46	58.10	59.54	58.97	26.4	26.4	30	29.6	28	27.1	27.9	30.4	25.9	83	83	73	74	81	83	79.5	------
17	58.79	58.86	59.90	57.70	58.50	59.55	58.88	26.1	24.5	29	29	27.6	27.2	27.2	29.7	24.3	83	92	71	76	83	80	80.8	------
18	58.77	58.88	60.24	58.35	58.70	60.40	59.22	26.5	26.3	29	30	27.6	27	27.7	30.1	26	82	82	72	69	80	80	77.5	------
19	59.48	59.90	60.97	58.68	59.67	60.74	59.91	26.5	26	29.4	30.5	28	27.4	28	30.8	25.6	82	85	72	72	81	84	79.3	------
20	60.08	60.45	61.24	59.35	59.81	60.75	60.28	26.4	26.8	29.1	29	27.5	27.5	27.7	30	24.7	91	88	76	78	82	84	83.2	------
21	60.10	60.75	61.36	59.42	59.79	60.91	60.39	27	25.9	26.8	27.8	27.5	27.5	27.1	29	24.2	85	88	86	82	83	83	84.5	------
22	60.10	60.58	61.57	59.25	59.72	61.09	60.38	27	27	29.2	30	27.9	27.2	28	30.4	26.6	81	81	71	69	77	81	76.7	------
23	59.92	60.47	61.21	58.96	59.74	60.77	60.18	26.5	24.5	29	28.9	28	27.8	27.4	30	24	80	92	74	75	83	84	81.3	------
24	59.91	60.57	61.32	58.70	59.40	60.85	60.12	27.1	26.6	29.5	28.8	28.3	27.1	27.9	30.2	26.4	87	87	73	74	80	83	80.7	------
25	59.48	59.48	60.54	58.70	60.07	61.55	59.97	26.9	26.8	29.5	30	28	27.6	28.1	30.8	26.5	84	82	73	68	77	79	77.2	------
26	60.56	60.73	60.94	59.06	60.40	61.41	60.52	27	27.3	28.3	28.4	26.7	27	27.4	28.9	25.8	82	81	76	77	90	90	82.7	3.3
27	60.38	60.57	61.74	59.82	60.82	61.62	60.82	27	27	29.7	27.8	25	26.6	27.2	29.7	24.2	89	88	78	84	95	91	87.5	33.8
28	60.90	60.97	61.72	59.09	59.86	60.87	60.57	26.5	26.6	25.9	27	27	26.3	26.6	28.8	25.1	87	87	92	85	77	85	85.5	6.6
29	59.12	59.49	60.78	58.76	60.03	61.22	59.90	26.4	25.5	26.8	28.5	25.7	26.5	26.6	29.7	24.7	84	91	86	77	90	86	85.7	2
30	60.01	60.08	61.36	59.21	60	61.16	60.30	26	26.1	27.3	28.6	27.5	26.3	27	29	25.6	90	89	86	81	86	86	86.3	.5
Mean	59.76	60.12	60.95	58.82	59.69	60.83	60.03	26.4	26	28.7	29	27.4	26.9	27.4	30	25.1	85.2	86.5	76.8	75.6	83.2	84.4	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	94.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	N	E	NE	77.8	58.1	88.7	56.1	280.7	8	A.-Cu. E	S.-Cu. ENE	9	Ci.	S.-Cu. NE
2	NE	NE	NE	NE	NE	NE	69.4	89.8	144.8	98.7	402.7	3	Ci.	S.-Cu. NE	7	A.-Cu. NE	Cu. NE
3	NE	NE	NE	NE	NE	NE	71.4	63.8	90.1	73.2	298.5	2	Ci.	S.-Cu. E	8	A.-Cu. NE	Cu. NE
4	NE	NE	NE	N	N	N	56.8	96.4	114.8	73.2	341.2	3	------	Cu. NE	4	------	Cu. N
5	N	N	N	N	N	NE	37.6	56.5	120.1	63.3	277.5	8	A.-Cu. S	S.-Cu. NE	6	Ci.	Cu.-N. N
6	NE	Calm	Calm	NE	NE	NE	48.3	19.3	85.1	91.9	244.6	2	Ci.	S.-Cu.	5	Ci.	Cu. NE
7	NE	NE	NE	Calm	NE	NE	69.7	56	84.8	107.2	317.7	8	A.-Cu. ENE	S.-Cu. NE	6	Ci.	Cu. NNE
8	NE	NE	NE	NNW	NE	Calm	120.9	123.3	118.9	36.8	399.9	6	------	S.-Cu. NE	8	Ci.	N. NE
9	Calm	NE	Calm	N	N	NE	34.9	25.7	84.5	91.2	236.3	1	------	Cu.	4	------	Cu. NE
10	NE	NE	NE	N	N	NE	85.5	95.6	153.4	96.3	430.8	4	------	S.-Cu. NE	7	A.-Cu. ENE	S.-Cu. NE
11	NE	NE	NE	NE	NE	NE	77	123.4	186.5	77.2	464.1	1	------	Cu. NE	9	A.-Cu. E	S.-Cu. NE
12	NE	NE	NE	NE	NE	NE	48.6	67.8	91.7	59.8	267.9	7	------	S.-Cu. NE	6	Ci.-Cu. NE	Cu. NE
13	NE	NE	Calm	NE	NE	NE	50.7	------	------	91.5	------	4	Ci.	Cu. NE	5	Ci.	Cu. ENE
14	NE	Calm	Calm	NNW	NbyE	NE	35.7	30.9	142.7	107	316.3	3	A.-S.	Cu.	7	Ci.	Cu. NE
15	NE	NE	NE	NE	NE	NE	56.6	42.4	129.8	75.8	304.6	4	Ci.	S.-Cu. NE	9	A.-Cu. ENE	S.-Cu. NE
16	NE	NE	NE	NE	NE	NE	60.4	68.7	138.7	92.8	360.6	4	------	S.-Cu. ENE	8	A.-Cu. E	Cu. NE
17	NE	Calm	NE	N	N	NE	34.1	23.1	115.3	89.1	261.6	2	A.-S.	Fr.-S. NE	4	------	Cu. E
18	NE	NE	Calm	NE	N	NE	61	43.3	103.8	81.3	289.4	1	------	Cu.	5	A.-Cu. E	Cu. N
19	NE	Calm	NE	NE	N	NE	40	55.5	96.6	78.4	270.5	4	Ci. W	Fr.-S. NE	4	------	Cu. NE
20	Calm	NE	NE	N	N	N	39.4	64.9	95.3	76.9	276.5	6	Ci.-Cu.	S.-Cu. NNE	4	Ci.	Cu. N
21	N	N	N	N	N	NE	49.9	88.7	140	113.2	391.8	9	A.-Cu. NE	N. NE	9	A.-Cu. E	S.-Cu. N
22	NE	NE	NE	NE	NE	NE	81.1	103.6	144.2	91.1	420	10	Ci.	S.-Cu. ENE	5	A.-Cu. ENE	Cu. NE
23	NE	Calm	Calm	N	N	NE	36.4	24.1	95.3	74.8	230.6	3	Ci.	Fr.-Cu. NE	4	A.-Cu. E	Cu. NE
24	NE	NE	NE	N	NE	NE	46.9	55.5	99.8	74.5	276.7	4	Ci.	Cu. NE	4	Ci.	Cu. NE
25	NE	NE	NE	NE	NE	NE	79.7	118.1	163.8	150	511.6	4	Ci.	S.-Cu. NE	6	Ci. SE	Cu. NE
26	NE	NE	NNE	NE	NNE	NE	158	220.3	144.2	100.8	623.3	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
27	NE	NE	NE	NE	N	NE	88	72.6	88.7	70	319.3	8	Ci.-Cu.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
28	NE	NE	NE	NE	NE	NE	77.4	88.2	71.4	56.8	293.8	9	Ci.	N. NE	8	A.-Cu. E	S.-Cu. ENE
29	NE	NE	E	NE	Calm	E	66.5	59.3	45.6	37.2	208.6	10	Ci.	N. NE	9	A.-Cu. E	S.-Cu. ENE
30	E	NE	NbyE	NE	NE	NE	42.8	49.9	52.8	35.1	180.6	8	A.-Cu. E	S.-Cu. ENE	9	A.-Cu. ENE	S.-Cu. ENE
Mean	------	------	------	------	------	------	63.4	71.9	111.4	80.7	327.5	5.2	------	------	6.6	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ= 121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.07	60.16	61.10	59.37	59.77	61.30	60.30	26.5	26.5	28.7	28	27.6	27	27.4	29.6	26.1	86	90	79	82	84	86	84.5	6.9
2	60.88	60.98	61.54	59.65	60.29	60.95	60.72	26.2	26.1	28.8	29.5	27.1	26.7	27.4	30	25.7	87	88	79	76	87	86	83.8	-----
3	59.98	60.61	61.45	59.16	59.87	60.60	60.28	26	24	29.6	30	27.9	27	27.4	30.5	23.6	85	93	79	74	83	86	83.3	3.3
4	59.78	60.12	60.90	58.85	59.50	60.62	59.96	25.9	26.4	29.1	28.2	26.8	26.4	27.1	30.3	24.9	92	89	78	83	89	90	86.8	15.8
5	59	59.20	60.50	58.27	59.36	60.46	59.46	25.1	26	28.8	27.7	27	26.5	26.8	29.4	24.8	98	90	81	84	86	90	88.2	6.9
6	59.95	59.97	60.81	58.66	59.59	60.70	59.95	26.1	26.1	29	29.9	27.7	26.9	27.6	30.4	25.3	91	91	81	75	84	85	84.5	-----
7	60.01	60.23	61.27	59.19	59.61	61.02	60.22	26.8	26.4	28.2	29.3	26.8	26.1	27.3	29.9	25.1	83	85	77	73	83	87	81.3	8.1
8	59.39	59.52	60.52	58.32	59.04	60.28	59.51	26.1	26	27.5	27.7	26.5	26	26.6	28.3	25.4	87	88	84	83	88	83	85.5	3.8
9	59.67	59.78	61.25	59.02	59.83	60.91	60.08	25.7	25.7	26.5	26.4	25.7	25.5	25.9	26.7	24.6	86	86	88	84	86	88	86.3	8.1
10	59.70	60.16	60.91	58.73	59.38	60.37	59.88	26	25.4	28.5	28.5	26.6	25.9	26.8	29.5	24.8	91	88	80	81	87	89	86	-----
11	59.68	60.35	61.22	58.52	59.40	60.48	59.94	25.9	25.2	27	27.5	25.5	26.1	26.2	28.3	24.6	86	88	84	82	93	87	86.7	10.7
12	59.55	59.57	60.83	58.87	60	60.76	59.93	26	26	27	24.9	26.3	26.3	26.1	27.2	24.4	89	89	88	92	90	93	90.2	13
13	59.66	60.12	62.26	59.58	59.88	61.13	60.44	26.2	25.6	24.3	25.8	26.5	25.9	25.7	27.1	23.7	89	92	91	75	82	82	85.2	2
14	60.16	60.93	62.05	59.47	60.20	61.43	60.71	25	22.8	26.4	27.7	26.2	25.7	25.6	28.3	22.1	83	92	76	78	86	89	84	-----
15	60.65	60.47	61.28	59.20	60.40	61.75	60.62	25.7	25.3	28.3	27.7	26.8	26	26.6	28.9	24.8	88	89	77	79	85	88	84.3	5.1
16	60.49	61.56	62.95	60.71	60.96	62.27	61.49	24.7	25.1	26.1	27.3	26.9	26	26	28.3	24	90	92	86	77	84	89	86.3	-----
17	61.28	62.42	63.32	60.95	61.30	62.32	61.93	24.2	22.5	27.5	29	27	26.4	26.1	29.4	22.1	86	96	78	74	80	84	83	-----
18	61.36	61.65	63.18	60.86	61.24	61.82	61.68	25.7	25.7	27.5	29.6	27.1	26.4	27	30.2	25.3	86	86	77	69	80	81	79.8	-----
19	60.57	60.48	61.92	60.52	60.98	61.78	61.04	26	26	27	25.8	26	24.5	26	28.8	24.8	84	84	86	89	87	89	86.5	12.4
20	60.53	60.94	62.07	59.92	60.92	61.48	60.98	25	25	25.7	28	26.4	26	26	28.2	24	91	89	88	78	82	88	86	4.8
21	60.13	60.35	61.28	58.72	59.68	60.38	60.09	25.7	25.8	26	26.1	25.8	26	25.9	27	24.4	89	89	92	89	93	89	90.2	20.1
22	59.65	59.76	60.88	58.67	59.65	59.95	59.76	25.7	24.5	27	27.6	26.8	24.6	26	28.1	23.8	91	96	86	83	87	95	89.7	-----
23	59.73	60.17	61.47	59.67	60.86	62.08	60.66	23.6	23.2	26.8	27.7	26.4	25.7	25.6	28.4	22.9	93	97	82	83	86	89	88.3	1
24	61.13	61.15	62.32	59.81	60.61	62.36	61.23	25.7	25.7	27.4	29.1	27.5	26	26.9	29.9	24.5	88	88	81	77	85	87	84.3	1.3
25	61.31	62.20	63.39	61.04	61.79	63.01	62.12	23.1	21.5	26	27.8	26.8	26.7	25.3	28.5	21.4	97	98	78	67	80	79	83.2	-----
26	61.72	62.55	63.32	61.40	62.20	63.18	62.40	26.2	25.1	28.4	29.1	26.9	26.1	27	29.7	24.7	81	82	70	68	73	76	75	-----
27	61.92	63.13	64.10	61.60	61.85	62.98	62.60	26	26	28.3	28	26	26.1	26.7	29	25.1	77	77	68	70	84	82	76.3	.8
28	61.57	62.61	63.46	61.19	61.30	62.57	62.12	25.9	25.5	28.3	29.3	26.6	25.8	26.9	30.2	25.1	83	85	70	60	74	77	74.8	-----
29	61.77	61.98	62.51	59.97	60.05	60.65	61.16	25.7	25.5	28.5	29.5	25.5	25.5	26.7	29.7	25.2	75	76	64	65	81	83	74	-----
30	59.91	60.47	61.67	59.62	60.20	61.55	60.57	25	23	27.4	29.1	27	26	26.2	29.5	22.4	88	90	78	71	77	79	80.5	-----
31	60.61	61.67	62.81	60.54	60.90	62.05	61.43	25.3	21.5	27.8	29.6	26.9	26.2	26.2	29.6	20.8	74	91	75	66	77	82	77.5	-----
Mean	60.38	60.81	61.89	59.68	60.34	61.39	60.75	25.6	25	27.5	28.1	26.7	26.1	26.5	29	24.2	86.9	88.8	80	77	84	85.7	83.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	124.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	N	NE	NE	30	41.3	56	55.3	182.6	8	A.-Cu. E	S.-Cu. ENE	5	A.-Cu. E	Cu. NE
2	NE	NE	NE	NE	NE	NE	30.8	43.3	53.3	41.2	168.6	6	Ci.-Cu. E	S.-Cu. ENE	4	A.-Cu. E	Cu. NE
3	NE	Calm	NE	NE	NE	NE	21.2	29.8	48.8	44.5	144.3	5	A.-S.	S.-Cu. E	7	A.-Cu. E	Cu. NE
4	NE	NE	NE	NE	NE	N	44.8	40	44	44.8	173.6	8	A.-Cu. E	S.-Cu. NE	9	Ci.	S.-Cu. NE
5	NE	Calm	NE	NE	NE	Calm	36.5	26.3	48.3	33.6	144.7	9	A.-Cu. E	S.-Cu. NE	9	A.-Cu. E	S.-Cu. NE
6	Calm	NE	NE	NE	NE	NE	34	51.7	53.3	42.6	181.6	9	A.-Cu. NE	S.-Cu. NE	6	Ci. W	Cu. NE
7	NE	NE	NE	NE	NE	E	36.2	47.7	46.2	41.5	171.6	5	Ci.	S.-Cu. NE	6	A.-Cu. NE	Cu. NE
8	E	E	NE	NE	NE	NE	53.1	58.9	67.8	65.5	245.3	8	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
9	Calm	NE	NE	NE	NE	NE	35.7	70.5	90.6	63	259.8	10	Ci.	S.-Cu. NE	10	Ci.	N. NE
10	NE	N	NE	NE	NE	NE	67.8	71.8	71	59.8	270.4	6	Ci.	S.-Cu. NE	10	Ci.	S.-Cu. NE
11	NE	NE	NE	NE	NE	NE	46.2	66.3	65.4	71.6	249.5	1	Ci.	Cu.	10	Ci.	N. NE
12	NE	NE	NE	ENE	N	NE	68.4	72.7	64.2	70.5	275.8	8	Ci.-Cu.	S.-Cu. NE	10	Ci.-S.	N. NE
13	NE	NE	E	E	NE	NE	65.2	72.2	47.2	54.1	238.7	9	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
14	Calm	NW	W	NW	N	NE	52.9	46.1	76.1	70.8	245.9	8	A.-Cu. NE	-----	10	A.-Cu. NE	S.-Cu. NE
15	NE	NE	NE	N	NNW	NE	50.2	56.5	70.6	64.9	242.2	9	A.-Cu. ENE	S.-Cu. NE	4	Ci.	Cu. NE
16	NW	NE	NE	NE	NE	NE	75	41.3	58.7	29.6	204.6	10	A.-Cu. E	S.-Cu. E	8	A.-Cu. E	S.-Cu. E
17	NE	NW	Calm	NW	N	NE	47.7	37.6	75.1	66.8	227.2	6	A.-Cu. NE	S.	4	Ci.	Cu. NE
18	NE	NE	NE	NE	NE	NE	47.7	56.6	71.8	67.4	243.5	4	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
19	NE	NE	NE	N	NE	NE	69.4	60.7	78.1	91.4	299.6	4	Ci.	S.-Cu. NE	10	Ci.	N. NE
20	NE	NE	NE	NNE	NE	N	88.5	82.1	78.9	69	318.5	9	Ci.	S.-Cu. NE	6	Ci.	Cu. NE
21	N	N	N	N	N	N	72.7	75.3	70.2	56.6	274.8	10	Ci.-S.	S.-Cu. NE	10	A.-Cu.	S.-Cu. NE
22	N	N	Calm	N	N	N	24.6	34.8	74.6	34	168	8	Ci.	S.-Cu. E	5	A.-Cu. E	Cu. NNW
23	NW	NW	NW	NW	NE	NE	46.9	45.6	79.4	103	274.9	9	Ci.	S.-Cu. N	4	A.-Cu. NE	Cu. N
24	NE	NE	NE	E	NE	E	74.3	46.5	47.7	44.9	213.4	8	Ci.	S.-Cu. NE	6	A.-Cu. NE	S.-Cu. NE
25	E	S	SE	E	E	E	57.7	50.2	78.1	72.6	258.6	0	Ci.	S.	4	A.-Cu. E	Cu. E
26	E	E	E	NE	NE	NE	62.3	57.9	85.5	78.3	284	2	Ci.	Cu.	3	-----	Fr.-Cu. NNE
27	NE	NE	NE	NE	NE	NE	100.6	90.3	93.6	-----	-----	6	-----	S.-Cu. NE	9	A.-Cu. ENE	S.-Cu. NE
28	NE	NE	NE	NE	NE	NE	-----	75.1	92.3	104.9	-----	3	Ci.	Cu.	2	Ci.	Cu.
29	NE	NE	NE	NE	N	N	84.5	78.7	71.1	72.4	306.7	4	Ci. N	S. NE	6	Ci.	Cu. NE
30	N	Calm	Calm	NE	NE	NE	-----	35.9	73	66.5	-----	6	A.-Cu. NE	S.-Cu. NE	6	A.-Cu. NE	Cu. NE
31	NE	Calm	Calm	NE	NE	NE	31.9	40.7	78.9	66	217.5	1	Ci.	Cu.	4	-----	Cu. NE
Mean	-----	-----	-----	-----	-----	-----	53.7	55	68.1	61.6	231.6	6.4	-----	-----	6.8	-----	-----

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 [a] meters gravity correction not applied, —1.74 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.83	64.16	64.71	62.57	63.90	64.59	63.97	23.5	23	26	28.4	24.2	24	24.8	28.5	22.4	82	83	72	65	82	80	77.3	------
2	63.50	63.68	64.32	62.10	63.39	64.68	63.61	23.8	24	28.6	27	24.5	23.7	25.3	30	22.8	77	81	60	70	81	85	75.7	------
3	63.67	63.93	64.89	64.08	64.65	65.75	64.50	24	23.2	25.6	25	24	22.5	24	27.7	21.8	80	81	71	76	77	87	78.7	------
4	64.01	64.35	64.91	63.84	63.99	64.97	64.34	22.1	22.6	26.6	27	24	24	24.4	28.1	21.5	90	78	72	71	71	75	76.2	------
5	64	64.51	64.97	62.02	62.92	65.10	63.92	23	22.6	28.5	29.3	25.5	22.7	25.3	31	21.5	83	86	64	59	77	89	76.3	------
6	63.70	63.83	64.63	62.13	63.16	64.76	63.70	22.5	22	29	30.4	26.5	21.6	25.3	31.5	21	88	91	61	60	71	91	77	------
7	63.69	64.04	64.67	62.24	63.58	64.87	63.85	21.8	21.4	29.3	30.5	24.5	22.3	25	31.2	20.1	93	92	59	56	75	88	77.2	------
8	64.25	64.92	65.86	64.37	65.57	66.73	65.28	22.6	22	26.5	24.5	23.3	22	23.5	27.8	21.2	86	88	73	79	80	82	81.3	1
9	65.22	65.59	67.47	65.64	66.38	66.64	66.16	22	21.6	25.7	26	22.2	22	23.2	26.8	21	84	77	64	62	64	66	69.5	------
10	65.81	66.03	66.62	64.57	65.02	65.56	65.60	21.5	21	26.6	27.7	23	21.6	23.6	28.6	20.5	73	73	58	52	66	69	65.2	------
11	64.98	64.76	65.27	62.95	63.29	64.02	64.21	20.8	18.5	26.2	27.5	23.2	21.4	22.9	28	18.2	75	85	57	53	73	84	71.2	------
12	62.81	62.96	63.26	61.26	61.95	63.14	62.56	21.8	22	26.6	29.5	25.1	23.8	24.8	30	18	79	86	68	58	75	77	73.8	------
13	62.05	61.99	62.65	61.19	61.87	62.06	61.97	23.5	23	27.6	28	25.1	23.6	25.1	28.5	21.9	85	88	66	63	80	86	78	------
14	61.95	62.24	62.80	61.70	62.15	62.83	62.28	23.6	22.5	28.6	26.5	25	24	25	29	22	86	89	66	80	80	80	80.2	2.3
15	62.01	63.04	63.25	61.53	62.63	63.24	62.62	24.3	24	27.7	27.5	25.5	23.6	25.4	29.8	22.7	86	75	65	66	72	80	74	------
16	62.89	63.31	63.78	61.60	63.29	63.52	63.06	22.6	21.5	28.1	29.3	26	23.4	25.2	30	20.5	86	92	70	56	63	80	74.5	------
17	63.23	63.36	64.13	61.57	63.14	64.04	63.24	22.4	22	28	30	25	23	25.1	30.3	19.9	90	86	63	59	68	79	74.2	------
18	63.05	63.18	63.87	60.88	61.88	63.01	62.64	23	22	27.8	30.8	26	23.8	25.6	31.2	21	84	87	65	54	69	77	72.7	------
19	62.09	62.21	62.17	59.02	60.82	62.43	61.46	20	21.3	26.7	30.3	26	23.5	24.6	30.9	18	91	88	64	57	69	79	74.7	------
20	61.19	61.74	62.12	59.47	60.70	61.37	61.10	22	20	27.6	30	25.5	24.5	24.9	30.2	19	86	91	62	59	69	75	73.7	------
21	60.70	60.78	61.79	59.69	60.88	61.83	60.94	23.7	23.5	28.4	30.5	25.6	24.3	26	30.6	22.5	81	79	61	54	69	81	70.8	------
22	61.41	61.69	62.69	60.62	61.24	62.33	61.66	24	23.2	27.5	29.5	25.2	25	25.7	30	22.5	84	84	66	65	76	76	75.2	2.3
23	61.89	61.81	62.90	60.75	61.93	62.89	62.03	24	23	24	27	24.3	23.8	24.4	28	22.2	85	88	84	70	78	77	80.3	------
24	62.10	62.24	63.09	60.56	61.18	62.14	61.88	22.9	22.2	27.2	30	25	23.6	25.2	30.3	21.9	83	84	68	53	71	78	72.8	------
25	61.32	61.51	62.10	59.91	60.80	61.91	61.26	23.2	21.2	28.7	29.5	26	24.5	25.5	30	20	86	89	59	59	70	79	73.7	------
26	61.24	61.31	62.14	60.67	61.89	62.93	61.70	24	23	28.5	30	25.2	23.6	25.7	30	22.5	91	76	67	59	67	73	72.2	------
27	62.30	62.59	62.54	60.67	61.59	62.44	62.02	23.6	23.1	28.5	29.8	25.5	24.3	25.8	30	23	75	78	60	60	65	73	68.5	------
28	62.14	62.25	62.32	59.81	60.45	61.33	61.38	23.2	21	28.1	29.5	25.4	24.2	25.2	30.1	20.3	78	86	63	61	73	74	72.5	------
29	61.26	61.34	61.90	59.72	60.57	61.46	61.04	21.2	21	28.4	28.2	25.8	24.3	24.8	29.5	20.3	90	91	61	62	70	73	74.5	------
30	61.14	61.16	61.40	59.56	60.77	61.44	60.91	21.3	22	28.2	30.8	26.4	24.3	25.5	31	20	88	82	62	54	73	84	73.8	------
31	61.53	61.65	61.97	60.21	60.44	61.64	61.24	22	21.1	29.6	29.8	27	22.5	25.3	32.2	20.1	88	94	58	61	67	80	74.7	------
Mean	62.74	62.97	63.59	61.51	62.45	63.41	62.78	22.7	22.1	27.6	28.7	25	23.4	24.9	29.7	21	84.3	84.8	64.8	61.7	72.3	79.3	74.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	4	E	3	ENE	3	ENE	3	ENE	3	ENE	3	6	Ci.-S.	Cu. SE	7	Ci.-S.	S.-Cu. SE
2	ENE	3	ENE	3	ENE	3	ENE	3	ENE	3	NE	3	7	Ci.-S. SSE	Cu. SE	8	Ci.-S.	Cu. SE
3	ENE	3	ENE	3	ENE	3	NE	3	NE	2	ENE	2	6	Ci.-S.	Cu. E	8	Ci.-S.	S.-Cu. E
4	E	3	ENE	3	ENE	3	NE	2	ENE	3	ENE	3	8	Ci.-S. SE	S.-Cu. E	7	Ci.-S.	Cu. E
5	NE	3	NE	1	NE	1	NE	1	NE	1	NE	1	7	Ci.-S. SE	S.-Cu. E	6	Ci.-S.	Fr.-Cu. E
6	NE	1	NE	1	ENE	3	ENE	2	Calm	----	E	1	4	Ci.	Cu. E	5	Ci.	Cu. E
7	NE	1	E	1	NE	2	NE	2	ENE	1	NE	1	4	Ci.	Fr.-Cu. E	8	Ci.-S.	S.-Cu. E
8	ENE	1	ENE	1	ENE	2	NE	3	ENE	3	ENE	3	5	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. E
9	NE	3	NE	3	ENE	4	NE	3	ENE	3	NE	3	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
10	NE	3	NE	3	NE	3	NE	3	NE	3	NE	2	5	Ci.	Cu. E	6	Ci.	Cu. E
11	NE	2	NE	1	E	3	ENE	2	NE	3	NE	2	5	Ci.	Cu. E	6	Ci.	Cu. E
12	ENE	1	ENE	2	NE	2	NE	3	NE	2	NE	2	6	Ci.-S.	Cu. E	7	Ci.-S. SSE	Cu. E
13	NE	2	NE	1	ENE	2	E	3	ENE	2	NE	2	5	Ci.	Cu. E	8	Ci.-S.	S.-Cu. E
14	NE	2	NE	1	NE	3	NE	2	NE	1	NE	1	8	Ci.-S. S	S.-Cu. E	9	Ci.-S.	S.-Cu. E
15	NE	2	ENE	3	ENE	3	NE	3	ENE	3	NE	2	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
16	NE	2	ENE	1	ENE	1	E	2	NE	1	NE	1	9	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
17	ENE	1	SW	1	E	2	ENE	2	ENE	1	NE	1	8	Ci.-S.	S.-Cu. E	5	Ci.-S.	Cu. E
18	ENE	2	NE	2	ENE	2	ENE	2	ENE	1	ENE	1	4	Ci.	Cu. E	7	Ci.-S.	Cu. E
19	NE	1	NE	1	ENE	2	ENE	2	NE	1	ENE	1	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. E
20	ENE	1	ENE	1	ENE	2	ENE	2	NE	2	NE	2	4	Ci.	Cu.	5	Ci.-S.	Cu. E
21	NE	2	NE	3	NE	3	E	3	NE	2	NE	1	8	Ci.-S.	Cu. E	9	Ci.-S.	S.-Cu. E
22	NE	1	ENE	1	NE	3	ENE	3	NE	2	NE	3	9	Ci.-S.	S.-Cu. E	5	Ci.-S.	Cu. E
23	NE	1	NE	1	E	2	NE	3	ENE	3	NE	3	8	Ci.-S. SE	S.-Cu. E	9	Ci.-S.	Cu.-N. E
24	NE	2	NE	2	NE	3	NE	3	NE	3	NE	1	8	Ci.-S. SE	Cu. E	6	Ci.-S.	Cu. E
25	NE	1	E	1	ESE	2	ENE	3	ENE	3	NE	3	4	Ci.	Cu. E	6	Ci.-S. SE	Cu. E
26	NE	2	NE	2	ENE	3	ENE	3	ENE	1	E	2	7	Ci.	Cu. E	5	Ci.-S.	Cu. E
27	ENE	2	ENE	2	NE	3	ENE	3	NE	2	ENE	2	8	Ci.-S. S	S.-Cu. E	6	Ci.-S.	Cu. E
28	NE	1	Calm	----	NE	1	ENE	3	ENE	3	ENE	1	6	Ci.	Cu. E	7	Ci.-S.	Cu. E
29	E	1	E	1	NE	3	ENE	2	ENE	1	E	1	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
30	NE	1	NE	1	ENE	2	ENE	2	ENE	1	ENE	1	5	Ci.	Cu.	5	Ci.-S.	Cu. E
31	E	1	ESE	1	E	2	NE	1	ESE	3	E	1	4	Ci.	Fr.-Cu. E	6	Ci.-S.	Cu. E
Mean	-------	1.8	-------	1.6	-------	2.5	-------	2.5	-------	2	-------	1.8	6.3	------------	------------	6.9	------------	------------

[a] This is an approximate height of the barometer above sea level.

AMBULONG, TANAUAN.[a]

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.01	61.14	61.67	59.68	59.82	61.15	60.74	22.3	22.6	30	30.5	27	24	26.1	32	21	88	84	65	63	67	72	73.2	------
2	60.28	60.69	61.52	59.41	60.17	61.67	60.62	23.5	22	28.2	29	26.5	24	25.5	30	21.6	82	91	58	59	60	80	71.7	------
3	60.76	61.59	62.49	60.23	60.74	62.15	61.33	22	23.5	28.5	28	25	24.5	25.2	29.9	20.9	91	84	64	63	79	75	76	------
4	61.14	61.31	61.60	59.80	60.37	61.59	60.97	21.5	23	29	26	24.6	23	24.5	30	21.5	88	88	58	80	87	88	81.5	2.3
5	60.51	61.45	62.34	60.12	60.72	61.95	61.18	23.2	21.8	28.9	30	26.8	24	25.8	31.7	21	81	84	58	59	71	80	72.2	------
6	61.33	61.56	62.92	60.27	60.84	62.03	61.49	22.6	22	26.6	30.6	26.5	21.5	25	30.9	20.5	89	91	65	55	59	87	74.3	------
7	61.20	61.39	62	59.72	60.27	61.33	60.98	21.1	21	28.5	28	25.5	23	24.5	31	19.5	90	91	60	63	65	79	74.7	------
8	61.12	61.61	62.88	60.36	60.88	62.14	61.50	21.5	21.6	26	29.6	26.2	21.3	24.4	30	19.5	88	86	69	55	60	88	74.3	------
9	61.11	62.14	63.04	60.91	61.53	63.08	61.97	21.7	21	28.8	31	26.2	24.5	25.5	31	20.8	87	91	59	55	65	75	72	------
10	62.13	62.30	62.97	60.94	61.29	62.73	62.06	23	23	27.4	28	24	23	24.7	29	22.1	83	83	67	63	77	83	76	------
11	62	62.51	63.42	61.46	61.97	63.14	62.42	22.5	22.7	26.6	30.4	25.5	24	25.3	30.5	21.5	87	87	72	56	69	78	74.8	------
12	62.86	62.84	63.78	62.53	62.71	63.74	63.08	23.7	22.5	27.5	24.3	24	23.3	24.2	28.5	21.6	85	83	66	81	75	75	77.5	------
13	63.25	63.39	64.35	62.53	63.08	63.88	63.41	22.6	22	27.5	29	24	22.5	24.6	29	21	81	82	66	59	83	82	75.5	------
14	62.81	63.65	64.34	62.09	62.99	63.59	63.24	21.5	22	25.6	28.8	25	24	24.5	29	21.1	90	87	73	59	70	70	74.8	------
15	62.86	62.11	63.69	61.52	62.30	63.08	62.59	23	20.2	28.8	29.8	26	23.6	25.2	30.2	19.9	76	89	59	56	76	73	71.5	------
16	-----	-----	63.70	61.25	62.70	63.70	62.84	-----	-----	27.4	31	26.7	23.7	27.2	31.6	-----	-----	-----	-----	-----	-----	-----	-----	------
17	62.45	62.10	63.75	61.40	61.35	62.65	62.28	22.5	20.3	28.4	29.7	27.5	21.9	25	30.9	20.2	-----	-----	-----	-----	-----	-----	-----	------
18	61.50	61.75	63.25	61.25	61.60	62.90	62.04	22.2	20.6	28.8	31	29.7	19.8	25.4	31.3	19	-----	-----	-----	-----	-----	-----	-----	------
19	62	62.30	63.20	60.85	61.25	62.55	62.02	18.6	18.9	28	30.3	29.4	23.8	24.8	31.4	18.5	-----	-----	-----	-----	-----	-----	-----	------
20	61.66	62.26	63.17	60.69	61.07	62.30	61.86	21.5	18.8	28	31.8	29	22	25.2	33	17.5	78	83	58	55	53	82	68.2	------
21	61.01	61.44	62.12	60.23	61.07	62.39	61.38	19.8	20	30	30	26	19.2	24.2	32	18.5	83	85	54	55	56	84	69.5	------
22	61.09	61.14	61.77	59.22	60.11	61.63	60.83	20.6	19.5	28	30.6	27	21	24.4	32.8	18	77	86	52	50	57	77	66.5	------
23	60.96	61.76	62.93	60.05	60.06	61.83	61.26	19.7	20	28	33	28	21.6	25	34	18.4	88	91	70	61	70	86	77.7	------
24	61.11	61.51	62.34	59.77	60.29	61.85	61.14	20.6	19	30.5	34.6	28.5	23.5	26.1	35.7	18.4	85	90	62	54	60	79	71.7	------
25	60.84	61.76	62.09	59.67	59.95	62.14	61.08	20.6	20	28.5	34	28.5	21.8	25.6	35.1	19.5	85	91	67	52	54	85	72.3	------
26	61.18	61.93	62.80	60.82	61.49	63.07	61.88	20.5	20	28.6	27.5	24.5	23.5	24.1	30	19	86	91	69	66	76	87	79.2	------
27	61.77	62.94	63.60	61.19	61.57	63.20	62.38	22.9	21.5	29.8	30.5	26.5	24.5	26	33	20.7	83	87	54	56	66	71	69.5	------
28	62.53	63.08	63.89	62.55	62.12	63.55	62.95	23	22.4	28	31	27	25	26.1	31.5	21	92	88	61	56	70	71	73	------
Mean	61.57	61.99	62.92	60.73	61.23	62.54	61.84	21.8	21.2	28.2	29.9	26.5	22.9	25.1	31.2	20.1	85.1	87.2	62.8	59.6	67.7	79.5	73.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	-----	-----	-----	-----	-----	-----	-----	2.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	SW	1	NE	1	NE	1	ENE	1	4	Ci.	Cu. E	5	Ci.-S.	Cu. E
2	NNE	1	ENE	1	ENE	1	E	2	ENE	1	NE	1	5	Ci.-S.	Cu. E	9	Ci.-S.	S.-Cu. E
3	NE	1	ENE	1	NE	3	NE	3	NE	2	NE	2	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
4	NE	1	ENE	1	E	3	ENE	2	NE	1	NE	1	9	Ci.-S. NNW	S.-Cu. E	10	Ci.-S.	Cu.-N. E
5	NE	1	NE	1	E	3	E	2	ENE	1	NE	1	6	Ci.-S.	Cu. E	9	Ci.-S. NW	S.-Cu. E
6	NE	1	NE	1	ENE	3	NE	3	NE	1	NE	1	7	Ci.-S.	Cu. E	6	Ci.-S.	S.-Cu. E
7	NE	1	NE	1	NE	1	ENE	3	NE	3	NE	1	4	Ci.	Cu. E	9	Ci.-S. NW	S.-Cu. E
8	NE	1	ENE	1	NE	2	ESE	2	NE	2	SE	1	9	Ci.-S.	S.-Cu. E	9	Ci.-S. NW	S.-Cu. E
9	NE	2	NNE	2	NE	1	NE	2	ENE	1	NE	2	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
10	NE	3	ENE	3	ENE	3	ENE	3	ENE	3	ENE	2	9	Ci.-S. N	S.-Cu. E	8	Ci.-S.	Cu. E
11	ENE	2	ENE	2	NE	3	ENE	3	ENE	3	NE	2	4	Ci.	Cu. NE	7	Ci.-S.	S.-Cu. NE
12	ENE	1	ENE	1	ENE	2	ENE	3	ENE	1	NE	1	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
13	Calm	----	NE	1	ENE	1	E	2	ENE	2	NE	1	7	Ci.-S. NNE	S.-Cu. NE	8	Ci.-S.	Cu. NE
14	NE	1	ENE	1	ENE	3	ENE	2	ENE	1	NE	2	6	Ci.-S.	Cu. NE	9	Ci.-S.	S.-Cu. NE
15	ENE	1	ESE	2	ESE	2	NE	2	ENE	2	ENE	2	7	Ci.-S.	Cu. NE	8	Ci.-S.	Cu. E
16	-------	----	-------	----	-------	----	-------	----	-------	----	-------	----	----	------------	------------	----	------------	------------
17	-------	----	-------	----	-------	----	-------	----	-------	----	-------	----	----	------------	------------	----	------------	------------
18	-------	----	-------	----	-------	----	-------	----	-------	----	-------	----	----	------------	------------	----	------------	------------
19	-------	----	-------	----	-------	----	-------	----	-------	----	-------	----	----	------------	------------	----	------------	------------
20	E	1	ENE	1	E	3	SW	1	NE	1	ENE	1	3	Ci.	Cu.	5	Ci.	Cu. E
21	E	1	ENE	1	ENE	2	NE	2	Calm	----	NE	1	5	Ci.-S.	Cu. SE	7	Ci.-S.	S.-Cu. SE
22	ENE	1	ESE	1	S	1	S	1	Calm	----	NE	1	2	Ci.	Cu.	6	Ci.-S.	Cu. SE
23	ENE	1	ENE	1	SW	1	NE	1	SW	2	NE	1	8	Ci.	Cu.	5	Ci.-S.	Cu. E
24	NE	1	NE	2	SW	2	SW	1	SW	2	NE	1	4	Ci.	Cu. E	7	Ci.-S.	S.-Cu. E
25	ENE	1	E	1	SW	1	SW	1	SE	2	NE	1	3	Ci.	Cu.	5	Ci.-S.	Cu. E
26	NE	1	NE	1	SW	2	ENE	2	NE	2	NNE	1	5	Ci.	Cu.	10	Ci.-S.	S.-Cu. E
27	NE	2	NE	1	ENE	2	NE	2	ENE	1	NE	3	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
28	NE	1	NE	1	NE	3	NE	3	NE	3	NE	2	6	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
Mean	-------	1.2	-------	1.2	-------	2	-------	2	-------	1.6	-------	1.4	5.7	------------	------------	7.4	------------	------------

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[a] The pressure and temperature for February 16 to 19, are taken from a self-recording instrument.

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.32	63.04	64.03	61.78	62.27	64.03	62.91	24.5	23.2	28.6	28.5	27	25	26.1	31.2	23	76	85	63	67	70	79	73.3	------
2	62.58	63.23	64.09	61.66	62.22	63.84	62.94	24.4	24.5	28.1	28	26.5	24.5	26	30.9	23.6	80	79	64	70	66	71	71.7	------
3	62.67	62.96	63.44	61.27	61.01	61.69	62.17	23.4	23	29	31	26	24.6	26.2	31	22.4	80	87	55	55	62	71	68.3	------
4	60.43	60.68	61.64	59.03	59.06	60.17	60.17	23.9	24	31	30.5	27	26	27.1	32.6	23.5	77	75	53	56	70	72	67.2	------
5	59.26	59.45	59.89	57.39	58.42	59.32	58.96	25.4	24.5	30	30.6	27.5	25.6	27.3	31.8	24	73	82	62	60	70	82	71.5	------
6	58.49	58.56	59.32	56.73	57.55	59.13	58.30	25.2	25	28.5	31	29.5	25	27.4	34	23.1	83	83	74	63	65	77	74.2	------
7	58.43	58.84	59.50	57.12	57.61	59.91	58.57	22.9	23	29	35	30	25	27.5	35.8	22.1	90	91	78	55	65	83	77	------
8	59.21	59.09	59.91	57.50	58.09	59.96	58.96	25.2	24.5	32	31.8	29	24	27.8	33.5	23.2	84	87	55	61	68	87	73.7	------
9	58.61	59.03	60.24	58.68	58.84	59.82	59.20	25.5	23.6	31.6	32	28	25.6	27.7	33.6	23.5	80	90	56	54	66	76	70.3	------
10	59.05	59.57	60.96	58.29	58.49	59.90	59.38	24	24	31.5	32.6	28.5	23.5	27.4	33.2	22.4?	84	83	57	53	60	80	69.5	------
11	58.53	59.33	60.43	57.75	58.22	60.11	59.06	21.5	21	30.9	33	29	22.4	26.3	34	19	87	85	48	50	58	81	68.2	------
12	59.20	60.14	60.97	58.57	59.02	60.94	59.81	23	19	30	32.2	29.5	24	26.3	34.8	19	83	95	65	63	70	78	75.7	------
13	59.83	60.54	61.78	59.40	59.06	61.33	60.32	22	20.4	29.5	35	30	23	26.6	36	19.5	86	91	68	52	56	74	71.2	------
14	60.38	60.96	62.08	59.73	60.21	62.16	60.92	22.4	20	32	34.2	29.5	26	27.4	34.8	19.5	79	91	54	50	49	70	65.5	------
15	60.99	62.02	63.07	60.77	61.40	61.98	61.70	25	25	28	30	23.9	25	26.2	32.4	23.5	83	76	63	59	84	76	73.5	------
16	61.04	61.04	62.27	60.30	60.44	61.87	61.16	24.9	24.5	29.5	30.6	27.5	25.6	27.1	32	23.9	76	76	55	55	62	75	66.5	1.3
17	61.52	62.59	63.39	61.30	62.05	63.41	62.38	25.7	23.5	29	32	28	26	27.4	32.2	23	80	87	61	54	58	72	68.7	.8
18	62.70	63.58	64.75	61.82	62.47	64.36	63.28	24.9	24.5	30.6	32.5	28.5	26	27.8	33.6	24	84	84	62	52	60	80	70.3	------
19	63.04	63.69	63.74	61.02	61.21	62.28	62.50	24	22.8	30.8	32.6	27.5	25.5	27.2	33	22.4	88	92	54	52	54	65	67.5	------
20	60.63	61.43	61.88	58.76	58.57	60.37	60.27	23.8	21.5	31.8	31	29	23.5	26.8	33.8	21.4	80	92	55	59	59	79	70.7	------
21	58.85	60.24	61.02	58.29	58.10	60.20	59.45	20.6	21	31.5	34	30	22	26.5	34.7	20.5	94	91	57	51	42	77	68.7	------
22	59.78	59.83	60.69	58.20	58.67	60.71	59.65	21.7	23.5	30.2	33.1	29.8	24.6	27.2	33.8	20.5	85	87	60	55	56	80	70.5	------
23	59.36	60.13	60.74	58.77	58.68	60.33	59.67	23	21.6	32	32.9	29	25.6	27.4	33.7	20.6	84	86	54	56	58	71	68.2	------
24	59.18	60.25	61.35	58.55	59.12	60.77	59.87	24.5	23	33	32.5	28.5	26	27.9	34.4	23	79	91	50	53	60	73	67.7	------
25	59.68	60.59	61.82	59.30	59.27	60.62	60.21	25	21.7	32	33.5	28.5	26	27.8	34	20.5	76	87	54	48	64	76	67.5	------
26	59.53	60.18	61.52	59.77	59.68	61.27	60.32	24.6	23	28.6	31.6	27.6	25	26.7	32.8	22.9	79	84	57	55	62	73	68.3	------
27	59.99	60.88	62.10	59.25	59.64	61.23	60.52	24	24	27.8	32.2	27	25.5	26.8	32.2	23	83	80	65	53	64	74	69.8	------
28	60.57	60.89	61.94	59.72	60.02	62.07	60.87	25	23.4	30.3	32.5	28	25.5	27.4	33	23	69	76	51	47	63	77	63.8	------
29	61.48	61.37	61.97	59.15	59.32	60.82	60.68	24.3	24	30	33	28.2	25.4	27.5	33	23	86	88	59	50	62	73	69.7	------
30	60.44	60.39	61.19	58.40	58.20	59.72	59.72	24.4	20.6	31	33.8	29.5	22	26.9	34.5	20.2	80	90	51	46	47	78	65.3	------
31	59.65	59.31	59.94	56.90	57.10	58.93	58.64	21	20	30.5	34	29.5	23	26.3	34	19.5	91	91	50	48	43	78	66.8	------
Mean	60.24	60.77	61.67	59.20	59.48	61.07	60.41	23.9	22.8	30.3	32.2	28.3	24.7	27	33.4	22	81.9	85.9	58.4	54.9	61.1	76.1	69.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	3	NE	2	NE	3	NE	3	ENE	2	NE	2	6	Ci.	Cu. E	9	Ci.-S.	N. E
2	NE	2	NE	1	NE	1	ENE	3	NE	2	ENE	3	8	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
3	NE	1	E	1	NE	3	NE	3	NE	2	NE	3	5	Ci.-S.	Fr.-Cu. E	7	Ci.-S.	Fr.-Cu. E
4	NE	1	NE	1	E	1	NE	2	NE	2	ENE	3	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
5	NE	3	NE	1	NE	3	NE	2	NE	2	SW	1	6	Ci.	Cu. E	9	Ci.-S.	S.-Cu. E
6	NE	1	E	1	WSW	1	SW	1	SE	1	NE	1	9	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
7	NE	1	ENE	1	SW	2	SW	2	E	2	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
8	NE	1	ENE	1	E	2	NE	2	E	2	ENE	1	5	Ci.	Cu.	7	Ci.-S.	S.-Cu. E
9	NE	1	NE	1	ENE	3	ESE	2	NE	2	NE	1	6	Ci.	Cu. E	7	Ci.-S.	S.-Cu. E
10	NE	1	S	1	NE	1	ENE	3	ENE	1	NE	1	4	Ci.	Cu.	5	Ci.	Cu. E
11	NE	1	ENE	1	SE	1	NE	3	NE	2	E	1	1	Ci.	------------	5	Ci.-S.	Cu. E
12	NE	1	NE	1	SW	2	SW	3	S	2	NE	1	1	Ci.	------------	5	Ci.-S.	Cu. E
13	ENE	1	ENE	1	SW	2	SW	1	SW	2	NE	1	4	Ci.	Cu. E	7	Ci.-S.	Cu. E
14	NE	1	ENE	1	ENE	2	ENE	2	ENE	2	NE	1	5	Ci.	Cu.	6	Ci.-S.	Cu. E
15	NE	1	ENE	1	NE	2	ENE	2	NE	2	ENE	1	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu. E
16	E	3	ENE	3	NE	3	ENE	3	ENE	3	ENE	2	8	Ci.-S.	S.-Cu. SE	8	Ci.	Cu. SE
17	NE	2	NE	2	NE	3	ENE	3	ENE	2	NE	3	9	Ci.-S.	N. SE	6	Ci.-S.	Cu. SE
18	NE	2	ENE	1	ENE	2	NE	3	ENE	3	NE	2	8	Ci.-S.	Cu.-N. SE	6	Ci.-S.	Cu. SE
19	E	1	Calm	----	NE	3	NE	3	ENE	2	NE	1	7	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
20	NE	1	SE	1	NE	1	SW	2	E	1	E	1	8	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
21	E	1	E	1	SW	2	SW	2	E	2	NE	1	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
22	NE	1	NE	2	NE	2	ENE	2	E	1	NE	1	5	Ci.-S.	Cu. SE	9	Ci.-S.	S.-Cu. SE
23	NE	1	E	1	E	1	NE	3	ENE	2	NE	2	5	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
24	NE	1	ENE	2	NE	1	NE	3	ENE	1	NE	1	5	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
25	NE	1	ENE	1	ENE	2	ENE	3	NE	3	NE	3	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
26	NE	1	ENE	1	ENE	3	E	3	NE	2	NE	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
27	NE	2	ENE	2	NE	3	NE	3	ENE	2	NE	3	7	Ci.-S. E	Cu.-N. SE	6	Ci.-S.	Cu. SE
28	NE	3	NNE	3	ENE	3	NE	3	NE	3	NE	1	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
29	NE	2	NE	2	NE	3	ENE	3	ENE	3	NE	1	5	Ci.	Cu. SE	4	Ci.	Cu. SE
30	ENE	2	ENE	1	N	2	NE	3	E	2	NE	1	4	Ci.	Cu.	5	Ci.-S.	Cu. SE
31	ENE	1	E	1	NE	2	NE	3	NE	2	NE	1	4	Ci.	S.-Cu. SE	5	Ci.-S.	Cu. SE
Mean	-------	1.5	-------	1.3	-------	2.1	-------	2.5	-------	2	-------	1.5	5.8	------------	------------	6.5	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.91	59.24	60.04	57.72	58.15	59.84	58.98	21.5	22.8	30	31.6	29.5	25.6	26.8	32.5	20.6	88	89	61	55	58	76	71.2	------
2	59.06	59.95	60.64	58.88	59.05	60.92	59.75	23.2	22	30.6	32	29.7	23.5	26.8	33	21.9	85	91	55	55	54	83	70.5	------
3	59.72	59.84	61.26	58.92	59.51	60.89	60.02	22.5	23	28.8	32.1	30	26.2	27.1	34	21.4	87	87	65	55	71	79	74	------
4	59.37	59.75	60.78	58.32	59.07	61.02	59.72	24.6	24	30.4	31.8	27	25.7	27.2	33.3	23	83	88	66	58	80	86	76.8	------
5	59.52	60.29	61.07	59.13	59.66	61.04	60.12	25.2	24.2	29	26.5	26.2	25.5	26.1	31	24	89	94	75	76	82	83	83.2	1.5
6	59	59.57	60.53	57.23	58.46	60.23	59.17	24.4	23	29	34.8	29	26.5	27.8	35	23	92	95	71	50	68	77	75.5	------
7	59.08	60.15	60.52	58.02	58.12	60.34	59.37	24.2	24	32	32.4	30.4	26.2	28.2	36.2	22.9	90	88	66	58	66	82	75	1.5
8	59.39	60.19	61.07	58.90	59.50	61.66	60.12	26.2	24	31.5	34.4	29.5	27.5	28.8	35	23.6	86	91	60	49	61	73	70	1.3
9	60.73	61.34	63.12	61.04	61.52	62.68	61.74	26	25	27	29.5	26	25.4	26.5	30	24.5	84	92	84	65	76	77	79.7	8.6
10	61.62	61.77	62.62	60.27	60.73	61.92	61.49	25.6	25.1	28	30.8	27	25.6	27	32.2	24.9	79	78	70	58	70	75	71.7	------
11	60.24	60.65	60.99	58.10	57.97	59.87	59.64	25.2	25	30.6	34	29.5	25	28.2	34.2	23.5	78	77	58	52	61	80	67.7	------
12	58.61	59.72	59.99	57.71	58.54	59.97	59.09	23	23	30.6	35	30.7	27	28.2	36.1	22.1	88	88	68	51	62	77	72.3	------
13	59.31	59.46	60.04	57.97	59.32	60.47	59.43	25	23	32	35.5	23.5	23	27	37.3	22.4	85	88	54	52	92	93	77.3	84.5
14	59.67	60.04	60.78	58.44	59.02	60.88	59.80	23	22.5	31	35.4	29.6	27.3	28.1	35.5	22	96	95	62	55	77	82	77.8	------
15	60.08	60.65	61.75	60.15	60.61	61.91	60.86	26	25.6	32	28.7	28.9	25	27.7	33.2	23.9	89	87	66	73	73	91	79.8	------
16	60.80	61.05	61.32	58.44	58.50	60.13	60.04	24	24	30.8	35.6	30	26.5	28.5	36	22.9	90	92	70	59	68	80	76.5	------
17	59.32	59.67	60.24	57.69	58.03	59.77	59.12	24	23.8	30	35.2	28.5	26	27.9	36	22.5	88	92	69	54	74	84	76.8	------
18	59.42	59.59	60.26	57.81	58.67	60.58	59.39	25.2	24.8	31.6	32.1	29.5	26	28.2	34.4	23.7	90	85	57	57	63	82	72.3	------
19	59.85	59.94	60.62	58.31	59.08	60.48	59.71	25.6	25.5	31.3	33.5	29.6	27.4	28.8	34.2	24.4	85	84	64	53	61	73	70	------
20	60.18	60.98	62.20	60.12	60.66	62.27	61.07	26.2	26	31.2	32.5	30	27.5	28.9	33.8	25.4	85	84	64	63	65	77	73	------
21	60.99	62.22	62.36	59.95	60.90	62.44	61.48	26.8	26	32	34	29.2	26.4	29.1	35	25.5	86	89	63	52	67	78	72.5	------
22	60.12	60.22	61.68	59.27	60.28	60.79	60.39	26.5	26	31.8	28	26.3	25.1	27.3	32	24.7	82	84	64	77	86	92	80.8	7.6
23	59.54	59.92	60.59	58.11	58.29	60.27	59.45	24.9	24.6	30.6	33.4	30	25.2	28.1	34	24	92	95	70	59	67	90	78.8	------
24	58.63	59.49	60.45	58.09	58.35	60.51	59.25	24.2	24	32.6	35	31.5	26	28.9	35.8	23.1	94	96	60	52	54	79	72.5	------
25	59.10	59.74	60.56	57.94	58.69	60.27	59.38	26.5	26	32	34.5	31.5	26	29.4	34.8	24.5	80	85	60	54	60	88	71.2	------
26	59.34	60.67	61.05	58.37	58.38	60.50	59.72	25.6	25.6	32.6	34.6	31	27	29.4	35	24.4	87	91	54	48	59	77	69.3	------
27	59.74	60.34	60.55	58.38	58.25	60.14	59.57	26.5	25.7	31.5	34	30	24.6	28.7	34.8	24.2	88	90	60	49	59	82	71.3	------
28	59.48	59.49	59.86	56.96	57.68	59.62	58.85	25	26	31.6	33.5	31	25.5	28.8	35	24	80	81	59	64	62	84	71.7	------
29	58.30	58.66	58.99	57.34	57.76	59.22	58.38	26.2	25.5	31.1	33	30	26.5	28.7	35	24.6	85	88	60	55	59	76	70.5	------
30	58.52	59.32	60.03	57.69	58.17	60.05	58.96	25	24.8	32.6	34.5	30.5	27.5	29.2	35.2	22.1	76	82	52	48	60	73	65.2	------
Mean	59.59	60.13	60.87	58.51	59.03	60.69	59.80	24.9	24.5	30.9	32.9	29.2	25.9	28	34.3	23.5	86.2	88.2	63.6	56.9	67.2	81	73.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	105

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	2	NE	2	ENE	3	E	2	W	1	5	Ci.-S.	S.-Cu. SE	8	Ci.-S.	S.-Cu. SE
2	SW	1	E	1	E	2	E	2	NE	2	NE	1	5	Ci.	S.-Cu.	5	Ci.	Cu. SE
3	E	1	NE	2	NE	3	ENE	2	ENE	3	NE	2	3	Ci.	Cu.	7	Ci.-S.	S.-Cu. SE
4	NW	1	NE	1	NE	3	NE	2	NE	1	NE	2	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SE
5	E	1	Calm	----	E	1	ENE	1	S	1	NE	1	6	Ci.-S.	Cu. SE	8	Ci.-S.	N. SE
6	ENE	1	E	2	SW	2	SW	1	E	2	ENE	1	8	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.-N. SE
7	NE	1	NE	1	NW	2	NW	3	ENE	1	NE	1	5	Ci.-S.	Cu. SE	9	Ci.-S.	N. NE
8	N	1	E	1	NE	2	NE	3	NE	2	NE	3	6	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. SSE
9	NE	2	NE	2	NE	1	NE	2	ENE	3	NE	3	10	Ci.-S.	N. SSE	9	Ci.-S.	N. SSE
10	ENE	2	ENE	2	ENE	3	NE	3	NE	3	NE	1	9	Ci.-S. NNW	S.-Cu. SSE	5	Ci.-S.	Cu. SSE
11	Calm	----	ENE	2	NNW	1	NE	1	NE	1	NE	1	8	Ci.-S.	S.-Cu. ESE	8	Ci.-S.	Cu. E
12	NE	1	E	1	SW	1	SW	1	S	2	SW	1	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
13	NE	1	E	1	SW	1	SW	1	NE	2	Calm	----	7	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
14	NE	1	ENE	1	SE	1	SW	1	SE	2	SE	1	6	Ci.-S. NNE	Cu. E	9	Ci.-S.	Cu.-N. E
15	NE	1	NE	1	NE	1	ESE	1	E	1	E	1	9	Ci.-S.	S.-Cu. NW	9	Ci.-S.	Cu.-N. E
16	NE	1	Calm	----	SSW	2	SW	1	SE	1	SW	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
17	NE	1	ENE	1	SSW	1	SSW	1	NW	1	N	1	9	Ci.-S. NE	S.-Cu. E	5	Ci.-S.	Cu. E
18	NE	1	NE	1	E	1	ENE	1	E	1	E	1	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
19	ENE	1	NE	1	E	2	E	3	NE	2	NE	2	5	Ci.-S.	Cu. E	5	Ci.	Cu. E
20	NE	1	NE	1	NNE	3	NE	2	ENE	3	NE	2	6	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
21	NE	1	NE	1	ENE	3	NE	3	ENE	3	E	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
22	NE	1	NE	2	NE	3	SW	1	SW	1	NE	1	6	Ci.-S.	Cu. E	10	Ci.-S.	N. E
23	NE	1	NE	1	SW	2	SE	1	ESE	2	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
24	NE	1	Calm	----	NE	2	ENE	2	E	1	E	1	5	Ci.-S.	Cu. E	6	Ci.-S.	S.-Cu. E
25	NE	1	ENE	1	N	1	ENE	1	E	2	ENE	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
26	SE	3	SE	2	NE	2	NE	1	ENE	2	NE	2	6	Ci.-S.	Cu. SSE	5	Ci.	Cu. SE
27	NE	1	NE	1	NE	1	ENE	3	E	2	NE	1	6	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
28	NE	1	NE	1	ENE	2	SW	1	E	2	NE	1	5	Ci.-S.	Cu. E	5	Ci.-S.	Cu. SE
29	NE	3	NE	1	NE	1	NE	3	NE	1	NE	2	7	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
30	E	1	NE	1	E	2	SE	1	E	2	NE	2	7	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
Mean	-------	1.2	-------	1.2	-------	1.8	-------	1.7	-------	1.8	-------	1.3	6.4	------------	------------	7.1	------------	------------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.28	60.14	60.30	58.69	58.61	60.12	59.52	26.3	25.5	33.8	34	30.2	27	29.5	35.1	23.6	86	84	51	49	58	72	66.7	------
2	59.92	60.37	61.22	58.63	59.12	61.06	60.05	26	26	33	34.5	31	25.6	29.4	35.8	24.5	82	84	50	54	59	79	68	------
3	60.29	60.58	60.92	58.08	58.65	60.47	59.83	27	25.8	31	34.4	31	28	29.5	35.2	24.5	77	87	63	53	59	74	68.8	------
4	59.19	59.62	59.77	57.28	57.77	58.91	58.76	26.2	25.7	32.8	33.9	28.7	28.6	29.3	35	25.4	82	86	54	49	69	66	67.7	------
5	57.27	58.04	58.23	55.50	56.35	57.87	57.21	26	25.6	33.6	34.6	29.8	28	29.6	35.6	25	81	87	53	51	66	70	68	------
6	57.24	58.24	58.85	56.65	56.70	59.35	57.84	26	26.5	33.5	34.4	30.8	25.2	29.4	35.8	24.4	85	80	53	51	60	79	68	------
7	58.08	58.49	58.82?	57.67	58.24	60.33	58.60	26	25.5	32.8	32.8	30.9	25.5	28.9	33.8	23.6	85	84	51	53	54	84	68.5	------
8	59.30	59.62	59.51	57.60	58.76	59.36	59.02	26	27	33	35	29.3	26.7	29.5	35.2	24	84	80	57	51	68	82	70.3	------
9	57.87	57.85	58.47	55.75	55.79	57.47	57.20	25.1	26.5	32	35.4	31	28	29.7	36.1	24.9	95	80	66	53	62	77	72.2	------
10	56.95	56.84	56.92	55.02	54.43	56.47	56.10	26	25.8	33.8	31	28.5	27	28.7	37	25.3	85	87	55	65	77	84	75.5	6.8
11	57.29	57.34	58.21	54.96	56.36	58.24	57.07	25.5	26.5	33.2	32.9	26.3	26.5	28.5	36.2	24.9	91	88	68	64	90	88	80.7	11.4
12	57.69	58.29	58.58	57.41	58.24	59.23	58.24	26.2	26.5	33	33.8	29.4	27	29.3	34.3	24.9	84	85	60	56	72	84	73.5	------
13	58.07	58.70	59.90	57.93	58.06	59.63	58.72	26	25.8	32.2	34.5	30	25.6	29	34.9	24.2	87	87	56	54	62	85	71.8	------
14	58.13	58.64	59.78	57.75	58.10	60.03	58.74	26	27.3	33	33.3	29.9	28	29.6	35	25.5	85	78	55	56	65	74	68.8	------
15	59.51	59.92	60.27	57.55	57.37	59.78	59.07	27.4	28	32.3	35	30.6	26.7	30	37	25	76	77	60	52	64	85	69	------
16	57.98?	59.31	59.65	57.25	57.58	60.01	58.63	24.8	26.3	32	31.4	27.5	25.8	28	35.2	23.9	85	83	66	65	88	89	79.3	1.5
17	59.27	59.74	59.42	57.16	58.16	60.02	58.96	23.9	26	31.9	35.6	30.4	27.6	29.2	37	23	86?	85	64	53	66	79	72.2	------
18	59.37	59.45	59.82	57.67	58.29	59.72	59.05	25.9	25.2	30.5	32.5	30.6	27.3	28.7	35	24.8	85	87	70	58	71	82	75.5	------
19	59.04	59.20	59.70	56.62	57.62	59.49	58.61	25.7	25.5	32	34.5	25.5	25.5	28.1	35.2	24.1	89	88	66	59	88	96	81	4.3
20	58.59	58.69	58.89	56.97	57.82	59.76	58.45	25.8	26.5	31.4	28	30	26	28	36	24.3	85	88	68	85	71	92	81.5	5.1
21	59.09	59.24	59.72	58.27	58.91	61.14	59.40	25.8	26	31.5	31.8	30	25.2	28.4	33.5	24.9	85	89	69	67	78	93	80.2	26.9
22	60.08	60.54	60.57	58.80	59.50	61.07	60.09	25.5	26	32.5	33	30	26	28.8	34.9	24.1	88	89	63	67	68	89	77.3	------
23	60.04	60.19	60.42	58.10	57.80	59.76	59.38	24.7	25	32.4	34	30.5	27.6	29	35.1	23	86	88	58	52	71	81	72.7	------
24	58.42	58.91	59.37	56.75	57.53	59.02	58.33	25.5	25.5	32.8	35.7	27	26.6	28.8	36.1	23.9	88	88	62	48	84	86	76	7.6
25	57.79	57.96	59.70	56.85	57.50	59.20	58.17	25.3	24.2	31.4	33.9	29.3	26	28.4	34.5	23.5	89	97	63	55	81	92	79.5	------
26	58.65	58.89	59.20	57.30	57.50	58.90	58.41	25.4	25.6	32.7	31.6	27.7	26.1	28.2	35.3	24.2	88	91	58	68	80	85	78.3	------
27	57.45	57.60	57.50	55.60	55.40	57.40	56.82	25.7	26	33	33.2	29.4	25.8	28.8	36.4	24.8	84	82	59	63	82	86	76	------
28	56.14	56.24	56.26	54.06	54.52	55.67	55.48	25.2	25.7	31	30.2	29.6	26.5	28	34	24.9	90	88	72	77	74	88	81.5	3.8
29	55.15	55.29	55.29	53.84	55.12	56.11	55.13	26.8	26.5	32	30	24	25	27.4	33.6	23.5	88	91	72	80	96	92	86.5	94.7
30	55.38	55.97	55.58	53.11	54.51	56.22	55.13	24	25.5	32	35	27.5	25.9	28.3	35.6	23.5	97	93	66	57	85	93	81.8	2.5
31	55.30	54.81	54.52	52.42	52.77	53.60	53.90	25.8	25.5	32	31.8	29.4	28.6	28.8	32.3	24.5	93	94	71	67	75	77	79.5	1.5
Mean	58.19	58.54	58.88	56.69	57.20	58.88	58.06	25.7	26	32.4	33.3	29.2	26.6	28.9	35.2	24.3	86.2	86.3	61.1	59.1	72.4	83.3	74.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[a]166.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	ENE	1	SSE	1	NE	3	ENE	2	NE	3	8	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
2	NE	2	NNE	1	ESE	1	ENE	2	NE	1	NE	1	6	Ci.-S.	Cu.	6	Ci.-S.	Cu. SE
3	NE	3	NE	1	ENE	1	NE	3	ENE	3	NE	1	6	Ci.-S.	Cu. SE	6	Ci.-S.	Cu.
4	NE	1	NE	1	NE	3	NE	2	NE	3	NNE	3	5	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.-N. SE
5	NE	1	NE	2	NNE	3	NE	3	NE	3	NE	2	5	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
6	NE	2	NE	2	SSE	2	SW	1	E	1	NE	1	6	Ci.-S.	Cu.-N. SW	6	Ci.-S.	Cu. SW
7	NE	1	E	1	NNE	2	NE	3	NE	1	NE	1	5	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
8	NE	2	NE	3	NE	3	NE	3	NE	1	NE	1	6	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
9	NE	1	NE	1	SW	2	SW	2	NE	1	NE	1	7	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
10	NE	1	NE	1	W	1	S	1	S	1	NE	2	6	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
11	NE	1	NNE	1	SW	1	WSW	1	NE	1	NE	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
12	NE	2	NE	1	NE	2	NE	1	NE	1	NE	2	6	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
13	NE	1	ENE	1	NE	1	NE	2	NE	2	NE	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
14	NE	1	ENE	1	NE	1	NE	3	NE	2	NE	1	7	Ci.-S.	Cu.-N. SE	5	Ci.-S.	Cu. SE
15	NE	1	NE	1	E	2	SW	1	NE	1	NW	1	6	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
16	NE	1	NE	1	SW	1	WNW	1	NE	2	NE	1	5	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu.-N. SE
17	NE	2	NE	1	WSW	1	W	1	WSW	1	SE	1	4	Ci.-S.	Cu.	5	Ci.-S.	Cu. SE
18	NE	1	NE	1	WSW	1	SW	2	SSW	2	NE	1	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
19	NE	1	ENE	1	WSW	1	SE	1	NE	2	NE	1	7	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
20	NE	1	Calm	----	SW	2	E	1	SSE	3	NE	1	8	Ci.-S.	Cu. SE	9	Ci.-S.	N. SE
21	NE	1	ENE	1	NNE	1	S	1	SSW	3	NE	1	9	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
22	NE	1	NE	1	NE	1	SW	1	Calm	----	NE	1	8	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
23	NE	1	ENE	2	N	1	NE	1	SSW	2	NE	1	5	Ci.-S.	Cu. S	8	Ci.-S.	Cu.-N. SE
24	NE	1	NE	1	E	2	NE	1	N	1	NE	1	7	Ci.-S.	Cu. S	7	Ci.-S.	Cu. S
25	NE	1	NE	1	-------	----	-------	----	-------	----	NE	1	7	Ci.-S.	Cu.	----	------------	------------
26	NE	1	NE	1	-------	----	-------	----	-------	----	-------	----	8	Ci.-S.	Cu. S	----	------------	------------
27	-------	----	-------	----	-------	----	-------	----	-------	----	-------	----	----	------------	------------	----	------------	------------
28	NE	1	NE	1	SW	1	SE	1	SW	2	NE	1	9	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu. NE
29	NE	1	NE	1	SW	1	NE	1	NNE	1	NE	1	9	Ci.-S.	S.-Cu. NW	8	Ci.-S.	Cu.-N. NW
30	NE	1	NE	1	ENE	2	NE	1	WSW	2	NE	1	6	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. NE
31	NE	1	NE	1	SW	1	SW	3	SW	3	SW	3	9	Ci.-S.	Cu.-N. NW	8	Ci.-S.	Cu. W
Mean	-------	1.3	-------	1.1	-------	1.5	-------	1.7	-------	1.7	-------	1.3	6.7	------------	------------	6.6	------------	------------

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[a] 30 days of observation.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	52.69	52.72	54.32	53.04	53.97	55.89	53.77	28	28.5	28.6	27.5	26	25.6	27.4	29	25.2	77	78	83	85	96	95	85.7	32
2	54.99	55.47	56.55	54.86	55.52	57.32	55.78	25.5	25	25.2	25.5	25	25.5	25.3	27	24.5	94	96	94	94	95	91	94	70
3	56.06	56.14	57.39	56.75	56.84	58.29	56.91	24.6	25.5	25.5	25.6	26	24.6	25.3	26.9	23.6	95	91	93	92	88	92	91.8	42.2
4	56.58	56.75	57.34	55.57	56.06	57.99	56.72	23.8	23.5	30	31.8	28.5	27	27.4	33	23	93	96	75	67	85	84	83.3	------
5	56.92	57.30	58.89	57.52	58.02	59.77	58.07	28.7	28.5	30.5	31	29.5	25.6	29	31.8	25.2	78	74	59	59	75	92	72.8	------
6	59.40	59.54	59.79	58.10	59.16	61.08	59.51	25.2	24	31.2	32.6	28.4	26	27.9	34.3	23.6	90	96	71	63	79	92	81.8	------
7	59.44	59.55	59.64	57.72	57.72	59.50	58.93	24.7	24.5	30.6	34	32.4	27.7	29	35	23.5	94	94	74	62	64	82	78.3	------
8	58.80	58.88	59.23	57.40	58.37	59.15	58.64	25.2	25.5	32	31	28	23.6	26.7	34.3	23	97	88	67	72	91	95	85	30.7
9	58.52	58.56	59.25	57.40	56.86	59.47	58.34	24.2	25.4	32	33.6	30	27	28.7	34.8	24	97	88	64	64	71	86	78.3	------
10	58.99	59	59.51	58.21	58.13	59.78	58.94	26.5	26	31.4	33.1	30.6	27	29.1	35.2	24.2	88	88	76	63	74	84	78.8	------
11	59.29	59.40	59.12	57.57	57.55	59.12	58.68	25.3	25	31.2	34.7	30.5	27	29	35	24.1	89	92	68	58	79	84	78.3	------
12	58.88	58.75	58.84	57.10	57.30	58.32	58.20	26	26.2	31.5	31	29.5	25.5	28.3	35	24.4	91	90	70	72	77	88	81.3	.8
13	58.33	58.36	58.36	56.78	57.22	58.70	57.96	24.6	26	32.5	27.6	28	26.8	27.6	34.8	23.5	93	85	67	80	88	86	83.2	2.5
14	58.79	58.87	58.97	56.91	57.72	59.28	58.42	25	24	31.5	34.7	29.9	26.8	28.6	34.9	23.9	92	91	73	58	72	85	78.5	------
15	58.80	58.96	58.76	56.93	56.99	58.68	58.19	25.8	25.5	32.5	34	30.5	25.5	29	34.5	23.9	87	88	60	56	66	88	74.2	------
16	58.03	58.16	58.17	55.96	56.41	57.92	57.44	25	25.2	30	32	27.3	26	27.6	33.9	23	85	86	69	66	85	88	79.8	------
17	57.29	57.36	57.74	55.81	56.62	58.17	57.16	26	25.9	31	31.6	29.8	27.5	28.6	33.3	24.5	89	88	65	61	70	76	74.8	3
18	56.74	56.86	57.12	56.27	55.10	55.98	56.34	26.4	25	29	25	26.5	25.3	26.2	31.4	24	89	92	71	92	84	89	86.2	23.9
19	54.08	51.51	51.52	52.19	54.18	55.86	53.22	24.8	25	25.5	24.5	25	25.6	25.1	26	23.6	85	83	83	93	96	92	88.7	61.6
20	56.01	56.68	57.61	56.66	56.72	57.96	56.94	24.3	23.5	26.5	27.7	25.6	24.5	25.4	28	23	94	96	91	79	88	96	90.7	4
21	57.13	57.96	58.54	57.67	58.04	59.82	58.19	24	24.5	30.2	31	27	25.5	27	32.2	23	93	96	77	76	90	93	87.5	14.2
22	58.87	59.01	58.78	57.24	57.54	59.73	58.53	24.4	24	30.6	28.6	25.5	26.2	26.6	33.8	23.4	95	97	78	73	88	90	86.8	.8
23	58.85	58.79	58.79	57.40	57.56	59.13	58.42	24.7	24.5	31	31.5	29	26.3	27.8	33	23.7	92	92	67	63	74	85	78.8	------
24	57.97	57.90	58.37	56.37	57.08	58.10	57.63	24.5	24.2	31.5	30	26.5	25.6	27	32.3	23.5	95	95	66	75	88	90	84.8	26.4
25	57.32	57.19	57.87	56.39	56.54	58.25	57.26	24.7	24.5	31.8	31	28.5	26.4	27.8	32.3	23.5	94	96	61	74	78	89	82	------
26	57.81	57.79	57.60	56.18	56.63	57.57	57.26	24.4	24	30	32.1	28	26.2	27.4	33.7	23.4	93	93	78	72	79	90	84.2	------
27	56.91	56.84	56.73	55.42	54.91	56.34	56.19	25.4	25	29.6	28.5	28.4	27	27.3	33	24.3	90	92	78	85	86	92	87.2	14.5
28	55.38	55.11	54.77	53.30	54.02	55.23	54.64	26.5	25	30.6	32.4	29	27.5	28.5	32.6	24.6	88	92	78	68	81	89	82.7	23.6
29	54.69	54.62	54.97	54.19	55.04	56.22	54.96	27	25	29	27	27	26.6	26.9	30.8	24.9	86	96	82	92	86	90	88.7	9.1
30	55.19	55.18	55.54	54.39	54.57	55.88	55.12	26.2	26	27.4	28.5	27.5	27	27.1	30	25	90	88	81	74	80	84	82.8	.8
Mean	57.29	57.31	57.67	56.24	56.61	58.15	57.21	25.4	25.1	30	30.3	27.9	26.1	27.5	32.4	23.9	90.4	90.6	74	72.9	81.8	88.6	83	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	360.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	3	SW	3	SW	4	SW	3	SSW	3	SSW	4	8	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
2	SW	3	SW	2	SW	3	SSW	4	SW	4	SW	4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
3	SW	4	SW	3	SE	1	SW	4	SW	3	Calm	----	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
4	NE	1	E	1	Calm	----	SW	3	SW	3	SW	3	9	Ci.-S. NNW	S.-Cu. SW	9	Ci.-S. NNW	S.-Cu. SW
5	SW	4	SW	4	SW	4	SW	3	SW	2	E	1	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. SW
6	NE	1	ENE	1	SW	1	S	3	SE	3	SE	1	9	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N. sw
7	E	1	NE	1	SW	1	SW	1	SW	1	N	1	8	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. SE
8	ENE	1	ENE	1	S	1	S	1	WNW	2	NE	1	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu. SE
9	E	1	E	1	SE	1	S	1	ENE	1	NE	1	5	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
10	NE	1	ENE	1	SW	2	SW	1	E	1	E	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.-N. SE
11	E	1	E	1	WSW	1	SW	1	SW	3	NE	1	7	Ci.-S.	Cu. E	6	Ci.-S.	S.-Cu. E
12	NE	1	ENE	1	SW	1	NNW	2	SW	1	NE	1	6	Ci.-S.	Cu. E	9	Ci.-S.	N. E
13	E	1	Calm	----	NE	1	SW	2	NE	1	NE	1	7	Ci.-S.	Cu. E	9	Ci.-S.	N. E
14	NE	1	E	1	SW	2	SW	1	Calm	----	E	1	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
15	NE	1	E	1	SE	1	NE	2	ESE	1	NE	1	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
16	NE	1	NE	1	ENE	2	ESE	2	ENE	1	NE	1	5	Ci.-S.	Cu. E	10	Ci.-S.	N. E
17	NE	1	ENE	1	NE	2	ENE	1	NE	1	NE	2	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
18	NE	1	ENE	1	ENE	2	NE	3	NNE	1	NE	1	8	Ci.-S.	Cu. E	10	Ci.-S.	N. E
19	NNW	3	NNW	5	WSW	3	SW	4	SW	5	SSW	3	10	Ci.-S.	N. NW	10	Ci.-S.	N. W
20	SSW	3	Calm	----	W	1	S	1	SSW	1	N	1	10	Ci.-S.	S.-Cu. ssw	10	Ci.-S.	N. S
21	NE	1	ENE	1	SE	1	SSE	1	ENE	1	NE	1	10	Ci.-S. NW	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
22	NE	1	ENE	1	W	1	NNW	1	ENE	1	N	1	9	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N. sw
23	E	1	E	1	SE	1	NE	2	NE	1	E	1	8	Ci.-S.	S.-Cu. SE	9	Ci.-S.	Cu.-N. E
24	E	1	E	1	E	1	NW	1	NE	1	NE	1	8	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
25	NE	1	ENE	1	ENE	1	SW	1	NE	1	NE	1	8	Ci.-S. SE	S.-Cu. E	9	Ci.-S. SSE	S.-Cu. E
26	NE	1	ENE	1	NW	1	SW	1	NE	1	NE	1	9	Ci.-S. NE	N.-cf. E	8	Ci.-S.	Cu.-N. E
27	ENE	1	ENE	1	S	1	S	2	WSW	2	SW	1	9	Ci.-S.	Cu.	10	Ci.-S.	N. SW
28	NE	1	NE	1	SSW	1	WSW	1	SW	2	SW	3	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. W
29	E	2	E	1	SW	4	SW	3	WSW	2	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
30	SW	2	SW	2	WSW	3	WSW	3	SW	3	SW	2	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. SW
Mean	-------	1.5	-------	1.4	-------	1.6	-------	2	-------	1.8	-------	1.5	8.1	-------------	-------------	8.7	-------------	-------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.17	55.30	55.97	54.93	55.83	57.58	55.80	25.1	25	30.5	31.3	28.5	26.4	27.8	33	24.4	91	92	72	70	87	89	83.5	------
2	56.74	56.66	57.22	55.86	56.66	58.61	56.96	25.2	24.6	30.5	32.2	29	27.8	28.2	32.9	24	90	94	70	66	81	82	80.5	------
3	57.16	57.15	57.64	55.68	56.42	57.89	56.99	25	25.6	31.9	31.2	26.5	25.5	27.6	33	24.2	92	91	67	64	88	92	82.3	5.3
4	55.67	55.74	56.19	55.33	55.10	56.43	55.74	25.2	24.6	30.6	28	28	25	26.9	31	24	93	95	77	86	80	92	87.2	28.4
5	55.21	55.19	55.37	54.18	54.50	55.54	55	25	24.8	27.4	27.5	25.5	26	26	28	24.3	97	95	84	84	88	95	90.5	21.8
6	54.35	53.52	54.15	53.67	53.85	54.35	53.98	26	27	28.2	25	24.9	25.9	26.2	29.2	24.5	92	84	80	92	94	93	89.2	32.8
7	53.33	53.21	53.44	52.94	53.74	54.10	53.46	26.7	24.6	27.8	26	24.5	27.5	26.2	28.8	24.3	88	95	84	92	96	88	90.5	25.9
8	53.75	53.94	55.08	54.92	54.87	56.78	54.89	26.8	27.5	29	29	28.9	28	28.2	29.9	25.9	90	84	78	78	76	81	81.2	2.3
9	55.94	55.86	56.44	55.74	56.11	57.19	56.21	27.2	26.1	29.7	30.5	29	28	28.4	31	25.1	90	87	73	68	78	82	79.7	------
10	56.67	56.64	56.66	56.43	56.27	56.92	56.60	27.8	27	29.6	27.1	28.5	28.4	28.1	30.7	26.9	86	84	71	91	81	83	82.7	1
11	56.23	56.22	56.87	55.88	56.17	56.13	56.25	28.4	28	29.4	29.3	28.6	28.5	28.7	30.3	27.5	83	85	82	79	80	78	81.2	5.5
12	55.62	55.54	56.69	55.67	56.04	57.30	56.14	28	27.7	29	29.9	28.5	28.2	28.6	30.2	26	91	87	85	78	83	80	84	1
13	56.18	56.39	57.22	56.54	56.71	57.40	56.74	28.1	28	29.6	30	28.6	28	28.7	30.2	27.5	84	81	77	71	80	85	79.7	------
14	57.32	57.55	57.94	57.02	57.24	58.84	57.65	27.7	27.5	29.6	30.5	28.6	27.6	28.6	31	25.5	87	85	77	68	80	87	80.7	------
15	58.10	57.98	58.07	57.27	57.69	59.20	58.05	25.5	26.5	30.4	28.7	26.2	25.2	27.1	31.8	24.5	89	88	69	80	90	95	85.2	2
16	57.57	57.45	57.39	55.87	55.97	56.91	56.86	24.2	23.6	30.5	28.6	27.5	25	26.6	31	22.7	95	95	68	82	84	92	86	12.9
17	55.76	55.67	56.27	54.59	55.52	56.66	55.74	23.5	23.6	30.5	29.5	26	25.2	26.4	33.2	23	96	97	78	72	92	90	87.5	7.4
18	56.01	55.95	56.45	54.79	54.95	57.13	55.88	24.3	24	30	32	31	26.5	28	33.9	23.4	94	95	75	60	72	91	81.2	2.3
19	56.75	56.41	56.68	55.53	55.54	57.74	56.44	25.7	25.5	30.2	33	28.3	24.4	27.8	34	24	94	95	80	60	82	93	84	17
20	56.56	56.44	57.07	55.69	55.99	57.92	56.61	24.3	23.6	30.5	31.2	27.6	25.2	27.1	32	23.5	94	97	72	71	87	90	85.2	9.1
21	56.89	56.90	57.59	56.12	55.95	57.68	56.86	24	23.6	31.2	30.5	27	25.8	27	33.2	23	93	95	73	75	87	90	85.5	1.3
22	56.06	55.95	56	54.73	55.06	56.33	55.69	25.2	24.5	29.9	31	28.6	27.2	27.7	33.2	23.9	90	92	76	69	78	86	81.8	------
23	55.40	54.54	55.22	53.97	53.63	54.85	54.60	24.2	23.6	30.2	29	26	26.5	26.6	31.3	23	93	95	77	79	88	90	87	9.1
24	54.31	54.08	55.57	53.71	54.39	55.51	54.60	25.3	25.1	25.6	26.5	26.1	26.9	25.9	27.2	24.4	96	96	95	87	83	87	90.7	28.6
25	55.44	54.29	55.39	54.66	54.81	56.01	55.10	26.4	24.6	27.6	27.2	26.5	25.5	26.3	29	24	89	91	80	87	88	96	88.5	2.1
26	55.89	54.86	55.68	55.12	55.53	57.64	55.70	27	26.8	28.2	27.1	27	27	27.2	29.8	25.4	92	90	87	82	80	89	86.7	2
27	56.26	56.45	57.20	56.46	56.52	58.90	56.96	26.5	27	29.4	29.5	28.2	25.8	27.7	31.5	25	91	84	79	72	80	87	82.2	------
28	57.76	57.94	58.73	57.78	57.92	59.10	58.20	24	24.2	31	31.9	30	25	27.7	33.7	23	93	94	76	61	68	92	80.7	------
29	58.81	58.94	59.22	57.62	58.07	59.74	58.73	23.6	23	30.6	33.5	30	26	27.8	33.6	22.5	93	97	78	64	71	89	82	------
30	58.86	58.94	59.28	57.61	57.72	58.80	58.55	25.2	24.5	30.5	31	29	25.8	27.7	32.8	23.9	90	92	75	72	81	90	83.3	------
31	58.60	58.72	59.56	57.48	57.58	59.24	58.53	24.8	24	29.4	32.7	27.5	25.5	27.3	33.8	23.6	93	93	79	62	85	89	83.5	1.3
Mean	56.25	56.14	56.72	55.61	55.88	57.24	56.31	25.7	25.3	29.6	29.7	27.7	26.4	27.4	31.4	24.4	91.3	91.1	77.2	74.9	82.8	88.5	84.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	219.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SW	1	NNE	1	SSE	1	W	2	SW	2	NE	1	9	Ci.-S. NW	S.-Cu. S	9	Ci.-S.	Cu.-N. sw
2	NE	1	E	1	W	1	S	2	WSW	3	WSW	1	9	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.-N. sw
3	NE	1	NE	1	WSW	2	WSW	2	W	3	S	1	7	Ci.-S.	Cu. SW	9	Ci.-S.	S.-Cu. SW
4	NE	1	ENE	1	SW	2	W	2	WSW	3	ENE	1	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	N. W
5	WSW	2	SW	2	SW	4	SW	5	SW	4	SW	4	10	Ci.-S.	N. W	10	Ci.-S.	N. WSW
6	SW	3	WSW	4	SW	4	SW	4	SW	4	WSW	5	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
7	WSW	4	WSW	4	SW	4	WSW	5	WSW	4	SW	6	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
8	SW	5	SW	4	SW	4	SW	4	WSW	3	SW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
9	W	3	W	1	SW	3	WSW	3	WSW	3	SW	3	8	Ci.-S. NE	Cu. SW	7	Ci.-S.	Cu. SW
10	SW	3	WSW	3	WSW	3	W	3	WSW	3	SW	3	7	Ci.-S.	Cu. W	9	Ci.-S.	N. W
11	SW	3	SW	3	SW	3	SW	4	WSW	4	SW	4	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
12	SW	3	WSW	4	SW	3	WSW	3	SW	4	WSW	3	10	Ci.-S.	N. W	9	Ci.-S.	Cu. W
13	WSW	3	SW	4	SW	3	WSW	3	W	3	SW	3	9	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
14	WSW	3	SW	2	SW	3	WSW	3	WSW	2	SW	1	9	Ci.-S. NW	Cu.-N. SW	8	Ci.-S.	S.-Cu. SW
15	SW	1	SW	1	SW	2	W	2	SSE	1	N	1	5	Ci.-S.	Cu. SW	10	Ci.-S. W	N. SW
16	NE	1	NE	1	S	1	SE	1	SSW	1	NE	1	9	Ci.-S. WNW	Cu. SW	9	Ci.-S.	N. W
17	NE	1	ENE	1	S	1	SSW	3	NE	1	NE	1	8	Ci.-S. NW	S.-Cu. W	9	Ci.-S.	N. W
18	NE	1	NE	1	S	1	SSW	1	SSW	3	N	1	9	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
19	NE	1	NE	1	SW	1	S	1	ENE	1	NW	1	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. W
20	NE	1	ENE	1	NNE	1	NE	1	SW	2	SW	1	7	Ci.-S. W	Cu. SW	9	Ci.-S.	Cu.-N. SE
21	NE	1	NE	1	SSW	1	SSE	1	E	1	NE	1	8	Ci.-S.	Cu.	9	Ci.-S.	N. SE
22	NE	1	ENE	1	SW	1	SW	2	WSW	3	NW	1	8	Ci.-S.	Cu. SE	9	Ci.-S.	Cu. SE
23	NE	1	NE	1	S	1	W	2	SW	2	W	2	6	Ci.-S.	Cu.	10	Ci.-S.	N. SW
24	SW	2	NE	1	WSW	3	SW	4	W	3	SW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. W
25	NE	1	NE	1	SW	3	SW	4	WSW	3	SW	3	9	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
26	SW	3	SW	3	SW	4	WSW	3	WSW	3	SW	3	9	Ci.-S. NW	Cu.-N. SW	10	Ci.-S.	S.-Cu. SW
27	SW	3	SW	3	WSW	3	WSW	3	WSW	3	SW	1	9	Ci.-S. NNW	Cu. SW	10	Ci.-S.	Cu.-N. SW
28	NE	1	ENE	1	SE	1	WSW	2	WSW	2	NE	1	8	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
29	ENE	1	ENE	1	S	1	SSW	1	SW	1	NE	1	6	Ci.	Cu. SW	8	Ci.-S.	Cu.-N. SW
30	NE	1	ENE	1	SW	1	SW	1	E	1	NE	1	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SE
31	NE	1	ENE	1	SW	1	WSW	1	NE	1	NE	1	6	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
Mean	-------	1.9	-------	1.8	-------	2.2	-------	2.5	-------	2.5	-------	2	8.4	------------	------------	9	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.86	58.94	59.38	57.58	58.07	59.62	58.74	24.8	23.5	30.5	33.5	30.6	26	28.2	33.8	23	85	96	75	64	74	92	81	1
2	58.96	58.94	59.39	56.92	57.65	58.71	58.43	24.5	24	30.4	34.2	24.5	23.8	26.9	34.7	23	92	96	76	57	84	93	83	6.8
3	58.69	57.72	58.29	56.69	57.03	58.43	57.81	24	24.5	32.2	26.5	27	24.5	26.4	33	23.4	93	92	65	92	84	92	86.3	13.5
4	57.76	57.25	57.84	56.39	57.14	58.49	57.48	23.8	23.3	31.4	34.6	28	25.8	27.8	34.7	22	93	89	70	59	77	88	79.3	2.5
5	57.77	57.30	57.94	56.25	57.87	58.88	57.67	25.2	24.7	32	34.3	24	24.7	27.5	35	22.5	95	92	66	60	91	86	81.7	33.5
6	57.78	57.75	58.24	56.32	57.23	58.35	57.61	24.3	24	31.6	33.5	26.9	25.8	27.7	35.6	22.5	94	93	75	58	80	90	81.7	------
7	57.76	57.49	58.50	56.61	56.94	58.03	57.56	25.2	25	30.7	30.2	28.8	26.9	27.8	33.2	23.7	92	92	74	74	80	85	82.8	1
8	57.04	57.11	57.86	55.98	57.10	57.91	57.17	24.9	25	28	31.7	26.2	25.5	26.9	32.7	24	84	92	79	68	87	91	83.5	11.2
9	57.17	57.21	57.49	56.19	56	57.44	56.92	24.5	24.8	31.8	31	28.2	26	27.7	33.3	23	92	93	67	68	79	92	81.8	------
10	56.52	56.40	56.45	54.77	54.67	56.31	55.85	25	24.8	30.5	29.7	25.8	25.5	26.9	31	24	92	92	75	77	93	93	87	4
11	54.65	53.85	54.80	53.74	53.17	54.51	54.12	26	25.5	27.2	27	26.6	26	26.4	27.8	24.9	95	95	90	86	87	92	90.8	7.1
12	53.37	53.19	53.94	52.95	53.67	53.79	53.48	26.2	26.7	28	25.5	25.5	25.5	26.2	28.3	24.5	90	87	88	94	94	96	91.5	11.7
13	52.97	52.79	54.22	53.69	54.34	55.45	53.91	26.8	26.6	27	28.2	26.4	27	27	28.3	25.5	86	87	92	79	92	89	87.5	7.9
14	55.21	55.33	55.62	54.92	56.02	57.28	55.73	26.2	26.5	28.5	29.8	27.4	26.8	27.5	29.9	25.6	90	92	85	77	81	86	85.2	.8
15	56.68	56.56	57.88	56.08	56.19	58.73	57.02	26.6	25.5	30.2	33.8	29.3	26	28.6	33.9	25	87	88	77	63	76	92	80.5	------
16	57.86	57.73	58.07	56.16	56.30	58.27	57.40	23	22.3	30	28.8	29.7	26.4	26.7	32	22	91	92	75	78	75	86	82.8	------
17	57.80	57.92	58.48	56.47	57.19	58.94	57.80	24	24.5	31	31.5	28.5	25.4	27.5	32.9	23.8	93	93	79	69	85	92	85.2	3.3
18	57.78	57.56	58.08	56.17	56.87	58.69	57.52	23.5	22.5	30	33.5	26.9	24.9	26.9	33.8	22	96	94	78	64	90	94	86	1.8
19	56.93	56.99	57.57	55.87	56.19	58.21	56.96	24.5	24.5	31.9	33.5	29	27.6	28.5	34	23.7	96	96	67	64	79	87	81.5	------
20	56.78	55.92	56.94	54.81	54.67	55.99	55.85	27.2	27.4	26.6	29	28.7	28	27.8	29.2	26	87	85	92	75	74	79	82	5
21	54.86	54.75	54.98	54.07	54.50	55.29	54.74	27.3	26	28.5	27.8	26	28	27.3	30.2	25.6	85	91	81	79	92	86	85.7	56.1
22	55.31	56.18	57.15	55.67	55.19	56.73	56.04	25.5	24.5	24	25	25.5	26.7	25.2	27.1	22.5	89	87	95	96	96	86	91.5	39.3
23	56.81	56.79	57.60	56.64	56.46	58.09	57.06	26.8	26	30.5	30.6	28.5	26.6	28.2	31	25.5	86	88	75	71	74	89	80.5	------
24	57.66	57.74	58.12	57.19	57.32	58.77	57.80	26.6	23.5	29.6	29.6	28.1	27	27.4	29.8	23.4	87	93	75	74	75	86	81.7	------
25	57.64	56.83	57.52	56.09	55.76	56.77	56.77	27.2	27.4	29.5	29.9	28.5	28	28.4	30	26.9	86	84	77	69	78	82	79.3	------
26	55.85	55.19	55.82	54.04	54.32	54.90	55.02	27.2	27.5	28.6	29.3	28.6	28	28.2	29.5	26.5	83	84	80	70	73	80	78.3	1.5
27	53.93	53.40	53.98	53.27	53.34	55.23	53.86	28.2	28	29.6	30	29	28.7	28.9	30.1	27	80	77	67	71	71	75	73.5	1.3
28	54.89	55.27	56.24	55.30	55.54	57.17	55.74	27.7	25.6	28	28.4	27	27.3	27.3	29	24.5	85	92	83	82	88	85	85.8	9.9
29	57.06	57.18	57.54	56.97	56.49	57.74	57.16	26.9	27	29	28.5	28	27.7	27.8	29.9	26.5	85	86	78	78	82	88	82.8	3.1
30	56.86	56.81	58.17	56.62	56.35	57.26	57.01	26.2	26.6	27.5	28.6	27	26.9	27.1	29.9	24.8	90	89	85	84	87	86	86.8	17.8
31	56.59	54.94	56.17	55.05	55.61	57.20	55.93	26	27.4	27.5	26.2	26	25.6	26.4	28.2	24.5	92	85	85	92	95	95	90.7	56.2
Mean	56.64	56.42	57.11	55.66	55.97	57.33	56.52	25.7	25.3	29.4	30.1	27.4	26.4	27.4	31.3	24.3	89.4	90.1	78.3	73.9	83	88.2	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	296.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	ENE	1	SW	1	WSW	1	NE	1	NE	1	6	Ci.	Cu.	7	Ci.-S.	Cu. SE
2	NE	1	E	1	SW	1	WSW	1	E	1	E	1	7	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu. SE
3	NE	1	ENE	1	SW	1	WSW	1	E	1	ENE	1	7	Ci.-S.	Cu. SE	10	Ci.-S.	N. E
4	E	1	E	1	SW	1	SW	2	E	1	E	1	5	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
5	ENE	1	ENE	1	SW	1	WSW	1	ENE	3	NE	1	7	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. E
6	NE	1	ENE	2	SW	1	E	1	E	1	NE	1	7	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
7	NE	1	ENE	1	SW	1	S	1	SSE	1	E	1	8	Ci.-S. NE	S.-Cu. E	9	Ci.-S.	Cu.-N. E
8	ENE	1	ENE	2	NE	1	SSE	1	NNW	1	NE	1	9	Ci.-S. ENE	Cu.-N. E	9	Ci.-S.	Cu.N. SE
9	E	1	ENE	1	S	2	SSW	8	SW	2	ENE	1	8	Ci.-S.	S.-Cu. SSE	10	Ci.-S.	N. SE
10	ENE	1	E	1	SSW	1	W	2	E	1	WSW	2	6	Ci.-S.	Cu. SE	10	Ci.-S.	N. S
11	WSW	2	SW	2	WSW	3	WSW	3	SW	3	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. WSW
12	SW	3	SW	3	SW	4	SW	5	SW	4	SW	4	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
13	SW	4	SSW	4	SW	4	WSW	3	SW	4	SW	4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	S.-Cu. SW
14	SW	3	SW	3	SW	3	SW	3	WSW	4	SW	2	10	Ci.-S.	N. SW	9	Ci.-S.	Cu. SW
15	SW	2	ENE	1	SW	2	WSW	2	SW	1	NE	1	10	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu.-N. W
16	NE	1	ENE	2	SW	2	SW	2	W	1	SW	1	5	Ci.-S.	Cu. W	8	Ci.-S.	Cu.-N. WSW
17	SW	1	ENE	1	SW	1	S	1	SW	2	NE	1	10	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	Cu.-N. W
18	NE	1	ENE	1	NE	1	SW	2	ENE	1	NE	1	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. W
19	NE	1	Calm	----	SSW	1	SW	1	SW	3	SW	2	7	Ci.-S.	Cu.-N. W	7	Ci.-S.	Cu. W
20	WSW	3	WSW	3	SW	3	SW	3	WSW	3	SW	3	8	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
21	SW	3	SW	3	WSW	3	WSW	4	WSW	4	WSW	3	10	Ci.-S.	N. WSW	8	Ci.-S.	Cu.-N. SW
22	SW	3	NE	1	SW	1	SW	2	SW	3	SW	3	10	Ci.-S.	N. SW	10	Ci.-S. N	N. SW
23	SW	2	SW	1	SW	2	SW	3	SW	3	SW	1	10	Ci.-S. NW	S.-Cu. SW	8	Ci.-S.	Cu. SW
24	NE	1	Calm	----	SW	3	SW	3	WSW	3	WSW	3	9	Ci.-S. W	Cu. SW	8	Ci.-S.	Cu.-N. SW
25	WSW	3	WSW	3	W	3	WSW	4	WSW	3	WSW	3	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu. SW
26	WSW	3	WSW	3	WSW	4	WSW	3	SW	5	SW	4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
27	SW	6	SSW	5	SW	6	SW	6	SW	7	SW	6	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. SW
28	WSW	5	WSW	5	WSW	5	WSW	5	WSW	4	WSW	4	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. W
29	WSW	4	WSW	3	WSW	4	SW	5	WSW	3	SW	3	9	Ci.-S. NW	Cu.-N. WSW	8	Ci.-S.	Cu.-N. WSW
30	SW	3	SW	3	WSW	4	SW	4	SW	4	SW	3	8	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. SW
31	SW	4	WSW	5	WSW	5	SW	4	SW	4	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. W
Mean	------	2.2	------	2.1	------	2.4	------	2.6	------	2.6	------	2.2	8.5	------	------	8.8	------	------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.36	55.02	56.25	54.55	54.69	55.97	55.31	25.5	25.8	25.5	25.7	25.5	24.9	25.5	27.7	23.6	96	93	96	94	96	97	95.3	97.5
2	55.17	54.51	56.30	55.01	54.59	56.24	55.30	26.1	26	25.2	25.4	26.4	26.5	25.9	27.3	24.5	94	94	97	95	95	88	93.8	103.4
3	54.98	54.90	55.71	53.96	54.66	56.06	55.04	25	24	24.2	25.5	24.5	24.3	24.6	26	23.6	97	97	97	94	96	96	96.2	228.3
4	55.20	55.26	56.08	54.24	54.18	56.07	55.17	23.6	23.6	24.5	24.8	24.7	24.3	24.2	26.6	23.3	95	95	96	93	94	96	94.8	102.6
5	54.65	54.09	55.33	54.74	53.16	54.16	54.36	24.8	25.6	25.5	26.6	26.5	24.9	25.6	28.2	24.3	93	94	96	94	91	92	93.3	56.8
6	53.48	52.65	53.75	52.45	52.95	54.54	53.30	25.8	26	26.6	28	26.4	25.9	26.4	28.1	25	93	92	90	86	94	93	91.3	13.4
7	54.29	53.67	54.95	53.89	54.54	55.85	54.53	26.8	26.4	28	27	25	25	26.4	28.9	24.7	91	93	86	89	97	97	92.2	68.6
8	54.96	54.81	55.70	54.61	54.71	55.53	55.05	24.7	24.9	25.2	25.2	23.7	24.5	24.7	25.2	23	94	97	97	95	94	94	95.2	132.2
9	54.71	54.49	56.21	55.03	54.75	56.36	55.26	25	25.5	24.9	25.6	25.8	25.3	25.4	26.5	23.5	93	93	96	91	90	96	93.2	68.1
10	56.37	56	57.09	55.63	55.67	57.10	56.31	24.7	25	27	28	27.5	27	26.5	28.7	24	94	96	86	85	84	88	88.8	3.3
11	56.64	56.71	58.11	56.07	56.43	58.09	57.01	26.8	26.5	27	29.3	27.6	27	27.4	29.7	25	92	93	89	80	83	92	88.2	8.3
12	57.56	56.38	57.66	56.71	57.13	58.41	57.31	25.2	26.2	27.2	25.6	24.5	24.5	25.5	27.2	23.9	97	90	90	95	96	96	94	22.3
13	57.83	56.95	57.66	56.07	56.61	58.68	57.30	24.8	24.6	28.6	30.2	26	24	26.4	30.5	23.8	93	95	78	74	87	93	86.7	9.3
14	57.51	57.48	58.51	57.08	57.84	59.67	58.02	23.1	23	28	27.2	26.7	25	25.5	28.2	22.5	97	97	85	83	86	92	90	------
15	58.10	58.87	59.93	57.57	57.69	58.93	58.52	24.7	24.8	28	30.8	28.5	25	27	31.5	22.5	89	85	82	69	73	93	81.8	------
16	58.12	58.06	59.21	56.81	57.17	58.66	58	24.5	23.4	30	30.3	28.5	25.8	27.1	30.4	22.1	94	93	71	71	71	85	80.8	------
17	57.77	57.63	58.28	55.91	56.69	58.86	57.52	23	22.6	29	30.5	28.7	25	26.5	30.6	21.7	95	95	79	69	73	83	82.3	------
18	58.01	57.98	59.39	57.23	58.52	60.23	58.56	23	22.5	30.1	30.6	28.5	24.5	26.5	30.7	21.5	95	96	69	70	81	92	83.8	------
19	59.16	59.35	59.92	58.16	58.74	60.92	59.38	23.5	23	31	31.5	29	25.4	27.2	31.6	22.5	94	95	72	73	78	88	83.3	------
20	59.70	59.55	60.44	58.27	59.07	60.44	59.58	23.1	22.5	31.2	31.6	28	23.5	26.6	31.7	22.2	95	96	71	70	81	84	82.8	------
21	59.30	59.31	59.97	57.47	58.87	59.83	59.12	22.5	22.9	30.5	33	25.5	24.5	26.5	33.1	22	96	92	72	61	95	96	85.3	6.4
22	58.45	58.36	59.03	56.67	57.41	59.05	58.16	23.6	23	30	33	27.5	25	27	33.2	23	95	97	78	61	88	92	85.2	------
23	57.29	57.21	58.05	55.86	56.06	57.37	56.97	24.2	23.4	30	31.5	28.5	24	26.9	31.7	22.7	90	95	78	69	78	91	83.5	------
24	56.47	56.30	56.82	55.50	56.03	57.49	56.44	23.7	23.5	31.2	33	29	24.4	27.5	33.1	22.9	94	96	71	63	81	96	83.5	------
25	56.85	56.77	57.53	55.58	56.82	57.85	56.90	24	23.5	30.6	31.5	26.6	25.5	27	32	23	93	96	72	69	90	91	85.2	1.5
26	57.21	57.77	58.09	56.47	56.77	58.25	57.43	24.5	24	29.2	24	24	23.2	24.8	29.3	23	96	96	80	95	93	95	92.5	87.4
27	56.97	56.87	57.86	55.74	56.33	58.73	57.08	23	22.5	30	31.5	29	26.5	27.1	31.7	21.6	93	96	78	69	75	92	83.8	5.3
28	57.34	57.37	58.04	56.58	57.67	58.41	57.57	26.4	26.6	30.7	29	25.6	24.5	27.1	30.8	24.3	89	90	78	76	91	96	86.7	5.3
29	57.04	56.83	57.95	57.19	57.94	58.86	57.64	25.8	26.2	29	25.6	26	24.5	26.2	29.8	24.2	91	90	75	88	92	92	88	2.8
30	58.22	58.16	58.84	57.59	58.08	59.60	58.42	24	23.5	31	32.7	28	26	27.5	32.8	23.3	93	94	72	66	85	92	83.7	-----
Mean	56.82	56.64	57.62	55.95	56.39	57.87	56.89	24.5	24.4	28.3	28.8	26.7	25	26.3	29.8	23.2	93.7	94	82.6	79.6	86.9	92.3	88.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,022.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SW	3	W	2	SW	4	WSW	2	WSW	4	S	1	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
2	SSW	3	SSW	2	SSW	2	SSW	3	WSW	4	WSW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
3	SSW	2	E	1	ENE	1	WSW	3	SSW	2	S	1	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
4	W	1	NE	1	S	1	SSW	2	SW	2	SW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
5	SW	3	SSW	2	SSW	2	SW	2	SW	3	SW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
6	SW	4	SW	4	SW	4	WSW	4	SW	4	SW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
7	SW	3	SW	3	SW	3	SSW	3	SSW	1	S	2	9	Ci.-S.	N. WSW	9	Ci.-S.	Cu.-N. sw
8	S	2	S	2	SSW	2	SSW	1	NE	1	SSW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
9	WSW	3	WSW	2	SW	3	SSW	3	SW	2	SW	2	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
10	SW	3	SW	3	SW	4	SW	3	WSW	3	WSW	3	10	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. sw
11	SSW	3	SSW	3	SW	3	WSW	3	WSW	3	SW	2	9	Ci.-S.	Cu.-N. SW	8	Ci.-S. W	Cu. SW
12	SW	2	SW	3	WSW	2	SW	3	SW	1	SW	1	10	Ci.-S.	N. SW	10	Ci.-S. W	N. W
13	SW	1	NW	1	WSW	3	SW	3	SW	3	SW	2	9	Ci.-S. NW	S.-Cu. W	10	Ci.-S.	Cu.-N. W
14	SW	1	SW	1	SSW	1	WSW	2	WSW	2	NE	1	9	ci.-s. WNW	S.-Cu. W	8	Ci.-S.	Cu. W
15	NE	1	ENE	1	S	1	WSW	2	WSW	2	NE	1	5	Ci.-S.	Cu. W	6	Ci.	Cu. W
16	ENE	1	NE	1	S	1	WSW	3	SW	3	NE	1	8	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
17	NE	1	NE	1	SSE	1	SSW	1	WSW	2	NE	1	6	Ci.-S.	Cu. W	6	Ci.-S.	Cu. W
18	ENE	1	NE	1	S	1	S	1	SSW	1	ENE	1	6	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
19	ENE	1	E	1	S	1	S	1	WNW	1	NE	1	7	Ci.-S.	Cu. SW	8	Ci.-S.	N. SW
20	ENE	1	ENE	1	SW	1	SSW	1	E	1	NE	1	6	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. sw
21	NE	1	ENE	1	SW	1	NE	1	E	1	E	1	5	Ci.-S. NE	Cu.	8	Ci.-S. NE	Cu.-N. W
22	NE	1	E	1	NNE	1	ENE	2	SW	1	NE	1	7	Ci.-S.	Cu. NE	9	Ci.-S. NNE	Cu.-N. NE
23	ENE	1	ENE	1	SW	1	S	1	E	1	NE	1	6	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. NE
24	ENE	1	ENE	1	S	1	SW	3	SW	2	NE	1	5	Ci.	Cu. NE	8	Ci.-S.	Cu. NE
25	E	1	E	1	NNW	1	WSW	1	NNE	1	ENE	1	6	Ci.-S.	Cu.-N. NE	9	Ci.-S.	S.-Cu. NE
26	E	1	N	1	ENE	2	NNE	1	ENE	1	NE	1	9	Ci.-S.	N. NE	10	Ci.-S.	N. NE
27	ENE	1	ENE	1	SSW	1	S	1	WNW	1	SW	3	4	Ci.	Cu.	9	Ci.-S.	N. W
28	SW	2	SW	3	SW	2	SSW	2	WSW	2	E	1	8	Ci.-S.	N. SW	10	Ci.-S.	N. SW
29	NE	1	W	1	SW	2	WSW	3	SW	3	NE	1	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	N. WSW
30	ENE	1	NE	1	SSW	1	SSE	1	E	1	E	1	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu.-N. W
Mean	-------	1.7	-------	1.6	-------	1.8	-------	2.1	-------	2	-------	1.5	8	-------	-------	8.8	-------	-------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.61	59.44	60.17	58.08	58.24	60.12	59.11	24	23.5	31	33.4	27.4	24.5	27.3	33.5	23.2	95	96	76	64	84	92	84.5	------
2	59.05	58.94	59.93	57.92	58.42	60.23	59.08	23.9	22.5	29.6	33.4	29.8	26.7	27.6	34	22.4	92	96	69	65	78	86	81	------
3	59.38	59.33	60.64	58.11	59.16	61.38	59.67	24.9	24.6	29.6	32	27	25.5	27.3	32.8	24.2	94	95	71	67	86	91	84	2.3
4	59.64	59.62	60.38	58.80	58.83	60.64	59.65	23.8	23.6	30.5	28.6	27.5	25.2	26.5	32	23.4	93	90	75	85	85	90	86.3	28.7
5	60.19	60.26	61.16	58.72	59.68	60.64	60.11	24	23	30.7	31.5	27	24	26.7	31.8	22.9	93	95	74	70	80	91	83.8	------
6	60.06	60.24	61.28	59.20	59.86	60.83	60.24	23.9	23.2	30	29.2	26	25	26.2	31	23	92	94	69	72	81	88	82.7	------
7	59.65	59.85	60.87	58.99	59.52	60.74	59.94	24.5	24	29	29	26.6	24.5	26.3	30.5	23.6	96	96	71	78	80	91	85.3	------
8	60.28	60.85	61.48	59.20	59.91	61.37	60.52	23.8	24	29	31.3	28	26	27	31.8	23.1	93	94	71	64	77	84	80.5	------
9	60.52	60.65	61.29	59.38	59.76	61.35	60.49	23.2	22.6	30.5	30.6	26.5	24.6	26.3	31.5	22.5	93	95	72	64	76	88	81.3	------
10	60.53	60.61	61.21	59.07	59.80	60.57	60.30	24	23	30.2	30.6	28	24.5	26.7	31	22.5	92	93	64	60	70	87	77.7	------
11	59.57	59.51	60.26	57.87	59.02	60.17	59.40	23.5	22.7	29.5	32	26.5	25	26.5	32.1	22	96	94	68	60	77	88	80.5	------
12	59.43	59.67	60.24	58.18	58.57	60.12	59.37	24.9	24.5	30	31.3	27.5	25	27.2	31.4	24.1	89	91	65	60	70	83	76.3	------
13	60.08	60.49	61.01	58.92	60.01	61.55	60.34	23	22	30	31.6	26.5	24	26.2	31.6	21.2	93	91	65	56	77	93	79.2	------
14	60.73	61.46	61.87	59.77	60.01	61.28	60.85	23.5	23	30	31	26.6	24.6	26.4	31.9	22.5	87	91	71	59	72	83	77.2	------
15	60.34	60.94	61.72	59.12	59.84	61.10	60.51	23.5	22.2	28.5	29.3	26.4	25	25.8	31	21.5	92	93	67	69	81	83	80.8	------
16	60.45	60.40	61.87	59.57	59.93	61.54	60.63	22.5	21.5	28.5	28	27	26	25.6	29.8	21	92	95	68	70	73	78	79.3	------
17	60.98	61.43	62.62	60.42	60.87	62.34	61.44	24	23	27.6	28.5	26	25.2	25.7	29.8	22.6	91	93	77	70	78	82	81.8	------
18	60.88	61.24	62.12	60.04	60.51	61.65	61.07	24.5	23.2	30.4	31.1	26.5	25	26.8	32.1	23.1	94	93	63	60	79	88	79.5	2.5
19	60.69	60.63	61.37	59.27	60.04	61.24	60.54	24.3	23.8	28.6	30	26.2	24.8	26.3	30.5	23.5	96	93	73	68	87	93	85	------
20	60.30	60.23	61.59	59.40	60.26	61.99	60.63	24.9	24.8	29	31	27	25.1	27	32.5	23.5	90	90	75	65	71	83	79	------
21	61.48	61.66	62.47	60.58	61.04	61.95	61.53	24	22.8	30	30.2	27.4	25.6	26.7	32	22.7	93	97	67	68	71	87	80.5	------
22	61.17	61.14	62.22	60.20	61.44	61.78	61.32	24.2	24.2	30	30.8	26.6	24.8	26.8	32.1	23.5	91	90	69	59	80	85	79	------
23	61.04	61.13	61.97	60.26	61.25	62.52	61.36	23.4	23.8	30.2	31.8	26.5	24.7	26.7	32.3	22.5	88	85	58	55	74	87	74.5	------
24	61.59	61.96	62.64	60.25	61.12	62.32	61.65	22.8	22.5	30	31	26.6	24.6	26.2	32.3	22.4	93	96	62	63	72	87	78.8	2
25	61.78	61.77	62.52	60.77	61.02	61.78	61.61	23.2	23	28.6	28.5	26.4	24.8	25.8	29	22.5	97	97	69	68	75	88	82.3	------
26	61.24	61.32	61.97	59.37	59.98	61.42	60.88	24.6	24.5	28.6	29.8	26.7	24.3	26.4	31.9	23.5	90	87	73	65	77	89	80.2	------
27	60.44	60.68	61.09	58.91	59.99	61.39	60.42	21.9	21.6	29.8	31	27.5	26.2	26.3	32.5	21.5	92	95	67	62	75	82	78.8	------
28	60.84	61.07	61.96	60.14	61.17	62.63	61.30	24.7	24.5	32.3	29.4	24.8	24	26.6	33	23.7	90	84	59	71	90	93	81.2	3.3
29	61.10	61.49	62.55	59.96	60.41	61.68	61.20	23.9	24	29.5	31	26.7	24.2	26.6	31.2	22.1	92	86	64	59	74	90	77.5	------
30	61.04	61.33	61.72	59.04	60.17	61.84	60.86	22.3	21	28.7	31.6	27.4	25.2	26	31.7	21	96	96	73	61	71	85	80.3	------
31	61.34	61.32	62.11	59.87	61.42	62.57	61.44	24.8	23.6	29.5	31.5	27.5	25.7	27.1	32	23.5	85	86	65	58	69	86	74.8	8.9
Mean	60.47	60.67	61.49	59.33	60.04	61.38	60.56	23.8	23.2	29.7	30.6	26.9	25	26.5	31.7	22.7	92.3	92.5	68.7	65	77.1	87.1	80.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	47.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	ENE	1	SW	1	NW	1	E	1	NE	1	8	Ci.-S.	Cu. W	10	Ci.-S.	Cu.-N. W
2	E	1	E	1	NW	1	SW	1	NNW	1	NE	1	4	Ci.	Cu.	8	Ci.-S.	Cu. W
3	NE	1	ENE	1	ENE	1	SSE	2	NE	1	NE	1	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	N. E
4	NE	1	E	1	NE	1	SSW	1	SW	1	ENE	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. SE
5	ENE	1	NE	1	SW	1	SW	1	SE	1	NE	1	6	Ci.-S. NE	Cu. E	8	Ci.-S.	Cu.-N. E
6	NE	1	ENE	1	NE	2	ENE	1	NE	1	NE	1	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
7	ENE	1	E	1	ENE	2	ENE	2	NE	1	NE	1	5	Ci.-S.	Cu. E	9	Ci.-S. N	Cu.-N. E
8	NE	1	NE	1	ENE	2	ENE	2	ENE	1	E	2	7	Ci.-S. NE	Cu. E	7	Ci.-S.	Cu. E
9	E	1	Calm	----	SE	1	NE	2	ENE	1	ENE	1	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
10	ENE	1	ENE	1	NE	2	NE	2	ENE	1	NE	1	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
11	ENE	1	ENE	1	NE	1	NE	1	ENE	1	NE	1	5	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
12	NE	1	ENE	1	ENE	2	E	3	NE	2	NE	1	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. SE
13	E	1	E	1	NE	2	NE	2	NE	1	NE	1	5	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. SE
14	NE	2	ENE	1	E	1	NE	1	NE	2	NE	1	8	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
15	NE	2	ENE	1	E	1	NE	1	NE	2	NE	1	8	Ci.-S. NE	S.-Cu. SE	9	Ci.-S.	Cu. SE
16	E	1	E	1	ENE	3	NE	3	NE	3	NE	3	6	Ci.-S. NE	Cu. SE	7	Ci.-S.	Cu.-N. SE
17	E	2	ENE	1	NE	3	NE	3	NE	2	NE	2	5	Ci.-S.	Cu. SE	9	Ci.-S.	S.-Cu. SE
18	E	2	ENE	2	NE	3	ENE	3	ENE	2	ENE	2	5	Ci.-S.	Cu. SE	9	Ci.-S.	S.-Cu. SE
19	NE	1	NE	1	NE	2	NE	2	NE	1	ENE	2	8	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.-N. SE
20	NE	2	NE	2	NE	2	NE	2	ENE	1	NE	1	8	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
21	E	1	SSE	1	ENE	1	NE	3	NE	1	NE	2	5	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
22	NE	1	NE	1	ENE	3	NE	3	ENE	1	NE	2	7	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
23	ENE	2	E	2	ENE	3	NE	3	NE	3	NE	1	5	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
24	E	1	NE	1	NE	3	ENE	3	E	3	NE	1	5	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
25	ENE	2	NE	2	ENE	3	ENE	3	NE	3	NE	3	6	Ci.-S. E	Cu. SE	7	Ci.-S.	Cu. SE
26	NE	3	NE	3	NE	3	ENE	3	ENE	2	NE	1	8	Ci.-S. E	Cu. SE	6	Ci.-S.	Cu. E
27	E	1	ENE	1	NE	3	NE	2	NE	1	NE	1	6	Ci.-S. NE	Cu. E	7	Ci.-S.	Cu.-N. E
28	NE	2	NE	2	NE	2	NE	3	NE	2	NE	1	5	Ci.-S.	Cu. E	9	Ci.-S.	N. E
29	ENE	2	NE	2	NE	3	NE	3	NE	3	NE	1	5	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
30	NE	1	ENE	1	ENE	2	NE	3	NE	2	NE	1	5	Ci.-S.	Cu. E	7	Ci.-S. NNE	Cu. E
31	NE	1	Calm	----	ENE	3	NE	3	NE	3	NE	1	5	Ci.	Cu. E	6	Ci.-S.	Cu. E
Mean	-------	1.4	-------	1.2	-------	2	-------	2.2	-------	1.6	-------	1.3	6.2	------------	------------	7.4	------------	------------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.67	61.65	62.62	60.64	61.54	62.62	61.79	24.8	24.6	29.8	30	25.6	24.9	26.6	30.8	24	87	87	66	69	85	87	80.2	------
2	61.57	61.58	62.07	59.92	60.96	62.69	61.46	24.5	24.2	29.8	31.8	27.4	24.8	27.1	32	24	91	90	67	58	74	85	77.5	------
3	60.63	60.61	60.54	58.51	59.22	60.49	60	23.6	22.4	29.3	31.6	27.2	24.4	26.4	31.8	22.3	86	93	66	59	73	88	77.5	------
4	60.26	60.59	60.76	58.38	59.77	60.94	60.12	23.8	23.5	30.8	32.8	28	24.5	27.2	32.9	21.8	88	87	66	57	74	87	76.5	------
5	60.39	60.46	60.91	58.89	60.31	60.50	60.24	23.4	23.5	30	30.5	27	25.3	26.6	33.8	22.5	93	92	65	70	88	89	82.8	------
6	59.46	59.46	60.29	58.14	58.89	60.24	59.41	24.2	24	29.5	31.8	27.5	26.4	27.2	32	22.9	97	97	68	61	70	85	79.7	------
7	59.35	59.34	59.92	58.11	59.07	59.79	59.26	24.8	24.7	30.2	29.5	28	25.7	27.2	32.4	24.2	88	87	66	75	76	86	79.7	------
8	59.01	59.09	59.73	57.59	58.47	59.69	58.93	24.7	24.8	30.2	30.2	28.2	26	27.4	31	24.3	86	84	64	68	72	85	76.5	------
9	59.46	59.42	59.71	58	59.47	60.57	59.44	24.8	22.8	30.4	32	28.5	24	27.1	33.1	22.5	85	93	63	58	64	91	75.7	------
10	59.55	59.73	60.06	57.92	59.21	60.33	59.47	23.8	23.6	30.6	32	27.5	25.9	27.2	32.1	22.9	85	90	59	55	66	77	72	8.9
11	59.41	59.77	59.82	57.54	58.37	59.64	59.09	24.2	23.6	29	31	27.6	25.3	26.8	31.1	23.4	93	93	68	55	66	78	75.5	------
12	59.09	59.29	59.91	57.34	58.69	59.84	59.03	24	23.3	30.6	31.5	27.4	26.2	27.2	32.8	22.5	86	93	64	58	77	79	76.2	------
13	59.18	59.31	59.94	57.86	59.34	60.27	59.32	25	24.8	30.8	31.6	28	26.2	27.7	32	24.5	92	89	64	61	68	79	75.5	------
14	59.53	59.70	60.51	57.62	58.74	59.57	59.28	25.2	24.2	30.2	32	28.5	25.8	27.6	32.8	24	85	90	68	59	67	78	74.5	2.3
15	58.94	59.03	60.07	57.74	58.72	60.32	59.14	25	24.6	30.2	31.3	28	26.3	27.6	32.1	24.1	92	88	65	60	68	83	76	------
16	59.46	59.42	60.08	57.89	57.82	59.35	59	24.5	22.6	27.7	29.5	27.2	25.6	26.2	30.2	22	86	95	76	69	75	84	80.8	------
17	58.60	58.44	59.72	57.16	58.29	59.38	58.60	24.8	23.9	30.8	32.8	29	24.7	27.7	33.2	23.5	85	92	59	51	64	86	72.8	------
18	58.54	58.87	59.74	57.71	58.41	59.82	58.85	24	22.5	29.5	32	28	25.8	27	32.3	22.1	91	92	65	57	67	84	76	------
19	59.70	59.79	60.46	58.04	59.07	60.17	59.54	23.9	22	29.7	31.8	28	26.9	27	32.9	21.6	88	98	69	58	68	76	76.2	------
20	59.85	60.22	60.74	58.77	59.08	60.63	59.88	24.8	24.7	31.2	32.7	29	24.5	27.8	33	23	85	86	61	57	71	84	74	------
21	60.45	60.53	61.01	58.82	59.20	60.22	60.04	22.7	22.6	31	32.2	28.7	26.5	27.3	32.5	22.4	94	95	62	55	71	79	76	------
22	59.92	60.02	61.18	58.94	59.14	60.68	59.98	25.6	25.8	30.3	31.5	28	25.8	27.8	33	24.6	81	78	63	58	63	85	71.3	------
23	60.15	60.09	60.34	58.46	59.48	60.68	59.87	24.3	24	31.3	30.8	28.5	25.3	27.4	31.8	22.1	91	91	66	60	71	81	76.7	------
24	60.07	60.59	61.21	58.06	59.78	60.42	60.02	24.2	23	30.9	34.2	29.8	25.2	27.9	34.8	22.5	95	95	60	50	61	82	73.8	------
25	59.60	59.54	60.09	58.36	59.71	60.11	59.57	25	23.8	30.9	32.5	28.4	26.2	27.8	32.9	23.6	90	92	60	55	71	82	75	------
26	60.42	60.55	61.45	58.89	59.96	61.23	60.42	25.2	25	31.8	31.2	26.5	25.7	27.6	32.3	24.5	87	87	55	60	83	91	77.2	6.6
27	59.79	60.04	61.51	58.97	60.52	61.89	60.45	25.2	25	29.5	31.8	27.5	24.8	27.3	32	23.9	90	92	71	60	73	85	78.5	52.1
28	59.39	59.29	60.69	58.64	59.40	60.28	59.62	24	24.8	28.2	28.8	26.3	25	26.2	29	23.6	93	90	76	72	74	90	82.5	------
29	59.80	58.99	60.42	58.70	59.88	60.89	59.78	24.7	24.2	28	28.9	26.3	24.5	26.1	29.2	24	90	90	74	71	82	93	83.3	1.5
30	59.99	59.88	61.25	58.94	59.73	60.84	60.10	24.2	24	27	28	26.5	25.8	25.9	29.2	23.9	95	93	84	81	85	87	87.5	------
Mean	59.77	59.84	60.56	58.35	59.34	60.47	59.72	24.4	23.9	30	31.3	27.7	25.5	27.1	32	23.2	89.2	90.6	66	61.2	72.2	84.2	77.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	71.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	3	NE	1	E	3	ENE	2	NE	1	NE	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
2	NE	3	NE	1	E	3	ENE	2	NE	1	NE	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
3	E	1	ENE	1	NE	2	NE	3	NE	1	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
4	NE	1	ENE	1	NE	1	SE	1	NE	1	NE	1	5	Ci.-S.	Cu. E	8	Ci.	Cu.-N. E
5	NE	1	ENE	1	NE	1	SE	1	NE	1	NE	1	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
6	NE	1	ENE	1	ENE	2	NE	2	NE	1	NE	1	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
7	NE	3	NE	2	ENE	2	NE	3	NE	1	NE	2	7	Ci.-S.	Cu. E	9	Ci.-S.	N. E
8	NE	3	ENE	3	NE	3	NE	3	NE	3	NE	3	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
9	NE	2	NE	2	NE	2	NE	2	NE	1	NE	1	5	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
10	NE	2	NE	1	NE	2	NE	3	NE	2	NE	2	6	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
11	NE	2	ENE	1	ENE	2	NE	3	NE	2	NE	1	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
12	NE	2	NE	2	ESE	3	NE	3	NE	1	NE	2	7	Ci.-S.	Cu. E	8	Ci.-S. ENE	Cu. E
13	NE	2	NE	2	ESE	3	NE	3	NE	1	NE	1	7	Ci.-S. NNE	Cu. SE	6	Ci.-S.	Cu. SE
14	NE	2	NE	2	NE	2	NE	1	NE	1	NE	1	5	Ci.-S.	Cu. SE	9	Ci.-S.	N. SE
15	NE	1	NE	2	NE	3	NE	3	NE	2	NE	2	8	Ci.-S. NNE	Cu. SE	6	Ci.-S.	Cu. SE
16	NE	1	E	1	ENE	2	ENE	2	NE	2	NE	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
17	NE	1	ENE	2	NE	2	NE	2	NE	1	NE	1	6	Ci.-S.	Cu. SE	5	Ci.	Cu. SE
18	NE	1	ENE	1	NE	2	ENE	3	NE	1	NE	2	5	Ci.-S.	Cu. SE	5	Ci.	Cu. SE
19	NE	1	ENE	1	NE	1	NE	2	NE	1	NE	1	4	Ci.-S.	Cu. SE	6	Ci.-S.	Cu.-N. SE
20	NE	1	NE	1	NE	1	NE	2	E	1	NE	1	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
21	NE	1	ESE	1	NE	3	NE	3	NE	3	NE	3	6	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
22	NE	3	NE	3	NE	3	NE	3	NE	3	NE	2	7	Ci.-S.	Cu. SE	6	Ci.-S.	S.-Cu. SE
23	NE	1	E	1	NE	3	ENE	3	NE	3	NE	1	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
24	NE	1	ENE	1	ENE	2	NE	3	NE	1	NE	1	5	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
25	NE	1	ENE	1	NE	3	ENE	3	NE	2	NE	1	4	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
26	NE	1	NE	1	NE	3	ENE	3	NE	2	NE	1	6	Ci.-S. ENE	Cu. SE	9	Ci.-S.	S.-Cu. SE
27	NE	2	NE	3	NE	3	NE	3	NE	2	NE	3	9	Ci.-S. NNE	S.-Cu. SE	8	Ci.-S.	Cu. SE
28	NE	3	NE	3	ENE	3	ENE	3	NE	1	NE	3	7	Ci.-S.	Cu. SE	9	Ci.-S.	N. SE
29	NE	3	NE	2	ENE	2	ENE	3	NE	3	NE	1	7	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
30	NE	1	NE	2	ENE	3	NE	3	NE	3	NE	3	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
Mean	-------	1.7	-------	1.6	-------	2.3	-------	2.5	-------	1.6	-------	1.5	6	------------	------------	7	------------	------------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.24	60.18	60.89	59.34	59.47	60.88	60.17	24.7	24.2	28.2	29	27.5	25.9	26.6	30.5	24	92	95	76	71	76	85	82.5	------
2	60.42	60.65	61.57	59.42	60.04	61.07	60.53	25	24.5	27.6	29.6	27.5	25.4	26.6	30.2	24	88	87	83	71	77	87	82.2	------
3	60.40	60.57	61.64	58.67	59.39	61.43?	60.35	24.8	24	28.5	31.5	28	26	27.1	31.7	23.9	89	93	74	60	74	84	79	1.5
4	59.54	60.05	60.57	58.34	59.03	60.04	59.60	25.4	24	29	30.8	27.5	25.9	27.1	30.9	23.9	85	91	74	64	79	85	79.7	------
5	59.17	59.29	60.28	58.01	58.94	60.32	59.34	24.9	24.4	28	30.4	27.6	25.8	26.8	30.8	24	91	93	77	69	77	87	82.3	------
6	59.99	59.85	60.97	58.34	60.18?	60.52	59.98	24.8	24.6	29.8	31	27.5	25.7	27.2	31.2	24.3	91	91	66	61	78	86	78.8	3.8
7	60.53	59.83	60.76	58.69	59.23	60.87	59.98	24.6	24	29.2	31	26.6	25.6	26.8	31	23.6	88	91	67	59	80	84	78.2	------
8	59.97	59.50	60.04	58.19	58.74	60.14	59.43	24.2	24.3	29.7	27.5	25	24.3	25.8	30	24	90	93	69	78	87	89	84.3	12.2
9	59.99	59.89	61.02	59.09	59.38	60.79	60.03	23.2	23.6	26.7	28	26.4	24.8	25.4	28.2	22.3	88	86	79	69	78	85	80.8	------
10	59.63	59.68	60.28	58.22	58.99	60.24	59.51	24.1	23.9	29	30.7	26.7	25.3	26.6	30.8	23.1	89	84	68	61	80	86	78	------
11	59.70	60.07	60.74	58.06	59.22	60.27	59.68	24.3	24.2	28.5	30.5	25.8	25.2	26.4	30.5	23.9	89	88	74	62	85	88	81	1.3
12	59.40	59.39	60.48	58.54	59.29	59.94	59.51	24.5	24.2	29	26.7	25	24.9	25.7	29.5	24	89	90	71	80	92	90	85.3	5.3
13	59.89	59.81	61.59	59.44	59.62	60.84	60.20	24.5	24.1	27.2	29	26	25	26	29.3	24	92	94	75	68	80	85	82.3	------
14	60.59	60.54	61.62	59.01	59.52	60.99	60.38	24.5	23.5	29.5	29.9	26.7	24.3	26.4	31	23	87	92	59	65	71	89	77.2	------
15	60.19	59.98	60.83	58.96	60.17	61.40	60.26	23.7	23	28.6	31.2	27.5	24.7	26.4	32	22.6	92	95	73	62	78	86	81	------
16	61.19	61.30	62.43	60.17	60.58	62.13	61.30	24.3	24	27.2	31.3	27.3	25.8	26.6	31.5	23.9	91	91	83	60	75	87	81.2	------
17	60.95	61.97	62.97	60.42	61.14	62.02	61.58	25	24	30.5	31.8	26	22.8	26.7	32	22.1	92	95	62	56	73	88	77.7	------
18	61.19	62.11	62.67	60.22	60.69	61.49	61.40	22.2	21.4	29.5	32.5	28.3	24.2	26.4	32.8	20.9	89	93	65	52	66	90	75.8	------
19	60.43	60.54	61.73	59.95	60.32	61.24	60.70	23.3	22	29.5	29.8	27.7	25.7	26.3	31.8	21.8	90	95	68	63	72	81	78.2	------
20	60.64	60.78	61.72	59.66	60.92	61.27	60.83	24.8	24	27.8	29.2	26.3	24.8	26.2	30	23.9	87	91	71	63	74	85	78.5	------
21	60.08	60.16	60.87	58.34	59.49	59.94	59.81	24	23.3	29.8	31.3	28.5	25.6	27.1	31.4	23	91	93	66	61	73	79	77.2	------
22	58.97	59.85	60.68	58.12	58.87	59.69	59.36	25.4	24.5	28.6	33	27.7	24.3	27.2	33	23	80	96	77	61	79	89	80.3	2.3
23	59.29	60.32	61.18	58.62	60.17	61.27	60.14	22.8	24	30.5	33.2	28	25.8	27.4	33.2	22.5	92	96	63	52	68	77	74.7	------
24	60.78	61.03	61.89	59.49	60.20	61.82	60.87	24.9	24	26.4	27.8	26.7	25.3	25.8	28	23.6	83	88	81	74	79	86	81.8	------
25	60.83	61.75	62.62	60.35	61.33	62.73	61.60	24.3	22.3	30.8	31.9	26.5	22.5	26.4	32.2	21.7	86	88	57	55	73	87	74.3	------
26	61.89	62.25	62.78	60.41	61.43	62.59	61.89	21.7	23.6	28.6	29.8	26	24.8	25.8	30.8	20.8	89	86	60	60	76	82	75.5	------
27	61.84	62.44	63.18	61.39	61.69	62.61	62.19	23.8	24.3	29.8	30.2	25.8	24.4	26.4	30.5	22.6	84	84	60	61	78	87	75.7	------
28	61.76	62.14	63.60	60.40	61.73	63.24	62.14	23.6	24.7	29	30.8	25.7	22.1	26	31	20.8	86	81	68	60	78	90	77.2	------
29	61.75	62.71	63.14	59.26	59.69	60.24	61.13	22.2	21.8	29.4	30	25.5	22.9	25.3	30.4	21.4	89	84	62	65	81	83	77.3	------
30	59.33	59.84	60.89	59.09	59.94	61.17	60.04	21.9	22.9	26.3	29.5	25.9	24.3	25.1	29.7	21.6	83	85	82	61	77	81	78.2	------
31	59.91	61.39	61.77	59.74	60.67	61.74	60.87	22.8	22	29.5	30.8	25.5	23.8	25.7	31	21.4	89	91	61	58	72	85	76	------
Mean	60.34	60.64	61.53	59.22	60	61.13	60.48	24	23.7	28.8	30.3	26.7	24.8	26.4	30.9	22.9	88.4	90.3	70	63.3	77	85.6	79.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	26.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	2	NE	3	NE	3	NE	1	NE	3	7	Ci.-S.	Cu. SSE	7	Ci.-S.	Cu.-N. SSE
2	NE	3	NNE	3	NE	3	NE	3	NE	1	NE	2	7	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. SSE
3	NE	2	ENE	2	NE	3	ENE	3	NE	1	NE	1	8	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. SSE
4	ENE	1	NE	1	NE	3	NE	3	NE	2	NE	1	8	Ci.-S. E	Cu. SE	7	Ci.-S.	Cu. SE
5	NE	1	NE	1	NE	1	NE	2	NE	2	NE	1	9	Ci.-S.	Cu.-N. SE	5	Ci.	Cu. SE
6	ENE	1	ENE	1	NE	3	NE	3	NE	3	NE	1	6	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. SSE
7	ENE	1	ENE	1	ENE	3	NE	3	ENE	3	NE	1	6	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. SSE
8	NE	3	E	3	NE	3	NE	3	NE	1	NE	2	7	Ci.-S.	Cu. SSE	8	Ci.-S.	Cu.-N. SSE
9	NE	1	NE	1	NE	1	NE	2	NE	2	NE	2	8	Ci.-S.	Cu. SSE	7	Ci.-S.	Cu. SSE
10	ENE	3	ENE	3	ENE	2	E	2	NE	3	NE	3	9	Ci.-S.	S.-Cu. SSE	5	Ci.	Cu. SSE
11	NE	2	NE	3	E	3	ENE	3	NE	1	NE	3	7	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu.-N. SSE
12	ENE	3	E	3	NE	3	NE	3	NE	1	NE	1	7	Ci.-S.	S.-Cu. SSE	9	Ci.-S. ENE	N. SSE
13	NE	2	NE	2	NE	2	NE	3	NE	3	NE	1	8	Ci.-S. ENE	S.-Cu. SSE	6	Ci.-S.	Cu. SSE
14	NE	1	NE	1	NE	3	NE	3	NE	1	NE	3	7	Ci.-S. E	Cu. SSE	7	Ci.-S.	Cu. SSE
15	NE	1	NE	1	NE	3	NE	3	NE	3	NE	3	5	Ci.	Cu. SSE	6	Ci.-S.	Cu. SSE
16	NE	2	ENE	1	NE	3	NE	2	NE	3	NE	2	10	Ci.-S.	N. SSE	7	Ci.-S.	Cu. SSE
17	NE	1	NE	1	NE	3	NE	2	NE	1	NE	1	5	Ci.	Cu. SSE	6	Ci.-S.	Cu. SSE
18	NE	1	NE	1	NE	3	NE	1	NE	1	NE	1	7	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. SSE
19	E	1	E	1	NE	3	NE	3	NE	3	NE	1	6	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.-N. SE
20	ENE	3	ENE	3	NE	3	NE	3	NE	1	NE	2	8	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
21	NE	1	ENE	1	ENE	3	ENE	3	ENE	3	NE	1	7	Ci.-S.	Cu. SSE	6	Ci.-S.	Cu. E
22	NE	2	NE	2	NE	2	NE	1	NE	1	NE	1	5	Ci.-S.	S.-Cu. E	8	Ci.-S.	N. E
23	ENE	1	E	1	NNE	2	NE	1	NE	1	NE	2	4	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
24	NE	3	ENE	2	ENE	3	ENE	3	NE	3	ENE	2	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.-N. SE
25	NE	1	E	2	NE	3	ENE	3	ENE	2	E	3	4	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
26	NE	2	ENE	2	NE	3	ENE	3	NE	2	E	3	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. E
27	NE	2	NE	2	ENE	3	ENE	3	ENE	3	NE	1	7	Ci.	Cu. E	8	Ci.-S. NNE	Cu. E
28	ENE	1	E	2	ENE	3	ENE	2	NE	3	NE	2	6	Ci.-S.	Cu. E	5	Ci.	Cu. E
29	ENE	1	E	1	ENE	2	ENE	3	E	2	ENE	2	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
30	ENE	1	NE	2	ENE	3	NE	1	NE	2	NE	1	4	Ci.	Cu. E	7	Ci.	Cu. E
31	ENE	1	NE	1	ENE	2	NE	3	NE	1	NE	1	6	Ci.	Cu. E	5	Ci.	Cu. E
Mean	-------	1.6	-------	1.7	-------	2.7	-------	2.5	-------	1.9	-------	1.7	6.5	------------	------------	6.5	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	65.25	65.30	66.06	63.76	64.47	64.96	64.97	24.2	24.4	26	26.5	25.5	24.8	25.2	27.6	23	86	84	76	77	81	85	81.5	1.8
2	63.80	64.54	65.57	63.53	64.50	65.68	64.60	24.6	24.4	23.9	24.8	23.5	23.5	24.1	25	23	88	91	97	92	96	94	93	108
3	64.88	65.11	66.26	64.62	65.41	65.76	65.34	24	23.8	23.5	25.6	22	24	23.8	25.7	21.8	91	93	96	82	98	91	91.8	94
4	65.13	65.18	66.28	64.36	64.35	65.63	65.16	22.8	23	23.8	23	23.8	24	23.4	24.6	22.2	93	90	93	91	88	88	90.5	24.6
5	64.36	65.09	65.94	63.26	63.84	64.77	64.54	24	22	28	27.5	25	22.4	24.8	28.8	21.4	88	96	77	76	88	96	86.8	------
6	63.73	64.70	65.45	63.48	64.03	65.08	64.41	21.2	20.4	28	28.5	24.8	22	24.2	28.7	20.2	98	99	74	73	89	96	88.2	------
7	63.85	64.74	65.43	63.58	64.65	65.52	64.63	20.6	19.7	27.4	27.5	23	22	23.4	27.8	19.6	98	99	70	77	96	96	89.3	11.7
8	64.72	65.06	66.48	65.11	66.61	68.27	66.04	23	24	25.6	25.7	24.3	23.8	24.4	26	22.3	87	81	79	77	77	77	79.7	4.3
9	67.41	68.42	69.41	67.58	67.91	68.04	68.13	22.1	22.1	23.6	22.3	22.9	22.1	22.5	24.3	21	78	76	81	77	76	77	77.5	4.1
10	66.53	66.82	68.02	65.96	66.13	66.44	66.65	23.5	23.1	25.7	26.4	23	23.4	24.2	26.8	21.6	68	71	61	59	74	68	66.8	.5
11	64.97	65.02	65.95	63.96	64.03	64.50	64.74	22.5	22.3	26.6	27	22.5	22.9	24	27.4	20	78	80	65	66	91	83	77.2	.5
12	63.80	63.63	64.21	62.62	63.07	63.73	63.51	20.9	24	27	27.7	23.2	24	24.5	28.3	20.7	83	83	72	76	94	91	83.2	21.1
13	63.03	63.13	63.51	61.89	62.47	62.91	62.82	24	24	26.4	28	26	25.6	25.7	28.8	23.5	89	89	84	74	82	87	84.2	.8
14	62.10	62.55	62.98	62.16	63.18	63.41	62.73	24.6	24.5	28.3	28.1	26	25.5	26.2	29	23.8	92	92	77	77	80	84	83.7	1.3
15	62.72	63.64	64.31	62.23	63.26	63.80	63.33	25	24	26.6	28.1	24.5	24	25.4	28.4	23	83	86	87	77	88	91	85.3	7.5
16	62.75	63.92	64.40	62.93	64.03	64.35	63.73	24	24	28	28.5	25.3	24.5	25.7	28.7	23.8	86	83	67	67	77	79	76.5	------
17	63.98	64.38	64.86	63.09	64.12	64.47	64.15	24.3	24.6	28.5	28.5	24.5	25	25.9	28.7	23.6	79	76	66	67	80	80	74.7	------
18	63.36	63.86	64.66	62.02	62.68	63.61	63.36	22.2	20.4	28.3	28.7	25.2	25	25	28.8	20.3	89	96	70	66	82	83	81	------
19	62.43	62.69	62.91	60.63	62.09	62.92	62.28	22.8	22.6	27	29	24.4	22	24.6	29.2	21.4	91	91	72	64	80	93	81.8	------
20	61.33	62.25	62.89	60.78	61.76	62.60	61.94	20.4	20	26	27	25.1	24.6	23.8	28.5	19.9	98	100	80	73	83	84	86.3	------
21	61.30	61.84	63.03	61.12	61.94	62.78	62	24.4	23.8	27.9	28.5	25.1	24.5	25.7	28.6	23.2	84	86	71	67	79	83	78.3	.3
22	61.27	62.03	63.17	61.69	62.06	63.03	62.21	24.2	23	27.6	28.5	25	25	25.6	28.8	23	86	96	75	74	83	88	83.7	.5
23	61.89	62.38	63.46	61.98	62.83	63.98	62.75	24.2	25	27	28	25.2	25	25.7	28.2	23.6	82	82	75	70	74	72	75.8	2.5
24	62.59	62.92	63.83	61.73	62.16	63.03	62.71	24.5	24	28.5	29.4	25	24.5	26	29.7	23.8	81	83	67	64	78	75	74.7	------
25	61.53	62.07	63.22	61.37	61.77	62.82	62.13	24.3	24	28	28.5	25	24.2	25.7	29.6	23.5	77	81	63	60	74	78	72.2	------
26	62.48	62.57	63.31	62.18	62.86	63.73	62.86	24	24	27	26.5	25.1	25	25.3	29	23.3	77	75	70	73	76	80	75.2	------
27	63	63.24	63.63	62.26	62.82	63.45	63.07	25	24.9	28	29	25.1	25	26.2	29.2	24.5	80	80	68	64	75	80	74.5	------
28	62.38	62.74	63.22	61.27	61.34	62.13	62.18	24.5	23.4	28	29	24.6	23.5	25.5	29.2	21.5	79	84	66	58	79	83	74.8	2
29	61.63	62	62.85	60.66	61.21	62.25	61.77	21	20.4	24	27.2	24.8	23.5	23.5	28.2	19.5	94	96	87	75	81	87	86.7	3.3
30	61.50	61.95	62.51	60.91	61.48	62.71	61.84	22.8	20.8	28.1	28.5	25.7	25.5	25.2	28.8	20.5	91	98	77	74	86	80	84.3	.3
31	61.70	62.48	62.94	60.94	61.47	62.62	62.02	25.6	25	27.5	29	25.8	25	26.3	29.4	23.2	79	80	69	66	78	76	74.7	------
Mean	63.27	63.75	64.54	62.70	63.37	64.16	63.63	23.4	23.1	26.8	27.4	24.5	24.1	24.9	28.1	22.1	85.6	87	75.2	72	82.7	84	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	289.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	143.2	173.8	152.9	143.2	613.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
2	NE	NE	NE	NE	NE	ENE	154.5	165.7	177	159.3	656.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
3	ENE	ENE	ENE	ENE	ENE	ENE	185.8	160.1	101.4	175.4	622.7	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	S.-Cu. NE
4	ENE	ENE	ENE	ENE	ENE	ENE	180.2	140	96.6	93.3	510.1	10	------	Cu.-N. ENE	10	Ci.-S.	S.-Cu. ENE
5	E	E	ESE	E	Calm	Calm	68.2	49.3	67.1	16.3	200.9	6	Ci.	Cu. ENE	7	Ci.	Cu. E
6	Calm	Calm	E	E	Calm	Calm	18.7	44.5	60	13.1	136.3	2	Ci.	Cu.	2	Ci.	Cu. E
7	Calm	Calm	E	NNE	NNE	Calm	17.5	36.5	69.2	54.7	177.9	2	Ci.	Cu. E	10	Ci.-S.	Cu. E
8	NE	NE	NE	ENE	NNE	NE	106.2	153.2	229.8	226.9	716.1	2	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
9	NE	NE	NE	NE	NE	NE	218.8	209.2	175.4	165.9	769.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
10	ENE	ENE	ENE	ENE	ENE	ENE	135.5	139.5	109.4	119.1	503.5	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
11	NE	NE	NE	NE	Calm	NE	64.1	55.5	71.4	50.5	241.5	6	Ci.	Cu. NE	4	Ci.	Cu. NE
12	ENE	ENE	ENE	ENE	WSW	ENE	60	112.9	98.5	76.1	347.5	5	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
13	ENE	ENE	ENE	ENE	ENE	ENE	106.2	98.2	119.1	108.3	431.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
14	ENE	ENE	ENE	ENE	ENE	ENE	54.2	78.3	93.9	111	337.4	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
15	ENE	ENE	ENE	ENE	ENE	ENE	95	67.1	79.7	74	315.8	2	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
16	ENE	ENE	ENE	ENE	ENE	ENE	80.2	103.6	98.2	89.1	371.1	6	Ci.	Cu. ENE	3	Ci.	Cu. ENE
17	ENE	ENE	ENE	ENE	ENE	ENE	109.7	100.6	90.3	56.5	357.1	7	Ci.	Cu. ENE	3	Ci.	Cu. ENE
18	Calm	Calm	NE	NE	Calm	NE	16.7	46.1	64.2	41	168	2	Ci.	Cu. E	1	Ci.	Cu. ENE
19	Calm	Calm	ENE	ENE	ENE	Calm	28.8	57.3	64.6	21.4	172.1	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
20	Calm	Calm	ENE	NE	NE	NE	17.1	41	85	71.8	214.9	7	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. NE
21	NE	NE	NE	ENE	NE	NE	51	91.7	97.6	72.4	312.7	10	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. NE
22	ENE	Calm	ENE	ENE	ENE	ENE	79.5	93	101.4	96.6	370.5	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
23	ENE	ENE	ENE	NE	NE	NE	128.7	127.1	114.3	102.8	472.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
24	ENE	ENE	NE	ENE	ENE	ENE	85.3	85.6	105.2	81.3	357.4	8	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
25	E	E	E	E	E	E	68.6	98.5	95	86.1	348.2	7	Ci.	Cu. E	3	Ci.	Cu. E
26	E	E	NE	E	E	E	100.9	118.3	90.9	65.7	375.8	3	Ci.	Cu. E	10	Ci.-S.	Cu. E
27	E	E	E	E	E	E	86.3	92.7	88.5	104.6	372.1	10	Ci.-S.	Cu. E	4	Ci.	Cu. E
28	ENE	E	ENE	ENE	ENE	Calm	82.3	85.8	78.3	34.4	280.8	7	Ci.	Cu. E	3	Ci.	Cu. E
29	Calm	Calm	Calm	NE	E	E	21.2	34	53.6	35.4	144.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
30	Calm	Calm	ENE	ENE	ENE	ENE	23.2	43.1	78.4	85.5	235.2	2	Ci.	Cu. E	5	Ci.	Cu. E
31	E	E	E	E	E	E	97.4	115.6	101.1	70.3	384.4	4	Ci.	Cu. E	3	Ci.	Cu. E
Mean	------	------	------	------	------	------	86.8	97.3	100.3	87.2	371.5	6.7	------	------	7.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,517.8	------	------	------	------	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60. 60	61. 48	62. 13	60. 31	61. 07	61. 75	61. 22	21. 4	20. 8	26. 5	29	25	23. 5	24. 4	30. 2	20. 5	94	93	74	63	79	90	82. 2	-----
2	60. 56	61. 40	62. 26	60. 59	61. 08	62. 37	61. 38	21. 8	20. 6	27. 1	29. 4	25. 5	24. 5	24. 8	29. 8	20	91	95	72	64	78	83	80. 5	-----
3	61. 28	62. 20	63. 28	61. 56	62. 02	62. 92	62. 21	24. 4	24. 5	28	28	25	23. 6	25. 6	30. 3	23. 5	84	83	70	70	83	95	80. 8	6.3
4	61. 58	61. 78	62. 93	60. 91	61. 63	62. 94	61. 96	23	23	25	29	25. 5	25	25. 1	29. 2	22. 5	97	98	88	71	83	80	86. 2	2.6
5	61. 32	62. 22	63. 23	61. 54	61. 43	62. 48	62. 04	24. 8	23	27. 6	29	25. 1	22. 4	25. 3	29. 3	21. 2	79	90	66	65	81	95	79. 3	-----
6	61. 40	62. 15	63. 70	61. 62	61. 88	62. 72	62. 24	20. 8	20	28	29	25	20. 9	24	29. 4	19. 9	96	96	65	64	76	96	82. 2	-----
7	61. 61	61. 87	62. 60	60. 56	61. 37	62. 18	61. 70	19. 5	19	27. 5	28	25. 2	22. 5	23. 6	29. 5	18. 6	96	96	68	63	78	89	81. 7	-----
8	60. 74	61. 88	63. 51	61. 38	61. 79	62. 89	62. 03	21	19. 9	25	29. 7	24. 2	21. 2	23. 5	29. 9	19. 8	93	97	83	63	86	98	86. 7	-----
9	61. 63	62. 72	63. 79	62. 44	62. 62	63. 58	62. 80	19. 6	18. 8	27. 5	29. 8	24. 9	23. 5	24	30	18. 5	98	97	66	57	76	87	80. 2	1
10	62. 18	62. 91	63. 80	62. 13	62. 15	63. 29	62. 74	22. 3	22	25. 4	24	23. 4	22. 5	23. 3	25. 8	21. 5	97	98	88	96	92	96	94. 5	33.3
11	62. 36	62. 96	64. 10	62. 64	62. 59	63. 72	63. 06	23. 2	23	24. 5	25	24. 3	24. 5	24. 1	25. 5	22	94	94	87	83	85	83	87. 7	3
12	62. 98	63. 13	64. 50	63. 30	63. 69	65. 11	63. 78	23. 2	21. 6	25	25. 1	23. 6	21. 7	23. 4	26. 2	21. 5	90	95	83	79	86	94	87. 8	6.6
13	63. 60	63. 91	65. 11	63. 53	63. 78	64. 68	64. 10	22. 9	23. 4	25	27. 1	24	23	24. 2	27. 5	22	92	86	76	69	75	87	80. 8	26.8
14	64. 03	64. 51	65. 07	63. 33	63. 70	64. 60	64. 21	21. 8	21	23	26	24. 4	24. 2	23. 4	27. 6	20. 9	93	97	91	69	72	75	82. 8	27.2
15	63. 50	63. 74	64. 58	63. 31	63. 23	64. 04	63. 73	23. 8	22. 4	27. 2	28. 5	24. 5	22	24. 7	28. 6	21. 7	73	81	65	62	76	88	74. 2	-----
16	62. 99	63. 89	64. 96	62. 93	63. 29	64. 30	63. 73	21. 8	19. 9	27. 5	28. 4	24. 5	24. 4	24. 4	28. 8	19. 9	86	94	61	58	75	80	75. 7	-----
17	63	63. 39	64. 56	62. 57	62. 39	63. 43	63. 22	21. 6	20. 6	27	28. 6	25. 4	23	24. 4	29	20	93	94	67	63	80	91	81. 3	-----
18	62. 05	63. 06	64. 51	62. 92	62. 74	63. 70	63. 16	21	18. 9	27	29	25	21	23. 6	29. 2	18. 6	96	98	70	61	80	95	83. 3	-----
19	62. 80	63. 21	64. 15	62. 33	62. 61	63. 73	63. 14	19. 6	18. 8	27	28. 4	25	22. 5	23. 6	29	18. 2	96	97	73	61	76	91	82. 3	-----
20	61. 93	62. 85	63. 90	62. 02	61. 92	62. 85	62. 58	19. 6	19. 2	27. 1	28. 8	24. 9	23	23. 8	29. 8	18. 8	96	98	59	59	76	84	78. 7	-----
21	61. 43	62. 10	63. 28	61. 63	61. 99	63. 15	62. 26	20. 3	20. 1	26. 1	28. 6	24. 5	19. 6	23. 2	28. 9	19. 3	97	99	72	57	71	96	82	-----
22	61. 60	61. 86	62. 43	60. 07	60. 86	61. 98	61. 47	19	18. 1	27. 8	29	25. 5	22. 5	23. 6	29. 5	18	98	99	75	66	84	96	86. 3	-----
23	61. 24	61. 98	63. 33	60. 65	60. 73	61. 74	61. 61	20. 8	20	28. 5	30	25. 3	21. 6	24. 4	30. 2	19. 8	97	98	67	59	80	96	82. 8	-----
24	61. 10	61. 45	62. 95	61. 36	61. 62	62. 27	61. 79	20. 5	19. 7	28. 5	27. 8	25. 3	24. 3	24. 4	29. 2	19. 5	98	98	67	71	80	87	83. 5	-----
25	61. 06	61. 94	62. 83	61. 03	61. 51	62. 08	61. 74	23	20. 4	27	29. 4	24. 8	23. 3	24. 6	29. 8	20	91	97	77	64	90	93	85. 3	4.6
26	61. 02	61. 85	63. 69	62. 04	62. 48	63. 98	62. 51	21. 2	21	26. 4	26. 3	25. 1	25	24. 2	29	21	98	100	78	82	79	77	85. 7	1.5
27	63. 04	63. 49	64. 72	62. 99	62. 81	63. 89	63. 49	24. 6	23. 9	26. 5	29	25. 4	24. 6	25. 7	29. 2	23	79	80	74	61	77	79	75	.8
28	62. 98	63. 70	64. 95	63. 43	63. 51	64. 51	63. 85	23	23	28. 2	25. 1	24. 2	24	24. 6	28. 5	21. 8	91	90	69	91	91	96	88	10.1
Mean	61. 99	62. 63	63. 74	61. 97	62. 23	63. 25	62. 63	21. 8	21	26. 7	28	24. 8	23	24. 2	28. 9	20. 4	92. 2	94. 2	73. 2	67. 5	80. 2	89. 2	82. 8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	123.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ESE	E	E	Calm	6. 1	53. 6	75. 4	32. 7	167. 8	1	Ci.	Cu. E	1	Ci.	Cu. E
2	Calm	Calm	E	NNE	NNE	NNE	15. 8	41. 2	71. 6	59. 3	187. 9	2	Ci.	Cu. E	1	Ci.	Cu. E
3	ENE	ENE	NE	ENE	ENE	Calm	73. 2	103. 8	98. 2	63. 4	338. 6	4	Ci.	Cu. NE	8	Ci.	Cu. NE
4	ENE	Calm	ENE	ENE	ENE	ENE	38. 8	57. 1	114. 8	94. 4	305. 1	10	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
5	E	Calm	E	E	E	Calm	59	71. 3	75. 6	19. 3	225. 2	8	Ci.	Cu. E	2	Ci.	Cu. E
6	Calm	Calm	E	E	E	Calm	11. 6	41. 5	68. 9	23. 8	145. 8	2	Ci.	Cu. E	4	Ci.	Cu. E
7	Calm	Calm	E	E	E	Calm	20. 3	45. 4	73. 5	26. 6	165. 8	2	Ci.	Cu. E	8	Ci.-S.	Cu. E
8	Calm	Calm	Calm	E	Calm	Calm	15. 3	23. 5	53. 4	13. 7	105. 9	6	Ci.	Cu. E	6	Ci.-S.	Cu. E
9	Calm	Calm	E	E	E	Calm	17. 4	51. 2	66	41. 8	176. 4	3	Ci.	Cu. E	6	Ci.	Cu. E
10	ENE	Calm	ENE	ENE	ENE	ENE	51. 5	56. 3	92	109. 1	308. 9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
11	E	E	E	E	E	E	107. 8	99	96. 6	65. 4	368. 8	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. ENE
12	NE	Calm	NE	NE	NE	NE	59	75. 9	81	75. 3	291. 2	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
13	NE	NE	ENE	E	E	E	89. 6	93. 6	85. 3	91. 7	360. 2	10	Ci.-S.	S.-Cu. ENE	7	Ci.	Cu. E
14	ENE	ENE	NE	NE	NE	NE	61. 5	59. 7	77. 2	64. 9	263. 3	10	-----	N. ENE	10	Ci.-S.	S.-Cu. ENE
15	E	E	E	E	E	E	59. 8	70	75. 1	38. 1	243	7	Ci.	Cu. E	3	Ci.	Cu. E
16	E	Calm	E	E	E	E	33. 8	54. 1	70. 8	48. 1	206. 8	6	Ci.	Cu. E	2	Ci.	Cu. E
17	E	Calm	E	E	E	Calm	21. 9	48. 6	60. 6	18. 8	149. 9	1	Ci.	Cu. E	0	Ci.	Cu. E
18	Calm	Calm	E	E	Calm	Calm	15. 8	38. 4	50. 2	14	118. 4	0	Ci.	Cu. E	3	Ci.	Cu. E
19	Calm	Calm	ESE	NE	NE	Calm	17. 5	33. 3	53. 7	26. 9	131. 4	2	Ci.	Cu. E	0	-----	Cu.
20	Calm	Calm	E	E	E	E	22	33. 6	80. 8	33	169. 4	3	Ci.	Cu. E	1	Ci.	Cu. E
21	Calm	Calm	E	E	Calm	Calm	16. 7	44. 6	68. 7	16. 4	146. 4	8	Ci.-S.	Cu. E	0	Ci.	Cu. E
22	Calm	Calm	E	E	E	Calm	19. 1	39. 4	79. 5	16. 4	154. 4	0	Ci.	Cu. E	0	Ci.	Cu. E
23	Calm	Calm	E	E	Calm	Calm	19. 6	36	54. 4	15. 3	125. 3	1	Ci.	Cu.	2	Ci.	Cu. E
24	Calm	Calm	Calm	NE	NE	Calm	19. 9	32. 8	89. 1	32	173. 8	3	Ci.	Cu.	7	Ci.-S.	Cu. NE
25	Calm	Calm	NE	NE	NE	Calm	17. 5	43. 3	52	17. 5	130. 3	3	Ci.	Cu. NE	8	Ci.-S.	Cu. NE
26	Calm	Calm	NE	NE	NE	NE	16. 9	48. 6	86. 1	81. 6	233. 2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
27	NE	NE	NE	NE	NE	ENE	71. 6	67. 1	91. 2	67. 1	297	6	Ci.-S.	Cu. E	2	Ci.	Cu. E
28	Calm	ESE	E	ESE	E	E	18	71. 9	78. 4	67. 4	235. 7	8	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. E
Mean	-----	-----	-----	-----	-----	-----	35. 6	54. 8	75. 7	45. 5	211. 6	5. 2	-----	-----	4. 9	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5, 925. 9	-----	-----	-----	-----	-----	-----

PARACALE.

[$\phi=14°\ 17'$ N; $\lambda=122°\ 47'$ E; barometer above sea, 5.3 meters; gravity correction not applied, −1.73 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.23	63.65	64.74	62.86	63.18	64.74	63.73	23.8	24.9	26.3	28.7	26.5	25.5	26	29.2	23.6	93	89	82	73	80	84	83.5	0.8
2	63.08	63.78	65.12	63.26	63.49	64.70	63.90	24.3	24	28.5	29.5	26	25	26.2	29.7	23.4	91	91	70	64	76	76	78	-----
3	63.15	63.64	64.66	62.57	62.63	62.76	63.24	24.6	24.3	27.5	27	25.3	25.5	25.7	29.2	23.9	77	77	66	72	81	76	74.8	1
4	61.35	61.49	62.62	60.47	60.38	61.41	61.29	23	23	26.2	27.2	26.3	24	25	29.5	22.7	96	96	86	83	84	96	90.2	12.2
5	59.63	60.18	60.99	58.88	59.76	60.23	59.94	24.6	24.4	27.2	27.7	24.4	25	25.6	28.4	23.5	96	97	83	83	97	96	92	17.4
6	59	59.44	59.98	58.78	59.51	59.96	59.44	23.6	23.4	29.5	26.6	26	23.5	25.4	30.4	23.1	95	97	78	87	92	97	91	4.3
7	58.70	59.53	60.43	58.56	59.08	60.47	59.46	22.8	22.6	29	30.6	27	26.2	26.4	30.8	22	98	99	78	71	88	90	87.3	-----
8	59.56	60.35	61.19	58.86	59.38	60.67	60	24.6	23.8	29	29.5	26.5	25.5	26.5	30.8	22.9	97	97	78	77	84	88	86.8	-----
9	59.42	59.90	61.32	59.13	59.26	60.67	59.95	22.3	21.4	28.1	30	26.2	25.3	25.6	30.6	21.3	97	99	79	74	85	89	87.2	-----
10	59.58	60.43	62.03	60.18	59.61	60.73	60.43	23.7	22.8	28	29.5	25.8	22.4	25.4	29.9	20.9	94	97	74	64	78	92	83.2	-----
11	59.40	60.06	61.22	59.61	59.51	60.69	60.08	20.2	19.8	28	29.8	26.2	21.2	24.2	30	19.6	94	97	73	63	71	94	82	-----
12	59.84	60.72	61.71	60.25	60.08	61.27	60.64	19.8	19.4	28.5	30.8	27.5	23.2	24.9	31.5	19.1	96	97	70	68	77	96	84	-----
13	60.15	61.09	62.63	60.48	60.45	61.92	61.12	21.7	20.8	29.4	30.6	27.4	24.5	25.7	30.8	20.6	96	97	77	65	78	88	83.5	-----
14	60.65	61.60	62.89	61.13	61.65	62.93	61.81	21.8	20.8	29.5	30	27	25.5	25.8	31	20.7	96	98	75	67	77	84	82.8	-----
15	61.83	62.94	63.81	62.14	62.08	62.78	62.60	25.6	24.4	29.2	25	24.1	25.4	25.6	29.8	22.9	88	88	64	92	92	84	84.7	32.4
16	61.60	61.95	63.39	61.71	61.49	62.96	62.18	25.5	25.5	27	28	26	25	26.2	29.8	23.2	80	80	77	70	80	92	79.8	4.3
17	62.25	62.77	64.46	62.98	63.10	64.26	63.30	24.6	23	28.6	29.8	26.6	25.2	26.3	30.2	22.7	95	96	71	73	83	94	85.3	1.8
18	63.09	64.38	65.51	63.58	63.56	64.90	64.17	24.8	23.5	29	29.5	26.6	25.5	26.5	30.2	23	93	91	71	71	76	80	80.3	-----
19	63.40	64.11	64.71	62.43	62.26	63.18	63.35	23.6	21.4	29	29.8	28	25.5	26.2	30.2	21.2	91	96	68	69	74	83	80.2	-----
20	60.54	61.85	62.48	59.83	59.78	61.09	60.93	23.7	22.2	28.5	29.6	27.3	23	25.7	31.2	21.9	92	98	77	67	75	91	83.3	-----
21	59.22	60.60	61.83	59.73	59.76	60.88	60.34	21.2	20	29.4	30.2	27.7	26.2	25.8	30.7	19.7	95	98	72	67	79	85	82.7	-----
22	59.83	60.53	61.76	59.63	59.87	61.37	60.50	24.7	23	30	30.5	26.8	25	26.7	30.8	22.8	92	96	71	68	82	92	83.5	-----
23	60.21	60.97	61.96	60.23	60.30	61.31	60.83	25.1	23.8	30	30.2	26.6	24.9	26.8	30.8	23.6	91	93	68	65	83	92	82	1.5
24	59.71	60.88	62.68	60.17	60.58	61.82	60.97	24.2	23.4	27.9	30.5	27.1	24.9	26.3	30.8	23.2	91	96	80	66	81	87	83.5	-----
25	60.35	61.32	62.68	60.85	60.63	61.62	61.24	22.6	21.7	29.9	30.1	25.4	26.3	26	30.8	21.2	95	97	65	66	84	81	81.3	3
26	60.04	60.65	62.41	60.88	60.61	62.06	61.11	23.9	24.8	29	29.9	26.9	25.6	26.7	30.1	23.6	84	81	70	62	70	75	73.7	-----
27	61.17	61.37	62.81	61.03	60.76	62.32	61.58	25.2	25.4	28.9	30.1	26.6	25.6	27	30.3	24.9	76	72	61	58	69	69	67.5	-----
28	61.34	61.49	62.86	61.12	61.11	62.77	61.78	25.5	25.7	29.5	30.7	26.9	26.4	27.4	31	24.6	74	78	68	67	75	80	73.7	1
29	61.32	62.02	63.23	60.78	60.71	61.83	61.65	24.2	23.9	28.6	30.4	26.9	24.4	26.4	30.8	23	91	91	72	65	76	87	80.3	-----
30	60.28	61.21	62.09	60.20	59.61	60.38	60.63	22.1	21.3	29.4	30.3	26.2	21.9	25.2	30.6	21	94	96	64	62	78	96	81.7	-----
31	59.61	60.05	60.84	58.67	58.98	59.94	59.68	20.6	19.9	29.2	30	26	25.4	25.2	30.3	19.9	96	95	66	58	76	84	79.2	-----
Mean	60.73	61.45	62.61	60.68	60.75	61.89	61.35	23.5	22.8	28.6	29.4	26.4	24.8	25.9	30.3	22.2	91.4	92.6	72.7	69.6	80	87	82.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	79.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	E	E	Calm	E	NE	NE	59.3	59.8	80.8	50.1	250	7	Ci.	Cu. E	7	Ci.	Cu. E
2	E	Calm	E	E	ENE	NE	26.8	61.7	88.3	89.9	266.7	8	Ci.-S.	Cu. E	3	Ci.	Cu. E
3	E	E	E	E	E	E	91.7	86.9	61.2	54.1	293.9	4	Ci.	Cu. E	10	Ci.-S.	Cu. E
4	Calm	Calm	E	E	E	Calm	19.8	51	74.6	57.9	203.3	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
5	E	ESE	ESE	ESE	E	ESE	30.9	49.6	53.1	71.9	205.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
6	E	Calm	E	Calm	Calm	Calm	32	37.6	31.4	11	112	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
7	Calm	Calm	NE	NE	Calm	Calm	11.5	35.7	42.6	25.2	115	10	Ci.-S.	Cu.	6	Ci.-S.	Cu. S
8	Calm	Calm	E	NE	NE	Calm	9.1	51.3	60.4	21.4	142.2	8	Ci.	Cu. E	7	Ci.	Cu. E
9	Calm	Calm	ENE	ENE	Calm	E	11.8	49.3	52.8	20.7	134.6	0	-----	Cu.	2	Ci.	Cu. E
10	Calm	Calm	ESE	NE	Calm	Calm	16.3	33.5	39.7	13.5	103	2	Ci.	Cu. E	2	Ci.	Cu. E
11	Calm	Calm	Calm	E	Calm	Calm	17.7	29.2	39.7	12.6	99.2	0	-----	Cu.	1	Ci.	Cu. E
12	Calm	Calm	NE	ESE	Calm	Calm	21.5	41.6	50.9	9.9	123.9	0	-----	Cu.	1	Ci.	Cu. SE
13	Calm	Calm	E	E	Calm	Calm	19.5	40.2	53.1	16.7	129.5	0	-----	Cu.	1	Ci.	Cu. E
14	E	Calm	NE	NE	NE	NE	21.7	37	63.9	43.5	166.1	2	Ci.	Cu. E	1	Ci.	Cu. NE
15	E	ESE	E	E	NE	NE	47.8	64.9	81.3	81.3	275.3	6	Ci.	Cu. E	10	Ci.-S.	S.-Cu. NE
16	NE	ENE	NE	E	E	E	112.7	110.4	95.6	69.8	388.5	6	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
17	E	Calm	E	ENE	Calm	Calm	37.5	44	48	20.1	149.6	8	Ci.	Cu. NE	3	Ci.	Cu. ENE
18	Calm	Calm	ENE	ENE	Calm	ENE	25.2	41.8	53.9	37.8	158.7	5	Ci.	Cu. E	10	Ci.-S.	Cu. ENE
19	Calm	Calm	E	E	E	Calm	19.3	39.4	42.3	24.4	125.4	5	Ci.	Cu. E	3	Ci.	Cu. E
20	Calm	Calm	Calm	E	Calm	Calm	18.2	34	44.3	7.5	104	5	Ci.	Cu. E	4	Ci.	Cu. E
21	Calm	Calm	E	E	Calm	Calm	14.7	36.5	55.3	14.8	121.3	3	Ci.	Cu. E	3	Ci.	Cu. E
22	Calm	Calm	E	E	Calm	Calm	13.4	41.8	57.7	14	126.9	6	Ci.	Cu. E	2	Ci.	Cu. E
23	Calm	Calm	E	E	Calm	Calm	14	36.4	54.9	8.7	114	1	Ci.	Cu. E	0	Ci.	Cu. E
24	Calm	Calm	E	E	E	Calm	11.6	41.3	48.5	12.1	113.5	6	Ci.	Cu. E	2	Ci.	Cu. E
25	Calm	Calm	E	NE	Calm	NE	9.4	41.5	65.8	46.1	162.8	1	Ci.	Cu. E	1	Ci.	Cu. ENE
26	Calm	E	E	E	E	E	26.9	69.2	72.6	65.8	234.5	3	Ci.	Cu. E	2	Ci.	Cu. E
27	NE	NE	NE	NE	NE	NE	82.4	94.6	67.6	55.2	299.8	3	Ci.	Cu. NE	1	Ci.	Cu. NE
28	ENE	ENE	ENE	ENE	Calm	ENE	64.7	74.5	65.5	26.9	231.6	5	Ci.	Cu. ENE	3	Ci.	Cu. ENE
29	Calm	Calm	ENE	ENE	Calm	Calm	15.3	51.8	56	21.4	144.5	8	Ci.-S.	S.-Cu. E	3	Ci.	Cu. E
30	Calm	Calm	E	NE	Calm	Calm	19.8	36.5	46.4	13.5	116.2	4	Ci.	Cu. E	2	Ci.	Cu. E
31	Calm	Calm	E	E	Calm	Calm	20.1	35.9	50.1	10.3	116.4	1	Ci.	Cu. E	2	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	30.4	50.3	58	33.2	171.9	4.7	-----	-----	4.3	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,327.9	-----	-----	-----	-----	-----	-----

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.86	59.73	61.01	59.51	59.70	60.93	59.96	24.7	24.4	30.4	30.9	27.3	25.4	27.2	31.8	23.7	87	87	66	65	75	80	76.7	-----
2	59.99	60.48	61.91	60.36	60.72	61.97	60.90	23.2	22.3	30.2	30.9	28	24.5	26.5	31.2	22	91	93	60	62	68	91	77.5	-----
3	60.49	60.53	61.86	60.35	60.77	61.80	60.97	25.7	26.5	27.9	30.2	28.1	26.9	27.6	32.2	24.5	86	83	84	77	80	88	83	3.3
4	60.28	60.56	61.44	59.88	59.94	61.73	60.64	25.4	24.9	28	28	26.7	25.3	26.4	31.8	24.7	97	97	88	85	87	96	91.7	23.6
5	60.31	60.64	61.86	60.51	59.84	62.07	60.87	24.9	25	27.3	24.9	25.5	24.5	25.4	29.2	24.5	98	99	92	95	96	97	96.2	29.1
6	59.68	59.88	61.49	59.27	59.66	60.71	60.12	24.3	23.4	28.4	30.4	27.2	24.3	26.3	31.5	23.3	97	98	82	77	84	97	89.2	.8
7	59.40	60.23	61.16	59.01	59.15	61.03	60	24	23.1	30.6	28.5	27.9	25.2	26.6	32	22.9	97	98	74	81	85	98	88.8	8.1
8	59.58	60.48	62.14	60.63	61.10	62.57	61.08	24	23.7	27.9	29.8	27	26.5	26.5	31.7	23.5	97	97	84	75	85	87	87.5	17.2
9	61.43	61.62	63.12	61.78	62.36	63.54	62.31	26	25.9	26.3	26.9	25	25.4	25.9	27.8	24.2	90	89	90	86	93	92	90	28.5
10	62.17	62.22	63.98	61.96	61.96	62.76	62.51	25.8	25.9	25.5	26.9	26.3	25.9	26	27.4	24	85	80	81	77	77	78	79.7	8.1
11	61.17	61.37	62.06	60	59.92	60.97	60.92	25.4	24	29.8	29.8	27.3	25.5	27	31.8	24	79	87	68	65	73	78	75	-----
12	59.73	60.09	61.01	59.28	59.40	60.41	59.99	23.9	22.5	30.2	30.4	27.5	24	26.4	31.7	22.5	86	95	66	63	76	91	79.5	-----
13	59.58	60.25	60.87	59.57	59.82	60.54	60.10	22.8	22.5	30	31	27.8	23.9	26.3	31.6	22.3	97	96	68	65	73	91	81.7	-----
14	59.62	60.43	61.36	59.82	59.62	61.51	60.39	22.2	22.3	30.4	31.2	28.1	25.5	26.6	31.8	21.6	95	96	69	64	77	91	82	-----
15	60.44	61.33	62.40	61.06	61.35	62.09	61.44	24	23.4	31	31.2	27	24.5	26.8	32	23.1	93	96	64	66	77	94	81.7	-----
16	60.75	61.54	62.25	59.92	59.46	60.42	60.72	23.3	22.4	30.8	30.9	28.8	25.4	26.9	31.3	22.2	96	96	66	63	71	87	79.8	-----
17	59.49	60.14	60.96	58.50	58.76	60.26	59.68	23.1	22.3	30.8	31.5	28.4	25	26.8	33.8	22.2	96	97	65	60	74	92	80.7	-----
18	59.08	59.89	60.80	59.21	59.67	61.25	59.98	25	23.5	31.8	31.3	28.5	27.2	27.9	31.9	23.4	87	96	64	65	76	81	78.2	-----
19	59.67	60.53	61.83	59.72	60.13	61.40	60.55	26.5	25.7	30.8	31	28.5	27.6	28.4	32.7	25	85	90	69	71	80	84	79.8	-----
20	60.93	61.79	62.86	61.24	61.83	63.20	61.98	25	24.7	30.8	32.4	28	27.4	28	33.1	24.5	97	97	72	67	85	87	84.2	-----
21	61.93	62.78	63.54	61.71	62.01	63.16	62.52	26	25.9	31.1	31.2	27.8	27.6	28.3	32.3	25.2	94	92	70	68	78	79	80.2	1.3
22	60.71	60.77	61.80	60.22	60.46	61.58	60.92	27.2	27.4	30	28.5	28.2	25.7	27.8	32.6	25	86	87	77	81	87	94	85.3	.5
23	59.78	60.72	61.38	59.26	59.45	61.12	60.28	24.7	24	31.2	31.4	29.2	27.2	28	31.7	24	96	97	70	69	79	90	83.5	-----
24	59.41	60.43	61.45	59.50	60.11	61.01	60.32	24.8	23.9	31	32	28.5	26.9	27.8	33.3	23.9	95	97	68	66	85	89	83.3	-----
25	59.73	60.34	61.32	59.49	60.14	60.93	60.32	25.3	24.5	31.2	32	28.8	27.8	28.3	32.8	24.2	94	96	71	69	81	86	82.8	-----
26	60.46	61.39	62	59.89	59.87	61.25	60.81	25.2	24.4	31.6	32.3	28.2	27.4	28.2	33.2	24.3	92	94	65	68	77	85	80.2	-----
27	60.37	61.06	61.40	59.90	59.71	61.01	60.58	25.1	24.1	31	31	28.6	26.5	27.7	32	24	91	95	65	62	76	83	78.7	-----
28	60.22	60.23	60.70	58.61	59.32	60.28	59.89	25.8	25.7	31.4	32	28.5	27.5	28.5	32.8	24.9	88	93	66	63	80	84	79	.8
29	58.93	59.30	59.98	58.90	59.11	60.11	59.39	24.4	23.8	30.3	31.4	28.2	26.9	27.5	31.7	23.4	93	97	64	63	76	81	79	-----
30	59	59.98	61.03	59.17	59.30	60.88	59.89	23.6	22.9	28.9	31.4	28.5	27.5	27.1	31.8	22.9	95	96	78	64	75	81	81.5	1.5
Mean	60.11	60.69	61.70	59.94	60.15	61.42	60.67	24.7	24.2	29.9	30.4	27.8	26	27.2	31.8	23.7	92	93.7	72.2	70.1	79.5	87.7	82.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	122.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	NE	Calm	Calm	12.3	52.1	61	18.8	144.2	5	Ci.	Cu. E	4	Ci.	Cu. E
2	Calm	Calm	NE	NE	Calm	Calm	11.6	47	55.7	5.9	120.2	3	Ci.	Cu. E	0	Ci.	Cu. E
3	Calm	Calm	NE	NE	NE	Calm	13.5	47.7	62.6	24.6	148.4	10	Ci.-S.	Cu. E	5	Ci.	Cu. E
4	Calm	Calm	E	E	Calm	Calm	13.4	34	48.9	14.3	110.6	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. E
5	Calm	Calm	Calm	Calm	Calm	Calm	11.5	37.5	22	16.7	87.7	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
6	Calm	Calm	E	E	Calm	Calm	11.6	26	51	12.6	101.2	2	Ci.	Cu. E	8	Ci.-S.	Cu. E
7	Calm	Calm	NE	Calm	Calm	Calm	18.8	30.9	19.1	5.6	74.4	6	Ci.	Cu.	8	Ci.-S.	Cu. SSW
8	Calm	Calm	NE	NE	NE	NE	18.8	37.5	53.1	52.1	161.5	3	Ci.	Cu. SSW	8	Ci.	S.-Cu. NE
9	ENE	ENE	ENE	ENE	ENE	NE	103.3	119.3	114.1	114.3	451	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. NE
10	NE	NE	Calm	NE	NE	NE	125.7	68.2	72.7	76.6	343.2	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
11	E	Calm	E	ENE	Calm	Calm	27.9	34.6	53.3	16.1	131.9	4	A.-Cu.	Cu. NE	4	Ci.	Cu. E
12	Calm	Calm	E	E	Calm	Calm	8.7	28.7	46.4	9.1	92.9	1	Ci.	Cu. E	2	A.-Cu.	Cu. E
13	Calm	Calm	Calm	NE	Calm	Calm	14	30	42	14	100	1	Ci.	Cu. E	0	Ci.	Cu. E
14	Calm	Calm	NE	NE	Calm	Calm	19.3	29.3	33.8	8.3	90.7	6	A.-Cu.	Cu.	1	Ci.	Cu. E
15	Calm	Calm	E	E	Calm	Calm	15.6	-----	-----	10.5	------	6	Ci.	Cu. E	5	A.-Cu.	Cu. E
16	Calm	Calm	E	E	Calm	Calm	8.2	39.2	52.9	15.8	116.1	5	Ci.	Cu. E	1	Ci.	Cu. E
17	Calm	Calm	SE	E	Calm	Calm	10.5	28	46.1	9.5	94.1	1	Ci.	Cu.	2	Ci.	Cu. SE
18	Calm	Calm	E	E	E	E	8.2	38.8	56.9	37.2	141.1	2	Ci.	Cu. E	1	Ci.	Cu. E
19	Calm	Calm	E	E	E	Calm	16.7	41.5	58.7	31.1	148	6	Ci.	Cu. E	5	Ci.	Cu. E
20	Calm	Calm	E	E	E	Calm	4.6	43.5	50.7	30.6	129.4	4	Ci.	Cu. E	4	Ci.	Cu. E
21	Calm	Calm	E	E	E	E	11.9	49.1	56.1	39.2	156.3	6	Ci.	Cu. E	8	Ci.-S.	Cu. E
22	Calm	NE	NE	NE	E	Calm	43.3	88.5	52.1	13.7	197.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
23	Calm	Calm	E	NE	Calm	Calm	7.7	40.8	43.3	14.3	106.1	1	Ci.	Cu.	6	Ci.	Cu. S
24	Calm	Calm	E	E	E	Calm	8.5	42.4	57.3	17.1	125.3	1	Ci.	Cu.	0	------------	Cu. E
25	Calm	Calm	E	E	Calm	Calm	4.5	37.6	51.5	25.5	119.1	0	Ci.	Cu. ESE	1	Ci.	Cu. ESE
26	Calm	Calm	E	E	E	E	15.9	40.5	59.5	43.1	159	1	Ci.	Cu.	0	Ci.	Cu. ESE
27	Calm	Calm	E	NE	Calm	Calm	5.6	40.2	51.8	20.7	118.3	0	Ci.	Cu.	0	Ci.	Cu. E
28	Calm	Calm	E	E	E	Calm	13.4	45.6	56.3	21.7	137	5	Ci.	Cu. E	1	Ci.	Cu. E
29	Calm	Calm	E	E	Calm	Calm	6.1	42	50.9	19.1	118.1	9	Ci.-S.	Cu. ENE	3	Ci.	Cu. E
30	Calm	Calm	Calm	E	E	E	8.9	33.8	56	33	131.7	4	Ci.	Cu. E	1	Ci.	Cu. E
Mean	------	------	------	------	------	------	20	43.9	53	25.7	143.3	4.7	------------	------------	4.3	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.22	60.74	61.57	59.81	59.96	61.20	60.58	25.7	24.8	30.8	31.8	28.5	27.9	28.2	32.2	24.5	89	92	67	64	77	79	78	0.3
2	60.37	61.27	62.19	60.14	60.46	61.92	61.06	24.5	24	31.4	31.2	28.6	26.9	27.8	32.3	23.8	87	96	66	68	79	88	80.7	------
3	60.73	61.23	61.76	59.74	60.06	61.48	60.83	26.4	24.6	31.4	31.6	28.7	27.4	28.4	32.7	24.2	87	94	66	68	80	84	79.8	------
4	59.73	60.43	60.72	58.84	59.41	60.17	59.88	26.7	24.9	30.3	31.5	28.2	27.4	28.2	31.8	24.8	86	95	71	64	80	84	80	2.6
5	58.18	58.71	59.17	57.01	57.61	59.36	58.34	25.6	24.5	30.8	31.4	28.9	27.9	28.2	31.8	24.5	92	96	73	63	78	81	80.5	------
6	58.20	59.26	59.64	57.46	58.18	60.17	58.82	27.1	24.6	31.4	31.5	28.9	26.9	28.4	32.8	24.1	83	94	63	66	78	85	78.2	------
7	58.73	59.44	61.04	59.37	59.54	61.48	59.93	25.2	24.6	31.3	32.4	29.3	27.8	28.4	33.1	24.4	92	92	66	64	76	86	79.3	1.8
8	59.16	59.61	60.47	58.65	58.53	59.92	59.39	26	26.9	28.9	31.5	28.6	26.9	28.1	32.5	25.9	92	93	89	72	83	92	86.8	10.9
9	58.14	58.27	58.68	56.93	57.13	58.52	57.94	26.2	25.1	31	29.4	28	26.9	27.8	32.2	25	92	95	75	76	84	92	85.7	.5
10	56.48	56.59	57.66	56.11	55.63	57.47	56.66	26.4	25.4	29	26.6	27	26.3	26.8	31	24.5	92	92	79	95	92	94	90.7	24.9
11	56.45	57.38	57.73	56.99	57.60	59.03	57.53	25.4	24.9	30.4	31	28.4	26	27.7	31.2	24.6	95	96	78	72	81	96	86.3	------
12	57.98	59.09	59.88	58.62	58.96	60.20	59.12	25.2	24.4	31	30.9	28.8	26.9	27.9	32	24.3	95	96	72	72	78	88	83.5	------
13	59.28	59.67	60.27	59.24	59.52	60.80	59.80	25.9	24.9	31.4	31.2	29	26.8	28.2	31.8	24.8	88	92	65	71	76	86	79.7	------
14	59.56	59.79	60.60	59.12	59.42	61.13	59.94	25.6	25	30.8	30.3	28.3	27.4	27.9	31.3	24.1	90	92	69	73	81	84	81.5	.5
15	59.28	60.02	60.71	59.04	59.04	60.58	59.78	27.6	26.1	31.5	32.2	29	27.5	29	32.2	25.8	83	94	66	65	78	84	78.3	------
16	59.41	59.81	60.32	58.43	58.49	60.36	59.47	25.2	23.9	30	31.5	29	26.4	27.7	81.8	23.9	95	97	74	66	78	92	83.7	------
17	59.15	60.14	60.02	58.51	59.29	60.78	59.65	24.8	23.9	31.8	31.5	29	27.5	28.1	32.2	23.8	93	96	64	66	78	84	80.2	------
18	58.63	59.74	60.47	58.73	59.22	60.62	59.57	26.4	24.4	30.6	32	29.2	25.6	28	32.6	24.3	86	94	68	66	75	92	80.2	------
19	58.93	59.90	60.52	57.79	58.21	59.97	59.22	24.5	24	32	32.5	29.7	27.5	28.4	32.8	23.7	96	95	68	66	75	86	81	------
20	58.19	58.96	59.66	57.94	58.29	60.10	58.86	26	24.5	31.5	32	29.5	26	28.2	32.3	24.4	92	95	69	65	73	92	81	------
21	58.80	59.44	60.37	59.01	59.30	61.48	59.73	24.8	24.5	32	32.8	30.5	26.4	28.5	33.3	24.2	95	95	66	65	72	93	81	------
22	60.51	61.36	61.60	60.07	59.96	61.98	60.91	25	24.4	31.5	31.4	28.8	25	27.7	32.8	24.4	93	96	65	70	78	95	82.8	------
23	60.23	60.72	61.34	59.42	58.76	60.43	60.15	24.2	23.9	31.9	32.7	29.6	25.8	28	33.2	23.7	95	96	68	65	77	93	82.3	------
24	58.58	59.50	60.04	58.23	58.11	59.45	58.98	24.3	23.7	31.8	32.1	30	25.4	27.9	32.8	23.5	95	97	69	66	71	94	82	------
25	58.13	57.94	59.29	58.54	58.50	59.76	58.69	24.7	24	32.5	33.2	30.3	27.8	28.8	33.6	23.6	94	95	63	61	72	87	78.7	10.9
26	58.13	58.69	59.63	57.66	57.48	59.03	58.44	25.8	26.5	30.3	31.4	29	27.5	28.4	32.3	25.5	92	94	80	73	85	91	85.8	8.4
27	57.63	57.48	57.70	56.13	56.11	57.23	57.05	27.2	28.6	31	32	28.5	27.5	29.1	32.8	26.5	94	86	75	72	87	92	84.3	2.6
28	55.73	55.85	56.47	54.71	54.66	56.51	55.66	26.5	25.5	31.4	32.4	30.5	26.6	28.8	33	25.3	94	98	70	66	76	95	83.2	------
29	54.94	55.64	55.98	54.51	54.66	56.71	55.41	25.5	24.9	31	32	29.8	26.6	28.3	33.1	24.5	96	96	75	66	75	92	83.3	------
30	55.10	56.08	56.17	54.54	54.84	55.91	55.44	25.4	24.5	31.8	32.4	30.1	27.2	28.6	33.6	24.5	95	96	64	64	74	90	80.5	1.8
31	54	54.43	54.61	52.66	52.23	53.84	53.63	26.2	26.1	29.6	30.5	28.8	28	28.2	31.6	25.9	92	94	81	75	79	81	83.7	1.3
Mean	58.34	58.94	59.56	57.87	58.04	59.60	58.72	25.7	24.9	31	31.5	29	26.9	28.2	32.4	24.5	91.6	94.5	70.5	68.5	78.3	88.8	82	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	66.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	E	NE	E	13.9	47	60.4	38.6	159.9	5	Ci.	Cu. E	2	Ci.	Cu. E
2	Calm	Calm	NE	NE	NE	Calm	8.3	43.7	59	23.6	134.6	7	Ci.	Cu. E	2	Ci.	Cu. E
3	Calm	Calm	E	E	E	Calm	9.1	44.6	60.7	30.6	145	3	Ci.	Cu. E	4	Ci.	Cu. E
4	Calm	Calm	E	E	E	Calm	11.3	40.7	54.5	22.3	128.8	7	Ci.	Cu. E	3	Ci.	Cu. E
5	Calm	Calm	E	NE	NE	NE	12.7	36.4	62.3	34.8	146.2	5	Ci.	Cu. E	2	Ci.	Cu. E
6	Calm	Calm	E	NE	Calm	Calm	9.1	42.6	59.5	26.4	137.6	2	Ci.	Cu. E	1	Ci.	Cu. E
7	Calm	Calm	E	E	E	Calm	10.7	50.5	48.1	26.8	136.1	5	Ci.	Cu. E	2	Ci.	Cu. E
8	Calm	Calm	E	NE	Calm	Calm	15.1	47.3	52	18.5	132.9	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
9	Calm	Calm	E	E	E	Calm	9.1	40.4	56	25.1	130.6	2	Ci.	Cu.	4	Ci.	Cu. S
10	Calm	Calm	E	SE	Calm	Calm	7.8	26	38.3	19.5	91.6	2	Ci.	Cu. E	10	Ci.-S.	N. S
11	Calm	Calm	E	E	Calm	Calm	10.5	26.2	45.3	14.5	96.5	10	Ci.-S.	Cu.	6	Ci.	Cu. E
12	Calm	Calm	E	E	E	Calm	9.1	40.5	47.3	19.8	116.7	4	Ci.	Cu. E	1	Ci.	Cu. E
13	Calm	Calm	NE	NE	NE	Calm	17.5	48.9	49.4	24.7	140.5	5	Ci.	Cu. E	1	Ci.	Cu. NE
14	Calm	Calm	NE	NE	NE	Calm	12.7	49.9	42.6	23.5	128.7	3	Ci.	Cu. E	10	Ci.-S.	Cu. E
15	Calm	Calm	NE	NE	NE	ENE	10.2	41	52.3	24.6	128.1	10	Ci.-S.	Cu. E	3	Ci.	Cu. E
16	Calm	Calm	Calm	E	Calm	Calm	6.7	34	44.1	11.1	95.9	0	Ci.	Cu.	8	Ci.-S.	Cu. E
17	Calm	Calm	NE	NE	NE	Calm	11.1	30	43.8	22.2	107.1	2	Ci.	Cu.	7	Ci.-S.	Cu. NE
18	Calm	Calm	NE	NE	Calm	Calm	9.5	31.1	39.1	12.3	92	2	Ci.	Cu.	1	Ci.	Cu. NNE
19	Calm	Calm	Calm	NE	Calm	Calm	11.3	30.8	51	17.7	110.8	1	Ci.	Cu.	1	Ci.	Cu. ESE
20	Calm	Calm	NE	NE	Calm	Calm	9.5	35.6	50.1	11	106.2	0	Ci.	Cu.	0	------	Cu.
21	Calm	Calm	NE	E	Calm	Calm	12.3	30.3	42.6	10.2	95.4	1	Ci.	Cu.	2	Ci.	Cu. SE
22	Calm	Calm	NE	NE	Calm	Calm	11.8	35.2	46.4	7.7	101.1	0	Ci.	Cu.	10	Ci.-S.	Cu. E
23	Calm	Calm	E	E	Calm	Calm	12.3	40.2	44.9	8.3	105.7	4	A.-Cu. E	Cu.	3	Ci.	Cu. E
24	Calm	Calm	NE	NE	Calm	Calm	13.9	30.3	41.6	12.4	98.2	0	Ci.	Cu.	6	Ci.	Cu. E
25	Calm	Calm	NE	NNE	NNE	Calm	11.3	35.2	53.7	22.5	122.7	6	Ci.	Cu. NNE	6	Ci.	Cu. NNE
26	Calm	Calm	Calm	NE	Calm	Calm	14	24.7	39.7	22	100.4	8	Ci.-S.	S.-Cu. NNE	6	Ci.	Cu. NNE
27	Calm	NE	NNE	NNW	Calm	Calm	32	59.8	56	17.4	165.2	10	Ci.-S.	Cu. NNE	6	Ci.	Cu. N
28	Calm	Calm	NE	NE	Calm	Calm	14.7	32.4	42.1	8.5	97.7	6	Ci.	Cu. N	2	Ci.	Cu. N
29	Calm	Calm	NE	NE	Calm	Calm	14.8	31.6	43	9.9	99.3	2	Ci.	Cu.	1	Ci.	Cu. N
30	Calm	Calm	NE	NNE	Calm	Calm	14.7	30.4	45.6	13.7	104.4	2	Ci.	Cu.	6	Ci.	Cu.
31	Calm	Calm	WSW	W	W	WSW	18	23.5	36	50.9	128.4	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Cu. WSW
Mean	------	------	------	------	------	------	12.4	37.4	48.6	20.4	118.8	4.1	------	------	4.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,684.3	------	------	------	------	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	52.53	52.85	54.11	53.68	54.01	55.49	53.78	27.5	28	30	29.2	26.9	26.4	28	30.8	26.3	79	77	70	73	78	85	77	8.6
2	55.36	55.78	56.83	55.23	55.85	57.58	56.10	25.6	24.9	28	28.5	26	26	26.5	28.8	24.6	88	91	77	77	87	84	84	3.6
3	56.20	56.68	57.73	56.63	57.84	58.68	57.29	25.5	26	28.3	28	25.8	24.6	26.4	29.2	24.3	86	81	75	77	87	95	83.5	6.9
4	57.18	57.71	58.30	56.78	57.32	58.73	57.67	24.8	26.4	28.4	30.5	27.9	26.5	27.4	32.4	24.3	93	81	75	72	81	84	81	.5
5	57.70	58.43	59.40	57.84	58.79	60.52	58.78	26.4	26.5	31.8	33.8	30	26.5	29.2	34.6	25.1	81	81	62	55	69	89	72.8	------
6	59.66	59.98	60.36	58.65	59.49	61.28	59.90	25.8	25.4	30.5	32	29.4	26.9	28.3	33.8	25	93	95	75	72	82	95	85.3	------
7	59.33	59.93	60.17	58.73	58.42	60.36	59.49	25.6	25.3	31.8	32	29.5	26.5	28.4	32.8	25	95	95	72	69	75	92	83	------
8	59.04	59.58	60.04	58.48	58.72	60	59.31	26.3	25.7	32	31.4	29.3	28.5	28.9	33.2	25.2	94	97	69	72	83	83	83	------
9	58.81	59.03	59.80	58.30	58.37	60.22	59.09	27.6	27	32.5	32	29.5	26.5	29.2	33.2	25	87	90	66	66	75	84	78	------
10	58.60	59.40	60.17	59.14	59.17	60.78	59.54	24.4	23.5	30.4	32	30	28	28	33	23	95	96	72	66	75	85	81.5	------
11	59.70	59.92	59.74	58.65	58.66	59.96	59.44	27.2	25.7	32.8	32	29.8	27	29.1	32.8	25.1	86	96	65	68	74	88	79.5	------
12	58.78	59.29	59.25	58.14	58.31	59.20	58.83	25.3	24.8	32	33.4	26.8	25	27.9	33.6	24.4	94	96	66	65	90	96	84.5	------
13	58.30	58.95	59	57.48	57.93	59.65	58.55	24.4	24.1	31.8	32.1	29.2	26.5	28	32.8	23.9	97	97	66	66	82	92	83.3	7.9
14	58.43	59.44	59.65	58.09	58.92	60.33	59.14	24.6	24.8	31	31.5	29.5	28.4	28.3	32.4	24.2	97	97	77	72	76	82	83.5	------
15	58.41	59.23	59.40	58.37	58.02	59.16	58.76	27.4	25.9	31.5	30.4	28.9	26.8	28.5	32.3	25.6	84	92	69	66	75	92	79.7	1.8
16	58.08	58.70	58.32	56.66	57.32	58.26	57.89	26	25.4	31	31.6	29.6	28	28.6	32.8	25.4	92	97	71	70	78	85	82.2	------
17	56.96	57.97	58.37	56.98	57.62	58.40	57.72	27.5	25.4	30.4	32.2	26.9	25.3	28	32.7	24.8	82	93	76	65	90	96	83.7	25.6
18	56.90	56.90	57.41	55.42	54.65	53.51	55.80	24.7	27.8	26.2	28.9	27	27.8	27.1	29.5	24	91	84	90	82	92	82	86.8	138.1
19	48.07	42.32	51.56	53.10	54.78	56.80	51.10	27	24.2	25.5	26.5	26.5	25.1	25.8	27.8	22.3	88	98	85	84	80	91	87.7	25.4
20	56.28	57.30	57.73	56.50	57.29	58.65	57.29	24.7	25.4	29.5	30	28	26.3	27.3	30.8	24.6	92	93	75	75	77	88	83.3	------
21	57.53	58.33	59.13	57.13	58.35	59.96	58.40	25	24.9	29.6	29.6	28.4	26	27.2	31.1	24.6	97	97	77	77	89	96	88.8	------
22	58.80	59.24	59.73	58.06	58.80	60.31	59.16	25	24.4	30.4	30.5	28.4	26.8	27.6	31.7	24.1	97	97	76	75	82	94	86.8	------
23	59.10	59.33	60.07	58.76	58.13	59.21	59.10	25.4	24.6	31	31.8	29	26.3	28	32	24.5	97	97	72	71	81	97	85.8	9.9
24	58.40	58.43	59.13	57.70	57.47	58.38	58.25	25.2	24.9	30.8	31.5	28.5	27	28	31.8	24.7	97	98	76	73	83	92	86.5	------
25	57.73	57.79	59.07	57.23	57.56	58.47	57.98	25.4	24.5	29.2	28.4	27	25.2	26.6	29.7	24.4	97	98	81	78	87	97	89.7	19.3
26	57.75	58.15	58.14	57.42	57.12	57.85	57.74	24.4	24.5	28	28.5	28	26	26.6	29.8	24.2	97	97	85	85	85	96	90.8	11.7
27	56.55	56.59	56.93	55.05	54.96	56.12	56.03	25.4	24.8	28	30	28.7	26.3	27.2	31.2	24.6	97	98	88	75	77	94	88.2	.5
28	54.20	54.25	54.60	52.99	53.68	54.63	54.06	25.8	25.4	31.4	32.5	28.8	27	28.5	33	25.3	93	95	73	63	79	87	81.7	------
29	53.88	54.03	54.65	52.67	54.31	55.87	54.24	26.5	26.5	31	33.3	30	27.5	29.1	33.8	26.2	88	88	69	64	71	83	77.2	------
30	54.73	54.85	55.06	53.88	54.49	56.09	54.85	26.6	26.5	31.3	33	29.5	27.5	29.1	34	26	87	86	67	61	76	84	76.8	------
Mean	57.10	57.35	58.13	56.79	57.21	58.48	57.51	25.8	25.4	30.2	30.9	28.4	26.6	27.9	31.9	24.7	91.4	92.6	73.9	71.1	80.5	89.6	83.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	259.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SW	SSW	53.1	75.8	70.6	81	280.5	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. S
2	S	S	S	S	S	S	50.4	51	59.5	44	204.9	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Cu. S
3	S	S	S	S	Calm	Calm	49.9	49.4	30.4	11.9	141.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. S
4	Calm	S	WSW	S	Calm	Calm	24.7	30.9	23.8	19	98.4	10	Ci.-S.	Fr.-N. S	10	Ci.-S.	Cu. S
5	S	S	S	S	Calm	Calm	29.3	42.3	46.4	11.1	129.1	10	Ci.-S.	Cu.	6	Ci.	Cu. S
6	Calm	Calm	S	E	Calm	Calm	14	27.2	33.3	7.5	82	6	Ci.	Cu.	10	Ci.-S.	Cu. S
7	Calm	Calm	NNE	NE	NE	Calm	10.7	31.7	54.4	11.3	108.1	10	Ci.	Cu.	3	Ci.	Cu.
8	Calm	Calm	E	NE	NE	Calm	9.2	37.8	58.4	24.1	129.5	6	Ci.	Cu. E	3	Ci.	Cu. E
9	Calm	Calm	ENE	ENE	ENE	Calm	17.7	38.3	54.9	17.2	128.1	4	Ci.	Cu. E	2	Ci.	Cu. E
10	Calm	Calm	NE	NE	Calm	Calm	11.1	34.8	41	19.5	106.4	1	Ci.	Cu.	7	Ci.	Cu. E
11	Calm	Calm	ENE	ENE	ENE	Calm	13.5	37	53.9	21.2	125.6	1	Ci.	Cu.	1	Ci.	Cu. E
12	Calm	Calm	ENE	ENE	Calm	Calm	8	40	38.9	12.9	99.8	0	Ci.	Cu. E	6	Ci.	Cu. E
13	Calm	Calm	ENE	ENE	Calm	Calm	7.5	39.1	54.9	10.8	112.3	1	Ci.	Cu. E	1	Ci.	Cu. E
14	Calm	Calm	ENE	ENE	ENE	ENE	16.4	35.9	56.6	32.5	141.4	3	Ci.	Cu. E	3	Ci.	Cu. E
15	Calm	Calm	ENE	ENE	Calm	Calm	23.3	43.1	45.4	15.3	127.1	6	Ci.	Cu. E	8	Ci.-S.	Cu. E
16	Calm	Calm	NE	NE	NE	Calm	18.8	43.5	53.4	24.4	140.1	10	Ci.-S.	S.-Cu. E	3	Ci.	Cu. E
17	E	Calm	ENE	ENE	ENE	Calm	18.8	34.3	53.1	18.2	124.4	3	Ci.	Cu. E	6	Ci.	Cu. ENE
18	Calm	NNE	NE	NE	NE	NE	16.4	65	98.4	143.2	323	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
19	NE	NE	S	S	S	Calm	273.6	113	48.1	21.1	455.8	10	------------	Cu.-N. ESE	10	Ci.-S.	Fr.-N.
20	Calm	Calm	S	Calm	Calm	Calm	9.9	21.2	23.8	8.9	63.8	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. S
21	Calm	Calm	E	Calm	Calm	Calm	9.7	27.1	20.3	2.7	59.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
22	Calm	Calm	NE	NE	Calm	Calm	3	26.2	46.5	8.3	84	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
23	Calm	Calm	E	NE	NE	Calm	5.8	34.1	44.6	12.9	97.4	10	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
24	Calm	Calm	ENE	ENE	ENE	Calm	6.1	36.2	58.7	14.5	115.5	8	Ci.	Cu.	8	Ci.-S.	Cu. E
25	Calm	Calm	NE	NE	Calm	Calm	10	28.8	38.6	11.5	88.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
26	Calm	Calm	NE	NE	Calm	Calm	15.3	23.1	35.7	10	84.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
27	Calm	Calm	NNE	NNE	Calm	Calm	14.7	30.4	36	5.3	86.4	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. SW
28	Calm	Calm	WSW	WSW	Calm	Calm	16.7	34.6	35.6	19.5	106.4	4	A.-Cu. E	Cu.	10	Ci.-S.	Cu. WSW
29	Calm	SSW	SSW	SW	SW	Calm	29	48.9	49.1	26	153	10	Ci.-S.	Cu. SSW	6	Ci.-S.	Cu. SW
30	Calm	Calm	SW	SW	Calm	SW	22.8	43.5	39.7	23	129	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
Mean	-----	-----	-----	-----	-----	-----	27	40.8	46.8	23	137.5	7.4	------------	------------	7.3	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,126.4	---	------------	------------	---	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.08	55.72	56.41	55.12	55.88	57.69	55.98	26.5	26	32	31.3	28	26	28.3	33.2	25.8	88	89	63	70	88	92	81.7	6.6
2	56.58	56.79	57.81	56.47	56.96	58.37	57.16	25.5	24.7	31	31	29	25.3	27.8	31.8	24.5	93	95	69	69	78	93	82.8	------
3	57.20	57.33	57.26	55.61	56.26?	57.12	56.80	25.1	24.7	30	31.6	29	25	27.6	32.8	24.6	92	95	71	68	80	96	83.7	5.6
4	55.70	55.79	56.07	54.37	54.55	56.01	55.42	25.2	24.7	30	31.4	29	26.4	27.8	31.8	24.7	95	94	67	70	78	86	81.7	.5
5	54.30	54.63	55.33	53.77	54.12	55.37	54.59	25.8	25.3	29.8	30.4	27.5	25.8	27.4	31	24.9	85	88	69	66	78	85	78.5	------
6	54.17	53.54	53.73	52.32	52.85	53.89	53.42	25.6	25.6	30.8	31.9	26.4	25.5	27.6	33	25.1	87	87	69	61	81	86	78.5	3.6
7	52.85	52.92	53.19	52.50	53.36	54.73	53.26	25.5	25.7	31	31.4	28	27.3	28.2	31.8	25.4	86	84	69	67	81	82	78.2	.3
8	54.08	54.79	55.01	54.81	55.68	57.37	55.29	26.8	26.9	31.5	32	28.5	27	28.8	32.6	26	84	83	66	63	81	86	77.2	------
9	55.88	56.10	56.17	54.78	55.71	56.96	55.93	25.4	25.8	32.4	33.8	29.4	28	29.1	35.3	25	97	93	63	51	71	79	75.7	------
10	55.63	55.82	56.11	55.15	55.62	55.81	55.69	26.4	26.2	31	33	28.9	28	28.9	33.3	25.6	84	82	59	59	74	75	72.2	------
11	54.71	54.79	55.88	54.34	54.53	55.10	54.89	27.5	27.3	31.2	32.2	29.6	29	29.5	33.2	26.9	78	78	64	65	66	68	69.8	------
12	54.36	55.22	55.85	54.89	55.79	57.02	55.52	27.8	27.8	32	34	30.7	28.3	30.1	34.3	27.5	75	75	61	59	71	80	70.2	------
13	55.63	56.39	57.12	56.02	56.39	57.58	56.52	27.1	26.4	32.5	34.5	30.2	28.2	29.8	34.7	26.3	85	89	63	51	71	77	72.7	------
14	56.83	57.75	58.04	56.57	57.08	58.60	57.48	26.2	25.7	32	34.2	30.9	27.3	29.4	35	25.1	88	89	60	55	72	86	75	------
15	57.66	58.11	58.16	56.68	57.89	58.91	57.90	26.4	24.9	32.5	33	25.4	24.7	27.8	34.7	24.3	87	91	52	55	92	92	78.2	32.2
16	57.54	57.76	57.37	55.90	56.36	57.05	57	24.4	24.5	30	31	29	25.4	27.4	32	24.2	97	96	71	68	74	93	83.2	.5
17	55.55	56.11	56.69	56.03	56.16	57.38	56.32	24.2	24	30	25.9	25.9	24.9	25.8	31	23.9	97	96	71	88	87	92	88.5	28.2
18	56.22	56.51	56.81	55.65	56.32	57.59	56.52	23.6	23.4	30.8	30.5	29.2	26.3	27.3	31.1	23.3	97	97	70	68	73	92	82.8	------
19	56.63	56.94	57.21	55.96	56.33	57.69	56.79	24.8	24.3	30.5	30.6	28.2	26	27.4	31.8	24.2	95	96	75	71	82	94	85.5	.8
20	56.68	57.03	57.76	56.61	56.81	58.03	57.15	24.5	24.4	31	31	28.5	26.1	27.6	32	24.2	96	96	71	72	81	93	84.8	------
21	57.20	57.59	58.01	56.71	56.93	58.17	57.44	24.9	24.7	31	29	26.5	25.3	26.9	32.1	24.4	92	94	71	81	92	97	87.8	.3
22	56.30	56.45	56.21	55.02	55.73	56.84	56.09	24.4	24.4	31	31.4	27.7	26	27.5	31.8	24.3	97	97	72	66	83	94	84.8	1.5
23	55.23	54.77	54.38	53.17	53.31	54.86	54.29	24.7	24.7	31.4	33	29.5	26.7	28.3	33.9	24.2	94	94	68	61	78	90	80.8	------
24	53.68	54.09	54.30	53.59	54.58	55.88	54.35	26.2	25.8	31	33	28.5	26	28.4	33.2	25.4	89	88	69	61	78	92	79.5	------
25	54.70	54.50	55.33	54.26	54.88	56.11	54.96	26.1	26.1	30.5	32.2	28.5	27.4	28.5	32.8	25.2	86	86	68	62	78	79	76.5	------
26	55.06	54.84	55.53	55.05	55.78	57.32	55.60	26.7	27.1	31	30.3	29	26.5	28.4	32.2	25.8	77	77	68	70	78	90	76.7	------
27	56.43	56.79	56.81	56.14	57.01	58.76	56.99	26.5	26	31	33	29.3	27	28.8	33.3	25.9	90	91	69	61	76	87	79	------
28	57.23	57.69	58.73	57.83	58.34	59.22	58.17	26.9	26.4	30.8	33.4	30.8	27	29.2	34.6	26.2	82	82	67	59	71	89	75	------
29	58.13	59.07	59.06	58.39	58.88	60.19	58.95	25.8	25.3	32	31	28.3	25.6	28	33.3	25	92	92	60	62	82	92	80	.5
30	58.99	59.47	59.81	58.10	58.71	59.66	59.12	25.2	23.4	30.6	32.6	29.5	25.5	27.8	33	23.4	92	97	68	60	78	94	81.5	------
31	58.30	59.31	59.85	57.78	58.11	59.82	58.86	24.4	23.7	31.3	32.5	29	26.1	27.8	32.7	23.6	95	94	65	63	78	94	81.5	5.3
Mean	55.95	56.28	56.65	55.47	56.03	57.26	56.27	25.7	25.4	31.1	31.8	28.6	26.4	28.2	32.9	25	89.4	89.8	66.7	64.6	78.4	87.9	79.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	85.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	Calm	SW	SW	Calm	Calm	23.8	31.9	27.7	9.2	92.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
2	Calm	Calm	SW	SW	Calm	Calm	9.5	26.6	34.3	16.3	86.7	6	Ci.	Cu.	9	Ci.-S.	Cu. S
3	Calm	Calm	WSW	WSW	Calm	Calm	10.8	28.8	46.1	13.4	99.1	6	Ci.	Cu.	4	Ci.	Cu. WSW
4	Calm	Calm	WSW	WSW	Calm	Calm	14.3	37.3	48.9	15.3	115.8	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. WSW
5	Calm	Calm	WSW	WSW	WSW	WSW	12.3	55.5	64.9	29.6	162.3	10	A.-Cu. E	Cu.	7	Ci.-S.	Cu. WSW
6	Calm	Calm	SW	SW	Calm	SSW	24.3	47	59.5	33.8	164.6	8	Ci.-S.	Cu. W	10	Ci.-S.	Cu. WSW
7	SSW	Calm	SW	SW	Calm	Calm	28.8	56.1	53.7	28.5	167.1	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. SW
8	SW	Calm	SW	SW	Calm	Calm	35.2	48.6	39.7	9.9	133.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
9	Calm	Calm	SW	SW	Calm	Calm	4.2	35.2	50.5	12.9	102.8	8	Ci.-S.	Cu.	4	Ci.	Cu. SW
10	Calm	Calm	WSW	WSW	Calm	Calm	21.2	48.6	46.4	35.4	151.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
11	Calm	Calm	WSW	SW	SW	SW	27.1	53.6	66.8	52.9	200.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
12	SSW	SSW	SSW	SSW	SSW	Calm	38.1	44.8	52.1	23.6	158.6	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. SW
13	Calm	Calm	SW	SW	Calm	Calm	19.3	34.6	43.1	9.5	106.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
14	Calm	Calm	SW	SW	Calm	Calm	7.4	41.8	49.7	13.4	112.3	10	Ci.-S.	Cu.	8	A.-Cu.	Cu. SW
15	Calm	Calm	SW	WNW	WNW	Calm	17.1	44.9	58.1	17.2	137.3	2	Ci.	Cu.	3	Ci.	Cu.
16	Calm	Calm	W	NW	Calm	Calm	10.8	33.2	44.3	12.4	100.7	10	Ci.-S.	S.-Cu. WNW	4	Ci.	Cu.
17	Calm	Calm	Calm	Calm	SW	Calm	19.8	28.8	26.9	13.7	89.2	3	Ci.	Cu.	10	------	N. W
18	Calm	Calm	Calm	SW	Calm	Calm	4.3	21.9	30.4	9.1	65.7	0	Ci.	Cu S	8	Ci.-S.	Cu. S
19	Calm	Calm	S	NE	Calm	Calm	4.8	33.2	46.1	10.7	94.8	0	------	Cu.	4	Ci.	Cu. S
20	Calm	Calm	NE	NE	Calm	Calm	10.3	29.6	40.7	11	91.6	3	Ci.	Cu.	10	Ci.-S.	Cu.
21	Calm	Calm	NE	Calm	Calm	Calm	15.8	26.4	19.1	8	69.3	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. N
22	Calm	Calm	NE	NE	Calm	Calm	15.5	31.4	33.5	11.5	91.9	4	Ci.	Cu.	6	Ci.	Cu. WSW
23	Calm	Calm	SW	SW	Calm	Calm	10	27.4	34.8	7.5	79.7	3	Ci.	Cu.	6	Ci.	Cu. SW
24	Calm	Calm	SW	SW	Calm	Calm	14	45.7	39.7	10.5	109.9	10	Ci.-S.	Cu. SW	9	Ci.-S.	Cu. SW
25	Calm	SSW	SSW	SSW	Calm	SSW	5.4	54.7	61.7	23.5	145.3	8	A.-Cu.	Cu. SSW	4	Ci.	Cu. SSW
26	Calm	SSW	SSW	SSW	Calm	Calm	26.6	50.9	42.9	9.1	129.5	8	Ci.	Cu. SSW	10	Ci.-S.	Cu. SSW
27	Calm	Calm	Calm	W	Calm	Calm	8	25.2	36.7	11.5	81.4	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. W
28	Calm	Calm	SW	SW	Calm	Calm	24.3	36	34.1	14.7	109.1	10	A.-Cu. NNW	Cu.	10	Ci.-S.	Cu. SW
29	Calm	Calm	SW	SW	Calm	Calm	13.9	32.4	35.9	13.7	95.9	2	Ci.	Cu.	10	Ci.-S.	Cu. S
30	Calm	Calm	Calm	ENE	Calm	Calm	14.8	20.3	35.7	9.2	80	6	Ci.	Cu.	8	Ci.-S.	Cu.
31	Calm	Calm	Calm	NNE	Calm	Calm	11.9	20.4	36	8	76.3	2	Ci.	Cu.	5	Ci.	Cu. SW
Mean	------	------	------	------	------	------	16.2	37.2	43.2	16.3	112.9	7.1	------	------	7.9	------	------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,501.4	---	------	------	---	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.88	59.29	59.68	58.16	58.95	60.63	59.26	25.3	24.3	31	32	27	24.5	27.4	32.5	24.2	96	97	72	69	91	92	86.2	1.3
2	58.95	59.39	59.28	58.06	57.96	59.47	58.85	23.8	23.4	31.3	32	29.4	24.7	27.4	32.4	23.1	95	96	69	61	67	94	80.3	.5
3	57.46	58.40	59.05	57.23	57.47	58.90	58.08	24.1	24.3	24.4	29	27.5	25.4	25.8	29.2	23.8	97	94	93	78	85	93	90	31.9
4	57.48	57.60	58.07	57.13	57.42	58.96	57.78	24.6	24	30.5	28.5	27.5	25	26.7	31.2	23.9	95	97	74	78	89	95	88	------
5	57.58	57.67	58.57	57.03	57.80	59.17	57.97	24	24	31	31.5	29	25.5	27.5	31.8	23.5	96	96	69	60	74	92	81.2	5.6
6	57.78	57.84	58.57	57.36	57.53	58.60	57.95	24.6	24.3	30.5	30.4	28.5	26.5	27.5	31.2	24.1	95	95	72	69	79	88	83	19
7	57.70	58.19	58.91	57.20	57.27	58.33	57.93	24.6	24.5	26.4	30.6	29	26.5	26.9	31	24.2	97	97	93	74	78	91	88.3	8.6
8	56.80	57.56	58.17	57.08	57.10	58.55	57.54	24.7	24.3	30	29	27.5	25.4	26.8	31	24.1	94	94	75	74	81	93	85.2	1.6
9	56.90	57.70	57.74	56.34	56.48	57.85	57.17	24.5	24.4	30	27.3	28.5	25.5	26.7	31.8	24	97	97	73	90	85	96	89.7	4.6
10	56.30	56.39	56.33	55.53	54.88	55.89	55.89	24.8	25	30.5	26	25.3	24.7	26	31	24	97	96	68	89	89	94	88.8	34.3
11	54.71	53.95	54.01	52.94	52.49	53.94	53.67	24.6	24.5	28.3	28.5	26.2	26	26.4	29.6	24.4	95	96	72	78	94	81	86	3.8
12	52.37	52.91	53.20	51.85	52.75	53.28	52.73	25.7	25.4	29.3	30.5	27.8	26.3	27.5	31.8	25	81	84	72	68	83	86	79	------
13	52.69	53.07	53.96	53.85	54.24	55.73	53.92	26.2	26	29.5	26	27.1	26.2	26.8	31	25.3	84	84	75	95	87	83	84.7	5.1
14	55.18	54.96	56.13	55.41	56.32	57.89	55.98	26	26.4	28.5	29.5	27.7	26.4	27.4	31	25.6	84	82	78	78	76	89	81.2	------
15	56.90	57.28	57.51	56.63	57.01	58.50	57.30	25.1	24.9	31	29.5	26.5	25.5	27.1	31.6	24.7	92	92	69	76	92	96	86.2	33.3
16	56.88	57.55	57.71	56.11	56.21	57.55	57	24.7	24	30.4	32.5	29.5	25.5	27.8	32.8	23.9	96	97	66	58	69	94	80	1.5
17	56.93	57.79	58.57	57.07	57.75	58.87	57.83	25.1	24.5	30.4	30	28.8	26	27.5	31.8	24.2	94	96	69	75	80	94	84.7	.5
18	57.63	57.89	58.20	56.51	57.10	58.57	57.65	25.2	24.2	30.4	31.4	29.4	25.8	27.7	32.5	24.2	95	97	72	66	77	93	83.3	------
19	56.70	56.84	57.43	55.29	56.36	57.83	56.74	24.7	24.7	31.5	33	25	26	27.5	33.8	24.2	92	92	66	61	92	85	81.3	28.7
20	56.35	55.98	56.61	54.23	54.42	56.09	55.61	25.8	25.4	30.4	33	29.4	26.9	28.5	33.8	24.4	87	93	74	64	75	90	80.5	------
21	54.46	54.55	55	53.15	54.26	55.16	54.43	26.1	26	31	31	29.2	27.2	28.4	31.8	25.2	89	88	67	69	79	83	79.2	------
22	54.88	55.52	56.51	54.73	55.47	57.05	55.69	26.3	26.7	26.5	30	27	26	27.1	30.3	24.6	91	90	89	71	84	92	86.2	12.4
23	56.50	57	57.66	56.41	56.51	58.38	57.08	26.1	25.9	31	32	28.8	25.9	28.3	32.6	25.6	89	90	70	64	78	93	80.7	------
24	57.30	57.98	57.91	56.34	57.20	58.08	57.47	25.2	24.8	31.3	33.2	29	26.7	28.4	33.8	24.6	95	96	64	55	71	83	77.3	------
25	56.75	56.79	57.06	55.81	55.56	56.79	56.46	26.3	25.7	30	31.5	28.5	26.8	28.1	32.6	25.5	85	88	70	63	78	88	78.7	------
26	55.18	55.20	55.42	54.11	54.45	55.28	54.94	26.1	25.5	30.2	30.4	28.4	27.3	28	32	25.3	88	88	69	62	77	82	77.7	------
27	53.76	53.78	54.03	52.88	53.53	55.47	53.91	26.6	26.7	29.5	32	29	27	28.5	33.3	26.2	86	85	69	60	71	83	75.7	------
28	54.88	55.12	55.68	54.70	55.26	57.59	55.54	26.6	27	32	32	29.5	27	29	33.3	26	84	77	66	61	68	75	71.8	------
29	56.40	57.06	57.27	56.03	56.71	58.22	56.95	25.6	25.3	31.5	34	29.3	25.6	28.6	34.2	24.7	85	87	61	54	68	87	73.7	------
30	56.93	57.01	57.88	55.58	56.01	57.80	56.87	25.3	24.8	32.5	33.6	30	27.5	29	34.5	24.5	89	92	60	55	73	81	75	------
31	56.03	55.55	56.46	54.66	55.48	56.53	55.78	26.5	25.8	30.2	32	27.8	26	28	32.8	25.2	86	89	74	66	84	89	81.3	------
Mean	56.30	56.57	57.05	55.66	56.06	57.45	56.52	25.3	25.1	30	30.7	28.2	26	27.6	32.1	24.6	91.2	91.7	71.9	69.1	79.8	88.9	82.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	192.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	ENE	Calm	Calm	12.6	25.5	46.5	11.9	96.5	2	Ci.	Cu.	3	Ci.	Cu. NE
2	Calm	Calm	NE	NE	Calm	Calm	11.8	31.6	46.5	10.5	100.4	0	----------	Cu.	2	Ci.	Cu. N
3	Calm	Calm	Calm	Calm	Calm	Calm	14	23.9	26.9	10.8	75.6	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Cu. N
4	Calm	Calm	NNE	NNE	Calm	Calm	15.1	25.5	23.8	9.5	73.9	6	Ci.	Cu. NE	10	Ci.-S.	Cu. E
5	Calm	Calm	NE	NE	Calm	Calm	15.3	28.7	43.7	12.4	100.1	2	Ci.	Cu.	1	Ci.	Cu.
6	Calm	Calm	NE	Calm	Calm	Calm	13.9	23.1	30.3	13.4	80.7	2	Ci.	Cu.	10	Ci.-S.	Cu.
7	Calm	Calm	Calm	NE	Calm	Calm	16.9	12.1	39.2	15.8	84	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
8	Calm	Calm	NE	NE	Calm	Calm	17.5	22.5	36.4	15.8	92.2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. NE
9	Calm	Calm	Calm	Calm	Calm	Calm	14.5	27.2	16.3	5.3	63.3	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
10	Calm	Calm	W	SW	Calm	Calm	12.9	31.6	31.4	13.1	89	10	Ci.-S.	Cu. W	10	----------	N. SW
11	Calm	Calm	W	SW	Calm	SW	11	31.1	40.7	33.5	116.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
12	Calm	Calm	SW	SW	SW	SW	33.2	48.1	59	40.4	180.7	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. SW
13	SW	Calm	SW	SW	SW	Calm	33.6	44.1	36.4	18.5	132.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
14	Calm	SSW	SSW	SSW	SSW	Calm	25.7	39.1	36.7	20.7	122.2	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu.
15	Calm	Calm	SW	SSW	Calm	Calm	11.5	33.8	21.4	5.6	72.3	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SSW
16	Calm	Calm	SSW	SSW	Calm	Calm	6.6	30.4	39.2	4.5	80.7	2	Ci.	Cu.	3	Ci.	Cu.
17	Calm	Calm	NNW	NNW	Calm	Calm	13.9	27.7	39.1	7.7	88.4	2	Ci.	Cu.	3	Ci.	Cu. NNW
18	Calm	Calm	N	N	Calm	Calm	12.3	26.8	39.7	9.7	88.5	2	Ci.	Cu.	2	Ci.	Cu.
19	Calm	Calm	NW	NW	W	Calm	14.2	28.2	43.1	18.8	104.3	0	Ci.	Cu.	2	Ci.	Cu.
20	Calm	Calm	SW	SW	Calm	Calm	18	36.5	42.1	10	106.6	6	Ci.-S.	Cu.	7	Ci.	Cu. SW
21	Calm	Calm	SW	SSW	Calm	Calm	7.4	32.7	48.8	23.1	112	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
22	Calm	Calm	Calm	SSW	Calm	Calm	16.6	33.2	42.4	8.9	101.1	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. SSW
23	Calm	Calm	SSW	SSW	Calm	Calm	9.1	35.6	40.7	5	90.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
24	Calm	Calm	SW	SW	Calm	Calm	2.4	33.6	51	12.7	99.7	10	Ci.-S.	Cu.	4	Ci.	Cu.
25	SW	Calm	SW	SW	Calm	Calm	20.7	38.8	36.2	14.2	109.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	Calm	SW	Calm	Calm	Calm	9.7	29.2	29.8	14.7	83.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27	Calm	SSW	SSW	SSW	SSW	Calm	22.2	51.3	56.5	20.9	150.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
28	Calm	SSW	SSW	SW	Calm	Calm	21.1	45.6	50.5	16.3	133.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
29	Calm	Calm	SW	SW	Calm	Calm	5.1	32.7	44.5	4.2	86.5	3	Ci.	Cu.	4	Ci.	Cu. SW
30	Calm	Calm	SW	SW	Calm	Calm	5.9	38.4	54.7	14.3	113.3	2	Ci.	Cu.	2	Ci.	Cu. SW
31	Calm	Calm	Calm	WSW	Calm	Calm	11.8	26.6	32.5	5.9	76.8	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. WSW
Mean	------	------	------	------	------	------	14.7	32.1	39.5	13.8	100.2	6.7	----------	----------	7.4	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,105.8	----	----------	----------	----	----------	----------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.03	54.30	55.87	54.23	54.45	56.15	54.84	26.5	26.4	30.4	29.5	28.8	25.7	27.9	31.6	24.4	82	82	72	75	75	86	78.7	6.4
2	55.38	54.75	55.03	53.77	54.30	55.61	54.81	24.5	24.5	26.2	28.5	26.5	25.7	26	28.8	24	92	92	88	81	84	86	87.2	1.8
3	54.22	53.61	54.59	53.24	53.92	55.11	54.12	25.8	24.4	27.4	30.1	26.7	25.5	26.6	30.5	24.4	84	94	85	69	82	83	82.8	------
4	53.70	53.76	54.12	53.02	53.64	54.65	53.82	25.4	25.2	29.2	30.5	27.4	26.1	27.3	31	25	84	88	70	68	77	83	78.3	------
5	53.32	53.85	54.94	52.85	52.87	54.75	53.76	26.1	24.7	30	30	27.5	26.6	27.5	31.6	24.3	83	93	71	71	81	84	80.5	11.4
6	53.57	52.94	53.48	52.61	53.13	54.65	53.40	24.2	25.5	31.5	30.5	28	26.8	27.8	32	24	95	93	70	75	80	86	83.2	2.8
7	53.63	53.71	54.88	53.37	54.28	55.10	54.16	26.6	25.4	30.4	28.9	27.3	26.4	27.5	31.2	25.4	87	92	76	83	82	84	84	.5
8	54.68	54.75	55.40	53.55	54.05	55.09	54.59	25.5	25	28.8	28	25.7	25.6	26.4	30.2	24.9	89	92	79	79	86	86	85.2	.3
9	54.48	54.50	55.42	54.17	54.55	55.88	54.83	25.2	24.9	30.5	30	25.9	25.5	27	31.8	24.7	88	88	68	68	83	84	79.8	------
10	55.20	55.38	56.11	55.01	55.83	57.53	55.84	26.1	24.9	29.5	32.5	28.6	26.5	28	33	24.8	83	88	71	63	73	84	77	------
11	56.28	56.91	57.38	55.71	56.66	57.93	56.81	25.6	24.9	31	33.5	29	26.5	28.4	34	24.7	90	95	68	58	78	92	80.2	------
12	56.36	56.65	57.55	55.93	56.58	57.74	56.80	26.2	25.5	31	27	24.5	24.7	26.5	31.8	24.5	90	92	72	87	96	94	88.5	16
13	56.97	56.71	58.04	55.78	56.90	58.35	57.12	24.5	23.7	28.5	31	24.2	23.8	26	31.8	23	92	94	75	69	93	93	86	15.7
14	57.14	57.62	58.33	56.86	57.83	59.34	57.86	24	24	29.3	29.4	28.4	25.8	26.8	31.6	23.3	91	91	78	82	78	88	84.7	3.6
15	58.13	59	59.61	57.34	57.49	59.33	58.48	25.2	24.4	30.5	32	28.6	25	27.6	32.8	24	88	91	65	66	79	93	80.3	------
16	57.65	58.34	59.02	56.50	57.35	58.59	57.91	24.1	23.4	31.1	33.4	29	26	27.8	34	23.1	96	97	62	61	75	89	80	------
17	57.35	57.55	57.91	56.01	56.98	58.98	57.46	24.2	24.3	31.8	31	28	25.2	27.4	33.8	24.2	90	89	61	75	88	95	83	------
18	57.63	58.02	59.16	57.52	58.26	60.21	58.47	24.1	23.4	29.5	31	28.4	25.5	27	32	23.2	97	97	78	73	85	96	87.7	------
19	59.30	59.38	60.23	58.31	59.16	61.06	59.57	24.3	25.4	31.3	31.7	29.1	26	28	32.8	24	96	91	70	72	83	94	84.3	------
20	59.28	59.58	60.75	58.82	59.28	60.68	59.73	24.8	24.4	29.4	32	25.3	24	26.6	32.8	24	97	97	79	71	85	91	86.7	------
21	59.20	59.37	60.28	58.56	58.69	59.52	59.27	23.8	23.6	30.6	29.4	25.2	25.2	26.3	32.6	23	93	95	72	75	95	95	87.5	------
22	58.63	58.12	59.15	57.33	57.76	58.84	58.31	25.6	26.9	29.5	30	26.5	24.5	27.2	30.5	24.5	93	85	78	74	91	95	86	19.4
23	57.63	57.31	57.97	56.30	56.43	57.71	57.23	24.8	27	29.5	31	28	24.7	27.5	31.5	24.5	95	80	71	65	77	92	80	3.6
24	56.30	56.35	57.22	55.82	56.95	57.93	56.76	24.5	24.2	29.4	32	27.6	25.3	27.2	32.3	23.8	92	94	79	64	84	95	84.7	------
25	56.53	57.34	58.16	57.01	57.02	58.55	57.44	24.5	23.6	29.6	26.6	28	25.3	26.3	32.4	23.5	96	97	77	81	88	97	89.3	------
26	57.43	57.81	58.74	56.05	57.17	58.19	57.56	24.4	23.7	30.3	30	25	24.6	26.3	31.2	23.5	97	96	73	75	92	97	88.3	2.3
27	56.96	57.37	58.23	56.24	56.51	58.45	57.29	24.4	23.5	30.8	27	27.8	25.5	26.5	32.5	23.5	97	97	71	86	90	96	89.5	4.6
28	56.63	57.19	58.11	56.41	57.44	58.79	57.43	24.8	24.5	30.8	28.7	24.4	24.8	26.3	32.2	24	97	96	70	84	92	91	88.3	18.5
29	57.27	57.30	57.90	56.22	57.78	59.13	57.61	24.6	24.3	31	32.3	24.6	25.2	27	32.8	23.5	92	95	72	68	95	94	86	4.5
30	57.64	58.49	59.25	57.59	58.58	60.27	58.64	24.8	24.4	31.2	30	27.9	25.6	27.3	32.6	23.5	95	96	71	78	89	96	87.5	4.1
Mean	56.42	56.60	57.43	55.74	56.39	57.80	56.73	25	24.7	30	30.2	27.1	25.5	27.1	32	24	91.4	92.2	73.1	73.2	84.5	90.6	84.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	115.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	SSW	WSW	WSW	Calm	WSW	35.6	40.2	42.1	25.4	143.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
2	SW	SSW	SW	SW	Calm	Calm	25.2	37.2	49.1	23.8	135.3	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu. SW
3	Calm	Calm	SW	SW	SW	Calm	26	48.6	57.1	35.4	167.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
4	WSW	Calm	WSW	WSW	WSW	WSW	42.9	68.1	77.2	38.6	226.8	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. WSW
5	WSW	Calm	WSW	WSW	WSW	Calm	41.8	49.9	50.7	15	157.4	3	Ci.	Cu.	10	Ci.-S.	Cu. WSW
6	Calm	Calm	SSW	WSW	Calm	Calm	6.6	34	47.2	23	110.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
7	Calm	Calm	WSW	WSW	Calm	Calm	16.3	32	35.9	32.7	116.9	7	Ci.	Cu.	10	Ci.-S.	Cu. WSW
8	Calm	SSW	WSW	SSW	SSW	SSW	29.8	47.2	47.7	41.6	166.3	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	Cu. SSW
9	SW	Calm	SW	WSW	SW	Calm	28.2	41.8	55	27.4	152.4	2	Ci.	Cu.	10	Ci.-S.	Cu. WSW
10	SSW	SSW	SSW	WSW	Calm	Calm	32.8	50.1	57.6	10.3	150.8	8	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. WSW
11	Calm	Calm	WSW	WSW	Calm	Calm	4.8	41.5	45.3	4.6	96.2	6	Ci.	Cu.	4	Ci.	Cu. WSW
12	Calm	Calm	SW	Calm	Calm	Calm	7.7	39.4	24.7	22.2	94	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. SW
13	Calm	Calm	SW	SW	Calm	S	19	36.8	36.5	24.4	116.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
14	Calm	Calm	SW	SW	Calm	Calm	20.7	26.8	27.4	16.6	91.5	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. SW
15	Calm	Calm	W	NW	Calm	Calm	16.6	31.7	34.8	5.1	88.2	5	Ci.	Cu.	4	Ci.-S.	Cu.
16	Calm	Calm	SW	SSW	Calm	Calm	11.1	33	33.8	12.4	90.3	7	Ci.-S.	Cu.	5	Ci.	Cu. SSW
17	Calm	Calm	NE	NE	Calm	Calm	14.2	33.3	35.4	6.1	89	6	Ci.-S.	Cu.	6	Ci.	Cu. SW
18	Calm	Calm	NNE	NNE	Calm	Calm	9.5	25.7	29.5	6.9	71.6	6	Ci.	Cu.	6	Ci.	Cu. SW
19	Calm	Calm	NE	NE	Calm	Calm	8.2	25.9	36.4	6.2	76.7	5	Ci.	Cu.	4	Ci.	Cu. SW
20	Calm	Calm	Calm	NNE	NNE	Calm	6.2	23.9	41.8	18.7	90.6	3	Ci.	Cu.	6	Ci.-S.	Cu. N
21	Calm	Calm	NNE	Calm	Calm	Calm	16.7	45.3	38.6	13.1	113.7	5	Ci.	Cu. N	6	Ci.	Cu. NNE
22	Calm	NNE	N	N	Calm	Calm	19.3	54.7	39.4	16.7	130.1	4	Ci.	Cu. NNE	6	Ci.	S.-Cu. NNE
23	Calm	N	N	N	Calm	Calm	22.2	55.3	39.2	15.6	132.3	6	Ci.	S.-Cu. N	3	Ci.	Cu. N
24	Calm	Calm	Calm	W	Calm	Calm	12.7	25.1	31.1	10.7	79.6	2	Ci.	Cu.	10	Ci.-S.	Cu. W
25	Calm	Calm	NE	SW	Calm	Calm	3.5	26	23.8	9.4	67.7	3	Ci.	Cu.	10	Ci.-S.	N. SW
26	Calm	Calm	NE	NE	Calm	Calm	13.7	25.5	27.9	15	82.1	3	Ci.	Cu.	6	Ci.	Cu. W
27	Calm	Calm	NNE	Calm	Calm	Calm	14.2	23.3	11.9	9.1	58.5	2	Ci.	Cu.	10	Ci.-S.	Cu. W
28	Calm	Calm	WSW	Calm	Calm	Calm	4.8	25.9	28	11.9	70.6	2	Ci.	Cu.	10	Ci.-S.	Cu. SW
29	Calm	Calm	SSW	SSW	Calm	Calm	6.6	29.8	40.5	11.9	88.8	7	Ci.	Cu.	10	Ci.-S.	Cu. SSW
30	Calm	Calm	W	W	Calm	Calm	4.8	27.4	21.4	5	58.6	7	Ci.	Cu.	10	Ci.-S.	Cu. W
Mean	------	------	------	------	------	------	17.4	36.8	39.1	17.2	110.5	6.3	------	------	8.2	------	------
Total	------	------	------	------	------	------	------	------	------	------	3,313.9	----	------	------	----	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, −1.73 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.78	59.50	60.13	57.97	58.56	60.13	59.18	24.6	23.9	31	32	28.5	25.4	27.6	32.8	23.7	95	97	71	69	84	93	84.8	------
2	58.90	59.10	60.23	58.32	58.88	61.11	59.42	24.6	24.4	30.7	31.4	28.4	26.7	27.7	32	24	97	97	77	73	87	90	86.8	16.8
3	59.76	60.24	61.26	59.54	59.93	61.59	60.39	24	23.5	29.5	30	27.2	25.5	26.6	30.8	23.4	95	97	78	75	86	96	87.8	5.1
4	60.03	60.13	60.98	59.06	59.43	61.11	60.12	24.7	23.9	30.5	31	28.3	27.5	27.6	32	23.6	96	97	68	69	77	81	81.3	------
5	60.01	60.84	61.45	59.81	60.37	61.46	60.66	23.8	23.4	30.4	30.7	28	25.8	27	31.5	23.2	95	97	66	67	77	92	82.3	.5
6	59.99	60.77	61.83	60.13	60.51	61.42	60.78	24.4	24.4	28.5	27	25.5	23.9	25.6	30.2	23.9	97	97	81	79	93	97	90.7	20.1
7	59.78	60.18	61.29	59.73	59.98	61.21	60.36	23.8	24.8	26.7	30.2	28	27.3	26.8	30.6	23.7	98	93	87	70	82	82	85.3	8.8
8	60.41	61.19	62.16	60.21	60.76	62.17	61.15	25.6	25.4	30.5	31.4	28	25.7	27.8	31.7	24.7	93	94	75	73	77	93	84.2	------
9	60.61	61.33	61.98	60.26	60.58	61.72	61.08	24.4	23.5	30.6	30.5	27.8	27.2	27.3	32	23.5	97	97	71	70	79	79	82.2	------
10	60.23	61	61.93	59.86	60.70	61.30	60.84	24	22.5	30.4	30.7	26.6	26.8	26.8	31.7	22.4	95	96	70	70	91	87	84.8	3.3
11	59.08	59.68	60.83	59.34	59.61	60.63	59.86	26.6	23.4	28.5	26.3	24.5	26.3	25.9	30.2	23	84	97	88	90	97	85	90.2	10.7
12	59.55	60.04	60.69	59.03	59.84	60.48	59.94	23.9	25.5	28.5	28.5	25.5	27	26.5	30.6	22.8	92	88	74	78	84	71	81.2	2
13	60.06	60.91	61.41	60.11	60.81	62.08	60.90	25.2	26.4	29	27	27.7	27	27	30.8	24.5	74	77	71	84	72	73	75.2	1
14	61.26	61.66	62.52	60.66	61.07	62.01	61.53	27.2	24	30	30 ?	26.4	26.9	27.4	30.6	24	72	87	65	65	79	76	74	------
15	60.53	61.40	62.57	60.08	60.31	61.53	61.07	24.4	23.4	27	29.5	27	26.9	26.4	30.2	23.2	90	94	80	75	74	75	81.3	4.1
16	59.95	60.90	62.22	60.18	60.61	61.93	60.96	23.4	22.5	30.2	28.5	26.5	26.4	26.2	31.4	22.4	95	96	67	78	86	81	83.8	21
17	61.23	61.83	62.98	61.16	61.57	62.83	61.93	24.2	23.4	28.5	29	26.5	26.8	26.4	30.2	23.4	93	97	81	78	86	78	85.5	10.2
18	61.68	61.92	62.90	60.95	61.12	62.12	61.78	26.3	25.9	29.1	30.1	27.5	27	27.6	30.3	25.6	80	81	74	68	77	84	77.3	1.8
19	60.58	60.67	61.61	59.76	60.18	61.67	60.74	25.7	26.5	29.5	30.1	28	27.5	27.9	30.3	24.4	89	87	78	78	81	81	82.3	14.7
20	60.14	61.13	62.32	60.40	60.95	62.64	61.26	26.2	25.2	29	30	27	25.5	27.2	30.6	24.7	84	86	74	66	79	91	80	5.8
21	61.36	62.27	63.55	61.78	62.08	62.76	62.30	24	24.4	30	29.8	27.3	26.8	27	30.8	23.8	97	97	71	73	78	84	83.3	3.8
22	61.56	62.04	63.38	61.55	61.84	62.73	62.18	26.4	26.6	27.5	29.8	27.4	27.4	27.5	30.2	25.5	82	83	78	65	70	74	75.3	2
23	61.44	62.18	63.08	61.42	61.70	62.96	62.13	27	27	29.5	28.5	27.4	27	27.7	30.8	24.6	70	70	64	81	78	77	73.3	23.1
24	62.40	62.66	63.55	61.78	62.07	63.03	62.58	24.4	26	28	30	27.5	27.2	27.2	30.6	23.3	80	77	70	65	69	78	73.2	5.1
25	61.76	62.54	63.49	61.48	62.01	63.03	62.38	26.2	26	28.6	29.5	27.5	26.9	27.4	30.2	24.1	82	80	75	72	73	74	76	10
26	61.52	61.99	62.99	60.88	60.91	62.18	61.74	26.6	25.4	29	29.3	26.5	26	27.1	30.3	24.7	74	88	71	69	76	80	76.3	1.3
27	60.80	61.68	62.17	60.27	60.76	62.19	61.31	23.8	23.2	28.2	30	27	26.8	26.5	30.4	23	93	95	80	68	83	86	84.2	------
28	61.22	62.14	63.45	61.21	61.67	62.99	62.11	23.6	23	25.5	28	24.8	24.4	24.9	29.6	23	95	97	88	81	90	93	90.7	16.7
29	61.98	62.16	63.13	61.16	61.01	62.19	61.94	25.6	25.9	27.5	30	26.5	26.5	27	30.4	24.6	87	86	84	68	80	73	79.7	8.4
30	61.48	61.99	62.71	60.33	61.06	62.78	61.72	25.6	26.2	29	29.5	27.2	27	27.4	29.8	25	79	76	72	66	72	74	73.2	4.6
31	61.16	62.13	62.96	61.20	62.31	63.58	62.22	24.6	24.8	28	30	27	27.1	26.9	30.6	23.8	93	92	82	72	83	83	84.2	50.5
Mean	60.62	61.23	62.19	60.31	60.75	61.99	61.18	25	24.7	29	29.6	27.1	26.5	27	30.8	23.9	88.5	90.1	75.2	72.7	80.6	82.6	81.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	251.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	W	Calm	Calm	7	23.8	30.6	8.3	69.7	5	Ci.	Cu.	3	Ci.	Cu. W
2	Calm	Calm	NW	NE	Calm	Calm	6.2	23	34.6	14.8	78.6	2	Ci.	Cu.	10	Ci.-S.	Cu. W
3	Calm	Calm	NE	NE	Calm	Calm	11	29	43.8	10.7	94.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
4	Calm	Calm	ENE	ENE	ENE	Calm	6.9	29.5	52.1	13.7	102.2	0	Ci.	Cu.	0	Ci.	Cu.
5	Calm	Calm	E	E	Calm	Calm	7.8	34.3	47	16.4	105.5	1	Ci.	Cu. E	3	Ci.	Cu. E
6	Calm	Calm	E	Calm	Calm	Calm	8.3	18.5	21.7	6.7	55.2	5	Ci.	Cu. ENE	10	Ci.-S.	Cu. E
7	Calm	Calm	NE	NE	E	E	10.5	37	51.7	21.9	121.1	10	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. NE
8	Calm	Calm	ENE	ENE	ENE	Calm	27.4	52.9	49.7	18.3	148.3	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. ENE
9	Calm	Calm	NE	NE	NE	Calm	8.9	38.9	51.3	27.9	127	6	Ci.	Cu. ENE	6	Ci.	Cu. NE
10	Calm	Calm	NE	NE	Calm	Calm	11.5	47.8	44.9	18.2	122.4	3	Ci.	Cu. NE	4	Ci.	Cu. NE
11	Calm	Calm	NE	Calm	Calm	NE	15.5	32.5	30.1	28.2	106.3	4	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
12	Calm	Calm	NE	NE	Calm	NE	14.2	58.9	55.5	51.3	179.9	6	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
13	Calm	Calm	NE	NE	NE	NE	18.8	48.8	47.5	46.4	161.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
14	NE	Calm	NE	NE	NE	Calm	35.2	52	58.1	48.9	194.2	4	Ci.	Cu. NE	4	Ci.	Cu. NE
15	Calm	Calm	NE	NE	NE	NE	13.2	34	44.6	49.9	141.7	10	Ci.-S.	Cu. NE	7	Ci.	Cu. NE
16	Calm	Calm	NE	ENE	NE	NE	12.4	45.6	40.8	38	136.8	4	Ci.	Cu. NE	6	Ci.	Cu. ENE
17	Calm	Calm	ENE	ENE	Calm	NE	21.5	42.1	41.6	32.7	137.9	4	Ci.	Cu. E	10	Ci.-S.	Cu. ENE
18	Calm	Calm	NE	NE	NE	NE	32.8	48.5	51	32.4	164.7	4	Ci.	Cu. NE	2	Ci.	Cu. NE
19	Calm	NE	NE	NE	Calm	NE	22.5	43.8	44	36.2	146.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
20	Calm	Calm	NE	NE	Calm	Calm	19	40.2	48.5	19.9	127.6	1	Ci.	Cu.	0	------------	Cu.
21	Calm	Calm	NE	NE	NE	NE	12.7	37.8	53.3	34	137.8	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
22	Calm	NE	NE	NE	NE	NE	38.9	70.8	73	72.2	254.9	8	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
23	NE	ENE	ENE	ENE	ENE	ENE	89.3	77.2	64.4	59.5	290.4	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
24	Calm	ENE	NE	NE	NE	NE	52.1	80	77.9?	68.4	278.4	3	Ci.	Cu. ENE	6	Ci.	Cu. ENE
25	NE	NE	NE	NE	NE	NE	74	80.5	60.6	49.4	264.5	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
26	NE	Calm	NE	NE	NE	Calm	33.6	49.4	49.4	33.2	165.6	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
27	Calm	Calm	NE	NE	NE	NE	11.1	30.8	60.7	41.8	144.4	10	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu. ENE
28	Calm	Calm	Calm	NE	Calm	Calm	3.8	33.3	69.4	22.3	128.8	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
29	ENE	ENE	NE	NE	Calm	NE	32.8	50.2	52.6	37.2	172.8	4	Ci.	Cu. ENE	4	Ci.	Cu. NE
30	NE	NE	ENE	NE	NE	NE	39.6	63.8	63.1	49.1	215.6	3	Ci.	Cu. NE	3	Ci.	Cu. ENE
31	Calm	Calm	ENE	ENE	ENE	ENE	10.8	39.7	63.3	56.3	170.1	4	Ci.	Cu. ENE	5	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	22.9	45	50.9	34.3	153.1	5.5	------------	------------	6.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,744.9	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.63	62.72	63.59	61.25	62.67	63.63	62.58	26.6	24.1	28.4	29.1	24.5	23.5	26	29.6	22.6	81	95	82	84	96	96	89	14.7
2	62.25	62.30	63.11	61.08	61.79	62.83	62.23	22.2	24	29	30	27	26.5	26.4	30.6	22.1	96	96	78	72	77	80	83.2	.8
3	60.99	61.06	61.70	59.58	59.97	61.55	60.81	25.7	24.9	29	29.7	26	23.8	26.5	30.2	23	84	87	71	70	85	94	81.8	8.3
4	60.48	61.40	61.79	59.58	60.40	61.74	60.90	22.5	22.9	29.1	30	26.8	25.3	26.1	30.5	22.2	96	96	78	73	86	93	87	2.3
5	60.54	60.83	61.61	59.73	60.74	61.43	60.81	24.2	23.5	29	28.6	27	26	26.4	30.8	23.4	97	97	78	77	83	88	86.7	.5
6	59.68	60.33	61.06	59.28	59.73	60.89	60.16	25	24.3	29.4	30	27.5	27.2	27.2	30.8	23.5	93	97	72	71	82	84	83.2	1
7	59.83	59.94	60.76	59	59.78	60.93	60.04	26.4	25	28.8	30	27.5	26.6	27.4	30.3	25	87	96	80	75	81	83	83.7	5.8
8	59.43	59.69	60.18	58.51	59.41	60.67	59.65	27	26.4	27.5	29.4	27	26.4	27.3	30	25.8	83	86	88	78	89	89	85.5	20.3
9	59.55	60.19	60.61	59.05	60.22	61.42	60.17	24.2	22.8	30	28.8	27	26.2	26.5	30.8	22.7	91	97	75	81	86	86	86	-----
10	59.48	60.32	60.91	58.82	59.99	61.16	60.11	24.5	23.5	28	29.1	25.1	26.4	26.1	29.8	23.4	94	96	81	77	93	77	86.3	11.7
11	60.09	60.39	60.66	58.61	59.13	60.26	59.86	26	26.5	28	29.5	26.2	24.9	26.8	29.8	24.7	78	78	74	68	86	92	79.3	8.4
12	59.70	60.24	60.88	58.87	59.48	60.82	60	23.5	24.4	26.5	27.5	25.6	24.2	25.3	28.4	23.1	96	95	85	81	95	97	91.5	17.3
13	59.93	60.38	60.91	58.82	59.86	60.88	60.13	23.6	25.1	29.4	29.8	26.5	26.1	26.8	30.4	23.5	97	94	74	75	93	91	87.3	1.5
14	60.03	60.45	61.08	58.78	59.75	60.77	60.14	25.5	24.5	29.5	30	27.5	26.6	27.3	30.6	24.2	91	92	73	75	81	80	82	-----
15	59.43	59.88	60.80	58.88	59.69	60.88	59.93	25.6	26.4	29	30.2	26.5	26.3	27.3	31	25.3	85	82	74	73	81	82	79.5	1.8
16	59.61	59.88	60.61	58.15	58.73	59.86	59.47	26	26.2	29.3	29.5	27.2	26.6	27.5	30.3	25	84	83	76	72	83	85	80.5	3.8
17	59.10	59.31	60.26	58.30	59.02	60.09	59.35	24.4	24	29	30	27	25.9	26.7	30.1	23.6	95	97	78	74	80	88	85.3	9.4
18	58.73	59.50	60.67	58.67	59.42	60.73	59.62	25	23.8	28.6	30	26.2	25.6	26.5	30	23.7	90	96	76	71	82	88	83.8	-----
19	60.15	60.45	61.46	59.38	60.21	61.53	60.53	23.6	23	29	29.8	27	25	26.2	29.8	22.9	95	96	74	76	84	95	86.7	8.2
20	60.35	61.07	61.63	59.63	60.30	61.03	60.67	24	23.4	29.1	29.8	27	25.2	26.4	30	23.2	97	97	80	75	90	94	88.8	.5
21	60.63	61.28	61.63	59.95	60.41	61.43	60.89	24.4	23.9	29	28.5	26.5	26.8	26.5	30.6	23.9	97	97	78	78	86	84	86.7	2.1
22	60.48	61.08	62.22	59.88	60.37	61.51	60.92	26.4	26	29.6	29.7	26.6	25.9	27.4	30.8	25.5	82	83	72	69	80	88	79	2.5
23	60.64	60.97	61.71	59.68	60.31	61.49	60.80	25.4	24.4	28	29.4	27.4	26.5	26.8	30.3	24.2	90	96	85	77	86	89	87.2	.8
24	60.41	61.19	61.75	59.21	59.90	61.38	60.64	24.6	23.4	29.5	29.5	27.1	25.9	26.7	31	23.2	95	96	73	75	80	87	84.3	2.3
25	59.56	60.30	61.10	59.47	60.72	61.97	60.52	24.4	23.9	29.9	29.4	27.1	27.3	27	30.4	23.7	95	96	72	72	83	80	83	1.8
26	61.11	61.33	61.96	59.71	60.71	61.73	61.09	26.7	26.9	28	26.7	26.8	27.1	27	28.5	26	82	82	74	90	91	89	84.7	11.7
27	60.91	61.18	61.97	59.88	60.74	62.22	61.15	26.8	26.4	28.8	29	25.9	26.5	27.2	29.8	25.2	90	92	83	83	94	89	88.5	26.2
28	61.12	61.51	62.39	59.54	60.38	60.96	60.98	26.5	26.7	25.3	29	26.9	27	26.9	29	24.8	86	84	96	71	77	73	81.2	29.7
29	59.58	60.41	60.94	59.46	60.43	61.68	60.42	26.8	25	28	28.6	27.5	25.2	26.8	29.2	24.5	78	95	82	78	81	92	84.3	10.4
30	60.72	60.90	61.71	59.82	60.19	61.42	60.79	25.6	25.8	28.5	28.2	26.1	26.4	26.8	28.8	24.8	87	87	81	85	91	92	87.2	15.7
Mean	60.20	60.68	61.39	59.35	60.15	61.30	60.51	25.1	24.7	28.7	29.3	26.7	26	26.7	30.1	24	89.7	92	78.1	75.9	85.4	87.5	84.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	214.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	ENE	ENE	Calm	Calm	51.5	41	48.1	8.7	149.3	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
2	Calm	Calm	ENE	ENE	ENE	ENE	7	48.1	50.9	41.5	147.5	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
3	Calm	Calm	ENE	ENE	Calm	Calm	20.3	43.5	39.1	6.6	109.5	6	Ci.	Cu. ENE	1	Ci.	Cu. ENE
4	Calm	Calm	NE	NE?	Calm	Calm	11.1	30.3	41.8	4.6	87.8	10	Ci.-S.	S.-Cu. NE	1	Ci.	Cu. ENE
5	Calm	Calm	ENE	ENE	Calm	Calm	7.5	33.3	38.8	14.7	94.3	6	A.-Cu.	Cu. E	6	Ci.	Cu. ENE
6	Calm	Calm	ENE	ENE	Calm	ENE	8.3	36	39.2	24.7	108.2	5	Ci.	Cu. E	4	Ci.	Cu. E
7	E	Calm	E	E	E	E	34.6	42	51.7	35.7	164	4	Ci.	Cu. E	4	Ci.	Cu. E
8	NE	NE	ENE	ENE	Calm	Calm	42.3	54.5	51.7	15.9	164.4	7	Ci.	Cu. NNE	4	Ci.	Cu. ENE
9	Calm	Calm	E	E	Calm	Calm	3.5	31.7	40.7	17.7	93.6	1	Ci.	Cu. E	6	Ci.-S.	Cu. E
10	Calm	Calm	ENE	ENE	Calm	ENE	11.9	39.7	61.4	53.7	166.7	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
11	ENE	ENE	ENE	ENE	ENE	Calm	44	79.7	56.6	21.2	201.5	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
12	Calm	Calm	ENE	ENE	Calm	Calm	6.6	44	34.1	5.4	90.1	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
13	Calm	Calm	ENE	ENE	Calm	Calm	11.6	50.9	44.1	19.8	126.4	7	Ci.	S.-Cu. ENE	6	A.-Cu.	Cu. ENE
14	Calm	Calm	ENE	ENE	Calm	ENE	10.5	33.6	41.6	32.7	118.4	5	Ci.	Cu. ENE	4	Ci.	Cu. ENE
15	ENE	ENE	ENE	ENE	ENE	ENE	33	51.8	52.6	36	173.4	5	Ci.	Cu. ENE	6	Ci.	Cu. ENE
16	ENE	ENE	ENE	ENE	ENE	Calm	38.3	54.1	50.7	32.7	175.8	5	Ci.	Cu. ENE	3	Ci.	Cu. ENE
17	Calm	Calm	ENE	ENE	Calm	Calm	6.4	30	42.8	17.2	96.4	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
18	Calm	Calm	ENE	ENE	Calm	Calm	14.8	34.6	41.8	8.9	100.1	6	Ci.	Cu. ENE	2	Ci.	Cu. ENE
19	Calm	Calm	ENE	ENE	Calm	Calm	5.6	30.1	44.6	19.9	100.2	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
20	Calm	Calm	ENE	ENE	Calm	Calm	4.2	24.7	37.3	7	73.2	4	Ci.	Cu. ENE	2	Ci.	Cu. ENE
21	Calm	Calm	ENE	ENE	Calm	ENE	6.7	24.1	46.4	45.6	122.8	8	Ci.-S.	S.-Cu. ENE	7	Ci.	Cu. ENE
22	ENE	ENE	ENE	ENE	Calm	Calm	40.8	51.5	46.2	30.4	168.9	5	Ci.	Cu. ENE	3	Ci.	Cu. ENE
23	Calm	Calm	ENE	ENE	Calm	Calm	14.2	27.1	47.3	24.7	113.3	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
24	Calm	Calm	ENE	ENE	Calm	Calm	4.8	25.2	40.5	10.5	81	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
25	Calm	Calm	ENE	ENE	ENE	ENE	9.7	46.1	50.5	62.2	168.5	6	Ci.	Cu. ENE	7	Ci.	Cu. ENE
26	ENE	ENE	ENE	ENE	ENE	ENE	69.7	88.2	81.9	48.1	287.9	4	Ci.	Cu. ENE	10	------------	S.-Cu. NE
27	Calm	Calm	ENE	ENE	ENE	ENE	41.3	43.3	56.5	56.9	198	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
28	ENE	ENE	ENE	ENE	ENE	ENE	68.4	102.4	69.8	69.2	309.8	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. ENE
29	NE	NE	ENE	ENE	ENE	Calm	83.7	74	55.5	40.2	253.4	10	------------	N. NE	7	Ci.	Cu. ENE
30	ENE	E	ENE	ENE	ENE	ENE	37.8	48.3	52.9	43.5	182.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. ENE
Mean	------	------	------	------	------	------	25	45.5	48.6	28.5	147.6	6.1	------------	------------	5.3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,426.9	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.61	60.76	61.56	59.88	60.43	61.78	60.84	26.4	25.4	26	30	27.4	26.4	26.9	30	25	89	93	92	75	82	90	86.8	3.8
2	60.73	61.42	62.11	60.17	60.74	61.61	61.13	26.5	25.9	29	28.4	27	26.3	27.2	29.6	25.5	88	90	78	80	86	90	85.3	3.3
3	60.81	61.11	61.87	59.66	60.41	60.93	60.80	26.2	25.4	29	29.6	26.5	25.8	27.1	30.2	24.9	89	92	79	79	88	89	86	4.5
4	59.93	60.60	61.21	59.45	59.90	61.03	60.35	25.6	24.6	29.3	28.9	27	25.9	26.9	30	24.3	88	94	79	79	89	94	87.2	10.8
5	59.51	59.71	60.66	58.67	59.74	60.84	59.86	25.3	25	28.8	29	26.3	25.7	26.7	29.7	24.6	94	93	82	81	89	93	88.7	11.2
6	60.46	60.68	61.11	59.30	60.11	60.93	60.43	25	24.4	29	29.1	27.3	26.1	26.8	30	24.2	95	97	81	83	86	87	88.2	2
7	60.73	60.83	61.85	59.45	60.02	61.16	60.67	26.4	26.5	29.4	29	25.9	26.1	27.2	30	25	85	84	75	78	88	85	82.5	3.3
8	60.11	60.24	60.99	59.03	59.63	60.59	60.10	25.8	25.3	25	28.2	26.2	26.5	26.2	29.5	24.3	88	92	94	88	89	80	88.5	23.1
9	60.44	60.54	61.54	59.71	60.50	60.80	60.59	23.4	24.3	25.7	27.6	24.5	26	25.2	28.3	23.3	95	93	90	74	92	84	88	25.4
10	60.60	60.67	61.02	59.48	59.88	60.99	60.44	24.3	25.6	28.5	26	26.5	26.3	26.2	28.9	23.5	82	82	80	92	86	85	84.5	3.5
11	60.23	60.68	61.71	59.31	59.74	60.86	60.42	25.8	26.5	29	26.5	26.6	25.4	26.6	29.8	24	78	78	74	88	83	93	82.3	21.8
12	59.63	60.08	61.13	59.02	60.17	61.13	60.19	25.1	26	26.9	27.6	27	26.4	26.5	27.8	24.2	96	92	88	87	90	90	90.5	14.3
13	60.16	60.84	62.49	59.66	60.56	61.51	60.87	25.6	24.4	24.5	27.6	26.5	26.3	25.8	27.7	23	92	92	94	76	77	75	84.3	13
14	60.35	61.12	62.28	59.80	60.71	61.63	60.98	23.2	22.2	28.9	28.6	26.4	26.2	25.9	29.4	22	93	97	74	71	80	86	83.5	4.3
15	60.46	61.02	61.53	59.96	60.88	61.57	60.90	25.6	24.5	27.6	29	26	24.4	26.2	29.3	24.1	87	93	81	78	88	97	87.3	44.5
16	61.55	62.40	63.24	61.29	61.46	62.82	62.13	24.7	24	26.4	27.8	26.5	26.3	26	29.4	24	92	94	86	79	80	82	85.5	2
17	61.92	62.60	63.67	61.36	61.77	62.72	62.34	24.8	23.5	28.3	29.5	25.8	24	26	30	23.4	89	96	77	71	83	96	85.3	------
18	61.70	62.25	63.38	61.31	61.76	62.20	62.10	23.2	22.5	29	29	25.8	23.5	25.5	30	22.4	97	96	74	68	85	96	86	------
19	60.90	60.96	62.10	60.73	61.36	61.99	61.34	26	25.8	29.4	29.7	26.5	25.6	27.2	30.6	25.2	84	85	73	71	86	92	81.8	2.5
20	61.01	61.16	62.49	60.38	61.13	61.76	61.32	25.4	25.9	25	27	26.9	26	26	28	24.5	90	87	88	84	82	89	86.7	16.7
21	60.26	60.46	61.36	59.28	59.98	60.71	60.34	25.7	25.5	26	27	26	24.7	25.8	28	24	93	95	92	88	92	97	92.8	43.6
22	59.37	60.04	61.13	59.03	59.76	60.28	59.94	23.7	23.4	28.5	26.8	25	23.4	25.1	29.5	23.3	94	98	81	89	96	97	92.5	8.9
23	60.13	60.50	61.76	59.96	61.13	62.54	61	22.7	22.3	27.6	29.4	26.4	25.4	25.6	30	22	97	97	80	78	89	88	88.2	4.5
24	61.54	61.57	62.73	60.53	61.16	62.74	61.71	25.7	26	26.6	28	26.3	23.6	26	29.3	22.8	88	90	87	83	82	95	87.5	4.3
25	61.70	62.69	63.68	61.48	61.88	63.34	62.46	21.6	21.1	29	30	25.5	23	25	30.2	21	96	95	71	68	88	96	85.7	------
26	62.68	63.16	63.92	61.96	62.48	63.46	62.94	21.4	19.9	28.6	29.5	26	25.8	25.2	30	19.9	96	97	66	64	76	83	80.3	------
27	62.63	63.62	64.31	62.01	62.07	63.06	62.95	25.8	25.9	27.7	25.8	26	25.7	26.2	28.6	24.4	79	77	72	90	80	77	79.2	2.5
28	61.95	62.97	63.98	61.61	61.82	63.11	62.57	25.2	25.4	28.5	29.5	26.3	26	26.8	30	23.5	77	77	64	61	70	69	69.7	------
29	61.62	62.32	62.89	60.30	60.26	60.98	61.40	26.1	25.9	29	29.5	26	25.5	27	30.2	25.4	69	72	58	61	72	80	68.7	------
30	60.33	60.81	62.04	60.21	60.74	61.75	60.98	24.6	21.8	28.7	28.6	26	23	25.4	30	21.8	79	93	68	66	76	91	78.8	------
31	61.20	62.06	63.03	60.96	61.41	62.38	61.84	22.1	21.6	27.8	29.4	25.6	23	24.9	29.9	21.2	94	95	72	62	79	96	83	------
Mean	60.81	61.29	62.22	60.16	60.76	61.72	61.16	24.8	24.4	27.8	28.4	26.2	25.3	26.2	29.5	23.6	88.8	90.5	79	77.2	84.2	88.5	84.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	273.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	ENE	Calm	ENE	ENE	ENE	ENE	41	38.9	63.4	63.6	206.9	4	Ci.	Cu. E	5	Ci.	Cu. E
2	ENE	ENE	ENE	ENE	ENE	ENE	48.3	63	66.6	44.8	222.7	9	Ci.	S.-Cu. E	4	Ci.	Cu. ENE
3	ENE	Calm	ENE	ENE	ENE	Calm	29.8	50.2	50.2	22.2	152.4	5	Ci.	Cu. ENE	5	Ci.	Cu. ENE
4	ENE	ENE	ENE	ENE	Calm	Calm	37	51.5	45.7	25.5	159.7	8	Ci.	Cu. ENE	4	Ci.	Cu. ENE
5	Calm	ENE	ENE	ENE	ENE	Calm	18.3	42	43	15.1	118.4	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
6	Calm	Calm	ENE	ENE	ENE	ENE	6.1	31.1	46.7	41.2	125.1	6	Ci.	Cu. ENE	5	Ci.	Cu. ENE
7	ENE	ENE	ENE	ENE	Calm	ENE	58.5	58.7	53.4	38.9	209.5	6	Ci.	Cu. ENE	8	Ci.	Cu. ENE
8	ENE	Calm	ENE	ENE	ENE	ENE	38.6	39.9	51.7	49.1	179.3	9	Ci.	S.-Cu.ENE	7	Ci.	S.-Cu.ENE
9	Calm	ENE	ENE	ENE	ENE	ENE	22	64.7	75.6	54.7	217	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu.ENE
10	ENE	ENE	ENE	ENE	ENE	ENE	43.3	57.7	57.9	64.7	223.6	3	Ci.	Cu. ENE	8	Ci.-S.	S.-Cu.ENE
11	ENE	ENE	ENE	ENE	ENE	ENE	50.5	65	58.5	50.2	224.2	6	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
12	ENE	ENE	ENE	ENE	ENE	ENE	39.2	55.3	44.5	45.1	184.1	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
13	ENE	ENE	ENE	ENE	ENE	ENE	38	50.1	53.3	50.2	191.6	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	Cu. ENE
14	Calm	Calm	E	ENE	Calm	ENE	10.5	23.9	-----	-----	-----	3	Ci.-Cu.	Cu.	2	Ci.	Cu.
15	Calm	Calm	ENE	ENE	ENE	ENE	17.7	20.9	54.7	36.5	129.8	10	Ci.-S.	Cu.	5	Ci.	Cu. ENE
16	ENE	ENE	Calm	ENE	ENE	Calm	81	27.6	52.9	37.8	199.3	10	Ci.-S.	N. ENE	10	Ci.-S.	S.-Cu.ENE
17	Calm	Calm	ENE	ENE	Calm	Calm	15.8	27.4	40.7	5.6	89.5	4	Ci.	Cu. E	3	Ci.	Cu. E
18	Calm	Calm	ENE	ENE	Calm	Calm	8	32.8	34.3	9.5	84.6	5	Ci.	Cu. E	2	Ci.	Cu. E
19	ENE	ENE	ENE	ENE	ENE	ENE	45.4	45.1	60.6	82.1	233.2	5	Ci.	Cu. E	6	Ci.	Cu. E
20	ENE	NE	NE	ENE	ENE	ENE	66.8	91.1	77	68.4	303.3	10	Ci.-S.	S.-Cu.ENE	6	Ci.	Cu. ENE
21	ENE	ENE	ENE	ENE	Calm	Calm	62.8	46.1	35.7	9.7	154.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. ENE
22	Calm	Calm	Calm	Calm	Calm	Calm	5.4	13.7	9.2	4	32.3	7	Ci.	Cu.	10	Ci.-S.	S.-Cu.ENE
23	Calm	Calm	Calm	ENE	ENE	ENE	7	17.7	31.7	77.2	133.6	10	Ci.-S.	Cu.	6	Ci.	Cu. ENE
24	Calm	ENE	ENE	ENE	Calm	Calm	40.2	57.1	57.4	9.1	163.8	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	Cu. ENE
25	Calm	Calm	ENE	ENE	Calm	Calm	7.7	25.4	34.9	5.3	73.3	2	Ci.	Cu.	3	Ci.	Cu. E
26	Calm	Calm	ENE	ENE	Calm	ENE	5.8	25.2	46.7	32.2	109.9	2	Ci.	Cu. E	2	Ci.	Cu. E
27	ENE	ENE	ENE	ENE	ENE	ENE	51.5	63.9	51.3	46.4	213.1	4	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
28	ENE	ENE	ENE	ENE	ENE	ENE	33.8	53.1	42.3	48.5	177.7	10	Ci.-S.	Cu. ENE	5	Ci.	Cu. ENE
29	NE	NE	ENE	ENE	ENE	ENE	54.7	58.9	51.3	34	198.9	6	Ci.	Cu. NE	3	Ci.	Cu. NE
30	ENE	Calm	ENE	ENE	ENE	Calm	19.1	35.6	46.1	12.9	113.7	7	Ci.	Cu. NE	4	Ci.	Cu. NE
31	Calm	Calm	ENE	ENE	Calm	Calm	10.2	31.2	41.3	5.3	88	5	Ci.	Cu. NE	6	Ci.	Cu. NE
Mean	------	------	------	------	------	------	32.7	44	49.3	36.3	163.8	6.8	------------	------------	6.2	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.92	65.06	65.63	62.98	64.29	65.55	64.74	19.2	18.9	27	29.9	25.1	21.7	23.6	30.8	18.1	90	92	63	57	72	85	76.5	------
2	64.40	65.01	65.40	62.81	64.07	65.36	64.51	19.2	18.4	28.1	30.6	26	22.7	24.2	32.5	17.9	90	96	63	57	65	82	75.5	------
3	64.81	64.91	65.89	64.09	65	66.13	65.14	21.4	19.8	28.1	28.5	25.5	23.6	24.5	29	19.1	87	90	56	44	62	70	68.2	------
4	64.86	64.89	65.91	63.46	64.12	65.68	64.82	22.4	20.9	27.1	28.8	25.4	22.1	24.4	30.6	20.1	79	84	58	51	66	77	69.2	------
5	65.04	65.14	65.73	62.43	63.29	64.73	64.39	21.2	20.9	27.6	31.4	26.2	23.6	25.2	31.9	20.1	85	86	63	49	64	77	70.7	------
6	63.74	64.69	65.20	62.35	63.26	65.32	64.09	21.6	20	27.2	31.6	28.1	25.6	25.7	33	19.4	91	91	64	51	64	79	73.3	------
7	64.18	65.06	65.65	62.70	63.94	65.29	64.47	23.4	19.6	27.4	30.6	26.2	23.3	25.1	31.7	19	88	95	59	46	65	77	71.7	0.3
8	64.74	65.64	66.71	64.93	66.29	68.07	66.06	22	21.5	25.5	26	23.6	20.6	23.2	26.9	19.4	88	92	72	60	68	75	75.8	------
9	66.99	67.62	68.71	66.06	66.98	67.73	67.35	19.5	16.4	24.4	27	22.6	19	21.5	28.5	14.7	80	83	53	48	62	78	67.3	------
10	66.73	67.11	67.59	65.23	65.53	66.52	66.45	17.2	15.4	24.9	27.8	23	19.8	21.4	28.4	14.6	84	90	59	49	62	78	70.3	------
11	65.28	65.62	66.33	63.47	63.78	64.41	64.82	17.8	15	24.3	28.6	24.4	20.6	21.8	29.1	14.4	82	93	54	48	62	81	70	------
12	63.66	63.76	64.26	62.26	62.77	63.79	63.42	18.5	19	25.4	28.6	25.5	21.3	23	29.3	17.2	85	87	63	56	66	82	73.2	------
13	62.76	63.23	63.63	61.61	62.22	63.13	62.76	18.9	17.8	25.9	31.4	26.3	22.6	23.8	31.5	17.3	89	93	69	53	67	82	75.5	------
14	62.01	63.26	63.74	61.30	62.37	63.24	62.65	20.6	18.6	26	32	26.9	23.5	24.6	32.8	17.5	91	90	63	41	63	78	71	------
15	62.61	63.95	63.75	61.86	62.74	63.78	63.12	20.4	19.2	28.4	30.5	25.6	23.5	24.6	31.2	18.5	91	93	56	49	69	80	73	------
16	62.92	63.87	64.39	62.86	63.81	64.29	63.69	21.5	21.1	27.4	27.6	25	22.3	24.2	30.9	20	91	91	69	63	65	81	76.7	------
17	63.64	64	65.05	62.38	63.29	64.38	63.79	20	19.5	25.9	29	25.2	22.5	23.7	29.5	18.8	91	91	67	55	64	75	73.8	------
18	63.46	64.36	64.49	61.42	62.23	63.51	63.24	19.8	17.5	27	31.6	26.2	23	24.2	31.6	16.7	89	94	60	47	57	74	70.2	------
19	62.41	62.83	62.98	59.97	61.13	62.79	62.02	20.5	18.7	25.7	31.7	26.6	23.8	24.5	32.1	17.8	91	91	65	38	60	75	70	------
20	61.79	62.46	62.83	59.66	60.75	62.09	61.60	21.4	19	26.6	31.7	26.6	24.2	24.9	32.5	18	87	89	63	45	55	70	68.2	------
21	61.49	61.77	62.50	60.08	60.93	62.68	61.58	21.2	19.1	28.8	31.4	25.9	23.1	24.9	32.1	18.2	89	90	56	49	66	79	71.5	------
22	61.70	62.76	63.32	60.93	61.45	63	62.19	21.1	19	27.1	30.5	26.3	23.2	24.5	31.1	18.1	90	90	62	53	62	81	73	------
23	62.42	62.69	63.40	61.43	62.43	64.04	62.74	21.6	21.6	27	29.4	25.2	23.3	24.7	29.7	20.8	91	89	63	52	63	73	71.8	------
24	62.91	63.12	63.84	61.11	61.47	62.68	62.52	21.4	19.4	27.4	30	25.2	24.2	24.6	30.4	18.4	87	86	57	53	66	71	70	------
25	61.70	62.15	62.83	60.61	61.34	62.73	61.89	20.9	20.2	27.9	29.6	25	22	24.3	30.9	19.5	90	89	56	49	65	74	70.5	------
26	61.91	62.21	62.97	61.27	62.07	63.64	62.34	20.2	18.5	26.9	30.7	25.5	21,2	23.8	31.4	17.4	81	90	56	47	65	85	70.7	------
27	63.23	63.27	63.48	60.97	61.64	63.11	62.62	19.4	18.2	26.4	32.3	26.1	24.2	24.4	32.6	17.5	87	91	58	43	61	70	68.3	------
28	62.34	62.79	62.95	60.62	60.69	61.83	61.87	22.2	19.8	26.5	29.6	25.6	23	24.4	30.4	19	81	88	61	52	61	75	69.7	------
29	61.56	62.01	62.54	60.43	60.48	61.95	61.50	20.5	18.5	27.9	30.2	26.6	23.9	24.6	31.4	18	91	91	60	52	62	75	71.8	------
30	61.40	61.87	62.20	60.26	60.95	62.22	61.48	21.6	21.3	28	30.7	26.9	24.5	25.5	31.9	20.6	89	89	63	50	64	73	71.3	------
31	61.55	62.24	62.83	60.34	60.88	61.85	61.62	23	23.7	28.1	29.6	26.5	24.1	25.8	30.5	22.4	83	82	62	57	66	79	71.5	------
Mean	63.33	63.85	64.41	62	62.78	64.05	63.40	20.6	19.2	26.8	30	25.6	22.8	24.2	30.8	18.3	87.4	89.9	61.1	50.5	63.8	77.1	71.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	ENE	2	E	2	Calm	----	2	Ci.	S.-Cu.	3	Ci.	Fr.-Cu.NE
2	Calm	----	Calm	----	NE	3	E	3	E	4	E	1	2	Ci.	S.-Cu.	5	A.-Cu.	Fr.-Cu. E
3	Calm	----	Calm	----	NE	3	NE	4	NE	4	NE	2	2	Ci.	S.-Cu. E	7	A.-Cu.	Cu.-N. E
4	Calm	----	Calm	----	NE	1	ESE	5	ESE	4	E	1	5	A.-Cu.	Cu.-N. E	2	A.-Cu.	Cu.-N. E
5	N	1	N	1	E	3	E	3	ESE	3	E	2	6	A.-Cu.	S.-Cu. E	6	A.-Cu.	Fr.-Cu. E
6	N	1	Calm	----	E	2	E	2	ESE	2	N	3	3	A.-Cu.	Cu. E	5	A.-Cu.	Cu.-N. E
7	N	2	N	2	NE	3	NE	2	NE	1	N	2	1	Ci.	Cu.	3	A.-Cu.	Cu. NE
8	NE	2	Calm	----	SE	1	NE	3	NE	3	NE	3	6	Ci.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
9	NE	2	NE	1	NE	2	E	5	E	4	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. ENE
10	N	1	NNW	2	NE	2	E	5	E	3	E	1	2	A.-Cu.	Cu.	4	A.-Cu.	Cu. E
11	N	1	NW	1	N	1	E	2	E	3	E	2	0	------------	Cu.	4	A.-Cu.	Cu. E
12	N	1	NE	1	E	3	ESE	5	ESE	3	Calm	----	8	Ci.-S.	Cu.-N. ENE	5	A.-Cu.	Cu.-N. E
13	N	2	N	2	NE	1	NE	2	E	3	N	2	5	A.-Cu.	Cu. NE	7	A.-Cu.	Cu.-N.ENE
14	N	1	N	1	N	2	N	3	NE	1	N	2	5	Ci.	Cu. E	4	A.-Cu.	Cu. NE
15	Calm	----	Calm	----	NE	3	E	4	E	4	E	1	1	Ci.	Cu.	3	A.-Cu.	Cu. NE
16	Calm	----	Calm	----	NE	2	E	5	E	4	E	3	4	A.-Cu.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
17	Calm	----	Calm	----	N	3	E	6	E	5	E	2	3	Ci.	S.-Cu. E	6	A.-Cu.	Cu.-N. E
18	N	1	Calm	----	NE	2	E	4	E	2	Calm	----	3	Ci.	Cu. E	3	A.-Cu.	Cu. E
19	Calm	----	Calm	----	N	2	SE	2	SE	3	NE	2	2	Ci.	Cu.	3	A.-Cu.	Cu. E
20	N	1	N	1	NE	2	NE	2	NE	2	NE	1	7	Ci.	Cu. E	3	A.-Cu.	Cu. NE
21	Calm	----	Calm	----	NE	2	E	3	E	5	E	1	2	Ci.	Cu.	4	A.-Cu.	Cu. E
22	Calm	----	NE	1	NE	2	NE	2	E	5	E	2	6	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
23	Calm	----	Calm	----	E	2	E	3	E	2	E	1	5	Ci.	Cu.-N. E	8	Ci.	Cu.-N. E
24	N	1	Calm	----	E	2	E	4	E	3	E	1	2	Ci.	Cu.	5	A.-Cu.	Cu. ESE
25	Calm	----	Calm	----	E	4	E	5	ESE	3	E	1	8	A.-Cu.	Cu.-N. NE	6	A.-Cu.	Cu. E
26	NW	1	N	1	N	2	ESE	4	ESE	4	ESE	1	4	Ci.	Cu. E	4	Ci. SE	Cu. E
27	N	1	N	1	N	2	E	3	E	4	E	1	5	Ci.	S.	4	A.-Cu.	Cu. NE
28	Calm	----	Calm	----	N	2	ESE	4	ESE	3	NE	1	5	A.-Cu.	Cu. E	5	Ci.	Cu. NE
29	Calm	----	Calm	----	E	3	E	4	E	2	N	2	2	Ci.	S.	6	A.-Cu.ESE	Cu. E
30	Calm	----	Calm	----	E	2	E	5	E	4	Calm	----	7	Ci.	S.-Cu. E	5	A.-Cu.ESE	Cu. E
31	Calm	----	Calm	----	E	4	SE	4	SE	3	Calm	----	10	Ci.-S.	Cu.-N. E	7	A.-Cu. E	Cu.-N. ESE
Mean	-------	0.6	-------	0.5	-------	2.2	-------	3.5	-------	3.2	-------	1.3	4.1	------------	------------	5	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	61.36	61.69	62.44	59.63	60.03	61.62	61.13	22.8	22.4	28.2	30.6	27.5	25	26.1	31.9	22	84	84	60	52	61	71	68.7	------
2	60.98	61.31	62.14	60.16	60.31	62.24	61.19	22.7	20.9	27.9	29.2	27.1	23.5	25.2	31	20.2	85	91	64	59	62	76	72.8	------
3	61.79	62.17	63	60.36	61.09	62.48	61.82	21	20.4	27.6	30.7	26.5	22.5	24.8	30.9	18.8	89	91	63	54	64	81	73.7	------
4	61.89	61.87	62.73	60.53	61.02	62.23	61.71	21.6	22.1	25.9	29.5	26.6	25	25.1	30.9	21	91	86	74	58	68	73	75	------
5	61.44	61.68	62.92	60.72	60.83	62.23	61.64	23	23.6	27.8	30.6	26.5	23.1	25.8	31.6	21.3	86	86	62	53	66	78	71.8	------
6	61.47	62.32	63.27	60.56	60.67	62.37	61.78	20.1	18.8	27.9	32.5	27.2	25.4	25.3	33	18.3	91	94	60	40	60	69	69	------
7	61.50	61.76	62.37	60.18	60.59	61.71	61.35	23.2	21.5	27.8	30.1	24.9	22.6	25	31.1	20.7	81	87	60	52	69	79	71.3	------
8	61.67	62.17	63.09	60.63	61.31	62.62	61.92	20.4	18.9	27.1	30.5	28	25.1	25	31.7	18.2	89	90	63	50	62	67	70.2	------
9	61.86	62.74	63.83	61.23	61.48	63.53	62.44	22.6	21.6	27.5	31.6	27.1	24.6	25.8	33.1	20.7	89	87	57	45	59	71	63	------
10	62.61	62.86	63.55	61.44	61.65	63.19	62.55	22.1	20.1	27.4	29.4	25.8	24.4	24.9	29.9	19.4	87	88	56	52	63	68	69	------
11	62.75	63.27	64.10	61.77	61.97	63.93	62.96	21.8	20	26.7	31.6	26.5	24.5	25.2	82.2	19.4	84	91	61	49	62	73	70	------
12	63.24	63.69	64.50	62.28	62.55	64.63	63.48	21.2	19.2	27.7	30.5	26.1	24.5	24.9	32.4	18.7	89	94	55	43	61	68	68.3	------
13	63.70	64.07	64.90	62.52	63.18	64.51	63.81	21.6	19.2	26.9	31	24.6	22.8	24.4	31.3	19	86	89	53	46	65	74	68.8	------
14	63.96	64.37	64.95	63.04	63.55	64.63	64.08	22	21.5	26	27.2	25	23.2	24.2	27.7	20.7	79	82	61	61	64	71	69.7	0.3
15	63.79	63.65	64.99	62.94	62.99	63.81	63.70	22	22.2	25.1	27.4	24.7	21.5	23.8	27.7	19.4	78	77	65	58	62	78	69.7	------
16	63	63.57	64.70	62.32	62.67	63.84	63.35	18.9	17.3	26.2	30.1	25.5	23	23.5	31.1	16.4	87	92	62	48	56	70	69.2	------
17	63.25	63.56	64.69	62.12	62.29	63.20	63.18	19	17.6	26.1	30.6	26.6	24.8	24.1	30.9	16.7	83	89	65	52	62	69	70	------
18	61.90	62.95	64.34	61.82	61.84	63.36	62.70	22	19.2	27.4	31.4	27.2	22.3	24.9	32.1	18.4	82	92	58	46	50	74	67	------
19	62.59	63.20	63.80	61.67	61.87	63.16	62.72	19	17.5	27.8	31.9	27.6	22.9	24.4	32.5	16.5	90	90	55	41	47	70	65.5	------
20	61.86	62.62	63.83	60.95	61.27	62.46	62.16	20.3	17.9	27.6	32	27.9	23.4	24.8	32.9	17.2	88	91	59	42	52	69	66.8	------
21	61.66	62.06	62.95	60.80	61.18	62.64	61.88	20.2	18	25.5	30.2	27	23.7	24.1	31.9	17.4	81	90	68	48	56	76	69.8	------
22	61.49	61.56	62.07	59.67	59.97	62.15	61.15	22.7	19.6	28.4	31.9	29.2	23.5	25.9	33.6	18.5	82	89	53	41	47	68	63.3	------
23	61.50	62.40	63.42	60.56	60.52	62.32	61.79	20.8	18.9	26.7	33	29.4	24	25.5	33.7	18	83	90	64	39	50	78	67.3	------
24	61.69	61.72	62.92	60.35	60.38	62.22	61.55	22.1	19	27.8	33	29.5	25.2	26.1	34.1	18.4	83	94	61	41	54	70	67.2	------
25	61.46	62.15	62.95	59.87	60.06	62.23	61.45	22.5	20.1	27.5	33.8	28	24.1	26	34.5	19.7	87	90	62	34	59	75	67.8	------
26	61.86	62.36	64.15	62.05	62.47	63.78	62.78	23	20	25.1	27.8	25.1	24.4	24.2	28.5	19.3	83	91	75	65	75	75	77.3	------
27	62.54	63.25	64.95	62.54	62.35	63.74	63.23	22.5	22	24.6	29.8	26.2	24	24.8	30.4	21	87	86	81	56	65	74	74.8	.3
28	63.20	63.87	64.67	62.17	62.51	64.04	63.41	21.3	18.8	28.7	32.4	27.5	23.8	25.4	32.8	18	88	93	58	42	54	72	67.8	------
Mean	62.21	62.67	63.65	61.25	61.52	63.03	62.39	21.5	19.9	27	30.7	26.8	23.8	25	31.6	19	85.4	89.1	62	48.8	59.8	72.8	69.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	NE	2	SE	3	SE	4	NE	2	8	Ci.	S.-Cu. E	6	A.-Cu.	Cu.-N. SE
2	Calm	----	Calm	----	NE	1	E	2	E	3	E	1	3	Ci.	Cu.	6	A.-Cu.	Cu. E
3	Calm	----	Calm	----	N	2	N	2	E	3	N	1	2	Ci.	Cu. NE	7	A.-Cu.	Cu.-N. E
4	Calm	----	Calm	----	N	1	ESE	6	ESE	5	ESE	4	9	Ci.	Cu.-N. ENE	7	A.-Cu.	Cu.-N. E
5	NE	1	NE	2	NE	3	NE	3	NE	2	NE	1	10	Ci.-S.	Cu.-N. E	6	A.-Cu. ESE	Cu.-N. E
6	N	1	N	1	E	2	E	2	E	3	E	2	1	----------	Cu.	3	Ci.	Cu. E
7	NE	1	Calm	----	E	2	E	3	E	4	E	1	3	Ci.	Cu. E	6	A.-Cu. ESE	Cu.-N. E
8	N	1	N	1	NE	2	NE	2	NW	3	NW	2	6	Ci.	Cu.	7	Ci.	Cu. ENE
9	Calm	----	Calm	----	N	2	E	2	E	3	E	2	7	Ci.	Cu. NE	5	Ci.	Cu. NE
10	Calm	----	Calm	----	N	2	N	1	E	4	E	1	3	Ci.	Cu. E	9	A.-Cu.	S.-Cu. E
11	Calm	----	Calm	----	E	3	E	2	E	2	NW	1	7	A.-Cu. ESE	Cu. E	5	Ci.	Cu. NE
12	N	2	N	1	N	4	NE	2	E	2	E	3	2	Ci.	Cu. NE	7	A.-Cu.	Cu. NE
13	N	1	Calm	----	N	2	E	4	E	6	E	3	1	Ci.	----------	4	A.-Cu.	Cu. E
14	Calm	----	Calm	----	NE	1	NE	1	E	2	NE	3	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
15	NE	2	NE	1	E	3	E	4	E	4	Calm	----	6	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. ESE
16	Calm	----	NW	1	E	3	E	5	E	3	Calm	----	2	----------	S.	4	A.-Cu.	Cu. E
17	NW	1	NW	2	N	2	E	4	E	2	E	2	8	Ci.-S.	Cu.-N. ENE	5	A.-Cu.	Cu. E
18	Calm	----	Calm	----	E	2	E	3	E	4	E	1	4	Ci.	Cu. ENE	4	A.-Cu.	Cu. E
19	Calm	----	NE	1	NE	1	E	3	E	3	Calm	----	1	Ci.	S.	4	A.-Cu.	Cu. E
20	Calm	----	Calm	----	NE	2	SE	2	SE	3	Calm	----	1	----------	Cu.	4	A.-Cu.	Cu. E
21	Calm	----	Calm	----	E	1	E	3	E	2	Calm	----	1	Ci.	Cu.	5	A.-Cu.	Cu. E
22	Calm	----	Calm	----	E	2	E	1	E	2	NE	1	1	Ci.	----------	2	A.-Cu.	Cu.
23	Calm	----	Calm	----	E	1	S	2	N	2	N	3	2	Ci.	Cu.	2	A.-Cu.	Cu. SW
24	N	1	N	1	NE	2	S	3	Calm	----	Calm	----	2	Ci.	S.	4	A.-Cu.	Cu. SE
25	Calm	----	Calm	----	N	3	SE	2	SE	2	N	2	3	A.-Cu.	Cu. NE	3	A.-Cu.	Cu. NE
26	N	1	Calm	----	E	1	E	1	E	2	E	3	5	Ci.	Cu. E	10	Ci.-S.	Cu.-N. E
27	NE	1	NE	1	E	3	E	5	E	4	E	3	7	Ci.	Cu.-N. E	5	A.-Cu.	Cu. E
28	Calm	----	Calm	----	NE	4	NE	4	NE	2	N	2	2	Ci.	Cu.	4	A.-Cu.	Cu. E
Mean	-------	0.5	-------	0.5	-------	2.1	-------	2.8	-------	2.9	-------	1.6	4.2	----------	----------	5.4	----------	----------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.41	63.93	64.54	62.06	62.19	64.47	63.43	20.7	19.4	29	33	28.7	25.8	26.1	33.2	18.5	84	90	59	48	62	74	69.5	----
2	63.20	63.86	64.52	62	62.52	64.33	63.40	23.4	21.8	29.2	32.5	27.4	25.8	26.7	34.2	21.4	88	94	64	52	64	70	72	----
3	62.90	63.20	63.76	61.87	61.39	62.36	62.58	23.9	20.9	29.6	31.5	26.6	23.7	26	32.2	20	76	88	53	46	65	77	67.5	----
4	61.18	61.73	62.27	59.10	59.13	60.92	60.72	19.7	18.8	29.3	34.8	29	25.4	26.2	35.8	18	90	92	57	45	60	72	69.3	----
5	59.76	59.89	60.51	57.81	58.49	59.75	59.37	24	21.2	30.9	33.5	28.6	26.4	27.4	34.4	20.8	75	90	61	51	66	76	69.8	----
6	58.61	59.21	60.29	57.20	57.45	59.42	58.70	25.5	24.5	29.4	33.6	32.5	27.5	28.8	35.5	23.7	81	87	60	54	52	74	68	----
7	58.46	59.21	60.07	57.07	57.64	60.68	58.86	25.7	23.8	32.1	36.2	30.7	26.6	29.2	37	23.4	82	89	57	42	61	84	69.2	----
8	59.34	59.67	60.47	58.20	58.39	60.19	59.38	25	23.6	31.2	33.4	28.6	26.7	28.1	34.6	23.1	92	94	51	51	66	76	71.7	----
9	59.24	59.49	60.62	58.15	58.24	60.46	59.37	24.2	22.2	31.7	35	30.2	25.8	28.2	35.1	21.5	82	90	50	39	54	72	64.5	----
10	59.71	60.07	61.41	58.73	58.52	60.16	59.77	23.8	22.1	31	34.1	29.4	25.4	27.6	35.5	21.4	83	85	55	42	53	70	64.7	----
11	59.26	59.89	60.76	57.93	58.06	60.36	59.38	22.6	20.5	29.8	35.4	30.8	25.2	27.4	36.6	19.8	86	86	55	37	47	65	62.7	----
12	59.63	60.52	61.49	59.10	58.68	61.19	60.10	23.2	21	30	34.9	32.6	27.4	28.2	36.8	20.4	73	78	53	37	41	74	59.3	----
13	60.06	60.94	62.26	59.56	59.11	61.83	60.63	24.2	21.2	30	35.5	32	27.5	28.4	36.8	20.6	90	87	57	33	41	73	63.5	----
14	60.81	61.64	62.56	59.80	60.22	62.77	61.30	23.8	21.6	31	34.6	30.6	27	28.1	35.8	21.3	85	89	57	42	47	60	63.3	----
15	61.52	62.64	63.79	61.85	61.29	62.41	62.25	25.2	23.2	27.6	26.5	27.4	24.6	25.8	29.1	22.8	78	83	64	81	71	79	76	1
16	61.44	61.71	62.74	60.91	60.94	63.03	61.80	24	21.6	29.7	31.4	27.5	26	26.7	33.5	21	83	89	60	50	61	67	68.3	----
17	62.09	63.11	64.12	61.99	62.39	64.29	63	22.6	21	30.1	33.6	28.5	24.4	26.7	34.5	20.4	82	86	56	47	59	77	67.8	----
18	63.62	64.50	65.16	62.79	63.08	64.64	63.96	21.8	20.7	31	33.7	29.1	25.4	27	34.4	19.8	86	92	57	46	56	70	67.8	----
19	63.60	64.30	64.30	61.46	61.28	62.64	62.93	22.5	20.9	31	33.5	29.4	25.6	27.2	35	20.2	87	88	54	45	56	74	67.3	----
20	61.19	61.83	62.73	59	58.56	60.66	60.66	24.4	23	30.4	34.8	32.4	27.3	28.7	35.9	22	80	83	56	41	46	66	62	----
21	59.80	60.27	61.43	58.58	58.10	60.56	59.79	24.5	22.5	30.8	35.4	31.6	26.1	28.5	36.2	21.8	79	87	55	38	46	64	61.5	----
22	59.76	60.60	61.65	58.73	58.74	60.98	60.08	22.8	20.5	31.3	35.1	30.5	26.4	27.8	35.7	20.1	84	82	47	32	53	66	60.7	----
23	59.93	60.47	61.48	58.73	58.89	60.89	60.06	24	21.6	32.3	35.4	30.1	24.1	27.9	36	21	78	88	51	34	46	70	61.2	----
24	59.93	61.24	62.08	59.28	59.22	61.19	60.49	22.5	19.5	32.5	35.4	29.8	26.1	27.6	36.6	18.8	78	86	48	38	54	68	62	----
25	60.16	61.23	62.58	60.09	59.61	61.05	60.79	24.6	22.4	29.9	33.2	29.3	25	27.4	34.7	21.6	75	84	54	41	47	64	60.8	----
26	60.49	60.99	61.87	59.74	59.64	61.77	60.75	22.2	19.2	31.3	33.5	28.5	26.1	26.8	34.7	18.8	81	87	46	33	49	66	60.3	----
27	61.19	61.91	62.52	59.78	60	61.72	61.19	21.8	18.9	30	33.1	27.6	25.9	26.2	34.6	18.3	80	85	41	32	53	65	59.3	----
28	61.16	61.85	62.82	60.20	60.34	62.35	61.45	22.2	20.6	29.6	34.5	29.4	26.3	27.1	35	20.4	74	83	48	35	50	70	60	----
29	61.84	62.16	62.75	59.89	59.50	61.49	61.27	23.5	21.5	31.6	34.2	30	26.6	27.9	35.1	21	83	84	52	45	50	64	63	----
30	60.96	61.21	61.83	58.68	58.20	60.34	60.20	24.2	22.3	30.2	36.6	32.6	28.1	29	37.6	21.6	74	83	55	37	44	65	59.7	----
31	59.34	59.71	60.32	57.22	57.27	59.39	58.88	24.7	22.6	31	36.7	31.8	26.4	28.9	37.1	22.1	78	80	53	33	42	62	58	----
Mean	60.76	61.39	62.25	59.60	59.58	61.56	60.86	23.5	21.4	30.5	34	29.8	26	27.5	35.1	20.8	81.5	86.7	54.4	42.8	53.6	70.1	64.9	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	N	1	NE	2	SE	2	E	3	N	2	2	Ci.	Cu.	7	A.-Cu.	Cu. SE
2	Calm	----	Calm	----	E	3	E	4	E	3	E	3	5	Ci.	Cu.-N. ESE	5	A.-Cu.	Cu.-N. E
3	N	1	N	1	NE	4	E	5	E	4	N	2	1	Ci.	Cu.	3	Ci.	Cu. E
4	N	2	N	2	N	2	SE	2	SE	4	N	1	0		Cu.	5	A.-Cu.	Cu. E
5	N	1	N	1	E	3	E	4	ESE	6	Calm	----	7	A.-Cu.	Cu. E	5	A.-Cu.	Cu. E
6	Calm	----	Calm	----	E	1	S	2	SSW	3	Calm	----	8	A.-Cu.	Cu. E	7	A.-Cu.	Cu.-N. ESE
7	Calm	----	Calm	----	ENE	3	ENE	2	NW	3	NW	2	9	Ci.-S.	Cu-N. E	4	A.-Cu.	Cu.-N. E
8	Calm	----	Calm	----	ESE	4	ESE	3	ESE	5	Calm	----	2	Ci.	Cu.	4	A.-Cu. E	Cu. ESE
9	Calm	----	Calm	----	E	4	ESE	3	ESE	4	N	1	1		S.	1	A.-Cu.	Cu. E
10	N	1	Calm	----	ESE	3	ESE	3	ESE	4	N	1	1	Ci.	Cu.	3	A.-Cu.	Cu. E
11	Calm	----	Calm	----	NE	2	NE	2	ESE	3	NE	1	2	Ci.	Cu. E	3	A.-Cu.	Cu. E
12	N	1	Calm	----	ENE	2	ENE	2	ENE	3	NE	1	0		S.	4	A.-Cu.	Cu. E
13	Calm	----	N	1	N	2	N	3	N	3	NW	1	1	Ci.	Cu.	2	A.-Cu.	Cu.
14	N	1	N	2	N	3	N	2	E	2	Calm	----	4	Ci.	Cu.	6	A.-Cu.	Cu. NE
15	Calm	----	Calm	----	E	1	SE	1	SE	2	Calm	----	6	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.-N. NE
16	Calm	----	Calm	----	E	3	E	6	E	4	E	3	5	Ci.	S.-Cu. NE	5	A.-Cu.	Cu. E
17	N	1	N	2	N	2	ESE	5	ESE	5	N	1	2	Ci.	Cu.	5	A.-Cu. ENE	Cu. E
18	N	1	N	1	E	4	E	5	E	4	Calm	----	1	Ci.	Cu.	5	A.-Cu. ENE	Cu. E
19	Calm	----	Calm	----	E	3	ESE	6	ESE	4	E	2	3	Ci.	S.-Cu. E	4	A.-Cu.	Cu. E
20	Calm	----	NE	1	E	3	S	3	S	2	NW	3	9	Ci.-S.	Cu.-N. E	6	A.-Cu.	Cu. E
21	Calm	----	Calm	----	NE	3	SE	3	NE	3	Calm	----	4	Ci.	Cu.	5	A.-Cu.	Cu. ESE
22	Calm	----	Calm	----	NE	3	NE	3	NE	2	NE	2	4	Ci.	Cu. E	4	A.-Cu.	Cu. E
23	Calm	----	N	1	E	2	E	3	E	4	N	2	2	Ci.	Cu.	3	A.-Cu.	Cu. E
24	Calm	----	NE	1	E	3	E	4	E	2	NE	2	0			5	A.-Cu.	Cu. E
25	Calm	----	Calm	----	E	3	E	3	ESE	4	E	2	6	Ci.	Cu.-N. ESE	5	A.-Cu.	Cu. E
26	NW	1	Calm	----	E	4	ESE	5	ESE	4	ESE	3	2	Ci.	S.-Cu.	2	A.-Cu.	Cu. E
27	N	1	NW	1	ESE	2	ESE	6	ESE	3	E	4	4	Ci.	S.	1		Cu.
28	N	1	Calm	----	NE	2	ESE	4	ESE	5	ESE	1	5	A.-Cu.	Cu. E	1	A.-Cu.	Cu. E
29	Calm	----	Calm	----	ESE	4	ESE	3	ESE	4	ENE	2	2	Ci.	Cu.	3	A.-Cu.	Cu. ESE
30	Calm	----	Calm	----	E	1	N	2	SSE	3	SE	2	5	Ci.	Cu. NE	3	A.-Cu.	Cu. NE
31	Calm	----	Calm	----	NE	1	S	3	S	1	Calm	----	5	A.-Cu.	Cu. NE	3	A.-Cu.	Cu. E
Mean	-------	0.4	-------	0.5	-------	2.6	-------	3.4	-------	3.4	-------	1.4	3.5	-------	-------	4.1	-------	-------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.
1	58.96	59.97	60.81	58.22	58.46	60.26	59.45	24	21.6	31.4	35.1	30.1	25.2	27.9	36.6	21.1
2	59.68	60.71	61.26	58.83	59.16	61.40	60.17	24.2	21.1	31.6	35.4	31.2	26.5	28.3	36.6	20.4
3	60.08	60.79	62.10	59.24	59.45	61.53	60.53	23.8	20.6	32.5	36.5	32	28	28.9	37.4	20.1
4	59.89	60.81	61.62	59	59.31	61.54	60.36	24.7	23.4	30.7	35.7	31.3	28.3	29	36.3	22.9
5	60.08	60.99	61.62	58.92	60.59	61.22	60.57	25.5	23.6	32	35.9	28.4	25.5	28.5	36.6	23
6	59.96	60.15	61.47	58.39	59.26	61.37	60.10	24.8	23.9	30.8	34.7	28.5	24.4	27.8	36	23
7	59.93	60.60	61.38	58.07	59.06	61.12	60.03	23.4	23.4	30.1	35.1	30.5	26.7	28.2	36	22.8
8	60.07	61.09	61.71	59.01	60.48	62.47	60.80	25.1	24.1	32	36.4	29.5	25.5	28.8	36.7	23.5
9	60.99	62.07	63.17	60.91	60.94	63.53	61.94	24.8	24.6	31.4	33.5	28	26.6	28.2	34.9	24
10	62.10	62.33	63.41	60.68	60.87	62.39	61.96	23.6	22.2	31.4	35	28.6	25.6	27.7	35.7	21.6
11	60.95	61.32	61.60	58.75	58.48	60.39	60.25	26.2	24.2	31.5	35	30	24.6	28.6	35.9	23.8
12	59.21	60.08	60.81	58.46	59.21	60.43	59.70	23.4	23.1	31	33.5	27.6	25.4	27.3	35.4	22.6
13	59.66	60.06	60.77	58.28	58.46	61.14	59.73	24.2	22.6	30.6	36	30.9	26	28.4	37.1	22.2
14	60.02	60.70	61.33	59.03	59.55	61.34	60.33	24.8	24.5	29.5	34.5	31.4	26.8	28.6	35.6	23.6
15	60.84	61.33	62.25	59.65	60.20	62.63	61.15	25.8	24.5	31.8	35.2	27.3	24.1	28.1	36.3	23.4
16	61.32	61.55	61.78	58.75	58.49	60.51	60.40	24.8	24.4	30	35	31	27.6	28.8	35.5	23.6
17	59.86	60.51	60.80	57.62	57.71	60.42	59.49	25.2	25	31	34.5	32.2	28.1	29.3	35.5	24.3
18	59.33	59.92	60.98	58.51	59.22	61.19	59.86	25.2	25	29.4	33	29.6	27.1	28.2	33.4	24.2
19	59.69	60.75	61.55	59.20	59.78	61.12	60.35	25.4	24.9	31.8	33.4	30.2	27.2	28.8	34.2	24
20	60.93	62.10	62.70	60.14	61.28	62.91	61.68	24.8	23	32	36.2	29.7	27.8	28.9	36.7	22.5
21	61.94	62.54	63.02	60.69	60.75	62.96	61.98	25.8	25	33.3	34.8	30.8	28.6	29.7	34.9	24.4
22	61.04	61.03	61.72	59.43	59.54	61.37	60.69	26.5	25.1	33.3	35.2	31	26.5	29.6	36	24.5
23	60.06	60.39	61.23	58.34	59.08	60.92	60	25.3	24.6	32.8	35.1	27.5	25.6	28.5	37	24.1
24	59.79	60.03	61	58.46	59.01	61.02	59.88	24.6	24.2	32	36.5	30.6	28.2	29.4	37.1	23.8
25	59.84	60.34	61.23	58.35	59.37	60.86	60	25.8	24.1	31.6	37.2	29.4	28.4	29.4	37.5	23.5
26	60.29	60.92	61.59	59.11	58.76	60.53	60.20	26.2	24.1	33.5	36.2	30.6	27.8	29.7	36.4	23.6
27	60.61	60.77	61.30	58.67	58.10	60.47	59.99	24.6	23	32.7	36.2	33.5	28.2	29.7	37.7	22.5
28	60.01	60.34	59.95	57.33	58.11	59.96	59.28	25.7	24.5	32.8	36.5	32.7	28	30	37.4	23.9
29	59.15	59.09	59.32	57.77	58.11	59.54	58.83	26.2	25	32.5	35.6	30.6	28	29.6	36.8	24.5
30	58.81	59.83	60.47	58.58	58.45	60.61	59.46	25.4	24	33	36	30.6	27.2	29.4	36.7	23.5
Mean	60.17	60.77	61.46	58.88	59.31	61.24	60.31	25	23.8	31.7	35.3	30.2	26.8	28.8	36.2	23.2
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	75	86	48	37	52	70	61.3	-----
2	78	90	46	37	39	57	57.8	-----
3	69	82	48	38	52	67	59.3	-----
4	86	88	64	40	58	71	67.8	-----
5	80	89	53	47	71	84	70.7	-----
6	83	89	64	53	68	96	75.5	2.8
7	97	97	68	49	66	86	77.2	-----
8	95	95	58	46	63	80	72.8	.5
9	87	94	60	50	67	71	71.5	-----
10	85	88	55	44	62	81	69.2	.3
11	81	91	57	47	60	95	71.8	1.3
12	96	97	64	54	83	92	81	3
13	98	98	65	42	66	91	76.7	11.4
14	93	96	75	53	66	86	78.2	3
15	92	94	65	49	86	97	80.5	66.9
16	97	98	69	49	69	84	77.7	-----
17	95	96	67	47	62	79	74.3	-----
18	95	96	70	57	64	81	77.2	-----
19	92	92	63	53	64	73	72.8	-----
20	85	96	58	50	67	78	72.3	-----
21	89	92	59	55	67	66	71.3	-----
22	80	87	54	47	59	80	67.8	-----
23	89	91	63	52	87	90	78.7	11.2
24	97	98	69	50	65	74	75.5	-----
25	85	95	62	45	71	75	72.2	-----
26	86	95	58	46	62	71	69.7	-----
27	84	95	60	48	54	76	69.5	-----
28	86	92	58	45	52	74	67.8	-----
29	82	89	56	44	58	68	66.2	-----
30	80	87	56	39	59	72	65.5	-----
Mean	87.2	92.4	60.4	47.1	64	78.8	71.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	100.4

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	Calm	----	Calm	----	E	3	SE	4	E	4	E	1	1	Ci.	Cu.	1	A.-Cu.	Cu.
2	Calm	----	Calm	----	NE	2	SE	2	NE	1	NE	1	1	------------	Cu.	1	A.-Cu.	Cu. SE
3	Calm	----	Calm	----	E	2	E	2	E	3	NE	2	0	------------	------------	2	A.-Cu.	Cu. E
4	Calm	----	N	1	NE	4	NE	4	SE	2	Calm	----	2	Ci.	Cu. E	5	Ci.	Cu.-N. E
5	Calm	----	N	1	N	1	E	3	N	4	N	2	5	Ci.	Cu.-N.	5	Ci.-S.	Cu.-N. NE
6	Calm	----	Calm	----	E	2	NE	5	NE	1	NW	2	5	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. E
7	N	1	N	1	N	1	SE	2	N	3	N	4	8	Ci.-S.	Cu.-N. NNW	6	A.-Cu.	Cu.-N. E
8	N	2	N	1	SE	3	SE	3	SE	2	WNW	2	5	A.-Cu.	Cu.-N. E	5	A.-Cu.	Cu.-N. SE
9	Calm	----	Calm	----	N	2	ESE	4	ESE	4	ESE	3	7	Ci.-S.	Cu.-N. ENE	6	A.-Cu.	Cu.-N. ENE
10	N	1	Calm	----	NE	3	NE	3	SE	4	NE	4	3	Ci.	Cu. E	4	A.-Cu.	Cu. E
11	Calm	----	N	1	NE	3	SSE	3	E	4	N	3	5	A.-Cu.	Cu. NE	6	A.-Cu.	Cu.-N. E
12	N	2	Calm	----	NE	1	NE	2	Calm	----	NE	1	7	Ci.-S.	Cu.-N. NE	7	A.-Cu.	Cu.-N. NE
13	N	1	Calm	----	S	1	S	3	Calm	----	N	2	5	A.-Cu.	Cu. SE	4	A.-Cu.	Cu.-N.
14	Calm	----	Calm	----	N	2	N	2	N	2	Calm	----	4	Ci.	Cu. NE	3	A.-Cu.	Cu. NE
15	Calm	----	Calm	----	NE	2	S	2	Calm	----	S	3	3	Ci.	Cu.-N.	6	A.-Cu.	Cu. SE
16	Calm	----	N	1	NE	1	S	2	S	2	S	1	4	Ci.	S.-Cu. NE	3	A.-Cu.	Cu.-N.
17	N	1	N	1	NW	3	NW	2	NW	1	Calm	----	7	Ci.	Cu.-N. NW	4	A.-Cu.	Cu. NW
18	Calm	----	Calm	----	NE	3	NE	3	NE	2	N	1	6	A.-Cu.	Cu. ENE	8	A.-Cu.	Cu.-N. E
19	Calm	----	NE	1	E	3	ESE	5	ESE	4	ESE	2	8	Ci.-S.	Cu.-N. NE	4	A.-Cu.	Cu.-N. E
20	NE	1	N	2	NE	3	E	3	E	4	E	3	1	------------	Cu.	4	Ci.	Cu.-N. E
21	Calm	----	NE	1	E	4	E	4	E	4	E	5	3	A.-Cu.	Cu. E	6	Ci. SE	Cu. E
22	E	2	N	1	E	4	E	5	E	3	E	4	5	Ci. SE	S.-Cu. NE	4	Ci.	Cu. ENE
23	N	1	N	1	ENE	3	SE	2	SE	1	N	2	5	A.-Cu.	Cu. E	6	A.-Cu.	Cu.-N. ESE
24	N	1	Calm	----	NE	1	SE	2	SE	1	E	4	1	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N. ESE
25	N	2	N	1	N	1	ESE	2	SW	3	Calm	----	1	Ci.	Cu.	5	A.-Cu.	Cu. E
26	Calm	----	Calm	----	E	2	E	3	E	3	E	1	2	Ci.	Cu.	2	A.-Cu.	Cu. E
27	Calm	----	Calm	----	E	1	E	2	Calm	----	E	1	1	Ci.	Cu.	4	Ci.	Cu. E
28	Calm	----	Calm	----	NE	3	N	3	NE	2	NE	1	3	Ci.	S.-Cu. E	4	A.-Cu.	Cu. E
29	N	1	N	1	NE	2	NE	4	E	4	N	2	3	Ci.	S.-Cu.	3	Ci.	Cu. E
30	N	1	N	1	E	3	E	3	E	4	E	3	5	Ci.	S.-Cu. E	2	Ci.	Cu.
Mean	-------	0.6	-------	0.5	-------	2.3	-------	3	-------	2.4	-------	2	3.9	------------	------------	4.4	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.96	60.88	61.30	59.18	59.28	61.10	60.28	24.5	23.4	32	33.7	30.5	26.6	28.4	34.5	22.7	87	88	60	46	56	71	68	
2	60.80	61.66	62.03	59.61	59.40	61.74	60.87	23.6	21.3	32.4	35.8	31.7	27.8	28.8	36.7	20.9	86	90	52	44	51	68	65.2	------
3	60.77	61.10	61.56	59.06	59.01	60.84	60.39	26.8	25	32.9	34.9	31.4	28.2	29.9	36.3	24.4	71	80	51	42	54	66	60.7	------
4	59.87	60.56	60.72	58.14	58.25	59.79	59.56	25.5	23.8	32.7	35.7	31	28.5	29.5	36.4	23.4	80	85	50	42	53	64	62.3	------
5	58.44	59.01	59.25	56.45	56.88	59.09	58.19	27.4	24.9	32.4	33.6	30.2	28.5	29.5	35.8	24.5	67	82	56	54	62	70	65.2	------
6	57.86	59.28	59.40	56.57	57.05	60.42	58.43	25.6	23.5	33.5	36.8	33	25.8	29.7	38	23.1	83	91	54	38	51	81	66.3	------
7	58.22	59.35	60.57	58.14	58.65	60.89	59.30	24.4	22.6	32.6	36.6	32.5	28.5	29.5	38.2	22.4	83	91	52	40	52	64	63.7	------
8	59.17	59.72	60.16	57.45	57.92	59.51	58.99	25.4	24.2	34.6	36.6	31.1	29	30.2	37.1	23.3	80	86	49	43	60	70	64.7	------
9	57.89	58.66	58.70	55.56	56.07	58.07	57.49	26.8	25.9	32.6	37	29.7	28	30	38.9	25	82	85	58	43	73	85	71	------
10	56.45	56.97	57.65	54.51	55.24	57.39	56.37	26	25	33	37.4	29.1	24.4	29.2	38.1	24	92	92	58	48	84	93	77.8	2.3
11	57.14	57.51	57.86	55.57	57.25	59.01	57.39	24.5	24.5	32.2	37	25.4	24	27.9	37.8	23.4	96	97	68	50	94	95	83.3	29.2
12	59.06	59.17	59.61	58.07	58.29	60.07	59.04	24	24.1	31.8	34.6	31	28.1	28.9	35	23.4	97	98	67	51	59	75	74.5	------
13	58.91	59.54	60.37	58.67	58.75	60.59	59.47	26.4	24.9	32	34.6	31.2	28.2	29.6	36	24	86	93	60	52	58	72	70.2	------
14	59.40	59.79	60.26	58.61	59.04	60.67	59.63	26.2	24.5	33.4	35.6	31	28.5	29.9	36.4	23.8	82	91	53	41	58	67	65.3	------
15	59.55	60.17	60.22	58.20	57.99	60.16	59.38	25.7	24.7	33.5	35.7	31.2	28.6	29.9	37.4	23.6	82	87	56	47	62	77	68.5	------
16	59.39	59.91	60.37	57.73	57.95	60.12	59.24	26.8	25.6	32.6	34.8	32.4	29.8	30.3	37	25.2	89	95	58	45	55	69	68.5	------
17	59.67	60.16	60	57.37	58.09	60.84	59.36	27.4	26	32.7	36.5	29.4	24.5	29.4	37.8	23.4	81	89	60	41	62	96	71.5	52.6
18	60.04	60.16	60.66	57.44	58.45	60.26	59.50	24.5	24.5	31.6	35.6	30.2	26	28.7	36	23.5	97	97	70	53	70	92	79.8	5.6
19	59.05	59.99	60.27	56.89	57.42	60.29	58.98	25.6	25.5	31.2	34.8	29.2	25.8	28.7	35.2	25	97	98	69	56	75	98	82.2	32
20	58.87	59.31	59.86	56.89	58.33	60.65	58.98	25.2	25	30.4	34.9	27.5	25.7	28.1	35	24.2	98	98	74	56	85	93	84	.5
21	59.07	59.71	60.57	58.73	59.96	61.85	59.98	25.7	25.2	29.6	33.4	28.1	25.5	27.9	34.5	24.7	96	97	78	60	79	92	83.7	1.8
22	60.96	61.41	61.56	58.92	59.45	61.98	60.71	24.5	24	31.5	35.4	31	27.5	29	36.5	23.5	96	97	67	53	59	84	76	------
23	60.87	61.09	61.10	58.67	57.83	60.04	59.93	25	23.6	32.4	35.8	33.5	28	29.7	35.9	23.2	92	93	62	49	58	82	72.7	------
24	59.17	59.46	59.91	57.14	58.11	59.67	58.91	27	25.4	31.9	35.6	28.5	27.2	29.3	36.5	24.9	84	93	69	49	74	83	75.3	------
25	58.61	58.59	59.52	57.48	57.79	60.03	58.67	25.2	24.8	32.2	35.2	28.6	27.4	28.9	36.9	24.1	92	93	65	48	73	81	75.3	.3
26	58.99	59.27	59.85	57.33	58.12	59.66	58.87	26	25.2	32	35.2	27.1	25.1	28.4	36	24.4	90	95	66	52	84	91	79.7	6.7
27	58.36	58.11	58.02	55.69	56.19	58.01	57.40	25	24.6	32	35.1	29	25.4	28.5	35.9	23.9	93	95	69	54	71	93	79.2	6.8
28	56.54	56.64	56.98	54.40	54.18	56.74	55.91	25.1	25	30.7	34.2	30.2	24.6	28.3	35.4	24	96	97	72	57	75	95	82	17.8
29	55.61	56.06	56.18	53.84	55.06	56.98	55.62	24.7	24.8	30.6	34	26.6	26.8	27.9	35.3	23.9	96	98	77	59	90	94	85.7	4
30	55.96	56.55	56.54	53.74	54.52	56.82	55.69	26	25.7	30.9	34.4	28.4	28	28.9	35.6	24.7	95	98	71	60	85	89	83	22.9
31	55.76	55.72	55.19	52.50	53.27	54.56	54.50	25	24.9	30	33.4	28.6	26.9	28.1	34	24.3	97	97	81	69	85	94	87.2	11.7
Mean	58.72	59.21	59.56	57.05	57.54	59.61	58.61	25.5	24.6	32.1	35.3	29.9	27	29.1	36.3	23.8	88.5	92.5	63	49.7	68	82.1	74	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	194.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	Calm	----	Calm	----	ESE	4	ESE	5	ESE	4	E	2	3	Ci.	Cu.	4	A.-Cu.	Cu. E
2	NNW	2	NNW	2	NNW	2	NE	3	E	3	N	2	2	Ci.	Cu.	4	Ci.	Cu. ESE
3	Calm	----	Calm	----	E	2	E	4	ESE	4	E	2	4	Ci.	Cu.	5	A.-Cu.	Cu. ENE
4	Calm	----	NE	1	E	4	ESE	4	ESE	3	ESE	2	4	Ci.	Cu.-N. E	4	Ci.	Cu. E
5	N	1	N	1	N	3	ESE	4	ESE	4	NE	1	5	Ci.	Cu.-N. E	7	A.-Cu.	Cu.-N. ENE
6	N	1	N	1	ENE	2	SE	3	SE	2	NW	3	3	Ci.	Cu.-N.	5	A.-Cu.	Cu. ESE
7	NW	2	NW	2	NE	3	NE	3	NE	2	NE	2	1	------------	Cu.	4	A.-Cu.	Cu. E
8	N	2	N	2	ENE	3	E	3	ESE	4	E	1	2	Ci.	Cu. E	4	A.-Cu.	Cu. E
9	N	1	N	1	E	2	SE	1	NE	3	N	2	7	Ci.	Cu.-N. E	6	Ci.	Cu.-N. SE
10	N	1	Calm	----	NE	1	SSE	2	SSE	2	NW	3	2	Ci.	Cu.-N.	6	Ci.	Cu.-N. S
11	NW	2	NW	1	NE	2	NE	3	Calm	----	NW	2	3	Ci.-S.	Cu.-N.	4	Ci.	Cu. S
12	N	1	N	1	NE	3	E	4	E	1	E	1	3	Ci.	Cu.-N.	4	Ci.	Cu. E
13	N	1	N	1	E	3	E	3	E	2	E	1	0	------------	Cu.	6	A.-Cu. NE	Cu. E
14	N	1	N	1	E	3	ESE	4	ESE	2	E	2	1	------------	Cu.	4	A.-Cu.	Cu. E
15	Calm	----	N	1	NE	1	E	2	E	1	Calm	----	1	Ci.	Cu.	3	Ci.	Cu.-N. E
16	Calm	----	Calm	----	Calm	----	N	2	Calm	----	Calm	----	6	Ci.	S.-Cu. E	5	Ci.	Cu. NE
17	Calm	----	Calm	----	SE	2	S	2	NW	7	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. SE
18	Calm	----	Calm	----	NE	1	SE	2	SE	3	SE	1	7	Ci.	Cu.-N. E	5	Ci.	Cu.-N. S
19	Calm	----	Calm	----	E	2	SE	2	Calm	----	N	3	6	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. SE
20	Calm	----	Calm	----	ESE	1	ESE	1	S	3	N	3	7	Ci.-S.	Cu.-N. SE	5	Ci.	Cu.-N. S
21	N	1	N	2	N	1	SE	1	N	3	N	1	6	Ci.-S.	S.-Cu. ESE	7	A.-Cu.	Cu.-N. ENE
22	N	1	Calm	----	NE	1	SSE	2	Calm	----	N	3	5	Ci.	Cu.-N.	5	Ci.	Cu.-N. E
23	N	1	N	1	NE	1	ESE	3	Calm	----	N	2	3	Ci.	Cu. E	5	Ci.	Cu. E
24	N	1	N	1	NE	2	NE	3	S	4	N	1	3	Ci.	Cu. NW	5	A.-Cu.	Cu. NE
25	N	1	N	1	N	2	N	3	N	2	Calm	----	2	Ci.	S.-Cu.	5	A.-Cu.	Cu.-N. NNE
26	N	1	N	1	NE	3	NE	3	N	2	N	2	3	Ci.	Cu.	5	Ci.	Cu.-N. NE
27	NW	1	NW	1	NW	2	WNW	3	N	3	N	2	3	Ci.	Cu.-N.	3	Ci.	Cu.-N.
28	N	1	N	1	N	1	N	2	NW	4	N	2	4	Ci.	S.-Cu. NE	4	Ci.	Cu.-N.
29	Calm	----	Calm	----	NW	1	WNW	2	NW	1	Calm	----	6	Ci.	S.	3	Ci.	Cu. SW
30	Calm	----	Calm	----	NE	1	NE	1	NE	1	Calm	----	7	A.-Cu.	S.-Cu. N	4	Ci.	Cu.-N.
31	N	1	Calm	----	SW	1	SW	2	SW	1	SW	1	8	Ci.-S.	S.-Cu. N	6	Ci.	Cu. SW
Mean	-------	0.8	-------	0.7	-------	1.9	-------	2.6	-------	2.3	-------	1.5	3.8	------------	------------	4.7	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.24	53.60	54.49	53.53	53.52	55.43	53.97	25.8	26.2	27	28.5	26.2	25.7	26.6	28.7	24.6	95	95	89	87	94	95	92.5	8.7
2	54.92	55.28	56.61	55.31	55.33	56.96	55.74	24.7	24.5	24.4	24.6	24	24.5	24.4	25.4	23.2	97	97	97	98	97	97	97.2	53.4
3	55.64	55.89	57.30	57	57.17	59.26	57.04	24	23.6	24.4	24	24	24	24	25	23	98	99	97	97	97	97	97.5	38.4
4	57.01	57.58	57.98	56.35	55.79	57.97	57.11	23	23.4	27.7	29.7	27.5	26	26.2	29.7	22.7	97	97	77	75	84	88	86.3	7.1
5	57.03	57.76	59.69	58.25	58.71	60.53	58.66	24	24.5	28	28.5	27.5	26.5	26.5	29.2	23.5	97	96	83	83	89	92	90	1.6
6	59.44	60.21	60.71	58.91	59.61	61.73	60.10	25.5	24.8	29.8	32.5	30.1	26.3	28.2	32.6	24	96	98	78	70	74	92	84.7	------
7	59.94	60.05	60.58	58.56	58.53	60.19	59.64	25	24	30.5	34	30.6	28	28.7	34.6	23.4	92	97	78	60	85	86	83	------
8	58.96	59.49	60.07	58.21	58.65	59.52	59.15	26	25.1	30.7	34.4	31.5	26	29	34.5	24.4	92	96	74	61	63	92	79.7	------
9	58.94	59.54	59.91	57.92	57.60	59.84	58.96	25.4	25	31.5	34.8	31.2	27.5	29.2	35.5	24.1	95	96	72	62	81	90	82.7	.5
10	59.18	59.15	60.10	58.90	58.50	60.49	59.39	26.3	25.6	31.4	34.6	33	28	29.8	35.3	24.6	94	98	70	58	63	85	78	------
11	59.39	59.97	60.08	58.29	58.09	59.69	59.25	26.2	24.7	32	35.2	32	27.4	29.6	35.5	24	92	94	74	56	68	88	78.7	------
12	58.74	59.10	59.75	57.55	57.89	59.26	58.72	26.5	25.6	31	34.8	28.8	25.6	28.7	35.6	25	92	96	73	57	79	85	80.3	------
13	58.61	59.16	59.06	57.20	57.59	59.95	58.60	25.2	25.1	32.5	35.4	28.2	26	28.7	36	24.5	95	95	66	57	91	92	82.7	5.6
14	59.04	59.34	59.80	58.12	58.77	59.91	59.16	24.9	24.5	31.1	29.5	28.5	25.5	27.3	34.6	23.8	98	99	73	83	78	91	87	1.5
15	58.99	59.61	59.59	57.76	57.60	59.18	58.79	24.5	24	31.1	34.4	32.1	27.1	28.9	35.4	23.2	96	98	75	52	60	87	78	------
16	58.21	58.96	58.96	56.51	57.58	58.97	58.20	26	25.2	32.5	32.6	26.3	25.1	28	33.9	24.2	90	95	63	69	94	95	84.3	------
17	57.95	58.32	58.45	56.75	57.14	59.10	57.95	24	23.8	31.4	35.4	31.2	27	28.8	35.5	23	97	98	66	52	58	85	76	------
18	57.61	58.04	58.01	56.21	56.11	56.94	57.15	26	24.5	31.2	33.6	30.5	27.2	28.8	34.9	24	92	95	64	56	64	76	74.5	3
19	55.16	53.99	53.24	49.25	50.51	55.54	52.95	25.8	24.4	24	25	24.2	23	24.4	27.1	22.1	92	93	96	97	96	96	95	92.5
20	55.78	56.71	57.97	57.05	56.70	58.13	57.06	23	23.6	24	25.4	25.6	24.4	24.3	26.5	22.4	94	92	95	93	92	93	93.2	20.1
21	57.81	58.83	59.47	58.24	58.74	60.38	58.91	24	24	26.3	29	27.8	26.4	26.2	29.1	23.5	96	95	86	81	90	89	89.5	------
22	58.89	59.39	59.47	57.92	57.99	60.24	58.98	25.2	25	29.8	30.4	29.5	27	27.8	32.5	24.5	95	96	75	70	71	87	82.3	------
23	58.96	59.42	59.50	58.42	58.03	59.39	58.95	25.8	25.6	31.5	32.1	29.7	26.7	28.6	33.2	24.9	95	95	63	57	67	83	76.7	2.3
24	58.70	58.79	59.19	57.71	57.44	58.72	58.42	25.2	25	26.4	30.1	28.6	25.6	26.8	30.8	24.4	94	95	92	74	75	87	86.2	1.8
25	58.10	58.08	58.81	57.19	57.07	58.60	57.98	24.4	23.5	29.8	31.9	28.4	25.2	27.2	32.8	23	95	97	69	62	69	80	78.7	------
26	58.40	58.55	58.54	56.81	56.59	58.59	57.91	24.4	23.8	30.1	33.5	31.4	25.5	28.1	34.2	23.2	88	94	69	60	66	93	78.3	13
27	57.57	57.64	57.68	55.93	55.26	56.58	56.78	25.4	25	27.5	30.8	29.5	25.9	27.4	31	24.5	95	95	88	71	80	95	87.3	4.8
28	55.48	55.52	55.70	53.99	53.99	55.65	55.06	25.2	25	29	30.7	30	26.9	27.8	32	24.3	94	96	81	72	82	92	86.2	2.3
29	55.15	54.95	55.57	53.86	54.69	56.10	55.05	26	25.4	29.4	33.4	27.1	26.5	28	33.7	24.5	96	97	77	67	92	93	87	2.5
30	55.48	55.87	55.58	54.35	54.68	56.30	55.38	26.2	25.8	29.2	31.8	29.4	26.6	28.2	32.4	25.2	92	92	76	66	79	90	82.5	------
Mean	57.61	57.96	58.40	56.74	56.86	58.64	57.70	25.1	24.7	29.2	31.4	28.8	26.1	27.5	32.2	23.9	94.4	95.9	77.9	70.1	79.3	89.7	84.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	259.1

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	3	SW	4	SW	5	SW	6	SSW	5	SSW	6	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
2	SSW	5	SSW	4	SSW	4	S	2	S	4	S	2	10	Ci.-S.	N. SSW	10	Ci.-S.	N. S
3	SW	3	SW	6	SW	4	SW	5	SW	3	SW	1	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
4	SW	2	SW	1	SW	1	SW	3	SW	2	SW	5	6	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N.SW
5	SW	4	SW	2	SW	1	SW	3	SW	1	Calm	----	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
6	SW	1	SW	1	SW	1	SW	3	SW	1	SW	1	5	Ci.	Cu. SW	5	Ci.	Cu.-N.SW
7	SW	1	SW	1	SW	1	SW	1	Calm	----	Calm	----	3	Ci.	Cu.-N.	5	Ci.-S.	Cu.-N. S
8	N	1	Calm	----	NE	1	N	2	N	3	N	1	4	Ci.	Cu.-N.	5	Ci.	Cu. E
9	N	1	Calm	----	N	1	SE	2	Calm	----	Calm	----	2	Ci.	Cu.	5	A.-Cu.	Cu. ESE
10	Calm	----	N	1	NE	1	NE	2	Calm	----	Calm	----	0	Ci.	------------	4	A.-Cu.	Cu.-N. E
11	N	1	N	1	ESE	1	SE	2	Calm	----	Calm	----	3	A.-Cu.	Cu. E	5	A.-Cu.	Cu. ESE
12	Calm	----	Calm	----	NE	1	SE	1	SE	2	SE	1	3	Ci.	Cu. E	3	A.-Cu.	Cu. E
13	NE	1	N	1	NE	2	NE	2	Calm	----	N	2	2	Ci.	Cu. E	5	A.-Cu.	Cu.-N. ESE
14	Calm	----	N	1	NE	2	NE	1	NE	2	N	1	3	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. ESE
15	N	1	N	1	NE	2	E	3	E	1	N	1	3	Ci.	Cu.-N.	5	A.-Cu.	Cu. E
16	N	1	N	1	NE	2	SW	2	NW	2	N	1	3	Ci.	Cu.-N.	6	Ci.	Cu.-N. N
17	N	1	N	1	NW	2	NE	3	NE	4	NE	1	2	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N. E
18	N	1	N	1	NE	2	N	2	NE	1	N	1	4	Ci.	Cu. NE	8	Ci.-S. SE	Cu.-N.NE
19	N	3	N	4	N	6	NW	9	WSW	7	SW	6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NW
20	SSW	5	SSW	3	SSW	2	S	2	S	1	S	2	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SSW
21	S	1	S	1	S	2	S	1	S	2	Calm	----	10	Ci.-S.	Cu.-N. S	9	Ci.-S.	Cu.-N. S
22	Calm	----	Calm	----	S	1	S	3	S	1	Calm	----	9	Ci.-S.	Cu.-N. S	7	Ci.-S.	Cu.-N. E
23	Calm	----	NE	1	E	4	E	4	ESE	3	E	2	7	Ci.	Cu.-N. E	6	A.-Cu.ESE	Cu.-N. E
24	Calm	----	NE	1	NE	1	NE	1	S	2	Calm	----	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
25	N	1	N	1	N	2	SE	4	E	4	N	1	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. ESE
26	Calm	----	N	1	E	2	E	2	SE	1	S	2	4	Ci.	Cu. E	5	Ci. SE	Cu. E
27	Calm	----	Calm	----	N	2	WNW	1	WNW	1	Calm	----	10	Ci.-S.	Cu.-N.NW	9	Ci.-S.	Cu.-N.WNW
28	Calm	----	WNW	1	WNW	2	WNW	1	Calm	----	Calm	----	9	Ci.-S.	Cu.-N.NW	6	Ci.-S.	Cu.-N.WNW
29	Calm	----	W	1	W	2	W	2	W	1	W	1	8	Ci.-S.	Cu.-N. W	5	Ci.	Cu.-N. W
30	W	2	SW	3	SW	4	SSW	5	SSW	4	SSW	2	10	Ci.-S.	N. WSW	6	Ci.-S.	Cu.-N. SW
Mean	-------	1.3	-------	1.5	-------	2.1	-------	2.7	-------	1.9	-------	1.3	6.2	------------	------------	7	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.34	55.83	56.24	55.22	56.08	58.45	56.19	25.8	25.8	29.5	31.4	26	25.2	27.3	31.6	24.7	93	93	78	73	94	95	87.7	21.7
2	57.28	57.20	58.07	56.27	56.98	58.98	57.46	24.8	24.5	28.9	31.4	29.1	26.3	27.5	32.3	23.5	95	97	82	68	81	90	85.5	1.1
3	57.44	57.75	57.93	56.09	56.54	57.91	57.28	25.7	25.5	30.3	31.2	27	26	27.6	32.4	24.9	94	96	77	69	97	94	87.8	------
4	56.27	56.51	56.93	55.64	55.61	56.91	56.31	25.4	24.9	28.5	29	26.4	25.4	26.6	30.5	24.2	97	97	87	79	89	95	90.7	7.9
5	55.83	55.43	55.69	54.13	54.77	56.30	55.36	24.8	24.4	28	29.8	26.6	24.7	26.4	31.1	23.6	95	97	85	77	87	95	89.3	6.1
6	54.59	54.21	54.73	53.44	53.05	54.14	54.03	24.5	24.5	25.4	27.2	25.5	24.9	25.3	27.4	24	96	97	97	87	96	97	95	24.7
7	52.43	52.83	53.21	52.09	52.86	54.56	53	24.6	24.5	25.4	27.6	25.3	25	25.4	28	23.9	97	97	98	91	94	96	95.5	29
8	53.73	54.24	55.98	55.64	55.64	57.27	55.42	24.4	24	25	25.6	27	25.7	25.3	27.5	23.4	97	97	97	98	95	94	96.3	17.6
9	56.69	56.56	56.58	56.65	56.44	57.91	56.80	25.6	25.4	30	25.5	28	26.5	26.8	30.6	24.5	97	97	82	98	91	93	93	43.5
10	56.77	57.04	57.33	56.09	56.58	57.46	56.88	26	25.4	29.2	30.5	27.5	26.4	27.5	31.7	25.1	96	97	82	81	91	94	90.2	8.9
11	56.36	56.56	56.80	56.13	55.97	56.45	56.38	26	25.6	28	28.5	27.6	26.8	27.1	30.1	24.9	97	98	91	85	91	92	92.3	1.8
12	55.76	55.65	56.41	55.78	56.14	57.39	56.19	26.5	25.6	29.9	30.7	28.2	26.9	28	31.5	25.2	92	96	82	78	85	90	87.2	------
13	55.95	56.91	57.70	56.93	57.01	57.56	57.01	26.2	25.9	29.3	29.9	28.4	26.9	27.8	31.5	24.4	92	94	81	79	85	92	87.2	------
14	57.47	58.05	58.34	57.77	57.87	59.64	58.19	26.2	25.8	30.2	27.7	28.4	25.8	27.4	31.7	25.2	94	96	80	87	82	92	88.5	6.3
15	58.52	58.59	59.04	58.01	58.51	59.87	58.76	25.2	25.4	28.8	28.1	27	23.4	26.3	32.2	23.1	95	95	83	85	84	95	89.5	.5
16	58.51	58.41	58.01	56.02	56.44	58.04	57.57	23.2	23.6	28.5	31.6	25.4	24.8	26.2	32.4	22.8	98	98	80	72	93	97	89.7	21.9
17	56.10	56.45	56.99	55.06	55.91	57.21	56.29	24	24.4	28.5	31.5	25.5	25	26.5	32.4	23.6	97	97	78	68	96	96	88.7	22.1
18	56.70	56.71	57.13	55.61	55.58	57.85	56.60	24.6	24.5	29.3	32	30.4	26.8	27.9	32.2	23.5	95	96	81	67	72	90	83.5	8.1
19	57.27	57.50	57.57	55.70	56.13	57.94	57.02	25	25	28.7	32.2	26	26	27.2	32.9	24.4	97	98	83	71	92	95	89.3	11.2
20	57.01	57.41	57.96	56.15	56.87	58.31	57.28	25.4	25	30	32.4	28.8	26.4	28	32.8	24.4	97	97	77	63	80	94	84.7	------
21	57.57	57.54	58.58	56.61	56.73	58.69	57.62	25.5	24.9	30.2	29.3	28.5	26.2	27.4	32.2	24.4	96	98	74	81	84	90	87.2	------
22	57.32	56.86	56.57	55.10	55.17	57.18	56.37	25.1	24.7	30	32.6	29.4	27	28.1	33.2	24	97	97	78	65	75	87	83.2	------
23	55.90	55.27	55.43	55.09	54.45	55.63	55.30	25.5	24.7	30.5	25.3	25.6	25.4	26.2	32	24	94	96	78	96	95	95	92.3	9.7
24	54.66	54.51	55.35	54.76	55	56.74	55.17	24.7	24.9	29.6	27	26.4	25.4	26.3	30	23.9	96	96	86	91	97	97	93.8	8.1
25	55.37	55.09	55.89	54.69	55.05	56.57	55.44	25.2	25	27.2	26.6	24.3	24.4	25.4	28.8	23.4	97	97	87	95	97	97	95	29.3
26	55.53	55.05	55.99	55.25	56.36	58.41	56.10	24.4	24.5	25.6	27.5	25.3	23.4	25.1	27.8	22.5	98	99	99	91	98	98	97.2	37.3
27	57.11	57.66	58.32	58.16	58.10	58.78	58.02	23.2	23.2	26.2	25.6	25.2	24.3	24.6	27	22.4	98	98	90	95	94	98	95.5	4.2
28	58.06	58.98	59.79	58.62	58.43	59.69	58.93	24	24.1	27.9	31.1	28.2	25.9	26.9	31.5	23.5	98	99	88	77	82	92	89.3	------
29	58.92	59.61	60.06	58.21	58.56	61.05	59.40	25.4	24.9	30.1	32.1	29.6	23.6	27.6	82.5	22.1	95	98	78	66	85	96	86.3	51.6
30	59.07	59.68	60.02	58.33	58.39	59.85	59.22	24	24	28.2	30.2	29.1	25	26.8	31.4	23.4	98	98	83	73	88	92	88.7	------
31	58.66	59.52	60.03	57.96	58.24	60.11	59.09	24	23.9	29.6	30.7	27.1	26	26.9	32.6	23.4	97	97	82	72	85	92	87.5	------
Mean	56.59	56.76	57.25	56.04	56.31	57.83	56.80	25	24.8	28.6	29.4	27.2	25.5	26.8	31	23.9	96	96.9	84	79.9	88.5	93.9	89.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	372.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	1	S	1	S	4	SSW	4	SSW	3	SSW	2	10	Ci.-S.	Cu.-N. SW	5	Ci.	Cu.-N. sw
2	SSW	1	S	1	S	2	S	2	S	1	S	2	4	Ci.	Cu.-N.	4	Ci.	Cu.-N. S
3	S	1	Calm	----	S	3	SW	5	SW	2	SW	1	5	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. sw
4	Calm	----	Calm	----	SSW	2	SSW	4	SSW	3	SW	1	5	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. S
5	Calm	----	SW	1	SW	3	SW	4	SW	4	SW	2	8	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.-N. sw
6	SW	2	SW	1	SSW	2	SSW	4	SSW	3	SSW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SSW
7	SSW	3	SSW	2	SSW	3	SSW	4	SSW	4	SSW	4	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SSW
8	SSW	4	SSW	2	SSW	2	SSW	1	Calm	----	SSW	1	10	Ci.-S.	N. SSW	10	Ci.-S.	N. SSW
9	SW	1	SW	1	SW	3	SW	1	SW	1	SW	1	7	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. WSW
10	SW	1	Calm	----	SW	1	SW	1	SW	1	SW	1	5	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. sw
11	SW	1	SW	1	SW	1	SW	2	SW	2	Calm	----	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
12	SW	1	SW	1	SW	3	SW	4	SW	4	SW	1	6	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. sw
13	SW	2	SW	2	SW	4	SW	4	SW	2	SW	1	5	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. sw
14	SW	1	SW	1	SSW	3	SW	3	SW	1	Calm	----	5	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
15	SW	1	SW	1	SW	2	SW	4	SW	3	NW	2	4	Ci.	S.-Cu. SW	10	Ci.-S.	Cu.-N. sw
16	NW	1	Calm	----	SW	2	SW	3	S	2	SW	1	10	Ci.-S.	Cu.-N. SW	4	Ci.-S.	Cu.-N. S
17	SW	1	SW	1	SSW	2	SSW	3	SSW	3	Calm	----	8	Ci.	Cu. SSW	4	Ci.	Cu.-N. SSW
18	Calm	----	Calm	----	SSW	3	S	3	S	1	S	2	6	Ci.	Cu. SSW	5	Ci.	Cu.-N. SSW
19	SE	1	SE	1	SE	1	SE	2	SE	1	Calm	----	10	Ci.-S.	Cu.-N. SSE	5	Ci.-S.	Cu.-N. SE
20	SE	1	SE	1	E	1	E	4	E	1	Calm	----	3	Ci.	Cu.-N.	4	Ci.	Cu.-N. E
21	NE	1	Calm	----	NE	1	NE	2	Calm	----	NE	1	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. E
22	Calm	----	Calm	----	S	2	S	2	S	2	Calm	----	3	Ci.	Cu.-N.	4	A.-Cu.	Cu. SE
23	N	1	Calm	----	SW	3	SW	1	Calm	----	Calm	----	3	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. sw
24	SW	1	SW	1	SSW	4	SSW	5	SSW	4	SSW	2	5	Ci.	Cu.-N. SW	10	Ci.-S.	N. SW
25	SSW	2	SSW	1	SSW	5	SSW	3	SSW	2	SSW	4	7	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
26	SW	3	SW	2	SW	3	SW	3	SW	2	SW	2	10	Ci.-S.	N. SW	9	Ci.-S.	N. SW
27	SW	2	SW	1	SW	2	NW	2	NW	2	Calm	----	10	Ci.-S.	N. SW	10	Ci.-S.	N. WSW
28	Calm	----	Calm	----	SW	1	SW	2	SW	1	Calm	----	5	A.-Cu.	Cu.-N. WSW	6	A.-Cu.	Cu.-N. WSW
29	Calm	----	Calm	----	SW	2	SW	1	SW	2	NW	2	3	Ci.	Cu.-N.	4	Ci.	Cu. SW
30	N	1	N	1	N	1	N	2	Calm	----	N	1	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
31	NW	1	NW	1	S	2	S	2	S	2	S	2	4	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. SE
Mean	-------	1.2	-------	0.8	-------	2.4	-------	2.8	-------	1.9	-------	1.2	6.7	------------	------------	7.6	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.90	59.72	60.09	58.10	58.42	60.63	59.31	24.5	24	30.4	33.3	30.4	25.8	28.1	33.7	23.5	96	98	77	64	76	90	83.5	------
2	59.64	59.83	59.79	57.99	58.08	60.04	59.23	24.8	24.5	29.6	32.5	29.4	24.7	27.6	33.9	23.8	93	96	79	60	75	97	83.3	10.9
3	58.76	58.78	58.84	57.04	57.48	58.99	58.32	24	23.4	29	32.1	26.6	25.4	26.8	33.4	22.6	97	98	78	64	87	95	86.5	------
4	57.97	57.97	58.74	57.01	57.36	59.24	58.05	24.6	24	30	32.5	28.9	25.6	27.6	33.2	23.3	97	96	71	60	76	92	82	1
5	57.86	58.01	58.65	57.14	58.06	59.54	58.21	24.6	23.6	30	32.8	26.6	25	27.1	33.5	23.4	95	98	77	61	92	97	86.7	2
6	58.40	58.36	59.04	56.99	57.77	59.27	58.30	24.4	24.1	29.3	32.5	26	25.8	27	34.2	23.5	97	97	84	62	92	95	87.8	2.8
7	58.51	58.45	59.35	57.08	57.27	58.91	58.26	25.4	25	26.6	31.1	29.4	26.4	27.3	32	24.4	97	97	92	75	75	92	88	.8
8	57.84	58.11	58.56	57.20	57.59	58.87	58.03	25.2	25.1	27.2	27.9	27.8	25.8	26.5	31.4	24.4	98	99	90	79	79	92	89.5	.8
9	57.41	58.03	58.19	56.16	57.09	58.54	57.57	23.8	24.8	28.6	31.7	26.1	25	26.7	33.2	23.5	93	98	83	74	94	97	89.8	12.2
10	57.69	57.22	57.13	55.22	55.69	56.75	56.62	25	24.9	28	30.5	26.8	24.8	26.7	32.6	24	97	98	83	78	86	97	89.8	1.3
11	55.93	54.56	55.10	53.30	53.41	55.07	54.56	24.5	24.2	28.4	30.6	25.4	25.2	26.4	32.2	23.7	99	99	82	81	98	98	92.8	12.5
12	53.88	53.93	54.15	52.84	53.32	54.16	53.71	25	24.2	28.9	28.4	26.6	25.2	26.4	30.8	23.5	98	97	82	87	92	98	92.3	4.3
13	53.48	53.09	53.94	53.17	54.12	55.78	53.93	25	24.9	29.8	28.4	26.6	25.8	26.8	30.6	24.4	98	99	82	88	90	96	92.2	1.8
14	54.78	55.61	56.34	55.31	56.02	57.82	55.98	25	25.5	26.9	28.3	26	25.5	26.2	29	24	98	99	92	90	96	96	95.2	29.1
15	56.81	56.75	58.20	57.35	57.46	59.20	57.63	25	24.8	28.1	26.6	26.9	25.2	26.1	30.2	23.6	97	97	88	89	90	97	93	1.6
16	58.12	57.94	58.83	56.78	56.97	58.80	57.91	23.8	23.1	29	32.1	28.6	27	27.3	33	22.6	98	99	83	71	85	92	88	------
17	58.34	58.76	59.19	56.99	58.14	60.36	58.63	26	25.4	29	32.7	24.2	23.3	26.8	33.5	22.8	96	97	83	63	94	97	88.3	8.9
18	58.43	58.47	59.06	56.67	57.11	59.21	58.16	23.4	23.1	28.1	32	29.2	25	26.8	32.7	22.6	98	98	82	69	80	98	87.5	2.5
19	57.49	57.68	58.14	57	56.76	59	57.68	24.8	24.5	29.1	25	26.4	25	25.8	32.7	24	98	97	78	97	95	97	93.7	29
20	57.03	56.87	57.50	55.52	54.96	56.63	56.42	24	24.1	27.8	27.1	26.6	24.6	25.7	28.4	23.5	98	99	89	91	92	98	94.5	41.9
21	55.73	55.92	55.63	53.97	55.23	56.30	55.46	24	23.4	24.6	26.8	23.9	23.6	24.4	28.6	22.6	98	99	97	98	99	99	98.3	88.5
22	55.78	56.10	56.97	56.06	55.73	57.67	56.38	23.5	23.5	24.9	27.2	26.1	25.2	25.1	28.1	22.8	99	99	92	90	95	97	95.3	40.7
23	56.93	57.62	58.29	57.04	57.05	58.81	57.62	24.5	24.2	25.9	27.7	27.3	26	25.9	28.2	23.7	97	98	98	91	94	98	96	4.8
24	57.84	58.06	58.69	57.58	58.06	59.20	58.24	25.4	25	28.2	26	25.6	24.8	25.8	30.3	24	98	98	89	91	99	98	95.5	25.4
25	58.16	57.96	58	56.29	55.92	57.24	57.26	24.3	23.5	28.1	31	27.8	26.1	26.8	31.5	23	99	99	91	71	85	95	90	------
26	55.77	55.33	55.64	54.15	54.22	55.08	55.03	25.7	25.5	27.7	28.5	27.4	26.2	26.8	29.6	24.9	96	96	84	82	85	92	89.2	.8
27	53.57	53.34	53.77	53.37	53.88	55.54	53.91	25.5	25.3	25.5	26.1	24.1	24.4	25.2	26.4	23.4	96	96	99	95	99	99	97.3	33.3
28	54.90	55.10	56.02	55.14	55.90	57.51	55.76	23.5	24.9	26.8	28.8	27.4	25.7	26.2	29.8	23	99	97	91	83	89	94	92.2	.5
29	56.80	57.46	58.25	56.69	56.89	58.36	57.41	25	24.5	27	29.1	27.5	25.4	26.4	30	23.9	97	97	86	86	85	93	90.7	2.4
30	56.74	57.31	58.29	56.78	56.67	57.87	57.28	25	25.2	28.3	28.6	27.2	26.2	26.8	29.8	24.4	98	98	90	90	90	94	93.3	5.7
31	56.52	55.95	56.75	55.44	55.65	57.03	56.22	25.2	25	26.5	27	25.8	24.6	25.7	27.4	24.1	98	99	95	96	98	99	97.5	17
Mean	56.97	57.04	57.58	56.04	56.40	57.98	57	24.7	24.4	28	29.5	26.9	25.3	26.5	31.1	23.6	97.2	97.8	86	79.9	89.1	95.8	91	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	382.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–10		*0–10*		*0–10*		*0–10*		*0–10*		*0–10*	*0–10*			*0–10*		
1	S	1	S	1	S	2	S	2	S	1	S	1	6	Ci.	Cu.-N. SE	6	Ci.	Cu.-N. E
2	S	1	Calm	----	E	2	N	2	N	5	N	1	4	Ci.	Cu. NE	3	A.-Cu.	Cu. E
3	N	1	N	1	N	2	N	2	NE	1	N	1	1	------------	Cu.	5	Ci.	Cu.-N.NE
4	N	1	N	1	E	2	N	2	WNW	4	WNW	2	2	Ci.	S.-Cu.	4	Ci.	Cu. NW
5	Calm	----	Calm	----	SW	2	SW	2	NW	3	Calm	----	2	Ci.	S.-Cu.	3	Ci.	Cu.-N.
6	N	1	NW	1	NE	2	NE	2	NE	1	NE	1	7	Ci.-S.	Cu. NW	2	A.-Cu.	Cu.-N.NE
7	NE	1	Calm	----	E	1	E	1	E	1	Calm	----	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
8	NE	1	NE	2	NE	1	NE	1	NE	1	NE	1	7	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N.NE
9	NE	1	Calm	----	E	1	E	1	E	1	N	1	10	Ci.-S.	S. E	8	Ci.-S.	Cu.-N. ESE
10	N	1	N	1	NE	1	S	4	S	1	Calm	----	7	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. S
11	NE	1	NE	1	NW	2	WSW	4	WSW	1	WSW	2	10	Ci.-S.	S.	7	Ci.-S.	Cu.-N.WNW
12	WSW	4	WSW	1	WSW	3	WSW	2	WSW	1	SW	2	10	Ci.-S.	N. W	9	Ci.-S.	Cu.-N. W
13	SW	2	SW	1	SW	1	SW	1	SW	4	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. WSW
14	SW	2	SW	2	SW	4	SSW	3	SSW	4	SSW	4	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.SW
15	SSW	3	SSW	3	SSW	3	SSW	4	SSW	2	SSW	1	7	Ci.-S.	Cu. SW	10	Ci.-S.	N. SW
16	S	1	S	1	S	2	S	2	Calm	----	Calm	----	3	Ci.	S.-Cu. SW	5	Ci.	Cu. SW
17	Calm	----	Calm	----	N	2	N	2	E	4	SW	2	7	Ci.	Cu.-N.	5	Ci.	Cu.-N.NW
18	Calm	----	Calm	----	SE	1	S	2	S	1	NE	2	4	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu.-N.
19	NE	1	NE	1	NE	1	SW	4	Calm	----	N	2	2	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. W
20	SW	2	SW	2	SW	1	SW	3	SSW	4	SSW	2	10	Ci.-S.	N. WSW	10	Ci.-S.	N. WSW
21	SSW	3	SSW	2	SSW	3	SSW	3	SSW	2	SSW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
22	SSW	1	SSW	2	S	3	S	3	S	3	S	2	10	Ci.-S.	N. SSW	8	Ci.-S.	Cu. S
23	S	2	S	3	S	2	S	3	S	2	S	1	10	Ci.-S.	N. S	9	Ci.-S.	N. S
24	S	1	SW	1	SSW	2	SW	3	SW	1	SW	2	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N. SW
25	SW	1	SW	1	SW	1	SW	4	SW	4	SW	1	10	Ci.-S.	Cu.-N.WSW	6	Ci.-S.	Cu.-N.WSW
26	SW	2	SW	2	SSW	5	SW	5	SW	5	SW	5	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.SW
27	SW	4	SW	3	SW	4	SW	5	SW	4	SW	1	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
28	SW	2	SW	3	SW	5	SW	5	SW	2	SW	1	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N.SW
29	SW	1	SW	1	SW	3	SW	4	SW	2	SW	2	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N.SW
30	SW	1	SW	1	SW	3	SW	3	SW	2	SW	2	10	Ci.-S.	Cu.-N.WSW	9	Ci.-S.	Cu.-N.SW
31	SW	1	SW	1	Calm	----	SW	1	SW	2	SW	1	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
Mean	-------	1.4	-------	1.3	-------	2.2	-------	2.7	-------	2.2	-------	1.6	7.6	------------	------------	7.5	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.78	55.19	56.21	54.70	54.85	56.72	55.58	24.1	24.4	27	27.7	25.6	23.8	25.4	29.2	23.4	99	99	93	91	99	99	96.7	55.1
2	55.24	55.62	56.45	54.67	54.66	56.48	55.52	24	24.1	24.9	26.2	25.9	24.6	25	27	23.3	99	99	99	95	98	99	98.2	19.6
3	54.98	55.14	55.73	54.07	54.86	56.41	55.20	24.5	24.4	27	27	25.2	25	25.5	28.5	23.9	99	99	91	97	98	97	96.8	11.1
4	55.69	55.57	56.05	54.43	54.68	56.32	55.46	24.2	24	26.2	27.8	25.1	24.9	25.4	28.9	23.4	98	98	93	84	98	98	94.8	2.1
5	54.88	54.72	55.41	54.20	54.28	54.48	54.66	24.4	24	26.6	26.1	25.6	24.9	25.3	27.4	23.5	98	99	94	99	99	99	98	20.4
6	53.28	52.76	53.50	52.74	53.30	54.93	53.42	24.4	25	28.4	27.2	25.6	25.3	26	31.1	24	99	99	89	91	98	99	95.8	11.1
7	53.79	54.03	55.31	54.43	54.67	56.06	54.72	25.5	25.2	27	26	26.5	26	26	29.5	24.6	99	99	94	99	96	98	97.5	12.2
8	54.77	54.88	55.96	54.53	55.11	55.84	55.18	25.2	25.2	25	25.8	24.9	24.4	25.1	26.2	24	98	98	99	97	98	97	97.8	6.9
9	55.24	55.07	56.14	54.67	54.42	56.34	55.31	24.3	24.3	25.8	27.2	26.5	25.4	25.6	29	23.6	97	99	98	96	98	97	97.5	13.2
10	55.76	56.02	57.11	55.49	55.68	57.52	56.26	25	24.1	28.1	30.2	27.4	26.5	26.9	31.4	23.6	98	99	88	77	92	92	91	6.6
11	56.50	57.11	57.95	56.12	57.14	58.55	57.23	25	25.4	29.4	28.4	27	26	26.9	31.2	24.4	98	98	86	93	96	97	94.7	4.4
12	57.12	57.10	58.19	56.56	57.19	58.67	57.47	25.6	25.4	26.5	26.1	25.6	24.8	25.7	26.9	24.3	97	99	93	95	95	98	96.2	2.6
13	57.71	57.55	58.35	56.54	56.86	58.45	57.58	24.5	24	28.2	26.7	26	25.2	25.8	30.5	23.3	97	98	88	92	95	97	94.5	1
14	57.41	57.98	59.32	57.31	57.83	59.86	58.28	24.5	24	29	30.3	28	26	27	31.3	23.5	99	99	81	76	82	94	88.5	-----
15	58.34	59.06	60.48	58.05	58.24	59.73	58.98	25	24	28.7	31.4	27	26.2	27	31.8	23.7	97	98	83	71	86	96	88.5	-----
16	58.64	58.62	59.74	57.31	57.67	59.26	58.54	25.3	24.6	29.6	31.5	25.4	25.5	27	31.9	23.6	98	99	81	74	97	99	91.3	11.4
17	58.04	58.31	58.73	56.47	57.57	59.25	58.06	25	24.8	29	31.5	25.4	25	26.8	32	24.4	98	98	83	74	97	99	91.5	1.5
18	58.60	58.76	59.48	57.76	58.76	61.07	59.07	24.7	24.1	29	31.5	27	25.8	27	32.1	23.7	99	99	83	72	92	93	89.7	.3
19	59.66	59.88	60.72	58.65	59.85	61.48	60.04	25	24.5	28.7	32	25	24.5	26.6	32.8	23.4	98	99	77	72	98	94	89.7	.8
20	60.60	60.52	61.49	59.05	60	61.03	60.45	24	23.8	29.3	32.4	24.5	24.2	26.4	32.9	23	97	98	81	69	92	94	88.5	1.8
21	60.08	60.02	60.79	58.52	59.26	60.36	59.84	23	22.7	29.4	32	24.5	24.4	26	33	22.1	98	99	79	66	93	97	88.7	1.3
22	59.42	59.16	59.75	57.19	58.31	60.10	58.99	24	23.4	29.2	32.9	24.2	24	26.3	33.2	22.6	97	99	79	67	99	99	90	3.3
23	58.47	58.22	58.56	56.45	56.59	57.91	57.70	23.1	23.1	28.3	31.1	27.5	26.3	26.6	32.4	22.5	99	99	85	71	84	94	88.7	-----
24	56.91	56.73	57.52	55.97	56.16	57.92	56.87	24.7	23.9	29.7	32	28.8	26.5	27.6	32.8	23.4	97	97	77	67	89	94	86.8	-----
25	57.01	57.53	58.40	56.15	57.52	58.74	57.56	25.5	24.9	29.6	32	27	26	27.5	33.7	24.3	96	97	78	66	92	98	87.8	4.8
26	57.94	58.62	59.25	56.04	56.99	58.81	57.94	25.4	24.5	26.9	31.2	27.6	25.6	26.9	32.2	23.7	97	97	88	73	87	95	89.5	-----
27	57.76	57.82	58.58	56.76	57	58.89	57.80	24.5	23.6	28.5	30	27.6	26	26.7	31.6	23	97	99	81	81	80	92	88.3	-----
28	57.64	57.96	58.68	56.70	57.31	58.98	57.88	24.6	24.2	27.9	27.1	25.4	24.5	25.6	30.9	23.5	98	99	89	93	97	99	95.8	10.4
29	57.57	57.93	58.52	57.10	58.23	59.73	58.18	23.5	24.1	28.1	24.8	24.4	24.1	24.8	31	23.4	99	99	88	98	98	97	96.5	4.1
30	58.66	58.89	59.94	58.90	59.88	60.90	59.53	23.8	23.4	26.5	28	24.3	23.8	25	28	22.8	98	98	94	88	97	98	95.5	2.5
Mean	57.12	57.23	58.08	56.25	56.83	58.36	57.31	24.5	24.2	27.9	29.1	26	25.2	26.2	30.7	23.5	97.9	98.5	87.1	82.8	94	96.6	92.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	208.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	4	SW	2	SW	1	SW	3	SW	2	SSW	3	10	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. sw
2	SSW	2	SSW	2	SSW	2	SSW	3	SW	2	SW	2	10	Ci.-S.	N. SSW	10	Ci.-S.	Cu.-N. sw
3	SW	2	SW	2	SW	1	SW	2	SW	2	SW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
4	SW	1	SW	1	SW	4	SW	5	SW	1	SW	1	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. sw
5	SW	1	SW	1	SW	1	SW	3	SW	2	SW	2	8	Ci.-S.	Cu.-N. W	10	Ci.-S.	N. WSW
6	SSW	3	SSW	2	SSW	2	SSW	6	SSW	2	SSW	2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
7	SSW	3	SSW	2	SSW	2	SSW	2	Calm	----	Calm	----	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
8	Calm	----	S	2	S	2	S	4	S	3	S	4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SSW
9	S	2	S	1	S	1	S	1	SSW	4	SSW	2	6	Ci.	S.-Cu. SSW	7	Ci.-S.	Cu.-N. sw
10	SSW	1	SSW	1	SSW	2	SSW	1	SSW	3	SSW	3	4	Ci.	Cu. SW	5	Ci.	Cu.-N. sw
11	SW	2	SW	2	SW	3	SW	4	SW	2	SW	3	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. sw
12	SW	1	SW	1	W	2	SW	1	SW	3	SW	2	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. WSW
13	SW	1	SW	1	SSW	2	SSW	4	SSW	2	SSW	1	8	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N. S
14	SSW	1	SSW	1	SW	2	SE	1	S	3	S	1	7	Ci.	Cu.-N. S	6	A.-Cu.	Cu.-N. sw
15	S	1	S	1	SSW	2	SSW	1	SW	1	N	1	5	Ci.	Cu.-N.	4	Ci.	Cu.-N. sw
16	NE	1	NE	1	SE	2	SE	2	NE	1	NE	1	8	Ci.-S.	Cu.-N.	3	Ci.	Cu.-N.
17	SE	1	Calm	----	S	2	S	2	S	1	Calm	----	5	Ci.	S.-Cu. SW	5	Ci.	Cu. SW
18	Calm	----	S	1	N	1	SW	1	N	3	N	1	6	Ci.	Cu.-N.	4	Ci.	Cu.-N. sw
19	NE	1	NE	1	NE	1	S	1	NNW	4	N	2	5	Ci.	Cu. NE	4	Ci.	Cu.-N.
20	N	1	N	1	N	2	WNW	3	N	2	N	1	3	Ci.	S.-Cu. wnw	4	Ci.	Cu.-N. wnw
21	N	1	NE	2	NE	1	NE	1	N	4	NE	2	2	Ci.	Cu.-N.	4	Ci.	Cu.-N. NE
22	NE	2	NE	1	NNE	2	NE	2	N	2	N	2	10	Ci.	S. NE	4	Ci.	Cu.-N. NE
23	N	1	NNE	1	NNE	3	WNW	3	WNW	2	NW	2	10	Ci.	S. NNE	4	A.-Cu.	Cu. NW
24	WNW	1	Calm	----	SW	3	SW	3	SW	1	Calm	----	5	Ci.	Cu.-N.	5	Ci.	Cu. SW
25	SW	1	Calm	----	S	2	SW	2	Calm	----	Calm	----	9	Ci.-S.	Cu.-N. SW	6	Ci.	Cu.-N. S
26	Calm	----	Calm	----	E	1	E	2	SE	4	E	1	10	Ci.-S.	S.-Cu. SE	4	Ci.	Cu. E
27	S	1	S	1	S	1	SW	3	SW	1	SW	1	5	Ci.	S.-Cu.	8	Ci.	Cu.-N. sw
28	SW	1	SW	1	S	2	S	2	S	3	S	2	9	Ci.-S.	S.-Cu. SW	7	Ci.	Cu.-N. sw
29	S	2	S	2	S	2	S	3	S	4	S	2	3	Ci.	Cu. SW	10	Ci.-S.	N. SSW
30	S	2	S	2	S	3	S	2	S	2	S	1	8	Ci.-S.	Cu.-N. ssw	9	Ci.-S.	Cu.-N. ssw
Mean	-------	1.4	-------	1.2	-------	1.9	-------	2.4	-------	2.2	-------	1.6	7.5	------------	------------	6.9	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 58′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.61	60.03	60.95	58.79	59.20	60.75	59.89	23.5	23.2	27.1	30.2	26.2	25.5	26	31.2	22.9	99	99	85	80	97	98	93	------
2	59.16	59.68	60.71	58.43	59.55	61.35	59.81	24.2	23.2	28.7	31.6	26.5	24.6	26.5	32.4	22.6	99	99	83	62	92	97	88.7	5.1
3	59.81	60.20	61.22	58.96	59.84	62.33	60.39	24.8	24.5	29.6	31.6	27.7	25.5	27.3	32.7	23.9	98	99	77	76	84	98	88.7	.3
4	60.76	60.38	61.11	59.57	59.70	61.47	60.50	23.8	23.6	29	28.4	26	25.3	26	30.6	23	98	99	81	86	98	98	93.3	1.8
5	60.71	61.13	61.89	59.70	59.97	61.30	60.78	23.8	23.1	29.3	32.5	28.3	25.5	27.1	33	22.5	99	99	70	60	86	80	82.3	------
6	60.66	61.21	62.20	60.21	60.24	61.39	60.98	23.8	22.2	28.4	31	28	25.4	26.5	32	21.8	91	96	73	71	74	92	82.8	------
7	60.58	60.61	61.57	60.14	60.12	61.81	60.80	24	22.4	28.4	30	27.4	24.1	26	32	21.6	97	99	73	73	78	95	85.8	------
8	61.56	61.84	62.34	60.31	60.33	62.07	61.41	23	21.7	29.6	31.5	29.1	26	26.8	33.4	21.4	97	99	71	64	70	90	81.8	.5
9	61.27	61.60	62.28	59.72	59.99	61.97	61.14	25.2	24.1	29.7	33	28.4	25.5	27.6	33.2	23.6	98	99	71	65	72	88	82.2	------
10	61.24	61.46	62.06	59.77	60.47	61.55	61.09	23.8	22.6	29.6	31	27.5	25.1	26.6	32.4	22	98	99	69	62	70	88	81	------
11	60.15	60.62	61.12	58.82	59.28	60.77	60.13	23.8	22.5	29.2	31.8	27.6	25	26.6	32.1	21.6	97	98	73	59	77	97	83.5	3.6
12	60.20	60.53	61.12	58.35	59.10	60.62	59.99	24.5	24.1	27.5	31.2	27.4	26	26.8	32.8	23.6	99	99	85	64	74	81	83.7	------
13	60.43	61.01	61.72	59.57	60.29	62.02	60.84	25	23.4	29.2	31.1	27	26	27	31.8	22.6	98	99	70	65	77	88	82.8	------
14	61.57	62.05	62.64	60.45	60.49	61.89	61.52	25	23.9	28.6	31.2	27.7	25.6	27	32	23.2	95	97	74	64	70	83	80.5	------
15	61.14	61.80	62.39	59.98	60.45	61.68	61.24	24	23.1	30	31	27	24.6	26.6	32.4	22.4	95	99	69	61	70	87	80.2	------
16	60.77	61.23	62.48	60.08	60.50	62.28	61.22	23	22.4	30	31.6	27.5	24.6	26.5	32.9	21.8	97	97	64	56	73	87	79	------
17	61.79	62.28	63.30	60.92	61.24	62.88	62.07	23.2	22.5	28.5	30.2	27.6	24.2	26	32.5	22	95	96	71	68	66	88	80.7	------
18	61.76	62.19	63.06	60.88	61.13	62.55	61.93	23	21.6	29.9	31.4	27.5	25.2	26.4	32.5	21.1	91	99	62	61	72	85	78.3	------
19	61.18	61.34	62.38	60.36	61.05	62.25	61.43	24.4	24.1	28	30.4	25.5	25	26.2	31.9	23.4	91	93	70	58	91	93	82.7	1
20	61.04	61.29	62.49	60.15	61.17	62.80	61.49	24.5	23.8	29.4	31.8	27.7	24.7	27	33.1	23.3	96	97	71	55	70	92	80.2	------
21	61.89	62.49	63.44	61.63	61.70	62.99	62.36	22.7	21.9	30	31	27.1	24.2	26.2	31.5	21.4	94	96	65	62	69	83	78.2	------
22	62.09	62.39	63.29	61.44	62.04	62.81	62.34	22	21.4	24.7	30.9	26.1	23	24.7	31.1	20.5	91	94	91	64	72	87	83.2	.8
23	61.89	62.21	63.31	61.27	61.97	63.33	62.33	21.5	21.2	29.2	31.5	27.5	25	26	32.5	20.5	92	94	66	51	70	82	75.8	------
24	62.25	62.95	63.78	61.31	61.97	63.49	62.62	23.8	22.1	29.7	32.1	27.3	23.3	26.4	33	21.5	89	91	66	46	59	77	71.3	------
25	62.66	62.87	63.36	61.37	62.22	63.08	62.59	21.5	21.6	30.1	32	27.9	24.4	26.2	33	20.5	91	91	57	43	58	83	70.5	------
26	61.94	62.62	62.99	60.50	60.83	62.29	61.86	22.4	21	28.4	30.5	27	24.4	25.6	32.5	20.3	91	93	65	60	72	78	76.5	------
27	61.17	61.80	62.17	60.04	61.08	62.32	61.43	22.4	22	29.8	29.8	27.4	25.4	26.1	30.5	21	91	91	63	75	71	84	79.2	.5
28	61.38	62.35	63.54	60.82	61.17	62.87	62.02	24.2	23.9	28	31.8	27.4	26	26.9	32.9	23.2	91	92	79	58	67	76	77.2	------
29	61.46	62.45	63.21	60.49	60.99	62.55	61.86	22.8	21	30.2	32.5	27.5	23.6	26.3	33.1	20.4	91	96	58	49	64	82	73.3	------
30	61.75	62.17	62.85	60.38	61.19	62.89	61.87	21.6	21	28	29.6	26.5	23	25	31.2	20.4	91	93	66	61	62	86	76.5	------
31	61.91	62.61	63.33	60.86	62.26	63.52	62.42	21.4	21	29.3	33	27.7	24.9	26.2	33.2	20.2	91	91	65	49	64	82	73.7	------
Mean	61.15	61.59	62.40	60.17	60.69	62.19	61.37	23.4	22.6	28.9	31.2	27.3	24.9	26.4	32.3	21.9	94.5	96.2	71.1	62.2	73.8	87.3	80.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.6

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	2	S	1	N	2	SW	2	SW	2	Calm	----	10	Ci.-S.	Cu.-N. SSW	6	Ci. ESE	Cu.-N. NW
2	Calm	----	SW	1	N	2	N	3	NW	1	Calm	----	3	Ci.	Cu.-N.	4	Ci.	Cu.-N.
3	Calm	----	Calm	----	N	1	N	2	Calm	----	N	1	7	A.-Cu.	Cu.-N.	6	Ci.-S.	Cu.-N. E
4	NE	1	NE	1	N	2	N	1	Calm	----	N	1	4	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. E
5	N	2	NE	2	NE	3	NE	2	ESE	1	NE	2	2	Ci.	------------	4	A.-Cu.	Cu. ESE
6	N	2	NNE	2	N	1	NE	1	SE	1	N	2	4	Ci.	Cu.-N. E	6	Ci.-S.	Cu.-N. E
7	N	2	N	2	N	2	SE	3	SE	2	N	1	4	Ci.	Cu.-N. E	9	Ci.	Cu.-N. E
8	N	2	N	1	N	2	N	2	E	2	E	1	1	------------	Cu.	5	Ci.	Cu.-N. NE
9	N	1	Calm	----	E	2	E	2	E	3	E	2	2	A.-Cu.	Cu.	4	A.-Cu.	Cu. NE
10	N	2	N	2	N	2	E	3	E	2	N	1	2	Ci.	------------	5	Ci.	Cu. E
11	N	1	Calm	----	NE	2	N	2	N	2	N	2	5	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. NE
12	NW	1	NW	1	NW	2	NE	2	E	4	E	1	1	A.-Cu.	S.-Cu.	4	Ci.	Cu. E
13	N	1	N	1	N	2	E	2	E	2	Calm	----	1	Ci.	S.-Cu.	6	Ci.	Cu. NE
14	NE	1	NE	1	NE	2	SE	1	SE	1	N	1	6	A.-Cu.	Cu. NE	6	Ci.	Cu. E
15	N	1	N	1	NE	2	ESE	4	ESE	2	N	1	2	Ci.	Cu.	7	Ci.	Cu. E
16	N	1	SE	1	NE	2	E	3	SE	1	SE	1	1	Ci.	Cu.	5	Ci.	Cu. E
17	N	1	N	1	NE	3	ESE	3	ESE	3	ESE	1	3	Ci.	Cu.-N.	8	A.-Cu.	Cu.-N. E
18	N	2	N	2	E	2	E	2	E	2	N	1	0	------------	S.	6	A.-Cu.	Cu.-N. E
19	N	1	Calm	----	N	1	NE	3	Calm	----	Calm	----	6	A.-Cu.	Cu.-N. E	6	A.-Cu.	Cu.-N. E
20	NW	1	NW	1	NE	3	E	4	E	2	E	1	5	Ci.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
21	N	1	N	1	N	2	E	3	E	3	E	1	1	------------	Cu.	6	A.-Cu.	Cu. E
22	N	1	N	1	N	1	SE	3	SE	2	N	2	5	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
23	N	2	NE	2	NE	3	ESE	4	ESE	2	N	2	5	Ci.	Cu.-N. E	2	A.-Cu.	Cu. E
24	N	1	NE	2	NE	3	E	4	E	3	NE	2	1	------------	Cu.	2	Ci.	Fr.-Cu. E
25	N	1	N	2	NE	4	E	5	E	2	E	1	0	------------	Cu.	2	Ci.	Cu. E
26	N	1	N	1	N	2	E	4	SE	3	SE	2	8	Ci.	S.-Cu.	6	Ci.	Cu. E
27	Calm	----	NE	1	E	2	NE	3	E	4	E	2	9	Ci.-S.	Cu. E	6	Ci.	Cu. E
28	E	1	NE	1	N	3	E	4	E	4	E	1	8	Ci.	S.-Cu. E	6	Ci.-S.	Cu.-N. E
29	N	2	N	2	N	3	SE	4	SE	4	N	2	1	------------	Cu.	3	Ci.	Cu. E
30	N	1	N	1	E	4	E	4	E	4	N	2	3	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
31	N	2	N	1	N	3	E	4	E	3	N	1	6	Ci.	Cu.-N. E	5	Ci.	Cu. E
Mean	-------	1.2	-------	1.2	-------	2.3	-------	2.9	-------	2.2	-------	1.2	3.7	------------	------------	5.7	------------	------------

SAN ISIDRO.

[$\phi=15° 22'$ N; $\lambda=120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.23	62.87	63.68	61.61	62.39	63.66	62.74	23.2	22.1	29.2	32	27.2	24.2	26.3	32.6	21.4	90	94	67	54	71	86	77	------
2	62.74	62.38	62.80	60.66	61.63	63.12	62.22	24.2	22.5	30.8	32.4	27.6	25	27.1	33.2	21.9	90	96	63	52	69	88	76.3	------
3	61.74	61.57	61.41	59.51	60.09	61.19	60.92	22.8	21.5	29.6	31.5	27.5	24.6	26.2	33	20.9	91	96	64	56	68	87	77	------
4	60.88	61.69	61.97	59.30	60.14	61.68	60.94	22.2	20.9	29.6	33.4	28.7	24.5	26.6	34	20.3	91	95	66	46	67	82	74.5	------
5	60.89	61.13	61.84	59.47	60.19	61.47	60.83	22	20.1	29.4	33	29.1	25.9	26.6	34.1	19.6	96	99	68	54	61	75	75.5	------
6	60.26	60.64	60.94	59.16	59.73	61.02	60.29	22.8	21.4	30	32.4	27.5	25.4	26.6	33	21	91	98	65	55	69	76	75.7	------
7	60.23	60.65	60.98	59.21	60.05	61.20	60.39	22	20.9	29	29.5	26.3	24	25.3	32.5	20.4	91	96	69	73	86	95	85	0.8
8	59.96	60.31	60.63	58.37	59.79	60.93	60	22.8	22	29.4	31.5	27.5	24	26.2	32.4	21.2	95	95	64	61	74	88	79.5	------
9	60.16	60.51	60.69	58.72	59.94	61.65	60.28	22.4	21.5	29.6	32.7	29.4	25.9	26.9	33.9	21	95	95	66	54	68	81	76.5	------
10	59.96	60.67	60.92	58.64	59.78	61.09	60.18	24.5	23	29.7	32.4	27.6	25.6	27.1	33.4	22.1	92	95	68	51	66	80	75.3	------
11	60.08	60.73	60.59	58.16	59.15	60.75	59.91	23.9	23.1	30	32.4	28.2	25.4	27.2	32.6	22	92	94	63	52	62	80	73.8	------
12	59.72	60.58	60.72	58.70	59.60	61.03	60.06	23.4	22.5	30.4	30.6	27.1	25.4	26.6	32.6	21.9	91	94	57	60	75	84	76.8	.5
13	60.12	60.35	61.07	58.92	60	61.19	60.28	24.4	23.4	28.4	31.1	27	25	26.6	31.6	22.8	91	97	75	56	70	80	78.2	------
14	60.34	60.97	61.14	58.55	59.17	60.73	60.15	22	22.2	30	32.5	28.3	24.8	26.6	33.6	21.6	89	91	69	55	68	85	76.2	------
15	59.71	60.58	60.81	58.72	59.29	60.97	60.01	24	23.4	29.5	31.5	27.5	25	26.8	33.4	22.5	91	95	69	57	66	82	76.7	------
16	60.08	60.42	60.74	58.16	58.79	60.20	59.73	22.8	20.4	29.7	30.3	27.2	24	25.7	32.3	19.9	93	95	61	62	73	91	79.2	------
17	59.16	59.66	60.59	58.27	58.84	60.15	59.44	24.2	23.6	29.6	31.6	27.9	24.5	26.9	32.2	22.9	91	91	67	58	68	84	76.5	------
18	58.96	59.80	60.64	58.45	58.89	60.71	59.58	22.5	21	30.1	33	27.4	25.2	26.5	33.1	20.5	92	95	67	46	64	74	73	------
19	60.11	61.13	61.32	58.95	59.67	61.10	60.38	21.5	20	29.7	32.8	27.7	24.8	26.1	33.1	19.5	91	95	66	57	72	84	77.5	------
20	60.48	61.44	61.74	59.19	59.81	61.15	60.63	23.2	21.6	29.7	33	29	25.8	27	33.7	21	91	77	69	57	75	85	79	.5
21	60.83	61.21	61.96	59.40	59.67	61.12	60.70	24.2	22.4	29.4	32.4	28.5	25.4	27	34	21.9	91	96	69	58	66	84	77.3	------
22	60.36	61.45	61.94	59.45	59.97	61.42	60.76	24.8	22.8	29.7	32	27.6	25.5	27.1	33.1	22.4	85	93	64	55	70	80	74.5	------
23	60.88	61.21	61.47	59.04	59.99	61.63	60.70	23.4	21.4	30.2	33.4	28.2	25	26.9	34	20.8	91	96	67	54	69	83	76.7	------
24	60.78	61.59	61.99	58.72	59.11	61.27	60.58	23	21.4	29.9	32.8	28.5	26.7	27	33.7	20.9	91	96	69	54	75	82	77.8	------
25	59.96	60.38	60.92	58.74	60.34	62.04	60.40	24	22.2	30.3	32.7	28.4	25.4	27.2	33.5	21.7	91	98	63	54	66	84	76	------
26	61.06	61.94	62.30	59.40	60.64	62.08	61.24	23.5	21.9	30.4	32.4	27.8	25.9	27	34.1	21.2	92	95	62	52	67	78	74.3	------
27	60.80	61.41	62.52	60.37	61.27	62	61.40	24.7	24.5	28.4	29.6	25.5	24.4	26.2	31	23.6	87	92	75	75	85	98	85.3	4.6
28	61.02	61.33	61.90	59.27	60.48	61.05	60.84	23.6	22.8	28.5	30.3	27	24.5	26.1	32.6	22.2	97	97	77	62	73	87	82.2	------
29	60.24	60.45	61.49	59.27	60.45	61.77	60.61	23	21	28.6	30.9	27.5	24.6	25.9	31.5	20.6	95	96	63	59	73	87	78.8	------
30	60.76	61.06	61.68	59.25	60.47	61.65	60.81	23.2	23	30	32.1	27.8	25	26.8	33.6	22.3	91	92	67	57	74	87	78	------
Mean	60.48	61	61.45	59.12	59.98	61.37	60.57	23.3	22	29.6	31.9	27.8	25	26.6	33	21.4	91.5	95.1	66.6	56.5	70.3	83.9	77.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.4

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	N	1	NE	4	E	3	E	3	E	1	6	Ci.	Cu. E	7	Ci.	Cu.-N. E
2	N	1	N	1	N	3	E	4	E	1	E	1	1	------------	Cu.	2	A.-Cu.	Cu. E
3	N	1	N	1	ENE	1	E	4	E	4	N	1	4	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
4	N	1	NE	1	E	3	SW	2	Calm	----	N	1	2	Ci.	S. E	3	A.-Cu.	Cu. SE
5	N	1	N	2	N	2	SW	3	E	2	Calm	----	1	Ci.	Cu.	2	A.-Cu.	Cu. SE
6	N	1	Calm	----	NE	2	E	3	E	2	E	1	8	------------	Cu. N	3	A.-Cu.	Cu. E
7	N	1	N	1	E	2	NE	5	E	1	N	1	1	------------	Cu.	6	A.-Cu.	Cu.-N. E
8	N	1	N	1	E	1	E	3	E	2	N	1	1	A.-Cu.	Cu.	7	Ci.	Cu.-N. E
9	N	1	N	1	N	1	E	3	E	1	E	2	1	------------	Cu. E	5	A.-Cu. SE	Cu. E
10	N	1	N	1	NE	2	E	3	E	4	N	1	0	------------	Cu.	4	A.-Cu.	Cu. E
11	N	1	N	1	E	4	SE	3	E	3	E	2	7	Ci.	Cu. E	2	A.-Cu.	Cu. E
12	N	1	N	1	E	4	SE	4	E	3	N	2	3	Ci.	Cu. E	6	A.-Cu.	Cu. E
13	N	1	N	1	E	3	E	5	E	4	N	2	6	Ci.	Cu.-N. E	4	Ci.	Cu.-N. E
14	N	2	N	2	E	2	E	2	E	4	N	3	5	Ci.	Cu. E	4	Ci.	Cu. E
15	N	1	N	1	E	3	N	2	E	3	N	1	9	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
16	N	1	N	2	ENE	2	E	2	E	2	N	1	0	Ci.	------------	7	Ci.	Cu.-N. E
17	N	1	NE	1	E	3	E	4	E	2	N	2	6	Ci.	Cu. E	5	Ci.	Cu. E
18	N	1	N	1	NE	3	E	3	E	4	E	2	0	------------	------------	2	A.-Cu.	Cu. E
19	N	2	N	1	N	2	E	3	E	2	N	2	0	------------	Cu.	3	A.-Cu.	Cu. E
20	N	1	N	1	N	2	SE	2	E	1	N	1	2	A.-Cu.	Cu. E	5	A.-Cu.	Cu. SE
21	N	1	N	1	N	3	E	1	E	2	E	1	1	Ci.	Cu.	5	A.-Cu.	Cu. E
22	N	1	N	1	NE	2	E	3	E	3	N	2	3	Ci.	Cu.	3	A.-Cu.	Cu. E
23	N	2	N	2	N	2	E	1	E	3	E	1	2	Ci.	Cu.	4	A.-Cu.	Cu. E
24	N	2	N	2	N	3	N	3	N	3	N	2	1	Ci.	Cu.	4	A.-Cu.	Cu. E
25	N	1	N	1	ENE	3	E	3	E	2	N	2	1	Ci.	------------	2	A.-Cu.	Cu. E
26	N	1	N	1	N	2	E	5	E	1	E	1	6	Ci.	Cu.-N. NE	6	Ci.-S.	Cu. E
27	NE	2	NE	2	NE	3	N	2	NE	1	NE	2	9	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
28	NE	2	NE	1	NE	2	E	6	ENE	3	NE	2	5	Ci.	Cu. ENE	7	Ci.-S.	Cu. E
29	N	1	N	2	N	3	NE	2	NE	2	N	1	6	Ci.	Cu. E	6	Ci.	Cu. E
30	N	1	N	1	NE	2	N	3	E	3	NE	2	5	Ci.	S.-Cu. E	6	A.-Cu.	Cu. E
Mean	-------	1.2	-------	1.2	-------	2.5	-------	3.1	-------	2.4	-------	1.5	3.4	------------	------------	4.6	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.06	61.40	61.72	59.66	60.39	62.06	61.05	23	22.5	29.5	32.3	27.7	24	26.5	33.5	21.6	95	96	70	60	72	91	80.7	------
2	61.74	62.06	62.39	59.86	60.67	61.98	61.45	23	22.7	29.6	32.5	27.6	25.2	26.8	33.1	22.1	93	94	66	53	73	86	77.5	------
3	60.83	61.69	61.93	59.30	59.99	61.25	60.83	24	23	29.4	33.3	28.4	25.2	27.2	33.7	22.5	95	99	72	55	70	85	79.3	------
4	60.52	60.66	61.42	59.30	59.79	61.09	60.46	23.4	21.9	30.3	32.7	28.2	24.8	26.9	33.6	21.4	93	96	64	57	72	85	77.8	------
5	60.02	60.31	60.92	58.69	59.57	61.12	60.10	23.5	22.4	29.6	32	27.5	24.5	26.6	32.7	21.6	94	96	70	60	71	92	80.5	------
6	60.58	60.79	61.08	58.99	59.74	61.27	60.41	23	21.6	29	32.3	28	25	26.5	33.5	20.9	95	95	71	60	71	83	79.2	------
7	60.53	61.13	61.64	59.04	59.64	61.28	60.54	23.6	22.4	29.5	32.4	27.5	25.1	26.8	33.5	21.4	91	95	63	46	64	80	73.2	0.5
8	60.53	60.61	60.91	59.08	60.04	60.94	60.35	24.5	22.8	29.7	30.2	25.1	24.5	26.1	32.8	22.4	92	93	57	60	83	87	78.7	2
9	60.68	61.13	61.66	59.30	60.10	61.38	60.71	23.8	22.6	29.9	32	27.3	24.4	26.7	32.7	22.1	90	91	55	43	61	80	70	------
10	60.67	61.14	61.48	59.18	59.97	61.79	60.70	23.5	21.8	28.9	31.1	27.9	25.8	26.5	32.3	21.4	85	88	57	56	69	81	72.7	1.3
11	60.78	61.55	61.94	59.02	59.72	61.05	60.68	23.8	23	28.4	31.1	27.2	24.7	26.4	32.5	22.4	93	96	71	55	65	81	76.8	------
12	60.21	60.38	61.34	58.87	59.97	61.29	60.34	23.5	23.1	27.8	32	28	24.6	26.5	32.6	22.3	89	90	82	52	64	90	77.8	1.1
13	60.46	60.79	61.73	59.26	60.87	61.69	60.80	24	22.4	29.2	30.9	27	24.8	26.4	32.3	21.8	91	95	71	60	72	83	78.7	.5
14	61.14	61.59	62.57	59.74	60.65	61.63	61.22	23.8	23	28	30.2	26.4	25	26.1	31.5	22.4	93	98	71	65	66	80	78.8	------
15	60.80	60.87	61.60	59.68	60.97	62.38	61.05	23.6	23	28.5	29.8	27.3	24.6	26.1	31	22.5	91	92	70	71	75	87	81	------
16	61.86	62.49	63.44	61.17	61.47	62.94	62.23	22.8	22	29	30.8	27.5	26.5	26.4	32.2	21.4	91	93	68	63	73	76	77.3	------
17	61.92	62.65	63.69	60.90	61.42	62.92	62.25	25.2	23.1	28.6	32.4	27.6	24.3	26.9	33	22.6	87	95	67	52	68	83	75.3	------
18	61.77	62.55	63.78	60.57	60.77	61.99	61.90	22	21	27.9	33.2	29.8	26.8	26.8	33.4	20.3	91	95	71	50	66	78	75.2	------
19	60.66	61.32	62.51	60.06	61.12	62.09	61.29	23.6	21.6	28.8	32.1	26.5	23.8	26.1	33.6	21.3	91	99	75	63	82	97	84.5	3.3
20	60.78	61.40	62.47	60.34	61.03	62.04	61.34	22.8	21.5	27.6	30.6	26.7	23.4	25.4	31.5	20.9	98	99	73	65	71	88	82.3	------
21	60.82	61.30	61.91	59.09	59.90	60.89	60.65	21.2	20.1	28.5	31.4	27.9	24.2	25.6	33	19.8	96	99	71	61	74	90	81.8	------
22	59.88	60.61	61.52	58.41	59.07	60.68	60.03	23	22.5	27.1	33.5	27	25.5	26.4	34	21.5	93	96	83	58	84	91	84.2	------
23	60.41	60.91	62.02	59.30	60.42	62.02	60.85	23.4	23.2	28.4	32.2	27.5	26.4	26.8	33.7	22.5	97	98	80	52	68	75	78.3	------
24	61.54	62.08	62.69	60.33	61.09	62.89	61.77	25	23.3	29	31.4	27.5	24.3	26.8	32.2	22.5	83	89	61	56	70	93	75.3	4.1
25	61.98	63.24	63.57	61.30	61.97	63.46	62.59	23.6	23	29.3	30.6	27.1	23.2	26.1	32.4	22	95	96	60	57	70	81	76.5	------
26	62.93	63.61	63.79	60.82	61.88	63.76	62.80	20.6	18.6	28.9	32	26.8	22.6	24.9	32.8	18	94	94	63	46	61	82	73.3	------
27	62.61	63.55	64.18	61.30	61.93	63.22	62.80	20.6	18.6	28	31.3	26.2	22.2	24.5	32.1	18.1	85	96	63	49	63	81	72.8	------
28	62.43	63.30	64.05	61.20	61.37	63.01	62.56	19.8	18.5	27.4	31.3	26.5	22.5	24.3	32	17.7	85	92	67	47	60	78	71.5	------
29	62.11	62.48	63.05	59.71	59.95	61.11	61.40	20	18	27.7	31.8	26.9	23.2	24.6	32.6	17.5	94	98	61	47	67	84	75.2	------
30	60.54	61.10	62.24	59.93	60.33	61.86	61	21.7	20	27.6	30.6	26.4	23.5	25	31.2	19.2	87	92	66	55	68	82	75	------
31	61.44	61.97	63.23	60.51	61.08	62.46	61.78	21.5	19.6	27.8	32	27.3	23	25.2	32.4	19	87	94	65	49	61	81	72.8	------
Mean	61.10	61.63	62.34	59.80	60.54	61.92	61.22	22.9	21.7	28.7	31.7	27.3	24.4	26.1	32.7	21.1	91.4	94.8	67.9	55.6	69.5	84.2	77.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	N	1	N	1	E	4	E	2	N	2	2	Ci.	Cu. E	5	A.-Cu.	Cu. E
2	N	1	N	1	NE	2	NE	2	NE	2	NE	2	2	Ci.	Cu. E	4	Ci.	Cu. E
3	NE	1	Calm	----	N	2	E	4	E	2	E	2	9	Ci.	Cu. E	2	A.-Cu.	Cu. E
4	N	1	N	1	E	2	E	4	E	2	N	2	1	Ci.	Cu.	5	Ci.	Cu. E
5	N	2	N	1	E	2	E	3	E	2	N	1	3	Ci.	Cu. E	5	A.-Cu.	Cu. E
6	N	1	N	1	N	2	E	4	E	3	E	1	3	Ci.	Cu.	2	Ci.	Cu. E
7	N	1	N	1	N	1	E	3	E	4	E	2	0	Ci.	----------	3	A.-Cu.	Cu. E
8	N	1	N	1	N	2	N	4	N	1	N	1	4	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
9	N	1	N	1	NE	3	E	4	E	2	N	1	6	A.-Cu.	S.-Cu. E	3	Ci.	Cu. E
10	N	1	N	1	NE	3	SE	5	SE	1	N	2	4	Ci.	Cu. E	5	A.-Cu.	Cu. E
11	N	1	N	1	N	3	NE	4	E	4	N	2	6	Ci.	Cu.-N. E	5	Ci.	Cu. E
12	N	1	N	1	NE	2	E	4	E	2	E	1	9	Ci.-S.	Cu.-N. SE	3	Ci.	Cu. E
13	NE	1	NE	1	NE	2	E	3	E	2	E	1	4	Ci.	S.-Cu. E	5	Ci.	Cu. E
14	N	1	N	1	SE	2	SE	2	SE	4	N	1	10	Ci.-S.	Cu.-N. E	7	Ci.	Cu.-N. E
15	N	2	N	1	N	2	SE	2	SE	5	N	1	6	Ci.	S.-Cu. E	7	Ci.	Cu.-N. ESE
16	N	1	N	1	E	5	E	5	E	4	E	2	9	Ci.-S.	S.-Cu. E	6	Ci.	Cu.-N. E
17	N	1	N	1	N	2	SE	3	SE	3	N	1	5	Ci.	Cu. E	4	Ci.	Cu. E
18	N	1	N	1	NE	2	NE	3	NE	1	N	2	1	Ci.	Cu.	2	A.-Cu.	Cu. E
19	N	2	N	1	NE	2	NE	2	NE	3	N	2	2	Ci.	S.	5	A.-Cu.	Cu.-N. E
20	N	2	N	1	N	2	NE	3	E	4	N	2	2	Ci.	Cu.	6	A.-Cu.	Cu. E
21	N	1	N	2	NE	3	E	3	E	3	N	2	1	Ci.	Cu.	3	A.-Cu.	Cu. E
22	N	1	N	1	N	1	NE	2	NE	2	N	1	5	Ci.	Cu. E	5	Ci.	Cu.-N. E
23	N	1	N	2	NW	3	NW	3	E	3	E	2	6	Ci.	S.-Cu. NNW	5	A.-Cu.	Cu. NW
24	N	1	N	1	N	2	ESE	5	ESE	4	N	3	6	Ci.	Cu. NE	6	Ci.	Cu. ESE
25	N	2	N	1	NE	2	E	3	E	2	N	1	3	Ci.	S.-Cu. E	5	Ci.	Cu. E
26	N	2	N	2	NE	3	NE	3	E	3	N	2	1	----------	Cu.	4	A.-Cu.	Cu. E
27	N	2	N	2	N	3	E	3	ESE	3	N	2	1	----------	S.	1	A.-Cu.	Cu. E
28	N	2	N	2	N	2	E	3	E	2	N	1	2	Ci.	Cu. E	5	A.-Cu.	Cu. E
29	N	1	N	1	N	2	N	1	E	4	N	2	1	Ci.	S.	5	A.-Cu.	Cu. NE
30	N	1	N	1	NE	3	E	3	E	3	N	2	3	Ci.	S.	5	Ci.	Cu. E
31	N	1	N	1	E	3	E	4	E	2	N	1	2	Ci.	S.	2	A.-Cu.	Cu. E
Mean	------	1.3	------	1.1	------	2.3	------	3.3	------	2.7	------	1.6	3.8	----------	----------	4.4	----------	----------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.83	64	64.82	62.35	62.98	64.58	63.76	23.1	22.2	29.4	29.8	26.5	23	25.7	33.3	21.9	69	67	50	55	72	78	65.2	------
2	63.65	64.03	65.02	62.39	62.94	64.17	63.70	22	20	29.4	28.1	26	23.5	24.8	30.3	19.6	78	85	55	69	79	80	74.3	------
3	63.57	63.73	65.41	62.83	63.61	64.72	63.98	22.5	21.5	29.5	29.6	26.7	24.1	25.6	30.9	21.1	73	77	56	61	74	66	67.8	------
4	63.69	63.62	64.78	61.93	62.93	64.63	63.60	23	22.5	29.2	32.5	26.5	22.5	26	33.7	22	70	69	52	46	59	73	61.5	------
5	64.12	64.34	65.03	61.68	62.33	64.01	63.58	23	21.9	29.2	30.6	26.6	26.1	26.2	33.7	21	70	77	54	53	75	82	68.5	------
6	63.31	64.08	64.71	62.23	63.11	64.46	63.65	23.9	21.5	29.5	29	26.1	26	26	32.3	21	87	87	58	64	79	73	74.7	------
7	63.86	64.08	65.39	62.74	63.41	64.50	64	24.5	23.8	27.5	28.5	25.1	24.5	25.6	29.8	23.2	77	70	56	54	71	75	67.2	------
8	64.18	64.65	65.73	63.81	64.74	66.29	64.90	20.9	19.5	28.2	27	25.1	23.4	24	31.7	19.1	86	91	56	58	52	52	65.8	------
9	65.54	66.15	67.35	64.48	65.24	66.41	65.86	21	20	26.5	30.3	24.1	20	23.6	31.8	19.2	61	63	48	35	55	73	55.8	------
10	65.53	65.85	66.83	63.97	64.44	65.53	65.36	19.1	18.5	27	28.6	24.4	21.1	23.1	31.3	18.1	75	74	47	49	70	72	64.5	------
11	64.48	64.37	65.40	62.45	63.10	63.80	63.93	19.6	19	27	31.5	25	21.5	23.9	32.8	18.5	75	75	49	35	65	78	62.8	------
12	62.78	62.87	63.69	61.45	61.91	62.90	62.60	19.5	18	27.9	28.4	25	21.5	23.4	29.7	17.6	85	89	57	52	68	79	71.7	------
13	61.95	62.51	63	61.05	61.60	62.33	62.07	19.5	19	27	28	25.4	25	24	29.4	18	89	89	62	63	80	79	77	------
14	61.47	62.40	63.06	61.03	61.85	62.36	62.03	20.6	20	28	29.6	26	23.1	24.6	32.1	19.6	94	94	66	57	72	86	78.2	------
15	62.45	62.85	63.11	60.68	61.43	62.95	62.24	21.3	20.1	28.9	33.1	26.6	24.3	25.7	34.5	19.6	89	90	52	41	75	82	71.5	------
16	62.61	62.78	63.23	61.65	62.68	63.08	62.67	22.7	20.6	30	29.1	27.1	24.1	25.6	33.5	20	82	90	59	66	65	70	72	------
17	62.50	62.97	63.95	61.25	62.59	63.43	62.78	23.1	22.1	29.1	28.1	26	23.1	25.2	33.4	21	74	76	57	67	72	74	70	------
18	63.05	63.27	64.01	60.80	61.75	62.66	62.59	22	20.1	28.6	29.3	25.5	25	25.1	32	19.1	79	84	50	49	71	71	67.3	------
19	61.72	61.83	62.25	59.34	60.75	61.98	61.31	21.5	20.5	28.4	29.4	26	25.5	25.2	32.2	19.5	88	90	58	58	69	69	72	------
20	61.32	61.71	62.48	59.54	59.98	61.46	61.08	22.2	21.6	27.6	28	25.6	24	24.8	29.3	21	87	91	66	70	77	86	79.5	------
21	60.66	60.93	61.74	59.58	60.15	61.83	60.82	21.8	20.1	29	28.6	25.6	24.1	24.9	32.2	19.6	89	90	55	60	78	86	76.3	------
22	61.05	61.75	62.59	60.14	60.64	62.16	61.39	21	19.9	29	29.5	26	23.8	24.9	33.2	19.5	93	90	54	58	75	85	75.8	------
23	61.45	61.58	62.53	60.57	61.15	62.89	61.70	21.3	20.5	28.6	27.5	26	23.1	24.5	32.2	20.1	91	85	56	70	76	77	75.8	------
24	62.40	62.15	63.09	60.32	60.55	61.70	61.70	22.1	21	28.9	29.1	25.6	25.5	25.4	31.8	20.6	76	77	54	60	75	80	70.3	------
25	60.90	61.15	62.20	59.59	60.20	61.72	60.96	23.2	21.6	28.6	28.6	25.5	23.5	25.2	31.9	21	83	84	60	66	78	71	73.7	------
26	61.30	61.16	62.35	60.32	60.99	62.80	61.49	21.9	21	29.4	28.1	26.4	24.5	25.2	32.6	20.6	76	77	52	62	73	80	70	------
27	63	62.66	63.03	60.63	60.66	62.09	62.01	21.3	19.5	28	28.4	25.5	23.5	24.4	30.6	19	87	89	59	64	79	87	77.5	------
28	61.55	61.63	62.04	59.41	59.76	61.03	60.90	22.8	21.6	28.6	28.5	26.2	25.2	25.5	33.9	21.4	81	80	56	60	74	80	71.8	------
29	60.85	61.14	61.64	59.28	59.73	61.15	60.63	23.1	21.6	29.3	30	26	25.3	25.9	33.7	21.1	81	81	55	55	76	81	71.5	------
30	60.35	60.90	61.47	59.35	60.09	61.54	60.62	23.7	23	30	30.5	26.5	26	26.6	31.7	22.6	90	83	58	56	76	80	73.8	------
31	60.90	61.25	61.98	59.42	59.85	61.43	60.80	23.2	23	29.5	31.5	28.5	25.2	26.8	33.3	22.9	85	84	61	56	63	74	70.5	------
Mean	62.58	62.85	63.67	61.17	61.84	63.12	62.54	21.9	20.8	28.6	29.3	25.9	23.9	25.1	32.1	20.3	81.3	82.2	55.7	57.1	71.7	76.7	70.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	NNW	N	S	66	59.5	49.9	38.4	213.8	9	A.-Cu.	S.-Cu.	1	Ci.	Cu.
2	S	Calm	Calm	NNW	Calm	S	17.9	34	66.8	43	161.7	0	Ci.	Cu.	1	Ci.	Cu.
3	S	S	SE	NW	Calm	SSE	76.4	38.9	37.8	71.8	224.9	0	Ci.	Cu.	1	Ci.	Cu.
4	S	S	SSE	S	SSE	S	85.9	91.7	92.5	83.7	353.8	3	A.-Cu.	S.-Cu.	5	A.-Cu.	S.-Cu.
5	S	SE	SE	NW	NNW	NW	61.7	62.3	73.2	50.7	247.9	8	A.-Cu.	S.-Cu.	1	-----------	Cu.
6	S	SE	SSE	NNW	NW	NNW	31.7	45.3	95.6	103	275.6	8	A.-Cu.	S.-Cu.	1	Ci.	Cu.
7	N	N	NNW	NW	NW	N	83.7	78.6	120.7	77.2	360.2	1	Ci.	Cu.	1	Ci.	Cu.
8	Calm	NE	ESE	NNW	ESE	SE	26.2	60.7	65.4	113.7	266	1	Ci.	Cu.	8	Ci.-Cu.	S.-Cu.
9	SSE	SSE	SSE	SSE	SE	S	118.1	117.8	116.7	100.9	453.5	2	Ci.-Cu.	Cu.	1	Ci.	Cu.
10	S	S	SSE	NNW	Calm	S	93.3	81.1	67.9	61	303.3	9	A.-Cu.	S.-Cu.	1	Ci.	Cu.
11	S	S	SSE	SSE	NW	SW	71.8	85.1	58.4	52.1	267.4	1	Ci.	Cu.	0	-----------	Cu.
12	S	E	SE	NNW	N	SW	26	44.8	78.4	26.8	176	0	-----------	Cu.	1	Ci.	Cu.
13	S	SE	Calm	NNW	NW	NW	43.7	38.1	88.8	75.8	246.4	0	Ci.	-----------	1	Ci.	Cu. S
14	Calm	N	SSE	NW	NW	NW	23.6	45.4	97.6	-----	-------	3	A.-Cu. SW	S.-Cu.	1	Ci.	Cu.
15	SE	SSE	SSE	E	N	SW	-----	-----	62.3	85.7	-------	1	Ci.	Cu.	3	Ci.	Cu.
16	SW	SE	SSE	N	SE	SE	40	51.2	43.7	73.7	208.6	1	Ci.	Cu.	9	A.-Cu.	S.-Cu. ESE
17	SSE	SE	SE	N	N	SSW	66.5	74.6	72.2	39.1	252.4	1	Ci.	Cu.	8	-----------	Cu. SE
18	SE	SE	SSE	N	NNW	N	46.9	46.4	92	67.3	252.6	7	Ci.-S.	Cu.	2	Ci.	Cu.
19	Calm	SE	SSE	NNW	NW	NW	29	57.4	86.1	77.5	250	1	Ci.	Cu.	2	Ci.	Cu.
20	NW	Calm	SSE	NW	NW	SW	30.1	33	107.8	55.5	226.4	1	Ci.	S.-Cu.	1	Ci.	Cu.
21	SW	S	S	NNW	NW	NW	31.9	48.8	98.8	42	221.5	2	Ci.	Cu.	2	Ci.	Cu.
22	SW	SE	SE	NNW	NNW	SW	33.2	52.9	85.6	42	213.7	4	Ci.	Cu.	9	Ci.-S.	Cu.
23	SW	SE	SSE	NNW	Calm	S	28.5	48.3	74.3	42.8	193.9	1	Ci.	S.-Cu.	10	A.-Cu.	S.-Cu. ESE
24	S	S	S	N	NNW	NW	67.9	54.7	101.1	69.5	293.2	5	Ci.-Cu.	S.-Cu.	2	Ci.	Cu.
25	S	S	SE	N	NW	SSE	38	57.9	82.7	65.2	243.8	4	Ci.-Cu.	S.-Cu.	3	-----------	Cu.
26	S	SSE	SSE	N	NNW	S	78.9	82.4	75.8	-----	-------	1	Ci.	Cu.	7	Ci.-S.	Cu.
27	S	S	SSE	NNW	NW	S	24.1	42.6	96.6	48.3	211.6	1	Ci.	Cu.	3	Ci.	Cu.
28	SSE	S	SSE	NNW	NNW	WSW	80.5	87.2	74.5	47.5	289.7	1	Ci.	S.-Cu.	7	Ci.-Cu.	Cu.
29	SW	SE	SE	NW	NW	NW	38.9	59.5	86.6	66.5	251.5	4	Ci.	S.-Cu.	4	Ci.	Cu. SE
30	Calm	SE	SSE	NNW	NNW	NW	32.4	44.5	83.1	47.2	207.2	9	A.-Cu.	S.-Cu. ESE	3	Ci.	Cu.
31	SW	S	SSE	SE	S	Calm	34.4	82.4	67.1	27.1	211	8	Ci.-Cu.	S.-Cu. SE	7	A.-Cu.	S.-Cu.
Mean	-----	-----	-----	-----	-----	-----	50.9	60.2	80.6	60.2	252.8	3.1	-----------	-----------	3.4	-----------	-----------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.50	60.91	61.80	59.08	59.49	60.55	60.39	23.1	22	30	30.5	26.4	25.9	26.3	33.3	21.8	81	86	57	56	80	81	73.5	------
2	60.30	60.51	61.59	59.02	59.75	61.26	60.40	24.1	22	28.9	29.6	26	25.6	26	31.3	21.4	87	89	67	66	79	83	78.5	------
3	60.95	61.11	62	59.09	59.62	61.38	60.69	23.5	21.1	29.9	31	27	24	26.1	32.3	20.8	83	84	57	62	78	75	73.2	------
4	60.30	60.81	61.40	59.30	59.88	61.38	60.51	22.9	21.4	30	28	27.5	25	25.8	33.4	21	79	84	57	66	65	71	70.3	------
5	60.95	60.82	62.33	59.79	59.65	61.59	60.86	22.4	21.1	28.5	32.8	27.4	25	26.2	33.6	20.6	83	89	64	51	70	75	72	------
6	60.65	61.32	62.71	60.18	60	61.45	61.05	22.2	20.6	28.8	30	26.5	25.9	25.7	31.3	20.3	89	90	60	59	76	76	75	------
7	60.70	60.62	61.50	58.58	58.98	60.95	60.22	23.5	22	29.7	33.5	28.9	24.1	27	34.5	21.9	79	86	55	42	55	74	65.2	------
8	60.95	61.44	62.64	60.53	60.89	61.96	61.40	22.3	21.9	27.8	29.5	26.5	25.6	25.6	30.8	21.1	84	87	63	61	68	72	72.5	------
9	61.15	61.81	63.06	60.35	60.54	62.65	61.59	24.2	20.9	29.5	29.9	25.8	24.5	25.8	31.3	20.6	72	85	58	59	77	83	72.3	------
10	61.55	61.87	63.03	60.64	60.49	62.35	61.66	23	21.5	28.8	29.9	26.5	24.6	25.7	31.3	21.1	78	78	56	62	73	82	71.5	------
11	62	62.47	63.49	61.80	61.44	63.28	62.41	22.5	20.2	28	28.5	25.8	24.5	24.9	29.6	20	82	91	60	62	72	75	73.7	------
12	63.07	62.93	64.13	62.26	62.21	63.74	63.06	23.1	19.5	26.5	27.5	24.5	22	23.8	28.4	19	76	93	65	63	71	84	75.3	------
13	63.13	63.07	63.91	61.69	61.89	63.25	62.82	21	20	28.5	29	25.4	23.1	24.5	31.5	19.5	82	83	50	54	76	80	70.8	------
14	63.04	63.22	64.19	61.60	62.18	63.17	62.90	21.1	19.5	27.5	29.5	26.5	23.5	24.6	30.5	18.8	81	86	58	54	72	71	70.3	------
15	62.66	62.58	63.83	61.14	61.53	62.80	62.42	22.2	21.4	28.6	32	28.5	24	26.1	33.3	21	75	78	56	45	57	66	62.8	------
16	62	62.22	63.43	60.74	61.50	63.11	62.17	22.6	21.3	28.9	32.8	27.9	23.9	26.2	33.9	20.6	72	75	46	40	51	64	58	------
17	62.51	62.22	63.57	60.83	61.21	62.55	62.15	22.2	20	29.5	29	26	25.1	25.3	33.1	19.5	67	78	51	60	76	80	68.7	------
18	61.60	62.17	63.51	61.02	61.08	62.65	62	22.2	21.4	29.2	29.1	26.1	25.4	25.6	32.3	20.6	88	85	59	60	76	80	74.7	------
19	62.05	62.27	63.25	60.87	61.04	62.15	61.94	22	20.7	28.9	30.8	26.5	25.5	25.7	32	20	91	89	56	48	68	74	71	------
20	61.17	61.70	62.80	60.25	60.73	61.66	61.38	21.3	18.5	29	30.5	26.7	25	25.2	33.4	18.4	83	91	54	50	71	83	72	------
21	61.25	61.33	62.10	59.85	60.54	61.66	61.12	22.2	20.6	28.5	31.4	26.2	25.5	25.7	33.3	20	91	91	57	48	75	71	72.2	------
22	60.85	60.22	61.05	58.96	59.38	61.39	60.31	22.2	21	28.9	33.5	26.7	25.5	26.3	34.6	20.5	86	86	52	32	71	79	67.7	------
23	60.84	61.33	62.33	60.33	60.59	61.58	61.17	22.3	20	29	31	26	24.5	25.5	33.2	19.6	88	94	58	50	68	78	72.7	------
24	60.55	60.85	62.25	60.22	60.35	61.63	60.98	24	19.5	28.4	29.6	25.7	25.1	25.4	31.3	19	70	91	57	54	67	71	68.3	------
25	61.06	61.21	62.06	59.97	59.75	61.59	60.94	24.1	19.8	29.4	30.9	25.4	24.5	25.7	32.3	19.1	70	87	56	49	72	71	67.5	------
26	61.24	61.38	63.06	60.51	61.05	62.46	61.62	21,3	19.8	27.6	31.5	27.5	24.1	25.3	32.8	19.1	87	89	64	49	62	78	71.5	------
27	61.50	62.27	63.25	61.06	60.97	62.86	61.98	22.9	21.8	29.5	31.2	28.5	25	26.5	33.3	21.1	77	80	52	50	54	64	62.8	------
28	62.59	62.72	64.16	61.73	61.38	63.34	62.65	22.8	21.5	80.5	29.2	26.2	25.5	26	31.6	20.8	76	78	47	63	79	84	71.2	------
Mean	61.47	61.69	62.80	60.41	60.65	62.16	61.53	22.6	20.8	28.9	30.4	26.6	24.7	25.7	32.3	20.3	80.6	85.8	56.9	54.1	70	75.9	70.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	NW	NW	NNW	36.7	51.8	105.9	89.9	284.3	7	A.-Cu.	S.-Cu. E	2	------------	Cu.
2	Calm	Calm	S	NW	NW	Calm	23.6	41.2	88.5	52.6	205.9	3	Ci.-Cu.	S.-Cu.	1	------------	Cu.
3	Calm	W	SE	NNW	N	S	21.5	51.2	70.3	35.2	178.2	0	Ci.	Cu.	1	------------	Fr.-Cu.
4	S	SE	SE	NNW	SE	SSE	53.6	42.1	67	62.5	225.2	1	Ci.	Cu.	9	A.-Cu.	S.-Cu. ESE
5	SE	SE	SSE	SSE	NNE	SE	36.2	63	73.2	36.4	208.8	8	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu. ENE
6	SE	SE	SEbyE	NW	NW	NNW	32.5	43	101.7	74.6	251.8	8	A.-Cu.	S.-Cu.	1	Ci.	Cu.
7	SE	S	SSE	SSE	SE	SE	62.5	72.7	66.2	70.3	271.7	4	Ci.	S.-Cu.	5	Ci.	S.-Cu.
8	Calm	Calm	SE	NW	NW	NNW	29.6	32.5	86.7	105.7	254.5	9	A.-Cu.	S.-Cu.ENE	6	Ci.	Cu.
9	NNW	Calm	S	NNW	NW	W	52.1	35.4	93.3	48.3	229.1	3	Ci.	S.-Cu.	1	Ci.	Cu.
10	S	SE	ESE	NW	NbyW	W	74.6	41.5	82.3	54.2	252.6	0	Ci.	Cu.	6	A.-Cu.	Cu.
11	SE	Calm	SW	NW	NW	NNW	31.6	36	125.5	130.4	323.5	0	------------	Cu.	1	------------	Cu.
12	N	NE	NNW	NW	NW	S	50.2	39.4	103.5	50.5	243.6	0	Ci.	Cu.	0	Ci.	Cu.
13	S	S	SSE	NNW	NW	S	64.4	57.6	96.8	52.6	271.4	2	------------	S.-Cu.	4	A.-Cu.	S.-Cu.
14	S	SE	SE	NW	NW	SE	54.1	44.1	70.3	62.2	230.7	2	Ci.	Cu.	8	A.-Cu.	S.-Cu. SE
15	S	SSE	SSE	SE	SE	SSE	72.2	90.1	108.8	88.3	359.4	6	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu. SSE
16	SSE	S	SSE	SSE	SE	S	75.6	107	96.3	56.1	335	0	------------	Cu.	2	Ci.	Cu.
17	S	SSE	S	NNW	NW	W	54.1	60.4	94.6	42.3	251.4	0	------------	Cu.	1	------------	Cu.
18	SW	SW	S	NNW	NW	NW	30.1	43.8	100.9	70.8	245.6	7	A.-Cu.	S.-Cu.	1	Ci.	Cu.
19	NW	WSW	SSE	NW	NW	NW	27.2	52.6	86.1	59.7	225.6	2	------------	S.-Cu.	1	Ci.	Cu.
20	SE	Calm	SSE	NW	NW	NW	32.5	49.7	82.9	53.7	218.8	0	------------	------------	0	------------	Cu.
21	Calm	W	SE	NW	NW	NW	25.1	45.3	91.1	68.9	230.4	1	Ci.	S.-Cu.	2	------------	Cu.
22	S	SE	SSE	SE	NW	NW	47.8	92.2	82.6	85.5	308.1	0	------------	Cu.	1	------------	Cu.
23	N	N	SE	NNW	NW	NW	27.4	50.7	111.2	109.2	298.5	0	Ci.	Cu.	8	Ci.-S.	Cu.
24	NW	E	E	NW	NNW	NW	51.8	35.2	107.6	79.7	274.3	0	Ci.	Cu.	1	------------	Cu.
25	NW	Calm	SSE	NW	NW	NW	29.6	35.7	100.1	82.4	247.8	1	Ci.	S.-Cu.	0	------------	Cu.
26	NW	Calm	E	SSE	S	SSE	20.7	40.2	68.6	77.9	207.4	1	Ci.	S.-Cu.	9	A.-Cu.ESE	Cu.
27	SE	S	SSE	SE	SE	SSE	69.5	78.1	95	87.5	330.1	7	A.-Cu. SE	S.-Cu.	9	A.-Cu.	S.-Cu. ESE
28	SSE	SE	SSE	NNW	NW	NW	38	66	104.6	61.8	270.4	1	Ci.	S.-Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	43.7	53.5	91.5	69.6	258.4	2.6	------------	------------	3.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	7,234.1	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N ; λ=120° 20′ E ; barometer above sea, 2.7 meters ; gravity correction not applied, —1.67 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.60	63.02	64.17	61.93	61.78	63.25	62.79	22.2	21.1	29.2	29	26.5	25.6	25.6	32.7	20.9	92	90	59	64	80	82	77.8	------
2	62.51	63.04	63.68	61.13	61.58	63.45	62.56	23.4	22.9	31	29	26.6	25	26.3	32.7	22.2	90	88	57	67	79	80	76.8	------
3	62.20	62.22	62.87	60.37	59.93	61.76	61.56	23.3	22.5	29.6	34.5	27.5	24.5	27	35.5	22.1	79	78	55	38	66	71	64.5	------
4	60.75	60.64	61.59	58.57	58.53	60.09	60.03	22.2	20	30.4	32	27	25.6	26.2	35.2	19.8	78	86	48	51	69	75	67.8	------
5	59.15	59.02	59.38	56.63	57.43	58.92	58.42	22.7	21.5	31.5	36.5	27.5	25.5	27.5	37.3	21	82	87	53	40	76	83	70.2	------
6	57.61	57.83	58.92	56.18	56.61	58.88	57.67	25.2	25	31.5	34	30.4	27.1	28.9	36.4	24.5	77	79	56	51	69	81	68.8	------
7	57.80	58.12	59.59	56.70	57.65	59.75	58.27	26.2	25	29.5	30.4	27.5	27	27.6	32.9	24.5	83	87	72	72	84	87	80.8	6.8
8	58.75	58.50	59.33	56.67	57.31	59.64	58.37	24.8	24.5	31	35.6	29.2	27.2	28.7	36.8	24	96	95	64	45	76	75	75.2	------
9	58.50	58.60	59.61	57.14	57.65	59.45	58.49	25.3	23.2	31.5	36	28	27.1	28.5	36.8	23	86	93	53	40	77	80	71.5	------
10	58.90	59.20	60.47	57.62	57.67	59.19	58.84	25.1	23.9	30.4	36.1	28.8	27	28.6	36.8	23.3	87	83	58	42	78	84	72	------
11	58.65	58.76	60.07	57.46	57.65	59.32	58.65	25.2	23.5	30.3	32.5	28	27	27.8	33.7	23	90	85	62	54	80	83	75.7	------
12	58.55	59.52	60.54	58.59	58.80	60.03	59.34	25.5	23.5	31	32.6	27.6	27	27.9	34.7	23	85	83	53	53	79	80	72.2	------
13	59.33	59.91	61.38	59.09	58.99	60.80	59.92	24.4	23.5	31	32.2	28	27.2	27.7	33.9	23	93	95	59	55	77	81	76.7	------
14	59.93	60.81	61.90	59.79	59.79	61.88	60.68	26.7	26	29.5	30	27.5	27	27.8	31.4	23.6	85	83	66	67	73	77	75.2	------
15	60.65	61.51	62.58	60.31	60.18	61.28	61.08	26.4	24.1	30.3	31.5	29	26	27.9	34.9	24	79	89	59	53	64	72	69.3	------
16	60.01	60.53	61.62	59.36	59.98	62.03	60.59	24.6	23.8	32	31.5	28.6	26.1	27.8	35.3	23.1	74	77	51	56	73	83	69	1
17	61.50	62.21	63.15	60.82	61.43	63.35	62.08	24	23	31.2	32.5	28	26.9	27.6	36.3	22.9	87	85	58	54	74	80	73	------
18	62.81	63.54	64.59	62.23	62.38	63.95	63.25	24.2	22.5	30.5	30	27.5	27	27	32.8	22.4	94	90	58	70	80	80	78.7	------
19	62.59	63.03	63.36	60.38	60.19	61.88	61.90	25.1	23.6	32	32.1	28	25.5	27.7	35.4	23.1	90	85	49	55	77	78	72.3	------
20	60.60	61.01	61.85	58.49	58.63	59.78	60.06	24.3	24	31.5	32.2	27.7	26.5	27.7	34.8	23.4	86	87	54	55	79	80	73.5	------
21	58.91	59.45	60.85	58.27	57.99	59.54	59.17	25.8	23	30.1	31	27.5	27	27.4	33.6	23	81	90	64	62	73	76	74.3	------
22	58.89	59.74	60.88	57.81	58.33	60.12	59.30	25	23	31.6	32.5	27.6	26.5	27.7	34.8	22.6	83	87	53	52	76	76	71.2	------
23	59.22	59.82	60.72	58.04	58.12	59.87	59.30	23.5	22.5	31.9	33	28.4	27	27.7	36.5	22.1	90	90	49	52	72	80	72.2	------
24	59.20	59.99	61.27	58.26	58.64	60.30	59.61	24.1	21	31.5	37	28.4	27	28.2	37.8	21	88	90	45	33	67	76	66.5	------
25	59.50	60.21	61.27	58.77	58.61	60.35	59.78	25.1	23	32.5	34.5	28.5	27.5	28.5	36.4	22.5	83	86	49	43	73	79	68.8	------
26	59.61	60.09	60.82	58.39	58.60	60.67	59.70	24.5	22.5	32.2	32	28	26	27.5	36.8	22	77	78	47	54	74	83	68.8	------
27	60.22	60.66	61.55	58.79	58.77	61.01	60.17	23.6	22.1	31	30.1	27	25	26.5	33.9	22	75	72	38	57	77	87	67.7	------
28	60.26	60.91	61.56	58.52	59.01	61.06	60.22	23.7	22.5	31.9	37	28.1	25.3	28.1	37.6	22	74	70	40	30	69	86	61.5	------
29	60.88	61.10	61.61	58.58	58.68	60.97	60.30	23.9	22	32.7	32	29	27	27.8	36.4	21.6	78	82	48	59	67	77	68.5	------
30	60.53	60.09	61.14	58.56	57.99	59.33	59.61	26.2	25	29.5	30.8	27.5	26.5	27.6	31.4	24.5	80	87	66	64	77	80	75.7	------
31	58.65	58.73	59.38	56.63	56.80	58.30	58.08	26.1	24	31.5	31.6	27.4	26.5	27.8	35.9	23.5	82	87	59	68	81	83	76.7	------
Mean	59.98	60.38	61.35	58.71	58.89	60.65	59.99	24.6	23.2	31	32.6	27.9	26.4	27.6	35.1	22.7	84	85.3	54.9	53.4	74.7	79.8	72	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	S	S	NNW	NW	NNW	34.4	41.3	107.8	86.1	269.6	8	A.-Cu. S	S.-Cu.	3	Ci.	Cu.
2	NE	NE	SSE	NNW	NW	SW	27.7	52.6	118.6	53.7	252.6	1	Ci.	S.-Cu.	2	A.-Cu.	Cu.
3	SE	SE	SE	SSE	NW	SE	75	95.3	77.4	31.4	279.1	1	Ci.	------------	2	Ci.	Cu.
4	SE	SE	SSE	NW	NNW	NW	43.8	66.6	79.9	57.3	247.6	0	Ci.	Cu.	1	------------	Cu.
5	Calm	SW	SSE	SSE	N	Calm	26.8	74.3	85.3	44.1	230.5	0	------------	------------	1	------------	Cu.
6	SE	SSE	SE	SE	NNW	N	75.3	105.9	74	71.4	326.6	2	A.-Cu.	S.-Cu.	7	A.-Cu. S	Cu.
7	Calm	NE	NW	NNW	NW	N	23.5	46.2	119.6	69.2	258.5	1	Ci.	S.-Cu.	1	Ci.	Cu.
8	S	SE	SSE	SSE	N	N	31.7	87.4	83.1	46.7	248.9	6	Ci.-S.	S.-Cu.	1	Ci.	Cu.
9	N	N	SE	S	NW	NW	22.8	72.7	94.6	65.5	255.6	0	Ci.	Cu.	1	------------	Cu.
10	W	SW	S	SSW	NNW	NW	28.2	61	59.7	51.7	200.6	1	Ci.-Cu.	S.-Cu.	2	Ci.-Cu.	Cu.
11	NW	SE	SE	NW	NW	NW	27.2	46.4	37.3	35.6	146.5	2	------------	S.-Cu. ESE	1	A.-Cu.	Cu.
12	E	E	SE	NW	NW	NW	34.6	55	92	70.2	251.8	1	A.-Cu.	S.-Cu.	1	------------	Cu.
13	Calm	S	S	NNW	N	NW	23.5	49.6	89.6	77.7	240.4	1	A.-Cu.	S.-Cu.	1	------------	Cu.
14	NW	N	NW	NW	NW	NW	29	65.4	87.5	93.8	275.7	9	A.-Cu.	S.-Cu. ENE	0	------------	Cu.
15	NW	Calm	SSE	SSE	S	SE	29.6	61.7	60.7	58.5	210.5	2	A.-Cu.	S.-Cu. SE	10	------------	Fr.-N.
16	S	Calm	SSE	Calm	NW	NW	63.4	61.2	28.5	45.3	198.4	1	------------	S.-Cu.	4	------------	S.-Cu. SE
17	SE	SE	S	NW	NW	NW	21.7	60.7	88.3	69.7	240.4	0	A.-Cu.	S.-Cu.	7	A.-Cu.	S.-Cu. SE
18	Calm	SW	SE	NNW	NW	NW	19.5	32.5	123.6	80.8	256.4	0	Ci.	Cu.	1	------------	Cu.
19	SE	SE	SE	NNW	NW	S	41.2	61.8	109.2	45.6	257.8	3	A.-Cu.	S.-Cu.	2	Ci.-Cu.	Cu.
20	Calm	S	SSE	NW	NNW	NW	12.9	49.6	96.9	89.8	249.2	9	A.-Cu.	S.-Cu. SE	2	A.-Cu.	Cu.
21	NW	Calm	SSE	NW	NNW	NW	29.2	36.8	109.9	81.9	257.8	3	Ci.	S.-Cu.	2	Ci.	Cu.
22	NW	E	SSE	NW	NW	NW	39.2	56	113.7	61.2	270.1	4	Ci.	S.-Cu.	1	Ci.	Cu.
23	Calm	S	SSE	NW	NW	NW	26.4	52	101.9	71.8	252.1	0	------------	Cu.	1	------------	Cu.
24	SW	SW	SE	SE	NW	NW	28.2	75.4	101.9	70	275.5	0	------------	Cu.	1	Ci.	Cu.
25	SW	S	SSE	SE	NW	NW	32.2	67.6	74	56.8	230.6	1	Ci.	S.-Cu.	8	A.-Cu.	Cu.-N. SSE
26	S	S	SSE	NW	NW	SW	42.3	74	96	49.3	261.6	8	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.
27	S	S	SE	NNW	NW	NW	71.6	62.2	109.7	42	285.5	0	Ci.	Cu.	0	------------	Cu.
28	SSE	S	SSE	SE	NW	SW	60.6	81.1	86.9	41.3	269.9	1	Ci.	S.-Cu.	0	------------	Cu.
29	S	S	SSE	NNW	NW	NW	38	78.4	98.2	103.3	317.9	0	Ci.	Cu.	1	------------	Cu.
30	NW	S	NNW	NW	NW	NW	66.3	50.5	102.5	107	326.3	3	Ci.	S.-Cu.	0	------------	Cu.
31	NNW	NE	ESE	NW	NW	NW	55.3	50.5	109.1	81.9	296.8	1	Ci.	S.-Cu.	1	------------	Cu.
Mean	------	------	------	------	------	------	38.1	62.3	90.9	64.9	256.2	2.2	------------	------------	2.3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,940.8	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.85	58.77	59.78	57.14	57.79	59.32	58.44	25	23.5	31.9	36.5	27.9	26.7	28.6	37.8	23.2	85	79	48	38	78	83	68.5	------
2	58.66	59.50	60.42	58.04	58.59	60.20	59.24	24.6	22.6	32.3	34	28.4	27.4	28.2	35.4	22.4	88	86	51	48	75	80	71.3	------
3	59.45	59.65	61.18	57.38	58.98	60.84	59.58	25.8	22.4	32	34.5	28	27	28.3	37.7	22	79	82	44	43	76	80	67.3	------
4	59.30	59.83	60.36	57.87	58.65	60.76	59.46	24.9	23.6	32.5	32.5	28.3	24.6	27.7	37.7	23.5	92	95	60	66	79	91	80.5	3
5	59.90	59.93	60.78	57.81	59.85	60.12	59.73	23.4	24	31.4	32.2	25.5	24	26.8	33.8	22.9	97	91	62	64	87	91	82	55.9
6	58.91	59	60.65	57.57	58.55	60.39	59.18	23.6	24	32	32.6	28.4	23.3	27.3	34.8	22.4	91	86	63	64	81	97	80.3	27.4
7	59.32	59.65	60.70	57.94	58.42	59.81	59.31	23	22.6	29.1	31	27.9	26.6	26.7	31.8	22.5	97	97	70	68	78	80	81.7	------
8	59.44	59.83	60.58	58.27	59.41	61.60	59.86	26.3	24	32.4	35.9	28.4	23.6	28.4	37.4	23.4	82	95	59	47	78	95	76	12.7
9	60.71	61.02	62.37	59.79	60.95	62.62	61.24	23.4	23.4	31.5	34.5	27.1	25.5	27.6	35.8	22.5	94	93	62	49	83	87	78	13.2
10	61.30	61.36	62.43	59.73	59.73	61.13	60.95	24.2	23.2	30.5	34.4	29	25.9	27.9	35.8	22.9	82	85	62	46	71	83	71.5	------
11	60.18	60.28	60.92	57.93	57.85	59.39	59.42	24.5	24.5	31	34.1	29	27	28.4	36.9	24.1	85	80	59	50	68	83	70.8	------
12	58.84	59.14	60.03	57.97	58.13	59.28	58.90	24.9	24.4	31.6	31.8	29	27.5	28.2	34.8	24	88	88	62	63	71	76	74.7	------
13	58.80	58.79	60.03	57.88	57.97	59.90	58.90	25.1	23.1	31	33.9	28.8	27.7	28.3	35.1	23	88	93	60	50	75	79	74.2	------
14	59.25	59.45	60.38	58.57	58.99	60.43	59.51	26.9	24.6	32	32.5	28.5	27.9	28.7	34.3	24.4	82	90	51	52	72	74	70.2	------
15	60.10	60.16	61.54	59.41	59.40	61.57	60.36	27	25.5	32.4	32	28.5	27.5	28.8	33.4	25.5	78	83	55	57	72	78	70.5	------
16	60.80	60.55	61.08	58.03	58.05	59.75	59.71	25.2	23.8	31.9	33.5	28.6	27.9	28.5	34.3	23.5	88	91	57	53	76	77	73.7	------
17	58.85	59.16	59.88	57.26	57.69	59.25	58.68	27	24.8	31.6	31.6	28.5	27.8	28.6	33.8	24.6	81	87	59	59	75	79	73.3	------
18	58.87	58.89	59.76	57.43	58.51	60.40	58.98	26.9	24.2	32.9	34	29	26	28.8	36.8	24	79	93	55	52	74	87	73.3	------
19	59.01	59.69	60.51	57.51	58.52	60.63	59.31	24.8	25	32.5	35.4	31.8	28.5	29.7	37.5	24.5	92	92	61	50	65	71	71.8	------
20	60.42	61.20	62.07	59.64	60.06	62.18	60.93	26.2	25	32	33.5	30	28.4	29.2	34.8	24.6	82	84	58	58	71	73	71	------
21	61.35	61.70	62.07	59.11	60.05	61.63	60.98	26.9	25.4	34	37.5	30	28.4	30.4	38.4	25	82	87	57	46	81	80	72.2	------
22	60.42	60	60.79	58.26	58.67	60.46	59.77	26.7	24.5	33.6	36.5	31.7	28.5	30.2	38	24.4	74	82	49	47	71	66	64.8	------
23	59.30	59.28	59.97	57.91	58.37	59.82	59.11	26.5	24.8	33.6	33.5	29.9	26.6	29.2	37.3	24.2	72	83	50	52	71	86	69	------
24	58.86	58.60	59.97	57.60	58.61	60.33	59	24.6	24.5	33.8	37.6	30.1	29	29.9	38.7	24.1	94	96	57	44	71	77	73.2	------
25	59.25	59.32	60.26	57.71	58.08	59.96	59.10	27.4	26.5	33.6	36	30.5	28.5	30.4	38.1	26	84	87	57	46	65	78	69.5	------
26	59.35	60.03	60.53	57.54	58.12	59.89	59.24	26.5	25.5	33	37	31	29.1	30.4	38.6	25.1	86	87	54	41	71	83	70.3	------
27	59.62	59.84	60.33	58.15	57.57	59.52	59.17	26.1	24.9	33.4	37.1	30.5	29.1	30.2	38.3	24.4	81	79	50	37	62	75	64	------
28	59.18	59.14	59.16	56.69	57.47	59.02	58.44	27.4	25.1	33.9	35.6	29.8	29.1	30.2	38.3	24.6	81	86	51	48	73	79	69.7	------
29	58.35	58.37	58.42	56.40	56.96	58.59	57.85	26.2	24.4	33.5	37	31	27.9	30	37.8	24	79	82	52	41	68	64	64.3	------
30	58.27	59	59.36	57.47	57.61	59.69	58.57	26	23.9	33.2	34.9	30.1	28	29.4	36.8	23.6	71	83	51	47	67	76	65.8	------
Mean	59.46	59.70	60.54	58	58.59	60.28	59.43	25.6	24.3	32.3	34.4	29.2	27.2	28.8	36.3	23.8	84.5	87.4	56.2	50.9	73.5	80.3	72.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	112.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	SE	SSE	SE	NNW	NW	39.6	87.1	94.6	59.2	280.5	0	Ci.	Cu.	0	------------	Cu.
2	S	S	SE	NW	NW	NW	31.2	60.9	100	83.1	275.2	0	------------	------------	0	Ci.	Cu.
3	S	S	SE	NW	NW	NW	40.7	68.2	95.6	69.4	273.9	0	------------	------------	0	Ci.	Cu.
4	W	W	S	NW	NW	NW	20.3	51.3	102.4	48.9	222.9	2	------------	Fr.-Cu.	2	Ci.-Cu.	Cu. SE
5	Calm	SW	SE	NNW	S	S	15.5	33.8	82.6	56.8	188.7	1	Ci.-Cu.	S.-Cu.	5	Ci.	Cu.-N.
6	SSE	SE	SSE	N	NNW	NW	46.5	53.7	74.5	49.6	224.3	3	Ci.	------------	6	Ci.-Cu.	Cu.-N.
7	SW	Calm	SW	NW	NW	NW	14.8	30.8	103.8	101.9	251.3	7	Ci.	Cu.	2	Ci.-S.	Cu.
8	NW	E	SSE	SSE	NNW	SW	51	66.3	88.5	39.9	245.7	0	Ci.	Cu.	2	Ci.-S. S	Cu.-N.
9	S	SE	SE	SE	NW	NW	40.5	68.1	65.4	26	200	8	A.-Cu. E	S.-Cu.	5	Ci.-Cu.	Cu.
10	S	S	S	SSW	NW	SE	46.5	72.4	77	62.8	258.7	1	Ci.	Cu.	2	Ci.	Cu.
11	SSE	SE	SE	N	NW	NW	60.6	79.5	77.4	64.9	282.4	2	A.-Cu.	S.-Cu.	2	Ci.	Cu.-N.
12	S	SE	SE	wbyN	NNW	NW	22.8	47.5	90.1	75.4	235.8	6	A.-Cu.	S.-Cu.	6	A.-Cu.	N.
13	NW	SSE	SE	N	NW	NW	37.2	53.7	84.2	86.9	262	1	------------	S.-cf. SSE	1	Ci.	Cu.
14	Calm	NW	NW	NW	NW	NW	28.7	36.2	98.2	91.5	254.6	0	------------	Cu.	1	------------	Cu.-N.
15	NNW	Calm	SW	NW	NW	Nbyw	71.6	39.6	101.1	63.8	276.1	0	Ci.	------------	1	------------	Cu.
16	N	NbyE	E	NW	NW	NW	30.4	45.7	87.7	94.6	258.4	0	Ci.	S.-Cu.	1	------------	Cu.
17	NW	N	NE	NNW	NW	NW	59.7	42.3	97.1	92	291.1	1	------------	Fr.-Cu. NW	1	Ci.	Cu.
18	NW	E	SE	W	N	S	38.6	71	90.9	57.9	258.4	2	A.-Cu.	Cu.	3	------------	Fr.-Cu. S
19	Calm	S	SE	SSE	NW	NW	32	80.7	86.1	37	235.8	8	A.-Cu. N	S.-Cu.	4	A.-Cu.	Cu.
20	Calm	ESE	W	NNW	N	SW	23.1?	49.3	91.4	26.9	190.7	4	Ci.	Cu.	2	Ci.	Cu.
21	SE	SE	SSE	SSE	NW	S	24.9	80.2	92.8	66.2	264.1	1	Ci.	Cu.	4	Ci.	Cu.
22	SSE	SSE	SE	S	NNW	SE	64.2	55.5	60.4	54.7	234.8	9	Ci.-S.	Cu.	5	Ci.-S.	Cu.
23	SE	SE	SE	S	NNW	NE	47.5	85.3	90.1	53.7	276.6	1	A.-Cu.	Cu.	8	Ci.-S. SW	Cu.
24	Calm	Calm	SE	SSE	NW	NW	16.6	56.8	83.7	70.8	227.9	0	------------	------------	1	------------	Cu.-N.
25	Calm	W	SSE	NW	NW	NW	23.5	48.9	76.7	41.8	190.9	0	Ci.	S.-Cu.	2	Ci.	Cu.-N.
26	S	S	SE	SSE	N	NNW	46.2	86.6	92.3	69.7	294.8	0	Ci.	Cu.	1	Ci.	Cu.
27	S	S	SE	SE	NW	NW	47	64.2	75.6	86.1	272.9	1	Ci.	Cu.	2	Ci.	Cu.
28	NE	SE	SE	NW	NW	NW	40.2	61.8	100.3	84.2	286.5	1	Ci.	Cu.	2	Ci.	Cu.
29	SE	NE	SE	SSE	NW	SE	33.8	64.7	61.2	47.2	206.9	2	Ci.	S.-Cu.	3	A.-Cu.	Cu.
30	S	S	SE	SSE	NW	Calm	36	73.4	63	52	224.4	1	Ci.	Cu.	2	Ci.	Cu. E
Mean	------	------	------	------	------	------	37.7	60.5	86.2	63.8	248.2	2.1	------------	------------	2.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,446.3	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.11	59.58	60.06	57.34	57.82	60.26	59.03	25.9	24	33.1	37	32.6	26.5	29.8	37.5	23.9	75	78	49	39	54	79	62.3	8.6
2	59.99	60.50	61.33	58.82	58.78	60.61	60	25.3	24.6	32.5	33.5	30.4	29.1	29.2	36.7	24.1	80	82	50	49	56	70	64.5	------
3	59.95	60.04	60.54	57.56	58.03	59.81	59.32	27.4	25.4	33.9	34.1	29.9	28.8	29.9	38.8	25	72	84	51	51	68	76	67	------
4	58.70	59.19	59.51	56.76	57.73	58.62	58.42	27.1	25.1	34	36.6	30	27.3	30	38.3	25	76	78	48	42	69	79	65.3	------
5	57.77	57.71	58.14	55.05	56.20	58.53	57.23	26.1	25	33.8	37.5	27.2	24.5	29	38.8	24.1	77	80	51	41	90	87	71	45.2
6	57.46	57.93	58.46	56.01	57.06	59.40	57.72	24.6	23.7	32.6	36.5	30.1	28	29.2	37.2	23.5	87	94	59	45	77	80	73.7	.8
7	58.08	58.60	59.87	57.43	58.13	59.93	58.67	24.2	23.8	33	35	30	28.8	29.1	36.5	23.5	88	87	58	52	75	81	73.5	------
8	58.35	58.58	59.42	56.53	56.46	58.67	58	27.1	25.1	33.6	35.9	31	25.1	29.6	38.6	24.4	87	83	53	49	71	90	72.2	5.1
9	57.66	57.82	58.01	55.43	55.07	57.09	56.85	24.7	24.5	33	32.5	30	24.6	28.2	36.5	24	93	95	63	68	75	87	80.2	------
10	56.13	55.87	56.75	53.99	53.97	56.91	55.60	24.9	24.9	33	33.8	30.5	24.3	28.6	37	24.1	88	92	63	59	78	92	78.7	.8
11	56	56.30	57.09	55.29	55.90	58.10	56.45	24	24.1	32.5	34.5	31.1	23.9	28.4	36.3	23.1	95	93	65	56	71	85	77.5	1.3
12	58.15	57.99	58.37	56.97	57.35	59.17	58	23.6	24	32.9	35.5	29.5	26.4	28.6	37.4	23	89	88	60	54	74	90	75.8	1.3
13	58.15	58.54	59.42	57.78	57.56	59.41	58.48	25.4	25.2	33.1	35.5	32.1	29	30	36.8	24.8	93	92	57	49	63	81	72.5	------
14	58.73	58.65	59.26	57.51	58.22	59.53	58.65	26.2	25.4	33.5	36.4	31	28.8	30.2	37.4	24.7	85	83	56	45	71	81	70.2	------
15	58.40	59.04	59.43	57.51	57.62	58.86	58.48	26.6	25	33.5	35.1	30.5	29.5	30	37.7	24.4	83	83	55	55	75	78	71.5	------
16	58.34	58.67	59.24	57.12	57.20	58.95	58.25	27.5	26.5	34	34.5	32	27.5	30.3	37.1	26	88	86	56	54	63	79	71	------
17	58.80	59	59.29	56.82	57.87	59.42	58.53	26.3	25.5	32.8	34	30	27.6	29.4	36.5	24.9	86	88	61	59	71	76	73.5	------
18	58.79	59.01	59.46	57.17	57.43	59.27	58.52	25.6	25.5	33	35.1	31.5	28.5	29.9	37.3	24.5	81	81	55	49	62	74	67	------
19	58.10	58.54	59.13	56.39	56.48	59.28	57.99	26	26.6	32.6	33.1	30	25.5	29	37.7	25.2	87	83	59	63	67	93	75.3	1.8
20	58.05	58.01	58.78	56.30	57.43	59.07	57.94	25.2	25	32	35	29	27.5	29	37.2	24.1	93	92	66	54	81	87	78.8	1.3
21	58	58.73	59.57	58.14	58.90	60.87	59.04	26.1	25.5	32	30.9	28.5	26.4	28.2	34.8	25	91	92	65	72	82	91	82.2	1.5
22	60.10	60.35	60.63	58.27	58.69	61.25	59.88	25.4	24.9	32.6	34.5	31	24.4	28.8	36.7	23.9	94	92	64	59	71	97	79.5	44.2
23	60	59.90	60.47	58.06	57.85	59.49	59.30	23.7	23.9	32	34	30	28.2	28.6	35.5	23.4	99	96	63	56	74	82	78.3	.8
24	58.65	58.54	59.08	57.09	57.08	58.47	58.15	27.5	26	32	33.1	31.4	26.9	29.5	33.8	25.1	86	93	66	63	69	83	76.7	2
25	57.75	57.60	58.59	56.86	56.87	59.30	57.83	25.9	25.5	32.6	33.9	30.5	25.6	29	34.9	25	91	91	59	56	73	87	76.2	14.5
26	58.47	58.64	59.26	56.72	56.91	58.59	58.10	25.3	25	32.3	34	30.6	27	29	35.1	24.5	94	95	64	61	77	83	79	------
27	57.64	57.09	57.28	55.48	55.12	56.40	56.50	25.4	25.4	33.2	33.4	31	27.8	29.4	35.2	24.5	91	88	62	62	72	89	77.3	3.6
28	55.56	55.59	56.04	53.51	53.61	55.39	54.95	26.1	25.5	33	33.5	30.6	28.2	29.5	34.8	25	92	92	66	64	74	82	78.3	6.6
29	54.90	54.92	55.35	53.26	53.33	56.08	54.64	25.9	25.4	32.5	33.9	30.5	26.3	29.1	35.2	25	92	93	68	62	74	93	80.3	2.5
30	55	55.29	55.19	52.86	53.66	56	54.67	25.7	25.9	32	36	29.8	26.6	29.3	37.1	25.4	94	92	69	54	72	90	78.5	5.8
31	54.89	54.63	54.14	51.96	52.20	53.40	53.54	25.8	25.1	31.6	32	28	27.5	28.3	34	24.9	93	94	72	70	91	91	85.2	27.9
Mean	57.92	58.09	58.62	56.32	56.66	58.58	57.70	25.7	25.1	32.8	34.5	30.3	27	29.2	36.6	24.5	87.7	88.4	59.8	55.2	72.3	84.3	74.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	175.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	S	S	SE	SE	S	NW	38.9	86.7	103	37.3	265.9	1	Ci.	Cu.	1	------	Cu.
2	S	S	SSE	NW	NNW	NW	31.1	60.6	90.7	90.7	273.1	8	Ci.	S.-Cu.	1	Ci.	Cu.
3	NE	EbyS	SSE	NNW	NW	NW	35.1	74	105.7	68.7	283.5	3	Ci.-S.	Cu.	7	Ci.	S.-Cu. ENE
4	S	S	SSE	SSE	NW	SE	61.8	97.9	95	69.5	324.2	1	A.-Cu.	Cu.	5	Ci.	Cu. E
5	S	SE	SSE	S	W	NE	54.9	93.1	96.6	56	300.6	1	Ci.	Cu.	1	------	Cu.
6	N	S	SSE	S	NW	NW	27.1	59.2	84.7	94.1	265.1	2	Ci.-cu. WSW	Cu.	1	Ci.	Cu.
7	SE	Calm	S	NW	NW	NW	32.4	55.3	82.1	82.9	252.7	1	Ci.	Cu.	2	Ci.	Cu. S
8	NW	SSE	SSE	NNW	NW	SW	36.2	76.6	86.3	53.1	252.2	0	------	Cu.	1	------	Cu.
9	Calm	Calm	SE	WNW	NNW	SW	14.8	46.1	90.1	55.2	206.2	1	Ci.	Cu.	4	Ci.-S. SSW	Cu.-N.
10	SE	Calm	S	WSW	NNW	NE	30.8	39.6	68.9	63.1	202.4	0	Ci.	Cu.	8	Ci.-S. WSW	N.
11	E	SE	SE	NW	NW	SE	39.6	49.4	78.9	74.5	242.4	9	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
12	S	SE	SSE	SSE	SW	Calm	41.8	73	61.2	34.3	210.3	2	Ci.	S.-Cu.	6	------	Cu.
13	SE	S	SE	NNW	NW	Calm	25.5	64.9	64.6	52.9	207.9	0	------	Cu.	3	Ci.	Cu.
14	S	SE	SSE	SSE	NNW	W	44.3	83.7	63.1	47.3	238.4	0	Ci.	Cu.	1	Ci.	Cu.
15	S	S	SE	NW	NW	NW	36.7	58.4	91.1	72.4	258.6	1	Ci.-S.	Cu.	1	Ci.	Cu.
16	N	SW	SE	NW	NW	Calm	30.8	74.5	74.3	63	242.6	9	Ci.	S.-Cu. ENE	8	Ci.	N. ESE
17	E	E	SE	NW	NNW	SE	38.6	53.9	98	57.1	247.6	4	Ci.	S.-Cu.	6	Ci.	S.-cf. E
18	SE	SE	SE	S	W	E	62.6	84	81.1	46.5	274.2	6	Ci. NbyW	Cu.	7	Ci.	Cu.
19	SE	SE	SE	W	WSW	SE	41.3	90.9	93.3	53.1	278.6	5	A.-Cu. ESE	Cu.	7	Ci.	Cu.-N. SW
20	SE	SE	SSE	SE	NW	N	50.4	82.1	71	53.4	256.9	3	Ci.-Cu.	Cu.	4	Ci.	Cu.-N.
21	SE	SE	SSE	NW	NNW	NW	43.8	44	73.7	34.3	195.8	9	A.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
22	S	SE	SSE	NW	WNW	NW	36.2	61.8	81.5	75.6	255.1	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.
23	E	E	S	NNW	WNW	NW	26.8	60.6	82.9	66.8	237.1	2	A.-Cu.	Cu.	2	Ci.	Cu.
24	NW	Calm	N	NW	NNW	N	37.2	37.3	98.4	50.4	223.3	1	Ci.	Cu.	1	Ci.	Cu.-N.
25	E	Calm	E	NW	NNW	S	31.4	33.5	78.9	39.2	183	8	Ci.-Cu.	Cu.	2	Ci.	Cu.
26	W	Calm	S	NW	NNW	E	19.1	34.3	76.4	55	184.8	2	Ci.	S.-Cu.	6	Ci.	Cu.
27	SE	SE	SE	NNW	NW	Calm	37.5	35.4	89.3	49.9	212.1	1	Ci.	Cu.	1	Ci.	Cu.
28	SE	SE	SE	NW	NW	Calm	48	44.6	91.9	56.8	241.3	2	Ci.	Cu.	1	Ci.	Cu.
29	SE	SE	SSE	NW	NW	S	33.3	40	77.5	38.3	189.1	5	Ci.	Cu.	4	Ci.	Cu.-N.
30	SE	SE	SE	S	W	E	32.8	64.2	70.6	47.7	215.3	9	Ci.-S.	S.-Cu.	3	Ci.	Cu.
31	Calm	SSE	S	NW	WNW	SW	24.7	35.1	98.2	46.7	204.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	37	61.1	83.8	57.6	239.5	3.6	------	------	4	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,425	------	------	------	------	------	------

DAGUPAN.

[$\phi=16°\ 03'$ N; $\lambda=120°\ 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	52.15	52.03	52.73	51.97	52.27	54.15	52.55	26.2	25.4	29.5	27.6	26	26	26.8	30.7	25	97	96	81	91	95	99	93.2	20.1
2	53.11	53.80	55.03	53.55	53.87	55.80	54.19	24.5	25	26.5	28.6	27	25	26.1	30.4	24.4	100	95	87	80	84	91	89.5	3.4
3	54.80	54.81	55.96	55.06	55.18	57.38	55.53	25.2	24.5	28.4	26.9	26	24.2	25.9	31.3	23.3	90	95	80	81	85	95	87.7	23.7
4	56.51	55.91	56.70	55.48	54.79	56.56	55.99	23.2	23.9	26	26	25	25.2	24.9	27.3	23.1	100	93	84	92	87	88	90.7	42.7
5	55.81	56.64	58.78	57.35	57.68	59.32	57.60	24.2	24.2	24.5	26.5	26	24.5	25	26.9	23.9	97	97	95	86	94	94	93.8	23.6
6	58.85	58.95	59.84	58.12	58.74	60.53	59.17	24.2	24.3	28.8	32.6	29.5	27.5	27.8	34	24	97	96	83	63	68	81	81.3	------
7	59.14	58.89	59.49	57.73	57.76	59.34	58.72	25.2	24.5	31.8	35.2	29.5	28.5	29.1	35.8	24	91	95	70	54	77	84	78.5	------
8	58.10	58.48	58.94	57.66	57.50	58.12	58.13	26.8	25.7	33.2	32.2	29.5	28.2	29.3	35.8	25.2	94	94	65	68	81	83	80.8	------
9	58.15	58.35	58.81	57.24	57.68	58.75	58.16	26.2	25.6	33	36.2	30	27.8	29.8	37	24.8	95	93	61	49	75	83	76	------
10	58.15	57.96	59.12	57.92	58.27	59.53	58.49	25.9	25.6	32.5	35.6	30	29	29.8	36.5	24.7	93	93	63	50	73	78	75	------
11	58.55	58.74	58.98	57.60	57.92	58.57	58.39	27	25.7	32.8	33.5	30.5	29.1	29.8	36.3	25	90	93	58	61	70	77	74.8	------
12	57.59	58.06	58.86	57.01	57.04	58.14	57.78	27.3	26.1	33	32	29.5	28.5	29.4	35.5	25.6	88	91	63	66	77	84	78.2	------
13	57.26	57.99	58.12	56.27	57.20	58.92	57.63	26.7	25.5	32.9	36.4	28	26.7	29.4	37	24.9	91	88	61	48	84	90	77	4.9
14	58.30	58.14	58.87	57.47	58.04	58.65	58.24	25.6	24.9	32.5	31.5	28.5	26.5	28.2	35.8	24.2	92	92	63	70	73	84	79	------
15	58.09	58.43	58.63	57.16	57.18	58.17	57.94	25.2	25	33.1	33.2	30.9	29.4	29.5	36	24.5	88	88	60	60	65	74	72.5	------
16	57.35	57.80	58.27	56.02	56.02	57.90	57.23	28.3	25.6	32	32.5	30	26.5	29.2	33.8	25	80	92	65	60	73	83	75.5	------
17	57.34	57.52	57.44	55.85	56.73	57.98	57.14	25.5	25	33.1	34	27.2	26.4	28.5	37.3	24.5	89	91	63	60	80	88	78.5	3.6
18	57.26	56.94	56.91	55	55.63	56.48	56.37	25.4	25	33	34	25	26.2	28.1	36.6	24.6	93	94	61	56	96	94	82.3	12.2
19	54.41	54.20	53.05	50.66	48.89	51.68	52.15	25.6	25.4	28.4	28.1	28	24.5	26.7	29.2	23	94	92	85	78	81	95	87.5	70.9
20	53.80	55.74	56.29	55.36	55.20	56.97	55.56	22.4	22.7	25.7	28.8	26.5	25.3	25.2	29.9	21.9	98	94	88	75	85	90	88.3	20.6
21	56.55	58.01	58.36	57.46	57.68	59.08	57.86	25	24.4	26	28.4	28	26.2	26.3	29.8	24	91	94	91	81	82	90	88.2	8.1
22	57.80	58.11	58.23	56.64	56.70	59.90	57.90	25.3	25	29.5	33.5	29.5	24.4	27.9	35.2	22.6	94	95	75	61	82	97	84	124.5
23	58.21	58.15	58.09	57.10	56.97	58.60	57.85	24	25	30	31.9	31	28	28.3	34.3	23.3	95	94	71	67	68	85	80	------
24	57.81	57.91	57.89	56.60	56.05	57.60	57.31	26.5	25.5	29.5	31.5	30.1	26.7	28.3	33.9	25	88	88	72	68	71	84	78.5	------
25	57.19	57.12	57.59	56.13	56.12	58.11	57.04	25.3	24	30.1	34	29.5	25.4	28	35	23.5	89	94	71	59	78	93	80.7	63.5
26	57.59	57.87	57.74	55.93	56.07	57.33	57.09	25.4	24.9	29.9	31.5	29.6	28.5	28.3	32.9	24.1	95	96	75	66	77	80	81.5	------
27	56.75	56.55	56.38	54.97	54.44	55.68	55.80	25.9	25.3	29.5	31.8	29.5	28	28.3	33.8	25	94	95	74	65	74	84	81	------
28	54.73	54.45	54.63	53.03	53.50	54.67	54.17	27.6	27.5	30.5	31	30.1	28.3	29.2	32.8	26.6	86	86	72	71	73	84	78.7	------
29	54	53.81	54.70	53.34	53.64	54.67	54.03	27.4	25.5	31	32	30.5	29	29.2	33	25	89	95	68	65	66	74	76.2	------
30	54.25	54.89	54.64	53.48	53.43	54.68	54.23	25.6	25	29.5	31.1	31	27.8	28.3	33.4	24.5	88	92	74	72	69	84	79.8	2.8
Mean	56.65	56.88	57.30	55.84	55.94	57.44	56.67	25.6	25.1	30.2	31.6	28.7	26.9	28	33.6	24.3	92.2	93	72.6	67.4	78.1	86.3	81.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	424.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	NE	Calm	S	SE	SE	SE	37.5	44.6	54.4	46.2	182.7	10	A.-S.	N. NNW	10	A.-S.	N. SW
2	SE	SE	SE	SE	SE	SE	50.7	78.6	79.1	74.2	282.6	10	------	N.	10	A.-S.	Fr.-N.
3	SE	SE	SE	SE	SE	SE	48.1	54.9	93.9	70.5	267.4	10	A.-S.	Fr.-N.	10	A.-S.	N. SSE
4	SE	SE	SE	SE	SE	SE	84.8	106.4	61.2	78.3	330.7	10	A.-S.	Fr.-N.	10	------	N.
5	SSE	SE	SE	SE	SW	SE	75.9	58.2	46.2	48.1	228.4	10	------	N.	10	A.-S.	N.
6	S	S	SE	SE	W	Calm	31.1	54.1	49.1	16.4	150.7	10	A.-S.	Fr.-N.	9	Ci.-Cu.	S.-Cu.
7	Calm	SE	SE	SE	NW	NW	31.9	39.9	58.5?	70.2	200.5	9	Ci.-S.	Cu.	6	Ci. ENE	Cu.
8	Calm	EbyN	SE	NW	NW	NW	20.4	41.6	86.7	46.2	194.9	2	Ci.	Cu.	3	Ci.	Cu.-N.
9	NW	SE	SSE	SW	NW	NW	42.8	74.6	85.3	75.1	277.8	1	Ci.	------	1	Ci.	Cu.
10	E	SE	SE	SE	NW	NW	34.9	56.6	75.4	66.6	233.5	0	------	Cu.	1	------	Cu.
11	NW	E	SE	N	NW	NW	37.2	71.6	92.2	80.8	281.8	1	------	Cu.	1	------	Cu.
12	N	SE	SE	NW	NW	W	43.5	49.9	105.6	62.8	261.8	1	Ci.	Cu.	1	Ci.	Cu.
13	S	S	SSE	S	NW	Calm	36.8	69.5	85.5	43.8	235.6	1	Ci.	Cu.	3	Ci.-Cu.	Cu.
14	NW	SE	SE	WNW	NW	S	37.3	69.5	83.4	40.2	230.4	6	Ci.-Cu.	Cu.	8	Ci.	Cu.-N.
15	S	SE	SSE	NNW	NW	NW	42.4	60.2	88.2	78.9	269.7	1	Ci.-Cu.	Cu.	1	------	Cu.
16	N	Calm	NW	NNW	NW	ESE	34.9	43.3	103.8	54.5	236.5	0	Ci.	Cu.	1	Ci.	Cu.
17	Calm	ESE	SSE	NW	NW	N	26.6	59	71.6	25.7	182.9	2	Ci.	Cu.	4	------	Cu.-N.
18	S	Calm	SE	SSW	NNW	NW	20.1	43.5	64.4	18.3	146.3	4	Ci.	Cu.	9	Ci.	Fr.-N. E
19	Calm	ENE	NW	NNW	NW	SSE	19.1	83.2	123.4	103.5	329.2	10	------	N.	10	------	N. NNE
20	SE	SE	SE	SE	SE	SE	90.7	86.3	100.8	84.8	362.6	10	------	N. SSW	8	Ci.	Cu.-N.
21	SE	SE	SE	SE	SE	SE	48	60.4	62	30.4	200.8	10	------	N.	10	A.-S.	Fr.-N.
22	SE	SE	SE	SE	W	NE	50.7	81.3	67.6	51	250.6	10	A.-S.	Fr.-N.	8	Ci.-S.	Fr.-N.
23	S	SE	SE	S	Calm	W	38.6	79.2	79.1	36.7	233.6	9	A.-Cu.	S.-Cu.	9	Ci.-Cu.	Cu.
24	N	N	S	S	S	S	21.4	70.2	73	52	216.6	9	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
25	S	SE	SSW	S	NNW	N	31.6	53.9	62.5	47.8	195.8	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
26	N	Calm	NW	NNW	WNW	NW	15.5	27.1	75	76.4	194	5	Ci.	Cu.	2	Ci.	Cu.
27	S	S	SW	NW	WNW	NW	28.4	32	84	93.8	238.2	10	A.-S.	S.-Cu.	10	Ci.-S.	Cu.
28	WNW	W	WNW	NW	NW	NW	64.4	80	98.8	75.9	319.1	9	Ci.	Fr.-N. NW	9	A.-S.	Cu.
29	W	NNW	NNW	NNW	NW	NW	31.6	48.5	105.1	65	250.2	10	Ci.-S.	S.-Cu. NW	3	Ci.	Cu.
30	SE	SE	E	NNW	WNW	N	38.9	35.4	63.4	35.1	172.8	10	A.-Cu.	S.-Cu. S	5	Ci.	N. SW
Mean	------	------	------	------	------	------	40.5	60.4	79.3	58.3	238.6	6.6	------	------	6.3	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,157.7	---	------	------	---	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	54.11	54.97	55.08	54.08	54.93	57.70	55.14	26	25.8	31	32	27.5	25	27.9	34.7	24.5	90	90	71	71	84	92	83	13.5
2	56.02	55.98	56.91	55.26	55.83	57.84	56.31	24.4	24.1	29.5	32.5	28.5	26.6	27.6	34.9	23.5	96	97	78	66	78	94	84.8	14.5
3	56.23	56.58	56.69	55.40	55.13	56.65	56.11	25.5	25.1	30.5	29	28.5	25.6	27.4	33.7	24.9	96	96	74	77	80	91	85.7	------
4	55.34	55.50	55.88	54.83	54.42	55.85	55.30	25.1	25	30.5	29.1	28.9	26.4	27.5	33.8	24.6	94	95	65	83	75	85	82.8	2.3
5	54.96	54.11	54.56	53.30	53.55	55.02	54.25	25.1	24.3	29.6	29.5	26	25.3	26.6	31.8	24	92	96	74	72	89	93	86	10.4
6	53.70	53.28	53.68	52.16	51.61	52.85	52.88	24.7	24.4	25.1	26.5	25.5	24.8	25.2	27.8	24	95	96	94	91	95	97	94.7	51.3
7	51.85	51.22	51.94	51.12	51.34	52.94	51.74	24.5	24.5	26.9	27.5	24.8	24.5	25.4	28.5	24.1	96	95	89	87	96	96	93.2	85.9
8	52.33	52.64	54.97	55.06	54.46	55.96	54.24	24.4	24.5	25	24.5	25	24.5	24.6	25.8	24	96	96	96	94	95	95	95.3	62.2
9	55.86	55.46	55.80	55.53	55.59	57.02	55.88	25	25	29.1	27.9	28.5	26.7	27	31.4	24.4	93	95	83	88	81	90	88.3	3.3
10	56.07	56.17	56.44	55.48	55.65	56.83	56.11	25.5	25	30.5	31.7	28.5	27.6	28.1	32.8	24.6	96	97	74	70	81	83	83.5	6.5
11	55.66	55.66	55.76	55.20	55.44	55.88	55.60	27	26.5	29.5	29.7	28.5	28	28.2	31.4	26.1	83	91	81	76	81	84	82.7	1.3
12	54.85	54.73	55.54	54.87	55.29	56.48	55.29	26.9	28	30.4	32	27.6	27	28.6	33.9	26.4	91	84	75	69	87	91	82.8	5.3
13	55.09	55.57	56.64	55.70	55.95	56.53	55.91	26	26	29.4	31	29	27.5	28.2	31.8	25.6	94	95	79	75	77	86	84.3	1.5
14	56.35	56.87	57.42	56.44	56.80	58.55	57.07	26	25.6	30	31	27.5	26	27.7	32.6	25.5	94	96	77	71	84	91	85.5	1.1
15	57.50	57.53	58.02	56.22	57.08	58.68	57.50	25.9	25.1	30	33.5	27	23.9	27.6	34.3	23.5	90	92	74	66	84	95	83.5	70.4
16	57.24	57.03	57.01	55.02	55.54	56.65	56.42	23.8	23.7	29.5	32	27.4	25.9	27	33.2	23.4	96	97	76	66	88	92	85.8	5.3
17	55.25	55.06	55.74	54.03	54.45	56.27	55.13	24.8	24.6	30	33.6	29	26	28	34.8	24	97	94	74	60	74	89	81.3	------
18	55.68	55.41	55.80	54.32	54.05	56.53	55.30	25	24.8	31.4	33.5	28.9	26.5	28.4	35.2	24.3	95	92	67	61	78	91	80.7	------
19	56.05	56.16	56.39	54.76	54.96	58	56.05	25.6	25.3	31	34.7	29.6	24.2	28.4	35.8	24	91	93	71	56	80	94	80.8	27.7
20	57.10	57.33	56.77	55.02	56.07	57.44	56.62	24.6	24.7	32	34.8	26.5	24.9	27.9	35.4	24.5	95	96	70	60	87	92	83.3	5.3
21	56.52	56.47	57.79	55.53	56.29	57.63	56.70	24	24.4	30	32.6	26.9	25.7	27.3	33.8	23.9	95	96	77	62	83	88	83.5	------
22	56.37	55.88	55.49	53.92	53.93	55.88	55.24	25	25	30.5	34	29.5	27.3	28.6	35.2	24.5	94	94	72	57	75	85	79.5	------
23	55.01	54.08	54.38	53.27	53.33	54.46	54.09	25.9	25	31	31.6	26.4	26	27.6	34.3	24.5	94	94	71	70	96	94	86.5	36.8
24	53.70	53.56	54	53.76	53.65	54.85	53.92	25.6	25	29.9	25.5	27	26	26.5	32.9	24.5	93	95	72	92	87	91	88.3	40.7
25	53.95	53.54	54.20	52.86	53.42	54.87	53.81	25.5	24.9	29	27	25	24	25.9	33.3	23.8	91	92	79	89	95	96	90.3	55.7
26	54.09	53.61	55.46	54.51	55.33	56.89	54.98	23.7	23.8	25	24.9	24	22.9	24	26.3	22.6	93	95	95	95	96	99	95.5	126.8
27	56.52	55.87	57.55	56.90	57.09	57.60	56.92	22.7	22.5	23	24	23.8	23	23.2	24.3	21.8	97	96	96	95	88	95	94.5	65.6
28	56.95	57.90	58.78	57.39	57.22	58.69	57.82	22.8	23	29.1	30.9	29.5	26.5	27	32.8	22.5	97	95	76	65	75	87	82.5	------
29	57.99	58.64	58.94	57.50	57.88	59.80	58.46	25.6	25.1	31.5	31.5	29.5	25.7	28.2	33.3	25	91	95	66	64	74	86	79.3	------
30	58.17	58.55	59.04	57.58	57.60	58.67	58.27	25	24.6	28.4	31.9	30	27	27.8	33.4	24	91	94	78	63	71	83	80	------
31	57.59	58.21	58.73	56.99	57.24	59.23	58	25.6	24.4	30.6	33.1	27.6	27.1	28.1	34.8	24	88	91	68	60	82	83	78.7	------
Mean	55.62	55.60	56.17	54.97	55.20	56.72	55.71	25.1	24.8	29.3	30.4	27.5	25.7	27.1	32.5	24.2	93.4	94.2	77.2	73.3	83.7	90.6	85.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	693.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	E	SE	SE	W	SW	Calm	65	71.4	70.2	27.9	234.5	10	A.-S.	Fr.-N. ssw	9	------------	Fr.-N.
2	S	SE	S	W	S	SE	52.6	57.9	64.2	26.9	201.6	10	------------	N.	9	Ci.-Cu.	Fr.-N. SE
3	SE	SE	SE	W	SW	SE	50.4	59.7	74.8	48.6	233.5	10	------------	N. SE	9	Ci.	Fr.-N. sw
4	SE	SE	SE	SE	NW	W	40.4	59.3	67.8	49.1	216.6	10	Ci.-S.	S. SE	10	A.-Cu.	N.
5	SW	S	SE	N	Calm	SbyE	34.9	58.7	66.5	32	192.1	9	Ci.	Fr.-N. SE	10	Ci.-S.	N. SW
6	SE	SE	SE	SE	ESE	SE	37	42.3	32.8	48.5	160.6	10	------------	N.	10	Ci.	N. SW
7	SE	SE	SE	S	S	SSW	47.3	63	40.7	38.8	189.8	10	Ci.-S.	Fr.-N. ssw	10	------------	N. SSW
8	SE	SE	SE	SE	SE	SE	63.8	51.5	58.4	43.8	217.5	10	------------	N. SbyW	10	------------	N.
9	SE	SE	SSE	Calm	W	Calm	45.9	57.9	34.4	24.9	163.1	10	Ci.-S.	Fr.-N.	9	Ci.	Fr.-N. sw
10	Calm	Calm	N	NW	SW	W	10.7	38.8	66	51.8	167.3	3	A.-Cu.	S.-Cu.	8	Ci.	Fr.-N. sw
11	W	SW	W	W	W	W	43.1	61.8	72.1	52.8	229.8	10	A.-S.	N. WSW	10	A.-S.	Fr.-N. WSW
12	W	WNW	W	WSW	W	Calm	53.7	69.5	83.4	38.4	245	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	Cu.
13	Calm	SW	SE	WSW	W	Calm	13.1	35.4	58.5	23.1	130.1	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Fr.-N. sw
14	S	SSE	SE	NE	W	S	29.3	47.7	39.7	36.8	153.5	10	Ci.-S.	S.-Cu.	9	Ci.-S.	N. WSW
15	S	SE	SE	S	SSE	E	45.6	56.8	56	53.7	212.1	9	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N.
16	E	E	S	NE	NE	W	33.8	52.6	53.3	36.7	176.4	10	Ci.-S.	S.-Cu.	8	Ci.	N. SW
17	Calm	SE	SE	SE	SW	SE	28	76.7	78.1	58.9	241.7	9	A.-Cu. WbyN	S.-Cu.	2	Ci.	Cu.
18	SE	SE	SE	SSE	SW	E	43	80.7	77.9	40.4	242	2	Ci.	S. SSE	7	Ci.-Cu. SSE	Cu.
19	SE	SE	SE	SSW	N	Calm	47.7	66	77.7	40.8	232.2	9	------------	Fr.-N. ESE	5	Ci.	Cu.
20	E	Calm	SE	SE	S	Calm	27.1	55	54.4	23.9	160.4	7	A.-Cu.	S.-Cu.	8	Ci.	N. ESE
21	Calm	Calm	S	W	NE	W	11.8	25.1	61.7	38.9	137.5	9	Ci.-S.	S.-Cu.	2	Ci.	Cu.
22	S	SbyE	SE	SSE	NW	NE	26.6	65.5	66.5	48.9	207.5	9	Ci.	S. SSE	2	Ci.	Cu.
23	SE	SE	SE	SW	SE	SE	35.7	50.4	55.3	38.1	179.5	0	Ci.	Cu.	8	Ci.-S.	N.
24	SE	SE	SE	SE	E	ESE	38.6	55.3	55.7	50.7	200.3	10	------------	S. SE	10	------------	N.
25	SE	SE	SE	WSW	SE	SE	64.7	56.6	63.1	85	269.4	10	Ci.-S.	Fr.-N. SW	10	------------	N.
26	SE	SE	SE	S	SE	SSE	67.1	55.3	44.8	56.6	223.8	10	------------	N. SW	10	------------	N. WSW
27	NE	SE	SE	SE	S	S	48.3	45.9	42.6	38.6	175.4	10	------------	N. WSW	10	------------	N.
28	S	S	SE	NNW	N	Calm	31.2	36.4	56	25.2	148.8	10	A.-S.	S.-Cu.	4	Ci.-Cu.	Cu.
29	W	W	E	N	NW	S	16.9	32.4	60.2	36.2	145.7	6	Ci.-Cu.	S.-Cu. wsw	8	Ci.-Cu.	Cu.
30	SE	SE	SE	SE	ESE	S	27.7	53.9	44.5	28.8	154.9	10	A.-S.	S.-Cu.	8	Ci.-Cu.	Cu.
31	S	SE	SE	SE	WSW	Calm	39.7	84.7	84.2	31.6	240.2	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	39.4	55.6	60	41.2	196.2	8.7	------------	------------	8.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,082.8	----	------------	------------	----	------------	------------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.20	58.66	59.08	57.16	58.38	59.79	58.54	24.8	24.5	31.2	33.5	28	25.9	28	35.3	24.1	97	95	68	55	84	84	80.5	4.5
2	58.70	58.80	58.93	57.42	57.22	58.68	58.29	26.4	24.7	30	31.5	29.1	28	28.3	32.3	24.5	91	95	71	68	77	84	81	------
3	57.90	57.67	58.05	56.59	56.27	57.55	57.34	25.7	24.5	30.2	30.9	29.4	27.9	28.1	31.9	24.2	94	95	71	69	71	77	79.5	------
4	57.12	56.74	57.90	56.67	56.65	58.20	57.21	25.6	24.6	31.5	31.6	30	27.5	28.5	33.1	24.5	88	92	66	68	71	73	76.3	------
5	57.30	56.70	57.85	56.64	56.75	58.16	57.23	24.7	24.5	31.6	31.6	28.6	27.6	28.1	34.3	24	92	93	65	62	76	79	77.8	------
6	57.17	57.25	58.20	56.55	56.49	57.88	57.26	25.2	24.5	29.5	31.5	29.5	28.4	28.1	32.8	24.1	93	93	74	65	73	77	79.2	------
7	57.25	57.31	58.02	56.02	56.43	57.80	57.14	25.9	25	30.5	33.6	27.5	25.6	28	35.6	24.5	89	94	72	56	88	93	82	4.6
8	56.70	56.75	57.49	55.71	56.64	57.81	56.85	25	24.8	31.4	29.4	27	25.5	27.2	35.8	24.5	94	97	68	71	83	93	84.3	11.9
9	56.60	57.01	57.15	55.14	55.89	57.74	56.59	24.4	24.1	30.5	33.7	28.6	24.5	27.6	35.6	23.5	97	94	72	60	80	92	82.5	18.5
10	56.53	56.07	56.24	54.50	54.55	55.74	55.60	24	23.6	30	30.7	28.9	25.5	27.1	32.4	23.5	96	96	77	67	76	91	83.8	7.9
11	54.38	53.80	54.05	52.38	52.29	53.46	53.39	24.4	24.4	29.5	30.9	29	27.2	27.6	31.8	24	97	95	77	72	78	87	84.3	13.5
12	52.64	52.71	53.06	51.92	52.30	52.78	52.57	25.8	25	28.2	28.9	27.5	25.9	26.9	29.8	24.8	89	95	82	81	82	88	86.2	3.8
13	52.20	52.21	53.06	52	52.81	54.28	52.76	25.8	25	27	27.2	25	24.4	25.7	29.8	23.8	88	93	91	82	87	95	89.3	6.2
14	53.37	54.21	54.98	54.34	54.85	56.20	54.66	25	25.4	27.7	29	27	24.6	26.4	32.4	24.4	92	93	86	81	87	94	88.8	2.9
15	55.50	55.36	56.75	56.60	56.40	57.78	56.40	24.8	24.6	28.9	26	26.5	25	26	31.8	24.4	92	94	78	91	88	95	89.7	2
16	57	56.88	57.71	55.95	55.99	57.59	56.85	24.5	23.5	29.6	32	29.6	26.7	27.6	33.5	23.3	94	95	75	61	70	90	80.8	.8
17	57.60	57.86	58.54	56.47	56.79	58.60	57.64	26.4	26.5	30	31.5	29.5	24.6	28.1	32.8	24	91	87	73	69	77	90	81.2	5.8
18	57.15	57.32	58.10	56.19	56.58	58.50	57.31	23.7	23.3	30.5	31.5	27.5	26.4	27.2	34.1	22.9	94	94	68	65	84	90	82.5	19.8
19	57.05	56.54	57.09	55.48	56.12	57.82	56.68	25.8	25.7	29.7	30.3	27	24.9	27.2	32.6	24.5	93	93	71	72	84	94	84.5	20.8
20	56.70	55.80	56.41	54.04	53.51	54.85	55.22	24.6	24.5	25	28.9	26	24.8	25.6	29.6	23.9	95	95	94	81	95	97	92.8	122.6
21	54.16	54.27	53.95	53.48	53.92	55.17	54.16	24.3	23.8	28.6	25.9	25.5	24.5	25.4	29.5	23.3	94	96	80	92	91	95	91.3	59.4
22	54.75	54.53	55.50	54.61	54.93	56.41	55.12	23.5	23.5	27.5	28	26	24.9	25.6	29.8	23	96	96	80	83	95	96	91	144.3
23	55.97	56.27	57.62	56.05	55.88	57.80	56.60	24.7	23.1	24	26.4	26	24.9	24.8	27.4	22.7	93	98	97	92	91	96	94.5	64.2
24	57.08	56.96	57.77	56.57	56.81	58	57.20	24.6	24.5	27.5	28.7	26.7	24.7	26.1	29.1	24	95	95	83	85	88	93	89.8	8.1
25	57.20	56.57	56.84	55.18	54.74	56.08	56.10	24.6	24.5	29.5	31.5	28	25.7	27.3	32.3	24	92	92	75	64	77	89	81.5	4.3
26	55.27	54.13	54.53	52.86	53.06	53.62	53.91	25.3	25	26	27	26	25	25.7	27.9	23	93	95	90	87	91	93	91.5	123.1
27	52.65	51.98	52.95	51.91	52.44	54.09	52.67	23.9	24	24.5	24.1	24.5	24.3	24.2	25.3	23.5	98	95	92	95	91	91	93.7	102.6
28	53.60	53.70	55.08	54.49	54.55	56.16	54.60	24	23.5	25	25.6	25.9	25.2	24.9	27.3	23	95	95	99	94	88	89	93.3	39.9
29	56.01	56.28	57.28	55.85	55.94	57.28	56.44	24.8	24.4	26.8	29.7	26.5	26	26.4	31.2	24	92	94	89	73	89	87	87.3	12
30	56.42	56.16	57.33	55.71	55.86	56.79	56.38	25	24.5	25.6	28.6	27	25.6	26	30.7	24.4	93	95	93	85	90	94	91.7	21.8
31	55.63	54.93	55.64	54.11	54.40	55.46	55.03	25.5	25.5	25.9	27.9	25.5	24.9	25.9	29.9	24.5	96	96	93	89	95	96	94.2	89.1
Mean	55.99	55.85	56.55	55.12	55.34	56.71	55.93	24.9	24.5	28.5	29.6	27.4	25.7	26.8	31.5	23.9	93.3	94.4	79.7	75.3	83.8	89.7	86	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	914.4

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	Km.	Km.	Km.	Km.	0-10			0-10			
1	Calm	Calm	SE	SSW	WNW	NW	21.1	50.9	86.6	62	220.6	4	Ci.	Cu.	2	Ci.	Cu.	
2	SW	Calm	W	NW	NW	NbyE	25.9	38.3	96.8	69.8	230.8	1	Ci.	S.-Cu.	1	------	Cu.-N.	
3	Calm	EbyN	NW	NW	NW	NNW	28.7	48.8	108	65	250.5	1	Ci.	Cu.	2	Ci.	Cu.	
4	E	ESE	E	WNW	NW	NNW	36.2	38.3	99.5	71.3	245.3	1	Ci.	Cu.	3	Ci.	Cu.-N.	
5	SE	SE	SE	NW	NW	NW	44.1	47.8	85.9	57.4	235.2	5	Ci.	Cu.	7	Ci.-S. SW	Cu.-N.	
6	W	SE	SSW	NW	NW	NW	28.7	33.6	90.9	57.6	210.8	4	Ci.	S.-Cu.	3	Ci.-S.	Cu.-N.	
7	N	NE	SE	SW	NE	SW	27.4	43	57.6	35.9	163.9	9	Ci.-S.	Cu.	7	Ci.	Fr.-Cu.ENE	
8	Calm	SE	SE	ESE	NNW	Calm	26.9	48.9	50.9	26	152.7	4	Ci.	Cu.	10	------	N.	
9	SE	E	SE	NE	WNW	Calm	27.9	51.7	68.4	31.2	179.2	8	Ci.	Cu.	2	Ci.	Cu.	
10	Calm	ENE	SE	NW	NW	NbyE	17.7	40.8	71.4	37.8	167.7	1	Ci.	Cu.	3	Ci.	Cu.-N.	
11	NE	Calm	wbyN	WNW	W	NW	29.8	38.3	100.1	76.9	245.1	10	A.-S.	S.-Cu.NNW	9	Ci.-S.	Cu. NNW	
12	W	Calm	wbyN	W	WNW	W	36.7	66.6	88.5	46.1	237.9	10	------	N.	10	Ci.-S.	Fr.-N.WNW	
13	SW	Calm	wbys	WNW	SW	S	40.2	49.3	85.3	42.6	217.4	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N. W	
14	SE	SE	SE	Calm	S	SE	47.8	72.1	37.5	88	195.4	10	A.-S.	S.-Cu. SW	10	A.-S.	N. SSW	
15	ESE	SE	SE	NE	Calm	SE	70.2	86.7	54.1	28.4	239.4	10	Ci.-S.	Fr.-N. NEbyN	10	A.-S.	N. ENE	
16	SE	SSE	SE	NNW	NW	Calm	51.5	62.8	60.6	27.9	202.8	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.	
17	N	NNE	N	NNW	NW	S	29.8	49.9	84	63.1	226.8	10	Ci.-S.	Fr.-N. W	2	Ci.	Cu.	
18	S	SE	SE	NW	NW	NW	47.8	48.6	79.2	66.6	242.2	1	A.-Cu.	Cu.	8	Ci.	Cu.-N.SSE	
19	NW	NbyW	NNW	Calm	E	Calm	41	25.2	37.6	29.6	133.4	9	A.-Cu.	S.-Cu.	9	Ci.-S.	N.	
20	S	SE	SE	SE	SE	E	28.5	45.3	45.4	46.2	165.4	10	------	N. SWbyW	10	A.-S.	N. SW	
21	NE	Calm	SSE	W	NW	SW	62.8	36.2	77	17.7	193.7	10	------	N.	10	------	N.	
22	SW	SSE	SE	ESE	SE	SE	32.4	57.7	55	50.7	195.8	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N.SSW	
23	S	NE	SE	SE	SE	SE	55.5	35.1	54.7	33.8	179.1	10	------	N. SW	10	A.-S.	Fr.-N.	
24	ESE	SE	Calm	WSW	NW	Calm	23.1	28	45.7	28.5	125.3	10	A.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.WSW	
25	Calm	NW	SSE	SW	SW	WSW	19.3	34.6	101.1	56.5	211.5	10	A.-S.	Fr.-N. WSW	8	Ci.-S.	Cu. WSW	
26	W	Calm	E	SW	SE	SE	27.9	34.6	37.8	64.9	165.2	10	A.-S.	N. WSW	10	A.-S.	N. WSW	
27	SW	E	SW	E	WSW	SSW	39.6	46.2	58.4	75.6	219.8	10	------	N. SW	10	A.-S.	N. SW	
28	SE	ESE	S	WSW	W	SW	59.7	67	76.9	62.3	265.9	10	A.-S.	N. SW	10	A.-S.	N. WSW	
29	SE	S	S	WSW	W	W	34.1	48.8	69	30.9	182.8	10	A.-S.	N. SW	9	A.-S.	Fr.-N.SW	
30	S	SE	SE	NNW	Calm	Calm	29.5	40.4	51.7	20.9	142.5	10	A.-S.	Fr.-N.	9	Ci.-S.	N.	
31	Calm	Calm	WSW	WSW	SE	SSE	23.5	36.8	31.1	49.6	141.6	10	A.-S.	N.	10	A.-S.	N. WSW	
Mean	------	------	------	------	------	------	36	46.8	69.3	47.4	199.5	7.7	------	------	7.5	------	------	
Total	------	------	------	------	------	------	------	------	------	------	6,185.7	------	------	------	------	------	------	

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+.							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54. 46	54. 26	55. 05	53. 30	53. 36	54. 93	54. 23	24. 6	24. 6	26	29. 5	26. 5	25. 5	26. 1	31. 7	24. 1	96	95	95	81	92	95	92. 3	129.3
2	54. 10	53. 87	55. 19	53. 76	53. 70	55. 41	54. 34	24. 6	24. 4	25	25. 6	25	24. 4	24. 8	26. 8	23. 7	97	96	95	96	95	96	95. 8	96.7
3	54. 36	53. 92	54. 37	52. 95	53. 54	55. 21	54. 06	24	24. 7	27. 2	26. 9	24. 6	24	25. 2	29. 8	23. 5	97	97	90	88	97	96	94. 2	184.6
4	54. 76	54. 37	54. 96	53. 13	53. 17	54. 98	54. 23	23. 8	23. 6	26. 2	27. 6	26	25. 4	25. 4	29	23. 4	97	97	87	76	89	93	89. 8	15
5	54. 15	53. 70	54. 32	53. 42	52. 67	53. 27	53. 59	25	24. 7	26. 5	25. 4	25. 6	25	25. 4	27. 1	24. 4	93	97	87	93	94	95	93. 2	28.4
6	51. 93	51. 68	52. 87	51. 96	52. 16	53. 42	52. 34	25. 1	24. 7	26	25. 9	26	25. 1	25. 5	27. 8	24. 4	91	97	95	92	91	96	93. 7	88.6
7	52. 60	53. 08	54. 33	53. 57	53. 35	54. 73	53. 61	24. 7	24. 8	26	26. 5	27	25. 5	25. 8	28. 2	24	98	97	96	91	92	96	95	60
8	54. 16	53. 81	54. 67	52. 59	53. 46	54. 53	53. 87	24. 4	24	27. 5	31	27. 5	25. 4	26. 6	32. 9	23. 6	97	97	84	72	84	92	87. 7	.5
9	54. 45	53. 96	54. 71	53. 30	53. 33	55. 26	54. 17	24. 8	24. 5	29. 6	31. 5	28. 8	26	27. 5	32. 3	24. 1	95	95	77	70	75	87	83. 2	------
10	55. 10	55. 10	56. 41	54. 73	54. 94	56. 66	55. 49	25. 1	24. 5	28. 1	31	28. 5	25. 8	27. 2	32. 2	24. 3	92	95	83	67	77	92	84. 3	3.3
11	55. 96	56. 13	56. 85	55. 22	56. 16	57. 88	56. 37	25. 7	25	30. 7	31. 4	28	25. 5	27. 7	33. 3	24. 6	91	95	71	65	83	95	83. 3	9.1
12	56. 51	56. 13	57. 86	55. 60	55. 95	57. 46	56. 58	24. 9	25. 3	25	27. 6	26. 5	25. 3	25. 8	29. 5	24. 6	98	95	94	80	86	94	91. 2	12.9
13	56. 85	56. 26	57. 50	55. 06	55. 74	57. 50	56. 48	24. 7	24	29. 4	30. 7	27. 6	25. 6	27	31. 8	23. 6	95	95	77	70	82	93	85. 3	------
14	56. 87	56. 85	58. 04	56. 37	57. 13	58. 65	57. 32	24. 8	24. 5	29. 7	31. 5	28. 5	26. 5	27. 6	32. 7	24. 3	95	95	69	63	77	83	80. 3	------
15	57. 60	58. 18	59. 39	57. 37	57. 93	58. 55	58. 17	25. 1	24. 5	30. 5	31. 5	27	26. 6	27. 5	32. 6	24. 3	91	95	72	66	83	83	81. 7	------
16	57. 71	57. 57	58. 67	56. 99	57. 13	58. 12	57. 70	25. 4	24. 8	29. 6	28. 5	26	26. 5	26. 8	31. 7	24. 5	91	94	73	78	90	87	85. 5	.5
17	57. 58	57. 28	57. 74	56. 17	56. 95	58. 11	57. 30	25. 8	24. 8	28. 5	28	26. 3	26	26. 6	31. 9	24. 5	90	96	80	81	85	87	86. 5	1.5
18	57. 65	57. 80	58. 42	57. 13	57. 90	60. 07	58. 16	25. 1	24. 6	31	31. 4	28. 6	27. 5	28	32. 4	24. 1	92	94	71	63	76	80	79. 3	------
19	58. 75	58. 69	59. 78	58. 01	58. 74	60. 10	59. 01	25. 9	25. 5	30. 4	32	28. 9	28	28. 4	33. 4	24. 2	88	88	65	57	75	80	75. 5	------
20	59. 55	59. 36	60. 49	58. 31	58. 82	60. 03	59. 43	24. 6	23. 9	30	30. 6	28. 5	27. 2	27. 5	32. 5	23. 5	93	95	71	67	78	87	81. 8	------
21	59. 25	59. 04	59. 80	58. 07	58. 34	59. 23	58. 96	24. 9	23. 6	30. 2	31. 5	28. 5	27. 6	27. 7	32. 7	23. 5	94	98	70	65	82	84	82. 2	------
22	58. 50	58. 10	58. 78	56. 68	57. 30	58. 52	57. 98	25. 3	24	30. 5	32. 4	29	24. 6	27. 6	33. 3	23. 7	93	95	71	60	79	87	80. 8	------
23	57. 85	57. 37	57. 66	55. 81	55. 67	56. 68	56. 84	23. 5	23	30. 1	31	28. 5	26. 5	27. 1	31. 9	23	93	95	67	67	73	87	80. 3	------
24	55. 95	55. 76	56. 32	54. 75	55. 03	56. 61	55. 74	25. 3	25	30. 5	32	28	26. 5	27. 9	33. 8	24. 6	91	92	71	64	80	87	80. 8	------
25	55. 95	56. 18	57. 17	55. 11	56. 30	57. 80	56. 42	25. 5	25. 2	31. 6	33	28. 6	24. 9	28. 1	34. 5	24. 5	92	95	62	54	79	98	80	6.9
26	56. 83	57. 13	57. 80	55. 09	55. 75	57. 84	56. 74	24. 9	24. 5	30. 9	32. 1	28. 9	26. 4	28	34. 3	24. 4	95	96	71	64	74	86	81	------
27	56. 80	56. 83	57. 53	55. 62	55. 88	57. 45	56. 68	25	24. 8	30. 1	31. 5	28. 5	26	27. 6	32. 8	24. 4	93	92	69	65	78	87	80. 7	------
28	56. 75	56. 63	57. 50	55. 53	55. 95	57. 71	56. 68	24. 8	24. 5	30. 5	28. 5	27	26	26. 9	33	24. 1	94	95	71	84	89	91	87. 3	2.5
29	56. 65	56. 81	57. 35	55. 75	56. 80	58. 60	56. 99	24. 7	24. 3	29. 6	27	25. 5	24. 7	26	31. 3	24	96	93	75	83	88	93	88	8.3
30	57. 53	57. 49	58. 91	57. 86	58. 37	60. 11	58. 38	24. 1	23. 9	26. 5	25	24	23. 8	24. 6	27. 8	23. 3	95	96	84	93	95	96	93. 2	17.6
Mean	56. 24	56. 11	57. 01	55. 31	55. 72	57. 18	56. 26	24. 9	24. 5	28. 8	29. 6	27. 3	25. 8	26. 8	31. 5	24	93. 8	95. 1	78. 1	73. 8	83. 9	90. 1	85. 8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	665.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	SW	SE	S	56. 6	54. 5	36. 7	42. 8	190. 6	10	------------	N. WSW	9	------------	N. WSW
2	SE	SE	SE	SE	NNE	E	65. 5	73	47. 3	46. 2	232	10	------------	N. WSW	10	------------	N. WSW
3	NE	NE	SE	NNE	NE	E	36. 2	37. 8	39. 4	31. 4	144. 8	10	------------	N.	10	------------	N.
4	S	E	SE	S	W	W	31. 1	45. 4	38. 6	36. 4	151. 5	10	------------	N.	10	A.-S.	S.-Cu.
5	Calm	W	Calm	NW	Calm	Calm	21. 7	31. 9	38. 3	18. 3	110. 2	10	A.-Cu.	Fr.-N. WSW	10	------------	N.
6	NW	E	NW	W	Calm	N	25. 5	38. 9	58. 5	27. 1	150	10	------------	N. SWbyW	10	------------	N.
7	SE	SE	S	SE	Calm	S	56	30. 1	15. 5	19. 8	121. 4	10	------------	N.	10	A.-S.	Fr.-N.
8	SE	SE	SE	SSE	S	SE	30	44. 5	45. 8	40. 5	160. 3	10	------------	N. W	8	Ci.-Cu.	Cu.
9	SE	SE	SE	NNW	SW	W	31. 2	39. 1	50. 1	43. 7	164. 1	5	Ci.	Cu.	5	Ci.	Cu.
10	Calm	SW	SW	N	W	NW	17. 2	25. 4	64. 1	49. 4	156. 1	1	Ci.	Cu.	3	Ci.	Cu.
11	Calm	SE	SE	W	W	N	28. 4	42. 4	73. 7	42	186. 5	9	Ci.	Fr.-N. SWbyW	9	Ci.-S.	Fr.-N. SWbyW
12	N	Calm	W	W	W	S	16. 4	25. 5	42. 1	32. 8	116. 8	10	------------	N. WNW	10	A.-S.	Fr.-N.
13	SE	SE	S	NW	NW	S	47. 7	42. 8	63. 8	36. 2	190. 5	8	Ci.	S.-Cu. SSE	5	A.-Cu.	Cu.-N.
14	SSE	SE	SE	NW	NW	Calm	42. 3	43. 5	80. 5	35. 7	202	6	Ci.-Cu.	S. SE	4	Ci.-Cu.	Cu.
15	S	Calm	ESE	W	WNW	NW	28. 8	53. 9	85. 5	53. 9	222. 1	7	Ci.	Cu.	9	A.-Cu.	Cu.-N.
16	Calm	SE	W	NW	NW	NW	23. 1	40. 2	91. 7	50. 4	205. 4	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
17	NW	NW	SSE	NW	NW	NW	25. 4	38. 3	92. 2	64. 9	220. 8	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
18	NW	NW	SE	NNW	NW	NW	25. 4	36. 5	84. 8	67. 4	214. 1	9	A.-Cu.	Cu.	2	Ci.	Cu.
19	NW	NW	NNW	NNW	NW	NW	38	31. 4	79. 5	55. 2	204. 1	9	Ci.-S.	Cu.	2	Ci.	Cu.
20	NE	ENE	NW	NNW	W	W	31. 1	36. 7	94. 1	51. 5	213. 4	5	Ci.	Cu.	5	Ci.	Cu.-N.
21	SE	SE	W	NNW	NNW	Calm	29. 8	44	90. 4	50. 1	214. 3	----	------------	------------	2	Ci.	Cu.
22	NW	SE	SbyW	NNW	NW	S	33. 6	41. 8	73	46. 1	194. 5	5	Ci.	S. SE	2	Ci.	Cu.-N.
23	Calm	SSW	SW	NNW	NW	NW	29	41. 8	103	42	215. 8	2	Ci.	Cu.	1	Ci.	Cu.
24	S	SE	SSE	SE	SW	SW	44. 9	64. 4	50. 5	35. 9	195. 7	9	Ci.-S.	S.-Cu.	7	Ci.	Cu.
25	SE	SE	SE	SE	N	W	51. 2	84. 5	54. 7	34. 1	224. 5	10	Ci.-S.	Cu.	9	Ci.-S. ENE	Cu.-N.
26	S	Calm	SSE	SW	NW	N	16. 9	77. 7	73	43. 1	210. 7	9	Ci.	S. SSE	7	Ci.	Cu.-N.
27	NE	NE	Calm	NWbyW	NNW	N	22. 3	35. 2	68. 9	49. 7	176. 1	10	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.-N.
28	NE	Calm	SE	W	Calm	SE	17. 9	36. 4	62. 2	37. 3	153. 8	9	Ci.-S.	Cu.	9	Ci.	N.
29	SE	SE	SE	NNW	SE	SE	45. 6	50. 9	48. 1	48. 9	193. 5	10	Ci.-Cu.	Fr.-N. SW	10	A.-S.	N. SW
30	SE	SE	SSE	Calm	NW	NW	49. 6	59	27. 9	24. 3	160. 8	10	Ci.-S.	Fr.-N.	10	------------	N.
Mean	-----	-----	-----	-----	-----	-----	33. 9	44. 9	62. 4	41. 9	183. 2	8. 3	------------	------------	7. 1	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5, 496. 4	----	------------	------------	----	------------	------------

DAGUPAN.

[$\phi=16°\ 03'$ N; $\lambda=120°\ 20'$ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.72	58.72	60.13	58.05	58.32	59.70	58.94	23.5	23.5	29	30.5	28	27.5	27	31.9	23	97	97	75	69	77	81	82.7	------
2	58.36	58.47	60	57.70	58.30	59.90	58.79	26.6	23.8	29.5	30.5	28	26.4	27.5	31.7	23.5	83	92	70	71	79	89	80.7	------
3	58.95	59.16	60.23	57.86	59.11	60.71	59.34	25.4	24.2	31.5	33	26.4	25.4	27.6	34.8	24	92	97	68	64	88	92	83.5	------
4	59.60	59.14	60.28	57.82	59.74	60.13	59.45	24.7	24	29.9	33.4	23.6	24	26.6	34.3	23	94	94	71	59	98	96	85.3	93.2
5	59.39	59.91	60.59	58.62	58.90	60.41	59.64	24.5	24.5	31	33.8	28.2	26.1	28	34.8	24	96	95	65	57	79	89	80.2	.5
6	59.70	60.26	61.18	59.08	59.27	60.39	59.98	24.5	23	31	33	28.9	25.3	27.6	34.4	23	90	94	64	55	71	90	77.3	------
7	59.60	59.62	60.44	58.66	58.98	60.85	59.69	24.3	23.1	31.5	32.6	29.5	27.1	28	34.4	23	92	94	65	61	70	83	77.5	------
8	60.24	60.63	61.34	59.35	59.63	61.09	60.38	25.4	24	31.6	33	29	28.2	28.5	34.3	23.6	87	91	63	61	74	79	75.8	------
9	60.33	60.18	61.12	58.56	58.82	61.05	60.01	25.9	24.6	32	34.5	29.5	24	28.4	35.2	22.6	94	94	65	58	77	96	80.7	50.8
10	60	60.19	61.02	58.58	59.22	60.74	59.96	24.5	24	31	33.5	29.1	24.7	27.8	34.3	23.6	92	95	65	56	76	93	79.5	5.6
11	59.14	59.49	60.43	58.09	58.29	59.53	59.16	23.6	23	29.8	31.4	28.5	27	27.2	32.5	23	94	95	68	60	73	83	78.8	------
12	58.85	59.26	60.02	57.33	57.80	59.63	58.82	25.4	24	31.5	33	28.8	24.7	27.9	34.2	23.8	89	95	59	55	75	93	77.7	21.8
13	59.25	59.80	60.70	58.47	59.23	60.96	59.74	24.3	24	30	32.5	28.5	25.2	27.4	33.5	23.5	91	86	66	58	72	91	77.3	10.4
14	60.55	60.77	61.69	59.47	59.41	60.85	60.46	24.6	23.8	30.6	31.7	29	26.5	27.7	33.2	23.5	87	89	65	59	68	80	74.7	------
15	59.84	60.50	61.39	58.88	59.10	60.70	60.07	24.6	23.5	30.8	32.5	27	25.5	27.3	34	23.1	87	87	62	54	85	79	75.7	1
16	59.65	59.97	61.55	58.98	59.29	61.02	60.08	23.8	23	31	32.9	28.5	26.3	27.6	34.4	22.6	87	88	59	52	73	74	72.2	------
17	60.45	60.97	62.33	59.99	60.21	61.62	60.93	23.6	22.5	31.1	32.5	28.2	26.5	27.4	33.3	22.5	89	90	59	55	76	87	76	------
18	60.57	61.11	61.89	59.51	60.07	61.30	60.74	24.2	22.9	31	34	29.1	25.6	27.8	35	22.5	89	88	59	51	71	83	73.5	------
19	60.24	60.56	61.33	59.51	59.75	61.07	60.41	25.3	24.3	30.4	31	28.5	26.8	27.7	32.3	24	79	85	63	65	75	85	75.3	------
20	60	60.11	61.29	59.11	60.19	61.60	60.38	24.6	24	31.5	28.8	26	24.9	26.6	34.8	23.6	93	95	66	86	87	92	86.5	2.5
21	60.84	61.21	62.54	60.32	60.53	61.88	61.22	23.8	22.9	30.7	32.9	29	25.6	27.5	34.2	22.5	94	91	62	59	77	81	77.3	------
22	60.93	61.37	62.18	60.22	60.73	61.16	61.10	23.9	22.9	31.1	31.5	28	25	27.1	34.4	22.5	88	91	64	63	76	78	76.7	------
23	60.66	60.90	61.88	59.78	60.73	62.54	61.08	23.6	22.5	31.4	33.5	28.5	25.1	27.4	34.3	22	80	83	57	47	63	78	68	------
24	61.76	61.99	62.27	59.71	60.81	62.29	61.47	23.2	22	31.5	33	28.5	24	27	34.2	21.9	88	95	54	52	67	79	72.5	------
25	61.44	61.61	62.64	60.18	60.97	61.94	61.46	23	21.8	31	31.6	28.1	24.5	26.7	33.2	21.4	81	86	58	56	74	77	72	------
26	60.92	61.31	61.73	59.39	59.85	61.21	60.74	23.2	22.5	31	30	28.1	25.4	26.7	34.7	22.2	82	87	59	66	71	80	74.2	------
27	60.25	60.50	61.22	58.71	59.71	61.21	60.27	23.5	23.5	31	30.5	25.5	24.5	26.4	33.5	22.8	85	82	61	65	93	90	79.3	15.7
28	60.66	61.29	62.62	59.71	60.19	61.74	61.04	23.9	23.7	29.5	33	28.5	25.5	27.4	34.2	23.5	92	93	73	60	77	75	78.3	------
29	60.55	61.26	62.47	59.31	59.56	61.18	60.72	23.2	21.5	30.5	34	29	25	27.2	34.7	21.4	84	92	65	47	68	81	72.8	------
30	60.49	60.62	61.32	59.21	60.13	61.98	60.62	22.6	21	30.6	30.9	27.1	24.4	26.1	34.2	20.6	89	90	55	56	72	80	73.7	------
31	60.70	61.12	62.29	59.62	60.48	62.15	61.06	22.8	22.5	31.2	33.7	28.4	25	27.3	34.4	22.1	83	78	55	44	70	78	68	------
Mean	60.08	60.39	61.36	59.03	59.59	61.05	60.25	24.2	23.2	30.8	32.3	28.1	25.5	27.4	34	22.8	88.6	90.6	63.2	58.7	75.9	84.3	76.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	201.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	Calm	Calm	NW	NW	NW	44.6	33.3	74	75.8	227.7	10	------	Fr.-N.	7	Ci.-Cu.	Cu.
2	NW	E	N	NNW	NW	Calm	46.4	38.9	88.3	27.1	200.7	9	Ci.	S.-Cu. NW	2	Ci.	Cu.
3	NW	NW	SSE	S	Calm	S	19.1	49.6	60.2	44	172.9	6	A.-Cu.	Cu.	2	Ci.	Cu.
4	E	SE	ESE	SE	E	SW	40.7	54.7	65.2	33.3	193.9	6	Ci.	Cu.	4	Ci.	Cu.
5	SW	SSE	SSE	S	NNW	E	35.4	73	67.1	40.7	216.2	8	A.-Cu. SE	S.-Cu.	2	Ci.	Cu.
6	Calm	SE	SE	S	N	E	26.8	40.2	56.5	29.2	152.7	0	Ci.	Cu.	1	Ci.	Cu.
7	Calm	Calm	SE	S	SE	Calm	23.8	45.1	46.9	30.4	146.2	0	Ci.	------	7	Ci.-S.	Cu.
8	SE	SE	SSE	NW	NNW	NW	33.8	46.1	62.6	63.8	206.3	0	------	Cu.	1	Ci.	Cu.
9	N	SW	SSE	SSE	NW	S	34.6	52.9	57.7	58.4	203.6	0	Ci.	Cu.	2	Ci.	Cu.
10	E	SE	SSE	S	WNW	Calm	27.2	61.2	46.7	48.9	184	3	Ci.	S.-Cu.	6	Ci.	Cu.
11	E	E	E	NNE	NW	NW	19.8	34.3	69.7	59.8	183.6	8	Ci.-S.	Cu.	4	Ci.	Cu.
12	E	SE	SSE	SE	NW	SSW	38.9	43.5	53.3	53.4	189.1	1	Ci.	S.-Cu.	1	------	Cu.
13	S	S	SSW	WSW	NW	SE	53.9	63	46.5	59.2	222.6	9	A.-Cu.	S.-Cu.	1	------	Cu.
14	S	S	SSE	W	N	SSE	45.7	66.8	44.5	41.6	198.6	1	Ci.	S.-Cu.	6	A.-Cu.	S.-Cu.
15	SE	SE	SE	SSW	SE	SE	25.7	62.3	41.3	45.3	174.6	4	Ci.	Cu.	1	Ci.	Cu.
16	SE	SE	SSE	S	N	SE	44	56.9	50.7	32.5	184.1	1	Ci.	Cu.	1	------	Cu.
17	SE	SE	SE	NW	N	W	34.9	36.5	61.2	41.5	174.1	0	------	Cu.	1	A.-Cu.	Cu.
18	SE	SSW	SbyE	SE	Calm	S	52.9	70.8	57.9	36.4	218	0	------	Cu.	2	A.-Cu.	S.-Cu.
19	S	SEbyS	SW	W	NNW	NE	36.4	35.6	52.9	45.7	170.6	8	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
20	E	SE	SE	SE	SSE	Calm	38.1	67.6	57.9	35.4	199	3	A.-Cu.	S.-Cu.	8	A.-Cu.	N. E
21	SE	SE	SSE	WNW	NNW	SE	34.4	47.5	39.9	40.2	162	0	------	Cu.	1	Ci.	Cu.
22	SE	SE	SSE	SSW	SE	SSE	34.1	52.9	42.6	81.6	211.2	7	A.-Cu.	S.-Cu.	9	A.-Cu.	N. ESE
23	SE	SSE	SSE	SSE	SE	S	51.3	76.6	83.4	34.9	246.2	1	------	Cu.	0	------	Cu.
24	Calm	SE	SSE	SSE	NNE	SSE	17.9	73.8	100.9	62	254.6	1	------	S.-Cu.	0	------	Cu.
25	S	EbyS	SSE	NNW	N	NNE	32.5	33.2	58.1	23.8	147.6	0	------	Cu.	1	Ci.	Cu.
26	NE	E	SSE	N	S	S	28.8	79.2	55.7	52.6	216.3	6	Ci.	S.-Cu.	10	A.-Cu.	N. ESE
27	SE	S	SSE	SE	SE	SE	41.3	40.2	32.5	35.7	149.7	8	Ci.	S.-Cu. E	10	A.-Cu.	N. SE
28	SE	Calm	S	SSE	N	SE	37.8	62.5	52.8	45.7	198.8	10	A.-S.	S.-Cu.	2	A.-Cu.	Cu.
29	SE	SE	S	SSE	NE	Calm	24.7	64.7	54.7	30.3	174.4	0	------	Cu.	0	------	Cu.
30	SE	SE	SSE	SE	SE	Calm	38.3	91.5	83.9	35.9	249.6	1	Ci.	S.-Cu.	10	A.-Cu. SE	Cu.
31	S	SbyE	SSE	SSE	N	SSE	78.3	89.3	74.8	56.6	299	6	A.-Cu.	S.-Cu.	1	Ci.	Cu.
Mean	------	------	------	------	------	------	36.8	56.2	59.4	45.2	197.7	3.8	------	------	3.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,127.9	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.10	61.60	62.63	60.22	61.18	62.39	61.52	23.8	23	31.4	32.5	28.5	25.8	27.5	35	22.6	81	86	57	56	70	76	71	------
2	61.53	60.96	61.38	59.48	60.69	62.30	61.06	24.5	23.5	31.5	34.2	26.6	24	27.4	35.1	22.8	79	83	55	50	77	91	72.5	------
3	60.70	60.22	60.55	58.18	58.88	60.53	59.84	22.9	22	30.9	33	28.5	25.4	27.1	34.9	21.9	93	95	63	52	70	88	76.8	3.8
4	59.78	60.47	61.12	58.57	59.25	60.72	59.98	23.4	22	30.5	32.5	28.1	27.5	27.3	33.9	21.6	91	91	62	55	69	76	74	------
5	59.70	60.22	61	59.12	59.49	60.20	59.96	23.5	21.8	31	30.9	27.9	26.5	26.9	32.8	21.5	90	93	63	63	77	83	78.2	------
6	59.30	59.20	60.04	57.93	58.72	60	59.20	23.5	22.5	30.2	34.4	29.5	26.1	27.7	35.3	22.1	94	95	62	46	68	80	74.2	------
7	58.98	59.40	60.14	58.09	59.11	60.25	59.33	23.9	21.9	31	32.1	26	24.9	26.6	34.3	21.5	84	91	58	54	80	83	75	------
8	58.73	58.72	59.54	57.15	58.43	59.77	58.72	24	24	31.5	34.4	29.6	25.5	28.2	35.3	23.3	84	78	56	48	60	79	67.5	------
9	59.26	59.30	59.93	58.04	59.23	60.52	59.38	23.3	22	31	31.6	28.5	27.9	27.4	33.5	21.8	85	90	62	59	73	74	73.8	------
10	58.18	59.29	59.99	57.39	58.37	59.89	59.02	24.6	23.3	31.1	34.5	29	25	27.9	35.2	23	89	92	62	52	71	80	74.3	------
11	58.89	59.30	59.69	57.16	57.97	59.29	58.72	23.8	23.5	31.4	32.4	28.1	25	27.4	34.8	23	85	85	58	54	74	76	72	------
12	58.68	58.97	59.46	57.31	58.43	59.78	58.77	24	22.8	31.6	34.2	28.9	25.8	27.9	34.8	22.5	79	88	54	44	63	74	67	------
13	58.76	58.72	59.73	57.40	58.54	59.99	58.86	24.4	24.4	31.1	33.4	28.2	25	27.8	34.5	23	80	80	58	50	70	75	68.8	------
14	59.36	59.69	60.35	57.86	58.26	59.54	59.18	22.1	21.1	30.5	31.5	28.5	27.6	26.9	34.3	21	88	91	63	59	75	81	76.2	2
15	59.01	59.03	60.14	57.53	58.39	59.94	59.01	24.8	23.6	31.3	31.5	28.3	25.3	27.5	33.3	23.3	93	95	66	63	72	85	79	------
16	58.94	59.19	60.09	56.88	57.53	59.20	58.64	23.5	22	30.6	32.9	28.5	25.1	27.1	34.6	21.9	88	90	58	49	68	80	72.2	------
17	58.57	58.58	59.73	57.46	57.88	58.85	58.51	22.9	22	31	31	28	27.4	27	33.6	21.6	90	93	62	61	77	74	76.2	------
18	57.65	58.42	59.73	57.21	57.77	59.55	58.39	24.2	22.5	31	34	28.5	25.5	27.6	35.1	22.1	86	91	57	50	66	68	69.7	------
19	59.17	59.73	60.53	58.03	58.48	60.09	59.34	22.5	21	31	31.5	28.5	25.5	26.7	33.8	20.6	82	90	55	54	70	84	72.5	------
20	59.56	60.35	61.09	58.57	58.98	60.35	59.82	23.3	22	31	31.5	28.5	28	27.4	33.8	21.9	92	95	62	62	70	77	76.3	------
21	60.15	60.20	61.15	58.88	58.74	59.93	59.84	24.7	23	30	30.5	28	26.4	27.1	31.8	22.6	91	91	66	71	73	82	79	------
22	59.55	60.05	60.96	57.90	58.78	60.42	59.61	24.6	23.6	31.5	35	28.5	26	28.2	35.4	23.5	83	79	53	46	74	75	68.3	------
23	59.81	60	60.43	58.03	58.83	60.77	59.64	24.8	22.9	31.5	34.6	28.5	26	28	35.5	22.5	79	88	57	48	76	86	72.3	------
24	59.93	60.31	61.18	58.41	58.75	60.04	59.77	23.8	23.5	30.4	31	28	27.5	27.4	31.8	23	95	91	69	67	77	81	80	------
25	59.50	59.18	59.93	57.91	59.18	61.12	59.47	24.8	23.5	31.9	32	28.2	25.9	27.7	34.8	23	92	92	55	58	79	88	77.3	------
26	60.29	60.62	61.52	58.44	59.74	61.09	60.28	23.8	22.6	30.5	30.8	27.9	25.9	26.9	33.5	22	91	89	62	65	81	88	79.3	------
27	60.21	60.32	61.40	59.06	59.66	60.75	60.23	24.8	24	30.6	30.5	28.5	26	27.4	32.3	23.5	90	90	67	67	77	75	77.7	------
28	59.98	60	60.43	58.07	58.89	60.03	59.57	25	24.9	30.5	30.5	27.5	24.4	27.1	33.2	23.4	80	80	53	65	76	80	72.3	------
29	59.22	59.07	60.65	58.31	59.05	60.58	59.48	23	22	30.5	34.3	27.8	24.5	27	34.8	21.9	86	90	62	46	74	82	73.3	------
30	59.82	59.87	60.87	58.37	59.21	60.53	59.78	22.8	22.5	31	32.2	28.2	25.6	27	34.1	22.1	88	86	62	58	72	83	74.8	------
Mean	59.51	59.70	60.51	58.10	58.88	60.28	59.50	23.8	22.8	31	32.5	28.2	25.9	27.4	34.2	22.4	86.9	88.9	60	55.7	72.6	80.1	74	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a.m.			2 p.m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	6 a.m.	Noon.	6 p.m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SE	SSW	NNW	Calm	S	82.4	65.4	58.9	47	253.7	8	Ci.-S.	Cu.	8	A.-Cu. SE	Cu. E
2	SE	SSE	SSE	SSE	E	SSE	58.4	102.8	77.5	42.4	281.1	0	A.-Cu.	S.-Cu.	1	Ci.	Cu.
3	SE	SE	SSE	SSE	N	Calm	32.8	60.4	54.7	23.9	171.8	0	------	------	0	Ci.	Cu.
4	Calm	SE	SE	SE	N	NNW	31.1	68.1	58.4	57.6	215.2	0	------	Cu.	1	------	Cu.
5	NNW	E	SE	NW	NW	NW	31.9	38.8	86.1	50.7	207.5	0	Ci.	------	1	------	Cu.
6	Calm	Calm	SE	SSE	N	SW	21.2	70.5	64.6	38.1	194.4	0	Ci.	------	3	Ci.	Cu.
7	S	S	S	NW	SW	S	34.4	46.1	58.4	32.7	171.6	0	------	Cu.	3	A.-Cu.	Cu.
8	SSE	SSE	SSE	SSE	E	Calm	80.2	90.3	74.3	18.3	263.1	0	------	Cu.	2	Ci.	Cu.
9	SE	SE	SE	N	NNW	NW	22.7	43.5	79.4	80.5	226.1	0	------	Cu.	1	Ci.	Cu.
10	SE	SE	SSE	SSE	N	S	39.7	66	53.4	31.4	190.5	1	------	Cu.	1	------	Cu.
11	SE	SbyE	SSE	NW	N	S	41.8	56.1	60.9	49.4	208.2	1	------	Cu.	1	------	Cu.
12	SSE	SE	SE	SSE	N	SE	53.9	74.6	82.1	33.3	243.9	1	------	Cu.	3	Ci.-Cu.	Cu.
13	SE	SE	SE	SE	S	S	55.8	102.4	115.4	61.7	335.3	8	A.-S.	S.-Cu.	2	A.-Cu.	Cu.
14	SE	SE	SSE	NNW	NNW	NE	42.1	62.5	85	63.3	252.9	1	------	S.-Cu.	8	A.-Cu.SSE	Cu.
15	S	SE	SSE	NNW	NNE	Calm	30.4	54.2	59	27.6	171.2	0	Ci.	S.-Cu.	4	Ci.	S.-cf. SSE
16	S	SE	SSE	NNW	N	SW	41.6	60.6	59.7	32.7	194.6	0	------	Cu.	1	------	Cu.
17	SW	Calm	SE	NNW	NNW	NW	32.5	52.1	88	64.1	236.7	1	Ci.	Cu.	2	A.-Cu.	Cu.
18	E	E	SSE	SSW	N	SE	31.9	58.2	54.5	45.1	189.7	4	Ci.	Cu.	2	------	Fr.-Cu. SW
19	SE	SE	SSE	N	NNW	SE	43.7	61.5	74.3	41.8	221.3	10	Ci.-S.	------	1	------	Cu.
20	SE	SE	SE	NNW	N	NW	32.8	42.4	67	77.4	219.6	0	------	------	1	------	Cu.
21	Calm	NE	NW	NW	NW	NNE	23.3	38.8	91.2	50.7	204	1	Ci.	Cu.	1	Ci.	Cu.
22	SSE	SbyE	SSE	SSE	N	SE	72.9	69	55	32	228.9	3	Ci.	Cu.	4	Ci.	S.-cf.
23	SE	SE	SE	SE	N	Calm	52.8	71	69.8	32.4	226	3	Ci.	Cu.	1	------	Cu.
24	Calm	Calm	NW	NW	NW	NNW	14.2	39.1	108.4	91.1	252.8	4	Ci.	S.-Cu.	0	Ci.	Cu.
25	NE	NE	SE	NNW	N	Calm	29	47	68.1	30.9	175	3	Ci.	Cu.	2	------	Cu.
26	SE	SE	SE	NNW	NNW	W	33	60	72.1	32.7	197.8	10	Ci.-S.	Cu.	8	Ci.	Cu.
27	W	SSE	SW	NW	SE	S	25.2	34.3	43.5	69.8	172.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
28	Calm	S	SE	NNW	Calm	S	41.8	83.7	68.9	38.8	233.2	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
29	S	S	SE	SE	N	Calm	40.4	53.6	67.6	18.5	180.1	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.
30	E	E	Calm	NW	Calm	SW	34.8	36.8	66.3	26	163.9	3	Ci.	S.-Cu.	3	Ci.	Cu.
Mean	------	------	------	------	------	------	40.3	60.3	70.8	44.7	216.1	3	------	------	3	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,482.9	------	------	------	------	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.13	60.20	60.62	58.50	59.34	60.94	59.96	23.6	23.1	32.5	32	28.6	25	27.5	35.2	22.5	90	90	57	57	73	83	75	------
2	60.59	60.67	61.26	58.60	59.22	60.63	60.16	22.8	21.7	32.5	33	28.8	26.5	27.6	35.4	21.5	87	88	47	54	75	76	71.2	------
3	59.70	59.83	60.72	58.27	58.98	60.18	59.61	25.5	25	31.6	31.7	29	25.9	28.1	35.7	24.6	79	79	57	52	62	81	68.3	------
4	59.64	59.54	60.62	58.49	58.72	60.18	59.53	24.2	23	32	33	28.6	26.4	27.9	34.1	23	86	90	57	55	69	82	73.2	------
5	59.44	58.77	59.88	57.26	58.77	60.38	59.08	24.4	23	31	35.5	28.9	25.5	28	36.1	22.9	90	90	62	46	74	83	74.2	------
6	59.75	59.55	60.19	58.03	58.69	59.93	59.36	24.6	23.5	30.9	31.5	28.5	25.8	27.5	33.2	23.1	87	90	62	63	78	89	78.2	------
7	59.49	59.60	60.73	57.93	58.47	60.43	59.44	24.3	23.5	31.5	32.8	28	25.5	27.6	35.2	23.1	87	86	62	58	77	88	76.3	------
8	59.68	59.20	60.09	57.67	58.28	59.59	59.08	23.6	23	31.6	31.8	28.5	24.7	27.2	33.9	22.8	90	90	56	58	74	79	74.5	------
9	59.45	59.50	60.62	58.12	58.89	59.90	59.41	24.4	24.6	30.4	32	27.5	23.6	27.1	35.3	23.3	74	66	56	55	81	84	69.3	------
10	59.72	59.90	60.66	58.32	58.84	60.25	59.62	23.4	22.5	31.1	30.2	27.8	26	26.8	32.7	22	82	86	54	66	77	78	73.8	------
11	59.39	60.09	60.83	58.07	58.42	60.11	59.48	25	24	31.5	31.9	28	24.7	27.5	34.8	23.6	82	87	59	58	77	76	73.2	------
12	59.25	59.45	60.13	58.03	59.58	60.26	59.45	22.8	23	31	30.8	26.1	25	26.4	32.8	22.1	88	86	59	63	79	89	77.3	------
13	59.31	59.65	60.64	58.01	59.28	60.15	59.51	23.9	23.5	31	30.8	28	25.4	27.1	34.2	23	85	85	61	63	80	77	75.2	------
14	59.95	60.27	61.13	58.39	59.18	60.31	59.87	24.2	24.4	31	31	28.4	25.3	27.4	33.6	23.8	82	78	53	59	70	75	69.5	------
15	59.48	59.56	60.74	58.57	59.54	60.98	59.81	24.6	23	31	31	27.9	24.8	27	33	22.6	74	86	59	59	77	85	73.3	------
16	60.69	61.21	62.08	59.62	60.69	61.84	61.02	23.5	22	29.8	32.5	27.6	25.7	26.8	35.2	21.6	88	90	65	58	77	78	76	------
17	60.79	61.37	62.58	59.52	60.49	61.57	61.05	24.6	22.7	31	31.1	28.2	27.1	27.4	35	22.5	81	91	62	64	75	81	75.7	------
18	60.63	61.47	62.82	60.26	60.44	60.88	61.08	23.5	22.4	30	31	27.6	26.5	26.8	32.9	22	85	91	65	63	80	84	78	------
19	59.96	60.05	61.50	59.41	59.72	60.95	60.26	24.2	23	30.2	31	28	25.5	27	32.3	22.7	91	95	66	62	77	82	78.8	------
20	59.96	60.20	61.33	59.06	59.79	60.96	60.22	23.7	23.2	31.5	33.2	27.6	24.8	27.3	34.8	22.9	76	76	51	48	72	77	66.7	------
21	59.99	60.31	61.05	58.30	58.77	60.10	59.75	22.9	21.5	30.5	29.6	27.4	24.5	26.1	31.7	21	83	88	59	61	70	87	74.7	------
22	59.37	59.62	60.65	57.72	58.37	59.77	59.25	23.1	22	30	31	28	27.1	26.9	32.3	21.5	89	95	65	59	74	79	76.8	------
23	59.15	59.79	61.48	59.12	59.63	61.06	60.04	26.9	25.9	28.6	29.8	27.5	25	27.3	30.8	23.6	77	84	72	59	66	80	73	------
24	60.55	60.71	61.58	58.93	59.88	61.65	60.55	23.4	22.5	30	31.5	28.5	26.3	27	35.2	21.9	83	86	58	53	69	76	70.8	0.8
25	61.26	61.57	62.74	60.32	60.87	62.55	61.55	24	23	29.5	33.5	29.1	27.4	27.8	34.4	22.5	88	90	64	47	64	73	71	------
26	61.63	62.12	63.18	60.03	60.80	62.45	61.70	24.4	22	29.5	33.9	27.5	25	27	34.4	21.5	78	87	63	44	78	88	73	------
27	61.84	62.05	63.32	60.25	60.63	62.10	61.70	22	20.2	29.9	32.2	27.5	23.4	25.9	34.3	20	88	92	56	47	70	76	71.5	------
28	61.86	62	63.13	60.57	60.58	61.79	61.66	22.2	19.5	29.5	30	26.7	24.8	25.4	32.9	19.1	76	89	54	60	78	85	73.7	------
29	61.20	61.26	62.17	59.14	58.99	59.98	60.46	22.5	21.2	29.5	30.5	26.8	24	25.8	32.1	20.4	87	86	54	55	74	85	73.5	------
30	59.79	59.91	61.42	58.48	59.05	60.76	59.90	21.9	20.4	29	33.1	27.6	24.3	26	34.3	20.1	88	90	62	47	71	74	72	------
31	60.66	60.97	62.62	60.10	60.54	61.23	61.02	21.7	20.7	29.5	30.1	27	26.5	25.9	31.3	20	87	88	58	59	73	75	73.3	------
Mean	60.14	60.34	61.37	58.81	59.47	60.77	60.15	23.7	22.7	30.6	31.7	27.9	25.4	27	33.8	22.2	84.1	86.9	59.2	56.5	73.9	80.8	73.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	S	S	NNW	N	SW	26.2	56.1	56.1	28.2	166.6	1	Ci.	S.-Cu.	4	Ci.	Cu.
2	Calm	SE	SE	NW	Calm	S	29.3	79.4	65.4	46.5	220.6	1	------	S.-Cu.	1	Ci.	Cu.
3	SSE	SSE	SSE	NNW	NNW	SW	76.6	108	91.1	38.4	314.1	1	------	S.-Cu.	2	------	Cu.
4	Calm	SE	S	NW	N	W	27.7	48.6	73.2	37.2	186.7	3	Ci.	Cu.	2	A.-Cu.	Cu.
5	SW	SE	SSE	SSE	NW	SW	34.6	71.8	73.7	55.3	235.4	1	Ci.	Cu.	2	Ci.	Cu.
6	S	SE	S	NNW	NNW	W	31.6	38.9	76.1	29	175.6	5	Ci.	Cu.	3	Ci.	Cu.
7	S	S	S	NNW	N	S	45.1	51.5	59.7	28.7	185	1	Ci.	Cu.	2	------	Cu.
8	SE	SSE	SSE	NW	N	S	37.6	50.4	55.8	51	194.8	6	Ci.	S.-Cu.	2	Ci.	Cu.
9	SE	SE	SE	NNW	Calm	S	68.2	47.5	63.3	32.4	211.4	10	------	S.-Cu.	0	------	Cu.
10	SE	Calm	SE	NNW	N	S	45.1	35.1	68.7	53.6	202.5	1	Ci.	Cu.	7	A.-Cu. ESE	Cu.
11	SSE	Calm	SE	NW	NNW	SE	56.3	51.8	79.1	45.7	232.9	10	A.-Cu. ESE	S.-Cu.	2	------	Cu.
12	SE	SE	SE	NNW	SE	SE	35.9	33.6	77	25.5	172	9	A.-Cu.	S.-Cu.	3	Ci.	Cu.
13	SE	SE	SE	NNW	NNW	SSE	47	51.7	66.5	78.6	243.8	5	Ci.	S.-Cu.	6	A.-Cu.	S.-Cu. E
14	S	S	S	NNW	Calm	SSE	60.9	54.7	57.9	74.2	247.7	10	A.-S.	Fr.-N. ENE	6	A.-Cu.	Cu.
15	SE	SE	SE	NW	N	SE	47.2	55.3	48.8	37.3	188.6	8	Ci.	Cu.	10	A.-Cu.	Cu.
16	S	SE	SE	NNW	N	E	48.5	78.7	59.8	38.9	225.9	2	Ci.	Cu.	8	A.-Cu.	Cu.-N. E
17	SE	SE	S	N	N	Calm	40.7	73.7	78.3	67.4	260.1	2	Ci.-Cu.	S.-Cu.	8	A.-Cu.	Cu.-N. E
18	SE	SE	SE	NNW	NW	Calm	40.7	47.5	89.8	47.8	225.8	3	Ci.	S.-Cu.	2	Ci.	Cu.-N.
19	Calm	SE	SSE	NNW	NW	S	24.3	38	79.7	52.3	194.3	1	Ci.	Cu.	1	------	Cu.
20	S	S	SE	NW	NNW	S	77.7	56.1	68.4	37.3	239.5	1	Ci.	Cu.	6	Ci.	Cu.
21	SE	SE	SE	NNW	N	NW	42.4	53.4	79.7	35.6	211.1	5	Ci.	------	1	Ci.	Cu.
22	W	Calm	S	NW	NW	NNW	23.3	34.1	67.6	76.7	201.7	5	Ci.	------	4	Ci.	Cu.
23	NW	N	NNW	NW	NW	NW	59	58.5	107.2	50.9	275.6	2	Ci.	Cu.	1	Ci.	Cu.
24	S	SSE	SE	NW	Calm	SE	49.3	74	52.9	33.2	209.4	1	Ci.	S.-Cu.	8	A.-Cu. E	Cu.-N.
25	SE	SE	SE	S	SE	NW	60	79.9	59.8	49.6	249.3	6	Ci.-S.	Fr.-N.	9	A.-Cu. E	Cu.-N.
26	SW	SE	S	SSE	NW	SW	35.4	51.5	74	47	207.9	2	------	S.-Cu.	1	------	Cu.
27	SW	SE	S	W	N	N	35.4	72.1	65.8	33.6	206.9	0	------	------	0	Ci.	Cu.
28	SE	SE	SSE	NNW	NNW	S	36.4	67	82.7	54.9	241	0	------	------	1	Ci.	Cu.
29	S	S	S	NNW	NW	SW	29.8	46.4	84	37.8	198	3	Ci.	Cu.	3	Ci.	Cu.
30	SW	S	SSE	SSE	NW	S	35.9	38.9	49.9	37.2	161.9	0	------	Cu.	2	Ci.	Cu.
31	SE	SE	SE	NW	NW	N	42.6	43.1	82.7	72.7	241.1	1	Ci.	------	1	------	Cu.
Mean	------	------	------	------	------	------	43.6	56.4	70.8	46.3	217	3.4	------	------	3.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,727.2	------	------	------	------	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.19	64.36	64.85	63.17	63.49	64.53	64.10	23.5	22.1	29.1	30.1	26	24.5	25.9	30.7	21.7	83	73	49	47	72	87	68.5	------
2	63.87	64.15	65.20	63.17	63.23	64.10	63.95	21.7	21.4	28.1	29.8	26.1	23.9	25.2	30.5	20.4	89	86	62	61	79	88	77.5	------
3	63.86	63.99	65.51	63.66	63.78	64.75	64.26	22.2	19.4	28.5	30.6	26.4	24.6	25.3	31	19.1	86	91	60	51	69	71	71.3	------
4	63.81	63.51	64.67	62.51	62.90	64.42	63.64	23.9	23	27.9	30.7	27.5	24.3	26.2	31	22.4	69	68	54	44	58	66	59.8	------
5	64.35	64.30	65.05	62.35	62.87	64.03	63.82	23.9	23	29	31.1	26.9	26	26.6	31.3	22.4	86	74	55	47	68	79	68.2	------
6	63.49	63.68	65.16	63.21	63.64	65.12	64.05	25.5	23	28.1	30.1	26.5	25.8	26.5	30.5	22.7	84	88	63	62	75	75	74.5	------
7	64.52	64.53	65.77	63.62	63.97	64.79	64.53	25	24.9	27.5	28.6	24.6	23.7	25.7	29.1	23.4	70	68	60	57	71	73	66.5	------
8	64.43	64.54	65.92	64.49	64.72	66.28	65.06	22.9	19.8	27.6	28.6	26.1	22.9	24.6	29.8	19	86	91	62	57	63	60	69.8	------
9	65.43	65.74	67.15	64.83	65.02	65.91	65.68	22	21	27.1	29.4	25.4	21.9	24.5	29.7	20.5	63	65	47	38	49	63	54.2	------
10	65.19	65.38	66.65	64.85	64.85	65.50	65.40	21	21.1	26.6	28.1	24.5	22.4	24	28.5	20.4	65	65	49	44	68	72	60.5	------
11	64.39	64.14	65.20	63.45	63.49	63.89	64.09	21	19.9	27	29	25	24.1	24.3	29.9	19.5	73	72	44	46	68	74	62.8	------
12	63.04	62.95	63.64	62.22	62.13	63.01	62.83	20.1	19.6	28.5	29.5	25.5	21	24	30.5	19.4	80	85	52	50	71	83	70.2	------
13	62.48	62.57	62.91	62.01	62.24	62.62	62.47	19.5	18.1	28.5	30.1	26.1	25.1	24.6	30.5	17.8	88	93	64	61	69	71	74.3	------
14	62.22	62.24	63.33	61.91	62.34	62.68	62.45	25	24.6	28.6	29.9	25.9	25.4	26.6	30.5	24.1	71	75	64	54	78	82	70.7	------
15	62.52	62.68	63.06	61.55	62.07	63.06	62.49	24.5	20	29.4	31.5	26.6	24.2	26	32.5	19.9	88	92	50	43	69	83	70.8	------
16	62.64	62.85	63.37	62.32	62.73	63.39	62.88	22.6	20.5	29.9	30.5	26.7	24	25.7	32.6	19.7	86	91	56	62	69	84	74.7	------
17	62.70	62.98	63.87	62.17	62.82	63.41	62.99	24	23	29	29.6	26.1	24.2	26	30.5	22.6	80	79	58	56	75	86	72.3	------
18	63.01	63.26	64.12	61.91	62.21	62.68	62.86	22.6	21.6	28.4	29.6	26	25.1	25.6	31	21.4	79	79	50	57	78	82	70.8	------
19	61.94	62.00	62.32	60.26	61.29	62.37	61.70	24.7	22.1	28.5	30	26.3	25.4	26.2	30.7	21.9	82	91	56	56	79	80	74	------
20	61.63	61.68	62.66	60.53	60.66	61.40	61.43	24.7	24.5	27	28	25.4	25.4	25.8	29	23.3	80	80	70	65	77	81	75.5	------
21	61.05	61.00	61.92	60.48	60.59	61.84	61.15	21.9	19.8	28	29.5	25.9	24.1	24.9	30.5	19.4	88	93	63	59	75	83	76.8	------
22	61.32	61.63	62.63	61.07	61.19	62.23	61.68	22.5	21.4	29.1	30.6	25.6	25.1	25.7	31.5	20.9	87	87	57	52	78	82	73.8	------
23	61.89	61.89	62.53	61.23	61.36	62.91	61.97	21	19.6	29	30.9	26.2	25.1	25.3	31.3	19.3	88	91	58	59	72	82	75	------
24	62.28	62.14	63.23	61.23	61.28	61.97	62.02	23	22	28	30.1	26.5	25.4	25.8	31.5	21.9	78	72	56	49	72	77	67.3	50.8
25	61.38	61.52	62.66	60.69	60.45	61.69	61.40	24.4	21.5	24.1	28.4	25.2	23.1	24.4	28.6	21	83	93	91	72	81	90	85	40.1
26	61.38	61.23	62.19	60.93	61.63	63.17	61.76	20.5	21	27.6	27.9	26	25.4	24.7	29.9	18.9	86	82	59	62	73	80	73.7	------
27	62.93	62.93	63.14	61.34	61.42	62.05	62.30	23.4	21	27.9	28.5	25.6	24.6	25.2	29.1	20.7	88	87	63	68	79	87	78.7	------
28	61.72	61.50	61.94	60.37	60.21	61.18	61.15	21.6	21.6	28.4	29.6	26.5	22.6	25	29.9	20.6	91	84	56	58	74	86	74.8	------
29	61.00	61.24	61.73	60.35	60.39	61.31	61	21.4	21.9	27.9	30	26.5	25	25.4	30.6	20.8	91	89	62	59	76	80	76.2	------
30	60.73	61.07	61.67	60.26	60.59	61.84	61.03	21.5	22.1	28.4	29.4	26.6	25.7	25.6	30.1	21.1	89	91	68	64	80	81	78.8	------
31	61.07	61.29	61.96	60.08	60.33	61.38	61.02	22.1	23.6	28.1	29.1	26.6	25.1	25.8	31.5	21.6	91	91	66	72	80	88	81.3	------
Mean	62.79	62.87	63.74	62.01	62.25	63.21	62.81	22.7	21.6	28.1	29.6	26	24.4	25.4	30.5	20.9	82.2	82.8	58.8	55.9	72.4	79.2	71.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	90.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	3	SSE	4	E	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	2	Ci.-S.	S.-Cu.
2	SSE	1	SSE	2	SE	4	N	4	N	4	SSE	2	5	Ci.-S.	S.-Cu.	1	Ci.-S.	Fr.-Cu.
3	SSE	4	S	1	SE	4	NNW	4	NNE	4	SE	4	2	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
4	SSE	4	SSE	4	SSE	4	SE	4	S	3	SSE	4	10	------------	S.-Cu.	10	------------	S.-Cu.
5	SSE	1	SSE	3	SSE	4	SE	4	N	4	NNE	4	10	------------	S.-Cu.	1	------------	Cu.
6	NNE	2	SSE	2	ESE	4	N	4	NNW	4	NNE	4	1	Ci.-S.	Cu.	3	------------	Fr.-Cu.
7	NNE	5	NNE	5	NNE	5	NNE	4	N	4	NNE	4	7	A.-Cu.	Cu. NNE	4	Ci.-S.	Fr.-Cu. NNE
8	SSE	1	S	1	E	4	NNE	4	NNE	4	SSE	4	8	Ci.-S.	S.-Cu. SSE	10	------------	S.-Cu.
9	SSE	5	SSE	4	SSE	5	SE	5	SSE	5	SSE	5	10	Ci.-S.	S.-Cu.	10	Ci.	S.-Cu.
10	SSE	5	SSE	5	SE	5	E	4	NNE	4	SSE	3	10	------------	S.-Cu.	2	Ci.-S.	S.-Cu.
11	SSE	4	SSE	4	SE	5	NW	4	NNW	4	NNE	4	4	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
12	Calm	----	S	2	S	4	NNE	4	NNE	3	SSE	2	1	------------	S.-Cu.	1	Ci.-S.	Cu.
13	SSE	1	SSE	2	SE	3	N	4	NNE	4	NNE	4	1	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
14	NNE	4	E	3	ESE	3	NNE	4	NNE	4	NNE	4	10	------------	S.-Cu.	1	Ci.-S.	Cu.
15	E	2	SSE	1	SSE	4	ESE	4	N	3	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16	SSE	2	S	1	SSE	4	N	4	NNE	4	SSE	4	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
17	SSE	4	SSE	4	SE	4	E	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
18	SSE	4	SSE	4	SSE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
19	NNE	4	S	2	SSE	4	NNE	4	N	4	NNE	5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
20	NNE	5	NNE	4	NNE	4	NNE	5	NNE	5	NNE	4	10	Ci.-S.	N.-cf. NNE	6	Ci.-S.	Cu. NNE
21	S	1	S	1	SE	4	N	4	NNE	4	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
22	SSE	2	SSE	2	SE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
23	S	1	S	1	SSE	4	NNE	4	N	3	S	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
24	SSE	4	SSE	4	SE	4	NNE	4	N	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.	S.-Cu.
25	NNE	4	ESE	2	SSE	2	N	4	NNW	4	S	1	10	------------	N.	2	Ci.-S.	Cu.
26	SSE	2	SSE	4	SE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
27	SSE	1	SSE	2	SE	4	N	4	N	4	NE	2	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-Cu.
28	S	1	S	2	SE	4	NW	4	N	4	S	1	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
29	SSE	1	SSE	2	SSE	4	N	4	N	4	N	3	10	Ci.-S.	Cu.	5	Ci.-S.	Cu.
30	S	1	S	1	ESE	4	N	4	N	3	N	3	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
31	S	1	S	1	S	4	WNW	4	WSW	1	S	1	10	------------	S.-Cu.	10	------------	Cu. SSE
Mean	------	2.5	------	2.5	------	4	------	4.1	------	3.8	------	3	8.1	------------	------------	6.1	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.88	61.02	61.79	60.01	60.14	61.01	60.81	23.2	22.5	28.3	30	26.4	25.5	26	31	21.6	90	88	62	59	81	80	76.7	------
2	60.72	60.77	61.83	60	60.24	61.36	60.82	25.1	25.1	27.5	29.4	26.1	25.5	26.4	29.7	24.9	82	82	71	63	79	80	76.2	------
3	61.03	61.20	62.24	60	59.79	61.59	60.98	24.1	21.6	28.4	30.5	27.2	25.5	26.2	31.1	21.1	88	95	65	54	75	84	76.8	------
4	60.75	60.98	61.61	59.80	60.17	61.63	60.82	22.4	20.7	29	29.5	27.1	25.5	25.7	30.1	20.3	91	94	62	64	77	78	77.7	------
5	60.84	60.85	62.21	60.52	60.17	61.73	61.05	23.9	23.4	29	31	27	26.2	26.8	31.1	22.9	84	85	62	51	71	78	71.8	------
6	61.02	61.35	63.02	61.01	61.01	61.76	61.53	22.9	22	27.6	29.4	26.2	25.6	25.6	30	20.9	86	88	68	66	79	82	78.2	------
7	60.72	60.65	61.42	59.27	59.37	60.99	60.40	24.1	20.8	28.9	31	26.1	24.3	25.9	31.5	20.5	90	94	56	57	78	88	77.2	41.1
8	60.98	61.37	62.78	61.29	61.46	62.47	61.72	23.5	23.1	27	28.6	26	25.5	25.6	29.3	22.4	91	92	77	64	72	74	78.3	------
9	61.70	61.89	63.31	61.41	61.26	62.54	62.02	24.7	24.4	28	29	25.6	23.1	25.8	29.5	22.6	82	83	68	67	79	90	78.2	------
10	61.78	62.06	62.98	61.32	61.23	62.25	61.94	21.9	19.5	28.1	28.5	26.7	25	25	29.5	19.1	91	95	61	68	74	80	78.2	------
11	62.28	62.60	63.76	62.53	62.36	63.73	62.88	22.1	24.2	27.2	28.6	25.5	24.1	25.3	29	21.4	86	82	68	64	73	75	74.7	------
12	63.35	63.35	64.47	63.06	62.85	63.67	63.46	23.7	23.3	25.7	27.6	24.6	21.1	24.3	27.8	19.2	75	76	67	66	74	82	73.3	------
13	63.26	63.35	63.92	62.53	62.46	63.38	63.15	18.8	17	27.1	28.6	25.5	22.6	23.3	29.3	16.9	90	96	56	56	73	86	76.2	------
14	63.18	63.37	64.32	62.34	62.27	63.37	63.14	20	18.5	27	28.6	25.6	24.2	24	29	18	91	91	63	61	75	82	77.2	.3
15	63.03	62.68	63.82	61.72	61.59	63	62.64	22.6	22.6	26.1	29.5	26.4	24.4	25.3	30.7	22	78	78	69	47	66	71	68.2	------
16	62.11	62.16	63.33	61.72	61.76	63.09	62.36	22.5	21.8	28.1	29.6	26.4	25.2	25.6	32	21.4	78	77	51	58	73	82	69.8	------
17	62.30	62.55	63.77	61.73	61.68	62.50	62.42	21.5	18	27.6	28.1	26.1	22.3	23.9	29.7	17.9	87	90	68	63	69	88	77.5	------
18	61.95	62.40	63.73	62.02	61.69	62.88	62.44	20.7	22.5	28.6	28.9	26.4	24.6	25.3	30.1	20.6	91	91	64	67	70	83	77.7	------
19	62.23	62.14	63.11	61.43	61.73	62.11	62.12	22.3	19.8	28.1	30.1	26.5	25	25.3	31	19.3	91	93	69	53	74	83	77.2	------
20	61.22	61.64	62.93	61.23	61.17	61.93	61.69	22	21	28.1	30	26.5	22.1	25	30.2	20.4	86	87	57	60	74	91	75.8	------
21	61.05	61	61.89	60.70	61.09	61.96	61.28	21.9	23	27.9	30.6	26.3	25.6	25.9	31.2	21.3	91	92	65	52	78	73	75.2	------
22	60.73	60.33	61.08	60.08	60.02	61.76	60.67	22.9	21.7	28.1	29.1	26.2	25.2	25.5	31	21.2	88	91	51	67	75	79	75.2	------
23	61.03	61.21	62.34	61.03	61.51	62.09	61.54	24.3	20.6	28.9	29	25.4	24.5	25.4	30	20.2	88	91	55	58	77	78	74.5	------
24	61.26	60.89	62.41	61.16	61.04	61.87	61.44	23.7	19.6	28	29.1	25.7	24.4	25.1	29.5	19	86	90	66	63	70	72	74.5	------
25	61.38	61.19	62.27	61.02	60.51	61.78	61.36	19.5	18	27.5	28.1	24.7	23.8	23.6	29.1	17.4	90	94	67	62	71	73	76.2	------
26	61.26	61.46	62.99	61.34	61.33	62.57	61.82	21.5	18.4	27.5	28.1	26.4	24.4	24.4	29.5	18	89	94	70	69	73	77	78.7	------
27	61.75	62.07	63.61	61.15	61.56	63.13	62.21	23.6	23.5	29.5	31.3	27	26.1	26.8	32.5	21.5	77	78	56	52	70	76	68.2	30.7
28	62.78	62.68	64.63	62.47	61.96	63.57	63.02	22	22.1	26	29.1	26	25.6	25.2	31	21	91	90	72	70	81	79	80.5	------
Mean	61.66	61.76	62.91	61.21	61.19	62.35	61.85	22.6	21.4	27.8	29.3	26.1	24.5	25.3	30.2	20.5	86.7	88.5	63.8	60.8	74.3	80.1	75.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	72.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	2	SE	4	N	4	N	4	NNE	5	10	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
2	NNE	5	NNE	5	NNE	4	NNE	3	N	4	NNE	4	10	Ci.-S.	Cu. NNE	1	------------	Cu.
3	NNE	2	S	1	SE	4	SE	4	NW	3	S	1	2	Ci.-S.	S.-Cu.	1	------------	Cu.
4	SSE	1	SSE	2	SE	4	NNE	4	NNE	1	SSE	1	10	Ci.	S.-Cu.	9	Ci.	S.-Cu.
5	SSE	4	SSE	4	SE	4	E	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
6	SSE	1	SSE	2	ESE	4	NNE	4	NNE	4	NNE	4	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
7	NNE	2	Calm	----	S	4	WNW	4	WNW	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
8	S	1	S	2	NNW	3	NNW	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
9	NNE	4	NNE	4	NNE	4	NW	4	N	4	S	1	8	Ci.-S.	Fr.-Cu.NNE	2	Ci.-S.	Cu.
10	SSE	2	SSE	1	SE	4	N	4	NNW	4	NNE	4	2	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
11	SSE	2	NNE	4	NNE	4	N	4	N	5	N	7	4	Ci.-S.	Fr.-Cu.NNE	1	Ci.-S.	Cu.
12	N	6	N	6	N	5	N	5	NNW	4	SSE	2	10	Ci.-S.	Cu. NNE	5	Ci.	Cu. NNE
13	SSE	1	S	1	SSE	4	NNE	4	NNE	4	SSE	2	10	Ci.-S.	S.-Cu.	2	Ci.-S.	S.-Cu.
14	SSE	1	SSE	1	SE	4	N	4	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	3	Ci.-S.	S.-Cu.
15	SSE	5	SSE	5	SE	4	ESE	4	SE	2	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16	SSE	4	SSE	4	SSE	5	WNW	4	NW	3	N	3	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
17	SSE	2	S	1	ESE	4	NNE	4	NNW	3	S	1	3	A.-S.	S.-Cu.	1	------------	Cu.
18	S	1	S	1	NNE	4	NNE	4	N	4	NNW	3	10	------------	N.-cf.	1	------------	Cu.
19	S	1	S	1	SE	4	N	4	N	3	NNE	3	1	------------	S.-Cu.	2	------------	Cu.
20	SSE	2	S	2	SE	3	NW	4	WNW	4	S	1	1	------------	S.-Cu.	5	------------	Cu.
21	SSE	1	SSE	1	SE	4	NNE	4	NNE	4	NNE	4	10	------------	Cu.	9	Ci.-S.	S.-Cu.
22	SSE	1	S	2	SSE	5	WNW	4	W	3	N	4	1	A.-S.	S.-Cu.	1	------------	Cu.
23	NNE	2	S	1	S	4	WNW	5	N	5	N	5	1	A.-S.	S.-Cu.	7	Ci.-S.	Cu.
24	NNE	2	S	1	NNE	4	N	4	NNW	4	NW	2	1	Ci.-S.	S.-Cu.	1	------------	Cu.
25	S	1	S	1	NNW	4	WNW	4	NW	3	NNW	2	1	------------	S.-Cu.	1	Ci.-S.	Cu.
26	S	1	S	1	E	4	N	4	WNW	1	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf.
27	SSE	5	SSE	5	ESE	4	ESE	4	NNW	4	N	4	10	------------	S.-Cu.	10	Ci.-S.	Cu.
28	SSE	1	SSE	2	SE	3	NNE	4	NNE	4	NNE	4	10	------------	N.-cf.	10	Ci.-S.	Cu.
Mean	------	2.2	------	2.2	------	4	------	4	------	3.6	------	3	6.6	------------	------------	4.7	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*
1	63.32	63.22	64.38	62.87	62.54	63.92	63.38	25.4	23.2	28.4	29.6	26.6	25.6	26.5	30.5	22.6
2	63.38	63.17	64.29	62.42	62.18	63.36	63.13	25	25	27.5	28.6	26	24.9	26.2	29.4	22.2
3	62.09	62.11	62.66	61.38	60.62	61.72	61.76	21.9	21.9	29.9	29.9	26.1	23	25.4	30.6	21.4
4	60.72	60.59	61.67	59.67	59.23	60.27	60.36	22.1	21.7	28.9	29.4	26.7	22.4	25.2	30.6	21.5
5	59.27	59.10	59.57	57.60	57.77	58.90	58.70	21.5	20.1	29.1	30.4	27.5	24.6	25.5	33.1	19.9
6	57.79	57.66	59.15	57.06	57.26	59.13	58.01	23.5	22.1	30.7	30.5	28	25.4	26.7	32.7	22
7	57.98	58.34	59.81	57.88	58.32	59.77	58.68	23.5	23.6	29.4	31.1	28.1	26.4	27	32	23.3
8	58.75	58.42	59.41	57.66	57.80	59.61	58.61	24.5	23	31.1	31.1	28	25.6	27.2	33.9	22.7
9	58.63	58.56	59.73	58.09	58.80	59.67	58.83	24	24	30.2	33	28.7	26.9	27.8	33.5	23
10	58.90	59.23	60.47	58.82	58.28	59.40	59.18	25.6	23.1	30.4	31.1	28	25	27.2	32.9	23
11	58.76	58.61	60.06	58.43	58.21	59.40	58.91	23.1	23	30.2	32	28	24.5	26.8	32.6	22
12	58.89	59.42	60.67	59.75	59.48	60.44	59.78	23.4	24	30	31	28.5	24.5	26.9	31.5	22.8
13	59.77	59.84	61.73	60.06	59.50	61.37	60.38	23.1	23	30	31	28	23.5	26.4	32.4	21.9
14	60.49	60.99	62.32	60.62	60.38	62.33	61.19	22.1	26	29.7	31	27.5	26.3	27.1	32.1	21.4
15	61.03	61.62	62.73	60.59	60.52	61.51	61.33	25.5	23.1	30	31.6	28.6	26.6	27.6	32.6	22.9
16	60.62	60.62	61.78	59.62	60.31	62.41	60.89	23.9	22.6	30.6	32.6	28.5	26.1	27.4	32.9	22.3
17	61.58	62.09	63.25	61.81	62.05	63.54	62.39	25.3	24.5	29.4	32	28	26	27.5	32.5	24.1
18	63.54	63.77	65.07	63.21	62.88	64.16	63.77	26	26	28.6	29.4	27	26.4	27.2	30.6	25.6
19	63.14	63.18	63.76	61.37	61	61.98	62.40	25	23.1	30.2	31.4	28	24.7	27.1	32.5	23
20	60.64	60.82	61.87	59.47	59.18	59.96	60.32	24	23	29.3	30	27.1	24.4	26.3	31.1	22.9
21	59.10	59.47	61.17	59.23	58.77	59.89	59.60	23.1	22	29.9	30.9	27.8	25.5	26.5	31.7	21.6
22	58.89	59.45	61.06	59.16	58.88	60.18	59.60	23	23.4	30.6	31.5	27.7	24.4	26.8	32.5	21.4
23	59.36	59.73	60.91	58.87	58.82	60.07	59.63	22.1	21.9	30.7	32.6	28.5	26.6	27.1	33.6	21
24	59.45	59.82	61.41	59.34	59.27	60.39	59.95	23.1	23.5	31	33.5	28.5	26.8	27.7	34.3	22
25	59.69	60.14	61.53	59.56	59.32	60.51	60.12	23.4	22	31.5	32	28	27	27.3	33.1	21.9
26	59.93	59.86	60.95	59.54	59.14	60.63	60.01	26.5	25.5	31.6	32.1	28.4	26.9	28.5	33.6	24.5
27	60.02	60.72	61.56	59.78	59.34	60.85	60.38	24	20	30.4	30.6	27.1	24	26	32	19.9
28	60.45	60.70	61.70	59.65	59.40	61.38	60.55	23.3	23.7	30.6	32.5	28.5	23.8	27.1	33.5	22.7
29	61.05	61.24	62.02	59.45	59.50	60.91	60.70	22.2	23.6	30	32	28.1	26.4	27	33.1	21.5
30	60.57	60.56	61.51	59.42	58.77	59.67	60.08	25.8	25.5	30.1	31.6	27.5	26.1	27.8	32.4	25.1
31	59.15	58.88	59.60	57.86	57.64	58.59	58.62	25.5	24.1	31	31.6	27.5	26.2	27.6	32.6	24.1
Mean	60.22	60.38	61.54	59.69	59.51	60.84	60.36	23.9	23.3	30	31.2	27.8	25.4	26.9	32.3	22.5
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	P. ct.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	80	90	75	71	80	79	79.2	------
2	80	80	74	71	84	87	79.3	------
3	88	91	54	65	82	91	78.5	------
4	89	79	53	66	72	88	74.5	------
5	91	94	67	65	77	87	80.2	------
6	84	90	59	70	80	85	78	------
7	91	94	72	73	81	81	82	------
8	87	93	57	69	82	90	79.7	------
9	91	91	64	52	79	84	76.8	------
10	88	94	63	66	77	88	79.3	------
11	91	95	65	64	77	88	80	------
12	91	88	65	63	75	88	78.3	------
13	91	95	69	65	73	88	80.2	------
14	91	84	69	65	70	78	76.2	------
15	84	91	65	57	73	84	75.7	------
16	90	88	53	55	68	87	73.5	7.6
17	89	88	64	57	80	84	77	6.6
18	84	84	74	72	81	81	79.3	------
19	87	90	58	61	77	87	76.7	------
20	91	92	63	66	77	87	79.3	------
21	90	93	70	63	71	80	77.8	------
22	91	91	61	57	74	87	76.8	------
23	90	92	54	52	73	84	74.2	------
24	90	90	48	47	73	86	72.3	------
25	90	92	52	61	76	83	75.7	------
26	84	84	49	51	73	86	71.2	------
27	86	91	49	60	75	85	74.3	------
28	81	69	43	46	64	81	64	------
29	89	83	56	55	76	79	73	------
30	82	84	64	60	73	76	73.2	------
31	80	88	63	63	77	79	75	------
Mean	87.5	88.6	61	61.5	75.8	84.5	76.5	------
Total	-----	-----	-----	-----	-----	-----	-----	14.2

Day.	Wind.											
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*
1	NNE	3	ESE	1	N	4	N	4	NNE	4	NNE	4
2	NNE	4	NNE	4	N	4	N	4	N	4	S	1
3	S	2	S	2	S	4	WNW	4	WNW	4	S	1
4	SSE	2	SSE	3	SE	4	W	4	WNW	4	SSE	1
5	S	1	S	1	SE	5	W	5	WNW	3	S	1
6	SSE	4	S	1	SSE	4	WNW	4	W	4	S	1
7	S	1	S	1	E	4	NW	4	NNW	4	NNE	4
8	S	1	S	1	SSE	5	WNW	4	WNW	4	Calm	----
9	SSE	1	SSE	2	SE	4	NNE	4	NW	4	Calm	----
10	Calm	----	SSE	1	E	4	WNW	4	WNW	4	SSE	1
11	S	1	S	1	ESE	4	NNW	4	WNW	4	S	1
12	S	1	SSE	2	ESE	4	NW	4	NW	4	SSE	1
13	SSE	1	SE	1	E	4	WNW	4	WNW	3	SSE	1
14	SSE	1	NNE	4	NNE	4	NNW	4	N	4	NNE	4
15	NNE	3	S	1	ESE	4	ESE	4	WNW	3	NNE	2
16	SSE	1	SSE	2	SE	4	NNE	4	WNW	4	S	2
17	SSE	1	SSE	2	SE	4	N	4	N	4	N	5
18	N	5	N	5	N	5	N	4	N	5	NNE	4
19	NNE	3	S	4	S	3	NW	4	NNW	4	S	1
20	S	1	S	1	SE	4	WNW	5	WNW	3	S	1
21	S	1	S	1	N	4	WNW	4	NW	4	N	3
22	SSE	1	SSE	1	ESE	4	NNW	4	NNW	3	SSE	1
23	SSE	1	SSE	1	SE	4	NNW	4	NNW	3	NNE	2
24	S	1	SSE	2	SSE	4	NNE	4	NNW	3	N	2
25	S	1	S	1	SE	4	NW	4	N	4	NNE	5
26	NNE	4	ESE	2	ESE	4	N	4	NNE	4	NNE	2
27	SSE	2	S	1	SE	5	N	4	N	4	SSE	1
28	SSE	3	SSE	4	SE	5	N	4	NNE	3	S	1
29	SSE	1	SSE	2	SE	5	NNE	4	NNW	4	NNE	4
30	NNE	3	N	2	NNE	4	N	4	NNW	4	NNE	4
31	NNE	4	Calm	----	NNE	4	NW	4	N	4	N	4
Mean	-------	1.9	-------	1.8	-------	4.2	-------	4.1	-------	3.8	-------	2.1

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-Cu. NNE
2	1	A.-S.	S.-Cu.	1	------------	Cu.
3	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
4	10	Ci.-S.	S.-Cu.	1	Ci.	Cu.
5	1	A.-S.	S.-Cu.	1	Ci.-S.	Cu.
6	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
7	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. NNW
8	10	Ci.-S.	S.-Cu.	6	Ci.	Cu.
9	1	Ci.-S.	S.-Cu.	1	------------	Cu.
10	2	A.-S.	S.-Cu.	9	------------	S.-Cu.
11	9	------------	S.-Cu.	1	------------	Cu.
12	6	------------	S.-Cu.	1	------------	Cu.
13	2	------------	Cu. SE	6	A.-Cu.	Cu.
14	9	A.-Cu.	Cu. NNE	2	------------	Fr.-Cu. N
15	9	A.-S.	S.-Cu.	10	------------	S.-Cu.
16	2	A.-S.	S.-Cu.	1	------------	Cu.
17	10	------------	N.-cf.	1	------------	Cu.
18	10	A.-Cu.	Cu. NNE	10	------------	Fr.-Cu. NNE
19	10	------------	S.-Cu.	2	Ci.	Cu.
20	3	Ci.	S.-Cu.	1	Ci.-S.	Cu.
21	10	Ci.-S.	Cu.	9	Ci.	Cu.
22	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
23	1	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
24	5	A.-Cu.	S.-Cu.	1	Ci.-S.	Cu.
25	2	A.-S.	S.-Cu.	2	A.-Cu.	Cu.
26	8	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
27	2	Ci.-S.	S.-Cu.	1	------------	Cu.
28	1	Ci.	S.-Cu.	1	Ci.	Cu.
29	1	A.-S.	S.-Cu.	1	Ci.	Cu.
30	8	------------	Cu. N	1	------------	Cu.
31	9	------------	Cu. NE	5	------------	Fr.-Cu. NW
Mean	5.8	------------	------------	4	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.19	58.75	60	58.48	58.36	59.62	58.90	24.1	23.9	31.4	31	28	25.3	27.3	32.1	22.7	91	91	55	65	77	85	77.3	------
2	58.97	59.41	60.50	58.87	59.25	60.56	59.59	23.2	23.5	30.5	33	28.6	27.2	27.7	34.8	22.4	91	93	56	50	75	85	75	------
3	59.71	59.64	61.30	59.56	59.52	61.14	60.14	26.2	24.8	30.2	32.5	28.4	26.5	28.1	33.9	24.2	86	85	53	58	79	84	74.2	------
4	59.83	59.89	60.75	59.10	59.13	60.91	59.94	26.5	26.5	31.1	31.5	28	27	28.4	32.8	26	84	82	68	68	77	86	77.5	------
5	59.97	60.16	60.93	58.86	59.48	60.68	60.01	26.1	23.6	31.9	31.9	29	24.6	27.8	33.6	23.5	87	93	67	66	78	88	79.8	0.3
6	59.17	59.10	60.82	58.47	58.93	60.57	59.51	23.5	22.8	31.2	31.6	29.1	25.2	27.2	32.6	22.3	91	91	64	66	76	85	78.8	------
7	59.68	59.77	60.98	58.78	59.18	60.61	59.83	23.8	23.8	30.6	32.4	27.5	26.8	27.5	33.4	23.5	86	90	68	62	77	75	76.3	------
8	59.79	59.96	60.81	59.50	59.72	61.67	60.24	26.2	24	32.4	32.1	29	25.5	28.2	32.9	23.9	81	88	56	64	75	84	74.7	------
9	60.77	60.93	62.26	60.45	60.92	62.80	61.36	24.5	25	33.4	34.1	29.9	27.4	29	34.7	24	89	84	50	46	71	89	71.5	.3
10	61.63	61.05	62.24	60.64	60.36	61.32	61.21	24.7	24	32	32.9	29.6	26.6	28.3	34.4	23.9	89	83	53	56	72	83	72.7	------
11	60.19	60.17	60.96	58.84	58.57	59.36	59.68	25	24.5	31.7	32.9	29.8	27.3	28.5	34.1	24.4	88	83	55	58	73	81	73	------
12	58.60	59.18	60.06	58.90	58.58	59.72	59.17	24.5	24	32	32.5	29.4	25.5	28	32.5	23.6	89	91	57	58	66	83	74	------
13	58.83	58.92	60.32	59.02	58.57	60.50	59.36	23.4	23	30.6	33	29.1	26	27.5	33.9	22.5	88	91	62	57	70	82	75	------
14	59.48	59.61	60.62	59.62	59.37	60.65	59.89	24.9	24.3	32.5	33	29.4	27.2	28.6	33.9	23.9	88	90	60	60	71	77	74.3	------
15	60.67	60.53	61.86	60.40	59.97	61.81	60.87	26.9	26.8	31.6	33	29.2	27.4	29.2	33.7	26.4	77	79	62	58	73	78	71.2	------
16	61.17	60.76	61.33	58.97	58.80	60.25	60.21	25.7	24.1	31.3	32.9	29.1	27.6	28.4	33.7	23.6	86	91	63	61	71	79	75.2	------
17	59.48	59.34	60.16	58.09	58.20	59.66	59.16	27	26.8	31.3	33.9	29	27.5	29.2	34.1	26.3	80	80	67	56	76	81	73.3	------
18	58.45	58.83	60.21	58.59	58.87	60.41	59.23	24.9	24	29.5	32.5	29.5	26.7	27.8	33.1	23.5	81	91	76	62	72	83	77.5	------
19	59.20	59.68	61.05	58.24	59.13	60.87	59.70	24.2	24.1	32.4	35.9	30.1	29	29.3	36.4	23.7	90	95	58	43	74	83	73.8	------
20	60.71	61.17	62.36	60.60	60.45	62.35	61.27	28.5	28.1	33	33.5	29.4	28.6	30.2	33.6	27.7	81	82	64	62	74	80	73.8	------
21	61.50	61.70	62.12	60.02	60.69	61.87	61.32	27	26.5	33.7	35	30.5	27.5	30	35.5	26.1	89	92	56	62	82	91	78.7	.8
22	60.82	60.48	60.80	59.04	59.15	60.59	60.15	25.4	23	33.5	33.4	30	28.4	29	35.6	22.9	89	93	51	56	77	85	75.2	------
23	59.20	59.33	60.15	58.90	59.14	59.98	59.45	26.9	26.8	33.5	32.5	30.1	26.7	29.4	35.8	25.6	90	78	56	64	75	90	75.5	2.5
24	59.30	59	60.21	58.71	59.19	60.57	59.50	25.6	25.2	33.1	34.1	31.1	29.1	29.7	35.4	24.9	93	95	64	62	72	82	78	------
25	59.38	59.47	60.50	58.45	58.77	60.06	59.44	26.5	25.6	32.4	34.5	31.1	29.4	29.9	35.6	25.4	89	93	63	62	71	79	76.2	------
26	59.37	59.75	60.21	58.25	58.50	60.17	59.38	28.4	26.9	34.3	33.6	30.6	29.6	30.6	36.5	26.1	86	92	49	62	74	82	74.2	9.4
27	59.67	59.84	60.49	59.08	58.30	60.07	59.58	28.5	25	33.1	34	30.6	29	30	35.5	24.9	88	93	58	54	73	81	74.5	------
28	59.73	59.25	59.44	57.94	58.18	59.42	58.99	28.5	28.4	33.8	33	29.9	28.8	30.4	35.1	28.1	82	82	65	68	75	80	75.3	16.5
29	58.53	58.50	58.76	57.21	57.20	58.76	58.16	28.6	25.5	31.6	34	30.6	27.7	29.7	34.6	24.9	85	93	63	56	74	80	75.2	------
30	58.28	58.91	59.65	58.19	58.25	59.86	58.86	26.3	26	32.4	33.9	30.6	29.1	29.7	35.5	25.1	81	81	52	59	74	81	71.3	------
Mean	59.68	59.77	60.73	58.99	59.09	60.56	59.80	25.8	25	32.1	33.1	29.5	27.3	28.8	34.3	24.5	86.5	88.2	59.7	59.4	74.1	82.7	75.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	29.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	1	S	1	S	4	WNW	4	WNW	3	SSE	2	2	A.-S.	Cu.	1	------------	Cu.
2	SSE	2	SSE	1	SE	5	N	4	NNE	4	NNE	3	1	A.-S.	Cu.	1	Ci.	Fr.-Cu.
3	NNE	3	SSE	2	SE	5	N	4	NNW	4	NNE	3	2	------------	Cu.	1	Ci.-S.	Cu.
4	NNE	4	N	4	N	4	N	4	N	4	N	4	9	------------	Cu. NNE	2	Ci.-S.	Cu.
5	NNE	2	Calm	----	NNE	4	NNW	4	NW	4	SSE	2	7	A.-Cu.	Cu.	2	Ci.-S.	Cu.-N.
6	SSE	2	SSE	2	NW	4	WNW	4	NW	2	SSE	4	10	Ci.	S.-Cu.	8	Ci.	Cu.-N.
7	SSE	2	SSE	2	N	4	NW	4	NNE	5	NNE	5	10	Ci.	Cu.	7	Ci.-S.	Cu.
8	NNE	4	S	1	SSW	4	NW	4	NW	4	SSE	3	3	Ci.	Fr.-Cu.	10	Ci.	Cu.
9	SSE	3	SSE	4	ESE	4	ENE	4	N	4	SE	1	9	Ci.	S.-Cu.	3	Ci.-S.	Cu.
10	SSE	2	SSE	3	SSE	5	NW	4	NNW	4	SE	1	10	Ci.	S.-Cu.	2	Ci.	Cu.
11	SSE	2	SSE	3	SSE	5	WNW	4	NW	3	NNW	2	2	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
12	S	1	S	1	SE	3	NW	4	WNW	4	SSE	2	8	Ci.	S.-Cu.	2	Ci.	Cu.
13	SSE	2	S	2	ESE	4	NNW	4	NW	2	SSE	2	4	------------	Cu.	2	Ci.	Cu.
14	SSE	2	Calm	----	NNE	4	NNW	4	NNW	3	N	4	9	Ci.	Cu.	8	Ci.-S.	Cu.
15	NNE	4	N	4	N	4	NNW	4	N	3	NNE	4	10	------------	Fr.-Cu.NNE	2	Ci.-Cu.	Cu.
16	NNW	2	SE	1	NNE	4	NNW	4	NW	2	NNE	3	8	Ci.	Cu.	1	------------	Cu.
17	N	4	N	4	N	4	N	4	NNE	3	N	4	10	------------	Cu.	2	Ci.	Cu.
18	SSE	1	SSW	1	NNE	4	NW	5	NW	4	NNE	3	3	Ci.	Cu.	2	A.-Cu.	Cu.
19	SSE	1	SSW	1	SE	5	ESE	4	NNW	3	NNW	3	3	Ci.	Cu.	3	------------	Cu.
20	N	3	NNE	2	NNE	4	NNW	4	NNE	4	N	4	10	Ci.	S.-Cu.	10	Ci.	Cu.
21	SSE	2	SSE	1	SE	4	NNW	5	NNW	5	ENE	3	5	Ci.	Cu.	10	Ci.	Cu.
22	S	1	SW	2	SE	5	NW	5	NW	3	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
23	S	3	S	3	ESE	5	WNW	4	NNW	3	SSE	1	2	A.-Cu.	Cu.	9	Ci.	Cu.-N.
24	S	1	S	1	ESE	4	NW	4	NW	3	N	3	1	Ci.	Cu.	1	------------	Cu.
25	S	1	SSE	1	ESE	4	N	4	N	4	N	4	4	Ci.-S.	Cu.	10	Ci.	Cu.
26	NNE	2	SE	2	SSE	5	WNW	5	WNW	4	N	3	3	Ci.-S.	Cu.	8	Ci.	Cu.
27	NNE	2	S	2	ESE	4	NW	4	WNW	4	NNE	3	10	Ci.-S.	Cu.	10	Ci.	Cu.
28	N	4	N	4	N	4	N	4	N	5	N	5	4	Ci.	Fr.-Cu.	10	Ci.-S.	Cu.
29	NNE	4	SE	2	ESE	4	NNW	4	NW	4	SSE	2	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu.
30	SSE	3	SSE	3	ESE	4	NW	4	WNW	4	N	2	10	Ci.	S.-Cu.	9	Ci.	Cu.
Mean	-------	2.3	-------	2	-------	4.2	-------	4.1	-------	3.6	-------	2.9	6.3	------------	------------	5.3	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.25	59.69	60.14	58.24	58.35	60.61	59.38	26.1	25.5	33.1	33.2	30.1	29.5	29.6	36.1	25.1	87	78	44	60	68	81	69.7	1.5
2	60.06	60.72	61.71	59.74	59.36	61.22	60.47	25.6	25.9	31.4	33.6	30.1	29.3	29.3	35	25.1	90	90	53	54	68	79	72.3	------
3	60.48	60.15	61.05	58.68	58.85	60.02	59.87	28.5	27.4	32.4	33.4	29.6	28.9	30	35.5	27.1	80	81	56	55	74	83	71.5	------
4	58.82	59.20	59.92	57.93	58.06	58.77	58.78	26.8	25.4	33.6	34.1	30.4	27.6	29.6	36	25.3	87	88	42	60	75	83	72.5	------
5	57.93	57.64	58.50	56.13	56.56	59.66	57.74	26.9	26.7	34.4	33.4	30.4	23.2	29.2	36	23	80	72	45	57	74	90	69.7	20.8
6	57.48	57.94	58.62	56.98	57.71	59.52	58.04	24.2	25.1	32.5	32.1	30.1	27.5	28.6	34.6	23.6	93	95	58	66	75	84	78.5	------
7	58.24	58.46	60.30	58.32	58.91	60.38	59.10	25.7	25.4	31.8	32.9	30	28.6	29.1	34.6	25	88	92	61	61	75	82	76.5	------
8	58.65	58.75	59.67	57.70	57.30	58.97	58.51	28.1	25.6	33.4	33.4	30.7	27.6	29.8	34.6	25.2	88	93	50	62	74	84	75.2	------
9	57.77	57.77	58.11	56.29	55.60	56.92	57.08	26.6	26.2	31.8	32.8	30.6	27.5	29.2	33.1	25.4	89	90	66	62	69	84	76.7	1
10	56.20	56.06	57.05	55.09	54.56	56.76	55.95	25.7	25.6	30.9	33.3	30.5	25.7	28.6	33.5	24.6	88	88	72	66	72	90	79.3	12.4
11	56.33	56.36	57.19	56.16	56.56	58.74	56.90	24.9	25.6	32.5	33	30.9	25.5	28.7	34	24.5	92	95	60	67	74	84	78.7	------
12	58.14	58.18	58.62	57.57	57.82	59.46	58.30	25.3	25.4	31.9	34.5	31.1	29.5	29.6	34.9	24.8	88	88	61	54	73	81	74.2	------
13	57.97	58.49	59.56	58.52	58.20	59.70	58.74	26.5	26	33.7	34.9	32	29.6	30.4	36.4	25.2	90	92	56	57	66	79	73.3	------
14	58.77	58.69	59.39	58.40	58.69	59.90	58.97	26.5	26.6	33.5	34	32	29.9	30.4	35.9	25.7	90	79	50	62	70	82	72.2	------
15	58.73	59.24	59.70	58.63	58.20	59.14	58.94	27.2	26.3	33	33.6	31.7	29.6	30.2	34.9	25.9	83	78	67	64	74	81	74.5	22.9
16	58.43	58.59	59.60	57.80	57.86	59.35	58.61	29.4	27	31.1	31.9	30.1	27	29.4	32.9	25.4	85	92	71	67	71	87	78.8	------
17	59.04	59.20	59.54	57.94	58.35	59.43	58.92	26.6	26	32.1	32.8	31.1	27.6	29.4	33.9	25.6	90	92	66	67	71	86	78.7	------
18	58.69	58.72	59.75	57.86	57.70	59.48	58.70	26.6	26.1	33	32.6	31	26.9	29.4	34	25.9	87	84	60	65	68	89	75.5	1.3
19	58.34	58.40	59.30	57.35	57.35	59.18	58.32	26.5	26.3	32.6	29.1	28.6	26.8	28.3	33.9	25.9	90	90	64	88	86	90	84.7	22.3
20	57.69	58.11	58.87	57.24	57.80	59.22	58.16	26	26	31.9	29.2	29.2	26.1	28.1	34	25	92	92	66	85	83	92	85	2.4
21	58.29	58.90	59.79	58.86	59.25	61.02	59.35	26.1	26.1	31.9	31	28.4	26.1	28.3	33.1	25.6	95	98	72	76	86	92	86.5	------
22	60.23	60.26	61.06	58.92	59.29	62.56	60.39	26.1	26.1	31.1	32.6	30.6	24.6	28.5	33.2	23.5	92	95	71	65	74	92	81.5	34.6
23	60.01	60.06	60.54	59.21	58.61	60.09	59.75	24.5	24.8	30.9	31.3	30.1	25.4	27.8	32.9	23.7	93	96	72	76	77	91	84.2	18.5
24	59.12	58.80	59.36	57.75	57.80	58.96	58.63	25.5	26.1	32	32.6	30.9	27.5	29.1	33.6	25	94	95	72	70	76	91	83	------
25	58.15	57.95	59.02	57.66	57.35	59.08	58.20	26.2	25.6	32	33.1	31.5	29.1	29.6	33.6	25.1	93	95	72	69	75	85	81.5	2.3
26	58.54	58.91	59.55	57.26	57.25	58.61	58.35	25.6	25.6	32.1	32.3	31.1	28	29.1	32.9	24.6	92	95	75	70	72	91	82.5	------
27	57.64	57.39	57.67	56.24	55.60	56.75	56.88	27	26.5	32.5	33.7	30.9	28.1	29.8	34.1	26	93	95	71	70	72	88	81.5	------
28	55.64	55.65	56.22	54.45	54.06	55.61	55.27	27.7	26	31.6	32.9	30.6	27.1	29.3	33.7	25.5	91	93	75	70	76	92	82.8	------
29	54.93	55.07	55.46	54.10	53.87	56.11	54.93	26.5	26.5	32.5	33.1	31.5	28	29.7	34.3	26.1	93	95	73	66	73	86	81	24.1
30	55.23	55.55	55.47	53.91	54.31	56.61	55.19	24.6	25.9	31.9	33	30.8	27	28.9	33.7	24.5	93	94	71	67	76	92	82.2	3.5
31	54.73	54.73	54.48	53	52.69	53.65	53.88	25.6	25.6	31.5	32.9	30.3	27	28.8	33.5	25.1	93	96	76	70	77	84	82.7	61.9
Mean	58.06	58.18	58.88	57.22	57.22	58.89	58.07	26.3	26	32.3	32.8	30.5	27.5	29.2	34.3	25.1	89.6	90.2	63.5	66.1	74	86.3	78.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	229.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	2	SSE	4	S	5	WNW	4	WNW	4	NW	2	9	Ci.	Cu.	2	Ci.	Cu.
2	SE	3	ENE	2	ESE	4	NNE	4	NNW	4	NNW	5	10	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.
3	N	5	ENE	3	ESE	4	N	4	N	5	N	4	10	Ci.-S.	Cu.	9	Ci.	Cu.
4	S	2	S	2	S	5	NW	4	NW	3	S	1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
5	S	3	S	4	S	4	WNW	4	NW	4	NNE	4	1	Ci.-S.	S.-Cu.	2	------------	Cu.
6	SSE	3	SSE	3	SE	4	WNW	4	WNW	4	S	1	10	Ci.	S.-Cu.	2	Ci.	Cu.
7	SSE	2	SSE	2	ESE	4	NNW	4	N	4	N	4	10	Ci.-S.	S.-Cu.	7	Ci.	Cu.
8	NNE	2	SSE	2	SE	4	WNW	4	NW	4	SSE	3	2	Ci.	Cu.	3	Ci.	Cu.
9	S	2	S	2	WNW	2	NW	4	NW	2	S	2	10	Ci.	S.-Cu.	2	Ci.-S.	Cu.-N.
10	S	2	S	2	ESE	3	WNW	4	WNW	4	SSE	2	3	Ci.	Cu.	2	Ci.-S.	Cu.-N.
11	SSE	2	SSE	2	SE	3	WNW	4	NNW	3	SSE	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
12	SSE	3	SE	3	SE	5	E	4	NW	4	N	4	9	A.-Cu.	S.-Cu.	2	------------	Cu.
13	SSE	1	SSE	2	SE	5	WNW	4	NW	3	NNE	3	9	------------	Cu. SSE	2	------------	Cu.-N.
14	SSE	1	SSE	4	SE	5	WNW	4	NW	4	NNE	3	8	Ci.	Cu.	2	------------	Cu.
15	SE	2	SE	3	WNW	4	WNW	4	NNW	4	N	3	2	Ci.-S.	Cu.	3	A.-Cu.	Cu.
16	NE	3	SSE	1	S	4	WNW	5	WNW	3	SE	2	10	Ci.-S.	Cu.-N.	10	Ci.	Cu.
17	SSE	2	S	3	SE	4	WNW	5	N	3	SSE	1	10	------------	Cu.-N.	10	Ci.-S.	Cu.
18	S	2	S	3	S	4	WNW	4	W	3	S	2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
19	S	2	SSE	3	SE	4	ESE	1	W	2	S	2	10	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
20	S	2	S	2	S	4	W	4	W	2	SSE	2	10	A.-Cu.	S.-Cu.	10	Ci.-S.	N.-cf.
21	SSE	2	SE	1	SE	3	WNW	4	SSE	3	SE	1	10	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
22	SSE	2	SSE	2	SE	4	ESE	3	WNW	4	ESE	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
23	SSE	2	SSE	2	ESE	4	WNW	4	WNW	4	SSE	4	9	A.-Cu.	S.-Cu.	9	------------	Cu.-N.
24	SSE	1	ESE	2	NNE	4	NW	4	NNW	4	SSE	1	2	Ci.	Cu.	1	------------	Cu.
25	SSE	1	SSE	1	NNE	4	NNW	4	NNW	3	S	1	10	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N.
26	SSE	1	S	1	NNW	4	WNW	4	WNW	3	SE	1	10	Ci.	S.-Cu.	8	Ci.	Cu.
27	S	2	S	2	NNW	3	WNW	4	WNW	4	S	2	10	Ci.	Cu.	7	Ci.	Cu. WNW
28	SE	2	SE	2	WNW	4	WNW	4	WNW	3	S	1	10	Ci.-S.	Cu.	10	Ci.	Cu.
29	SE	2	SSE	2	ESE	4	NW	4	NNW	4	NNE	4	10	Ci.	Cu.	10	Ci.	Cu.
30	SSE	2	S	1	S	4	WNW	4	WNW	3	SE	2	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
31	S	2	S	1	N	2	WNW	4	WNW	4	WNW	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	------	2.1	------	2.2	------	3.9	------	3.9	------	3.5	------	2.5	8.4	------------	------------	6.3	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	52.65	52.35	52.94	52.52	52.34	54.20	52.83	25.8	25	27.6	27.1	26	25.6	26.2	28.6	24.6	87	97	92	96	94	97	93.8	36.2
2	52.87	53.52	55.10	53.89	53.71	56.05	54.19	24.5	24.6	27	29.6	26.6	23.7	26	30.2	23.6	98	98	91	78	95	98	93	45.1
3	54.84	54.99	56.09	55.04	55.28	56.94	55.53	24.2	24.5	28.4	27	25.4	24.6	25.7	30.5	23.4	98	97	85	91	93	95	93.2	26.1
4	55.80	55.49	56.46	55.09	54.96	56	55.63	24.2	24.6	24.3	25	24.9	23.9	24.5	25.6	23.6	97	96	97	92	96	97	95.8	85.1
5	55.46	56.52	58.26	57.30	57.50	59.10	57.36	24.1	24	24.4	25.5	24.9	24.9	24.6	26.5	23.1	97	97	97	96	97	97	96.8	67.1
6	58.67	58.94	59.62	58.66	59.16	60.84	59.32	24	24.1	29.1	29.6	28.9	25.5	26.9	31.8	23.9	97	96	81	78	78	92	87	1
7	59.32	59.20	59.83	58.45	58.20	59.70	59.12	23.5	23.1	31	33.4	29.1	26.6	27.8	33.6	22.7	93	96	65	60	81	90	80.8	------
8	58.63	58.73	59.35	58.70	58.23	58.68	58.72	24.9	25.1	31.9	31.9	29.9	26.4	28.4	33.1	24.2	93	96	70	70	77	91	82.8	------
9	58.37	58.56	59.15	58.15	58.35	59.13	58.62	25.9	25.4	31.9	32	30	27.6	28.8	32.5	24.7	93	93	70	75	78	89	83	2.8
10	58.35	58.22	59.56	58.91	58.97	59.90	58.98	25.7	26.1	31	32.1	30.4	28	28.9	33.1	25.6	92	96	72	69	73	85	81.2	------
11	59.01	59	59.45	58.76	58.56	59.05	58.97	26	26.4	31.9	32.9	30.6	29	29.5	33.5	25	92	94	67	70	77	79	79.8	------
12	58.08	58.32	59.26	57.96	57.61	58.46	58.28	26.9	25.0	32	32.6	30.9	28.5	29.4	33.6	25.4	91	95	75	71	73	81	81	1.5
13	57.65	57.87	58.52	57.50	58.12	59.40	58.18	26.6	26	31.5	31.9	26.2	25.6	28	32.9	24.6	88	93	72	67	82	87	81.5	------
14	58.05	58.21	59.26	58.44	58.32	58.68	58.49	24.4	26	31.8	29	26.2	24.6	27	33	24.3	95	94	67	82	90	93	86.8	1.5
15	58.06	58.58	59.08	58.01	57.87	58.65	58.38	24.9	24.6	31.1	32.6	31	28.9	28.8	33.5	23.9	93	95	68	68	69	78	78.5	------
16	58.02	58.09	58.82	57.01	56.62	58.15	57.78	28.5	26.1	32	32.6	30.6	29	29.8	33.5	25.3	82	90	70	69	75	78	77.3	.3
17	57.41	57.45	57.83	56.83	57.21	58.26	57.50	27.4	26.5	32	33.4	31.1	29	29.9	34.1	24.8	84	89	69	66	73	87	78	20.8
18	57.48	57.18	57.01	56	55.87	56.72	56.71	24.6	25.4	32.3	33.6	30.5	25.5	28.6	34.4	24.4	93	93	74	66	76	88	81.7	------
19	55.15	54.60	54.13	51.43	49.95	50.01	52.54	24.6	26.3	29.2	29.1	28	28.6	27.6	30.7	24.2	95	94	76	81	82	88	86	139.9
20	51.74	54.07	55.75	55.42	55.29	56.80	54.84	22.6	22	23	26	24.6	25	23.9	26.4	21.1	95	96	96	92	95	92	94.3	16.3
21	56.30	57.36	58.31	57.84	57.87	59.08	57.79	25	24	26.6	28.6	27.5	25.5	26.2	29.1	23.8	92	92	87	80	87	91	88.2	------
22	57.85	58.04	58.53	57.40	57.35	59.88	58.18	25	25	30	30.7	29	23.1	27.1	31.1	22.5	92	92	75	74	81	95	84.8	26.4
23	58.10	58.35	58.38	57.71	57.56	58.88	58.16	23.6	24.1	29.2	32.6	29	26.6	27.5	33.1	23	97	97	81	64	81	92	85.3	------
24	58.39	58.18	58	57.30	56.40	57.89	57.69	25.4	24.9	30.5	28.4	31	27	27.9	32	24.4	92	93	72	85	75	89	84.3	.5
25	57.42	57.28	57.75	56.97	56.70	58.25	57.40	25.6	25.6	29.6	31	28.6	26.6	27.8	32	24.7	93	95	74	75	80	90	84.5	------
26	57.80	58.09	58.05	56.74	56.62	57.80	57.52	26.2	26.1	31	32.5	30.3	26.1	28.7	32.8	25.1	92	91	75	70	73	90	81.8	------
27	56.86	56.89	56.73	55.81	55.23	56.24	56.29	25.1	25.2	30.5	31.9	29	25.6	27.9	32.5	24.6	95	95	76	70	78	92	84.3	3
28	55.11	55.08	55	53.84	54.18	55.09	54.72	25.2	25	30.4	32.4	30.2	26.1	28.2	33	24.6	93	95	76	71	74	90	83.2	------
29	54.44	54.31	55.20	54.23	54.40	55.08	54.61	24.6	23.8	31.1	31.8	29.9	26.5	28	32.6	23.5	92	93	72	70	71	86	80.7	------
30	54.55	54.94	54.91	54.06	54.04	55.07	54.60	24.8	25.4	29.5	30.5	28.5	26.1	27.5	31.6	24.2	92	94	82	82	88	92	88.3	13.6
Mean	56.75	56.95	57.54	56.53	56.42	57.60	56.96	25.1	25	29.7	30.6	28.6	26.3	27.6	31.7	24.1	92.8	94.4	77.5	75.9	81.4	89.6	85.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	487.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	W	4	SSW	1	SW	3	S	2	SSW	4	S	3	10	------------	Cu.-N.	10	------------	N.
2	S	4	S	4	SSW	4	SW	4	SSW	2	S	2	10	------------	N.-cf.	10	------------	N.-cf.
3	SSW	1	S	1	S	3	SW	3	SW	2	S	5	10	A.-Cu.	S.-Cu.	10	------------	N.-cf.
4	SSE	5	SSE	5	SE	5	SSE	5	S	4	S	5	10	------------	N.-cf.	10	------------	N.
5	S	5	S	5	SSE	4	S	2	SSW	1	S	4	10	------------	N.	10	------------	N.
6	S	3	S	3	SSE	4	SSW	5	SW	4	S	2	10	Ci.-S.	Cu.	10	A.-Cu.	Fr.-Cu. SSW
7	S	1	S	1	WSW	4	SW	4	WNW	4	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
8	S	1	S	1	SW	4	WNW	4	NNW	4	S	1	3	Ci.	Cu.	9	Ci.	Cu.-N.
9	S	1	S	1	S	4	WNW	4	NW	4	SSE	1	9	Ci.	Cu.	4	Ci.	Cu. WNW
10	SSE	2	SE	2	ESE	4	NW	4	NNW	3	SSE	2	3	Ci.	S.-Cu.	3	Ci.	Cu.-N.
11	SSE	2	S	2	ESE	3	N	4	N	4	N	4	5	Ci.	Cu.	7	Ci.	Cu.
12	SSE	1	S	1	SE	4	NW	4	NW	4	ESE	2	10	Ci.	Cu.	3	Ci.-S.	Cu.
13	SSE	2	S	1	ESE	4	WNW	4	WNW	3	SSE	1	10	Ci.	Cu.	10	Ci.	Cu.-N.
14	SSE	2	SSE	3	S	4	WSW	4	E	4	S	1	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.-N.
15	WSW	1	S	1	W	3	NW	4	NW	4	NNW	3	1	A.-Cu.	S.-Cu.	1	------------	Cu.
16	N	2	SSE	1	NNE	4	NNW	4	N	4	N	3	6	Ci.	Cu. NE	10	Ci.	Cu.
17	S	2	S	3	SSE	4	WNW	4	WNW	3	Calm	----	10	Ci.	Cu.	1	Ci.	Cu.
18	SSE	2	SSE	1	E	2	WNW	4	WNW	4	SSE	1	10	Ci.	S.-Cu.	10	Ci.-S.	Cu.
19	SSE	1	Calm	----	NNW	4	NNW	4	N	4	WNW	4	10	------------	N.-cf.	10	------------	N.
20	SSW	9	S	5	SSE	4	S	3	SSW	4	SSW	5	10	------------	N.	10	------------	N.
21	SSW	5	SSW	5	SSW	5	SSW	5	SSE	2	S	3	10	------------	N.-cf.	10	Ci.-S.	Cu.
22	S	4	SSE	3	SSE	5	NNW	3	WNW	4	SSE	1	10	------------	S.-Cu.	10	A.-Cu.	Cu.
23	SSE	1	SSE	1	SSE	4	SSW	5	WNW	4	S	1	10	------------	S.-Cu.	10	Ci.-S.	S.-Cu.
24	SSE	1	ESE	2	ESE	4	WNW	4	NW	3	S	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N.-cf.
25	S	2	SE	2	SE	4	WNW	4	WNW	3	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
26	SSE	2	NNE	3	NNW	3	NW	4	WNW	3	S	1	10	Ci.-S.	Cu.	9	Ci.	Cu.
27	S	1	S	1	E	3	WNW	4	WNW	3	S	2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
28	SSW	2	S	1	N	3	WNW	3	NW	3	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
29	S	1	S	1	NNW	3	NNW	4	NNE	4	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
30	S	1	SSE	3	S	4	SW	5	SSE	2	SSW	5	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu. SW
Mean	-------	2.4	-------	2.1	-------	3.8	-------	3.9	-------	3.4	-------	2.3	8.9	------------	------------	8.6	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.09	54.66	55.27	54.85	55.77	57.47	55.35	26.1	26	29.2	29.9	25.1	24.4	26.8	31.1	24.2	92	93	88	82	96	96	91.2	17.8
2	55.99	56.02	57.19	56.10	56.01	58.39	56.62	24.6	24	29.1	29.9	29	27	27.3	31.3	23.7	96	96	82	81	82	92	88.2	1.5
3	56.36	56.54	56.97	55.93	55.54	56.41	56.29	25.5	25.3	29.5	30.1	27.1	25.2	27.1	30.9	25.1	94	97	78	78	84	93	87.3	2.5
4	55.54	55.55	55.97	55.25	54.98	56.13	55.57	24.9	25.2	30.4	29.6	27.8	25	27.2	31.5	24.6	93	92	73	75	83	93	84.8	4.1
5	54.74	54.22	54.53	53.77	53.43	54.95	54.27	24.7	24.9	28.7	29.1	25.7	24.2	26.2	30.5	24	93	93	80	78	93	95	88.7	19.4
6	53.62	53.26	53.35	51.98	51.55	52.70	52.74	24.3	24.3	26.3	27.5	26	25.2	25.6	27.7	23.9	96	97	94	92	97	98	95.7	53.5
7	51.31	51.05	51.44	51.08	51.17	52.76	51.47	25	25.4	26.4	26.7	24.6	25	25.5	27.5	24	97	97	94	95	97	97	96.2	46.8
8	52.22	52.32	54.01	54.53	54.10	55.76	53.82	24.4	24.5	25.1	25.1	26.5	25.1	25.1	26.6	23.5	97	97	97	98	95	97	96.8	89
9	55.55	55.50	55.73	55.61	55.68	57.17	55.87	24.7	24.8	29.1	29	27.7	26.4	27	29.6	24.4	97	98	85	88	88	94	91.7	8.9
10	56.29	56.39	56.92	56.01	55.96	57.19	56.46	25.8	25.4	29.9	31.1	28.7	26.5	27.9	32.2	25.1	96	97	80	75	88	92	88	2.4
11	55.94	55.85	56.26	55.85	55.82	56.23	55.99	26.6	27.6	29.1	29.6	28	27.7	28.1	30.6	26.1	91	89	88	84	91	89	88.7	3.4
12	55.28	55.22	55.78	55.30	55.40	56.44	55.57	27	27.1	29.5	28.9	26.6	27.1	27.7	30.7	26.1	91	90	86	88	94	92	90.2	19.1
13	55.17	55.38	56.49	55.96	56.13	56.71	55.97	26.9	26.4	27.1	28.1	25.1	26	26.6	29	23	92	92	96	92	92	95	93.2	39.2
14	56.56	56.66	57.46	57.08	57.01	58.39	57.19	26	26	28.1	26.9	27.1	25.4	26.6	31.1	24.9	96	97	89	87	90	93	92	6.1
15	57.79	57.60	58.14	56.82	57.15	58.80	57.72	25.1	25.1	28.5	29.1	29.1	24.8	27	31.5	23.9	96	97	89	85	85	95	91.2	5.6
16	57.46	57.01	57.33	55.92	55.77	57.09	56.76	24.2	24.1	29.5	27.1	28.5	24.4	26.3	31.9	23.8	97	98	75	90	85	97	90.3	119.1
17	55.11	55.01	55.93	54.96	54.99	56.39	55.40	23.9	24.4	29.5	28.7	28.1	25.1	26.6	30.9	23.9	97	97	78	80	82	90	87.3	------
18	55.99	55.54	56.01	54.91	54.82	56.56	55.64	25.3	25	29.9	32.3	28.1	26	27.8	32.6	24.5	93	95	76	74	80	89	84.5	.8
19	56.39	56.39	56.71	55.42	55.46	57.75	56.35	25.7	25	30.4	31.4	28.4	25.5	27.7	33.1	24.6	92	95	73	72	83	95	85	9.9
20	56.63	56.53	57.30	56.02	56.42	57.55	56.74	25.2	25	30.5	31.6	25.5	24.5	27	32	24.1	95	96	76	72	88	92	86.5	4
21	56.90	56.75	57.87	56.45	56.40	57.65	57	24.5	24.8	30.1	30.2	30.5	25.6	27.6	31	23.9	93	95	80	78	74	94	85.7	4.4
22	56.64	56.20	55.82	55	55.06	56.17	55.82	24.5	24.3	29.6	30	28.6	25.4	27.1	31.2	24.1	96	97	81	77	80	93	87.3	------
23	55.54	54.36	54.73	53.77	53.52	54.54	54.41	24.1	25.1	30.2	30.2	28.3	26	27.3	31.8	24.1	97	96	77	77	86	92	87.5	------
24	53.95	53.57	54.17	53.92	53.69	55.03	54.06	25.3	25.2	30.5	30.8	27.5	25.5	27.5	31.9	24.9	96	98	76	74	86	93	87.2	6.2
25	54.20	53.77	54.29	53.35	53.01	54.08	53.78	25.2	24.7	26.6	25.2	24	23.7	24.9	29.5	23.5	95	97	83	95	97	97	94	101.1
26	53.89	53.32	54.73	54.42	54.86	56.77	54.66	24.6	24.5	25.2	26.1	24.5	23.5	24.7	27.7	22.6	97	97	95	94	97	97	96.2	131.5
27	55.67	55.87	56.93	56.73	57.25	57.48	56.66	22.7	23.2	23	23.1	23.6	22.9	23.1	23.9	22.2	97	98	99	98	97	97	97.7	102.1
28	57.13	57.63	59.04	58.06	57.82	59.32	58.17	23	23.2	29	30.5	29.1	26	26.8	31.1	22.9	97	97	82	72	79	92	86.5	------
29	58.19	58.66	59.27	57.98	58.37	60.06	58.76	24.8	24.5	29.7	31.7	28.2	25.5	27.4	32.5	24.3	93	96	77	71	83	92	85.3	------
30	58.60	58.60	59.08	57.98	58.07	58.90	58.54	24.9	24.5	29.2	31	28.1	26	27.3	32	24.4	93	97	81	69	83	89	85.3	------
31	57.89	58.06	58.86	57.82	57.92	59.53	58.35	24.9	24.4	29.7	31.2	28.2	25.9	27.4	32.5	24.1	93	95	74	75	83	92	85.3	1.5
Mean	55.70	55.60	56.24	55.45	55.46	56.79	55.87	25	25	28.7	29.1	27.2	25.4	26.7	30.6	24.1	94.8	95.7	83.3	82.1	87.7	93.6	89.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	799.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSW	5	SSE	5	S	5	SSW	5	W	4	S	5	10	------	N.-cf. S	10	------	N.-cf.
2	S	5	S	1	N	2	N	2	SW	3	SE	1	10	Ci.-S.	S.-Cu.	10	------	Cu.-N.
3	S	2	SSE	2	SSE	4	SW	5	SW	3	S	1	10	Ci.-S.	S.-Cu.	10	------	N.
4	S	2	SSW	4	SSE	4	SW	4	WSW	4	S	4	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu. WSW
5	S	4	S	4	S	5	SW	6	SSW	4	S	5	10	Ci.-S.	S.-Cu.	10	------	N.-cf.
6	S	4	S	5	S	4	SW	4	SW	2	SSW	2	10	------	N.-cf.	10	------	N.-cf.
7	SW	4	SW	4	SW	5	WSW	4	WSW	2	SW	5	10	------	N.-cf.	10	------	N.
8	S	4	S	4	S	5	SW	2	SSW	4	S	3	10	------	N.-cf.	10	------	Cu.-N.
9	S	4	S	4	SSW	4	SW	4	SW	4	SSW	4	10	------	N.	10	------	N.-cf.
10	S	2	S	2	WSW	4	WSW	5	SW	5	SW	3	4	A.-Cu.	Cu.	10	A.-Cu.	Cu. WSW
11	SW	4	WSW	4	WSW	5	WSW	5	WSW	5	WSW	5	10	------	N.-cf.	10	------	N.-cf.
12	WSW	4	WSW	4	WSW	5	SW	5	SW	4	SW	5	10	Ci.-S.	Cu. WSW	10	------	Cu.-N.
13	SW	4	SW	5	SSW	4	SW	5	SW	3	SSW	4	10	Ci.-S.	Cu.-N.	10	------	N.-cf.
14	S	4	S	4	S	4	SW	4	SW	4	SSW	4	10	------	N.	10	------	N.-cf.
15	S	4	S	2	S	4	NNW	2	WNW	1	S	4	10	------	N.-cf.	10	Ci.-S.	Cu.-N.
16	S	2	S	1	SSE	4	WSW	2	SSW	4	S	2	10	------	S.-Cu.	10	------	N.
17	S	2	S	2	SSE	4	W	4	WSW	4	S	4	10	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
18	S	2	S	2	SSE	4	NW	4	SW	4	SSW	4	6	Ci.	S.-Cu.	10	Ci.	Cu.
19	S	2	S	2	SSE	4	W	4	W	2	SSE	1	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
20	SSE	1	SSE	1	SSE	4	NW	4	ESE	3	SSE	3	10	Ci.-S.	S.-Cu.	5	Ci.	Cu.-N.
21	S	2	S	2	ESE	4	W	4	NW	4	S	2	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.
22	SSW	2	SSW	2	SSE	4	W	4	W	3	S	1	4	Ci.-S.	S.-Cu.	7	Ci.	Cu.
23	SW	1	SSW	1	W	4	W	4	W	1	S	1	3	A.-Cu.	Cu.	10	A.-Cu.	Cu.
24	SSE	2	SSE	2	S	4	WSW	5	SW	5	SSW	5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
25	SSW	5	S	2	SSW	5	SSW	4	SSW	5	SSW	4	10	A.-Cu.	N.-cf.	10	------	N.
26	SSW	5	SSW	4	SW	4	SSW	4	S	4	SSW	4	10	------	N.-cf.	10	------	N.-cf. SW
27	SSW	4	SSE	4	SSE	4	SSE	4	SSE	4	S	5	10	------	Cu.-N.	10	------	N.
28	S	4	S	2	S	4	WSW	4	WSW	4	S	1	10	------	N.-cf.	10	Ci.-S.	Cu.
29	SSE	2	SSE	2	SSE	4	E	4	W	3	S	1	10	------	S.-Cu.	10	Ci.-S.	Cu.
30	SSE	2	SSE	2	S	4	SW	3	W	2	S	2	10	------	S.-Cu.	10	Ci.-S.	Cu.
31	S	2	S	2	S	4	W	4	W	2	SSE	2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
Mean	------	3.1	------	2.8	------	4.2	------	4	------	3.4	------	3.1	9.3	------	------	9.6	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.50	58.85	59.37	58.25	58.60	60.17	58.96	24.6	24	30.5	30.6	28.5	27	27.5	31.6	23.8	93	94	74	76	78	89	84	3
2	59.19	59.18	59.43	58.15	57.91	59.27	58.86	26.5	24.6	31	31.6	29.5	28.1	28.6	32.1	24.4	92	97	79	74	78	83	83.8	5.6
3	58.23	58.10	58.61	57.10	56.97	57.92	57.82	26.5	25.8	30.1	31.6	29	27.9	28.5	32	24.8	92	93	81	75	78	83	83.7	2.8
4	57.33	57.25	58.38	57.30	57.15	58.49	57.65	26.7	25.4	29.6	32.1	29.5	27	28.4	32.9	25.2	88	92	78	71	75	83	81.2	------
5	57.39	56.99	58.13	57.41	57.42	58.54	57.65	25.1	24.5	31.1	32.6	28.6	26.2	28	33	24.2	91	94	71	70	80	90	82.7	------
6	57.64	57.64	58.50	57.37	57.12	58.24	57.75	24.6	24	30.7	32.4	29	26	27.8	33.1	23.5	93	95	72	70	81	92	83.8	1.3
7	57.74	57.69	58.03	56.97	56.77	57.83	57.50	25	24.4	31.9	32.3	30.1	27.1	28.5	33	24.2	95	97	76	74	80	89	85.2	8.6
8	56.99	56.99	57.66	56.21	56.85	57.98	57.11	25.7	25.1	31.1	31.9	25.5	25	27.4	32.9	24.7	92	97	72	72	92	92	86.2	11.2
9	56.79	57.10	57.27	56.02	55.98	58.24	56.90	24.6	24	30.1	32.1	27.5	23.9	27	32.8	23.4	95	97	77	72	91	93	87.5	69.6
10	56.99	56.32	56.47	55.01	54.90	55.85	55.92	23.3	23.1	29.3	31.7	28.9	26	27	32.1	22.5	96	98	79	71	85	92	86.8	1
11	54.86	54.27	54.38	53.20	52.88	54.18	53.96	25.1	24.6	30	31.5	29	25.7	27.6	32.1	24.5	93	95	80	76	78	93	85.8	61.2
12	53.31	53.36	53.46	52.52	52.85	53.24	53.12	25	23.5	28.1	29.6	26.6	25.5	26.4	31	23.3	95	97	88	81	88	95	90.7	18.1
13	52.68	52.36	53.28	52.45	53.23	54.08	53.01	24.6	25.1	26.8	29.5	25.5	24.7	26	29.9	24.2	96	97	81	86	88	87	89.2	5.1
14	53.50	53.91	55.04	54.43	54.75	55.56	54.53	25.3	25	27.6	28.1	25.9	24.5	26.1	29.8	24.2	92	97	92	91	88	97	92.8	25.6
15	55.45	55.50	57.10	56.53	56.41	57.80	56.46	24.5	24.4	24.4	26.9	26	24.5	25.1	27.1	23.9	97	97	97	92	92	93	94.7	26.3
16	56.96	56.71	57.81	56.65	56.52	58.30	57.16	24.1	24.5	30	31.8	28.2	26.4	27.5	32.3	23.9	97	96	75	76	88	90	87	------
17	57.58	58.34	58.72	56.96	57.53	58.75	57.98	26	25.5	29.5	32.1	29.6	26	28.1	32.9	25.1	92	95	78	72	81	89	84.5	------
18	57.33	57.39	57.96	56.82	57.03	59.13	57.61	25.4	24.6	30.4	28.9	27.6	24.6	26.9	31.8	24.3	92	95	78	86	87	96	89	42.1
19	57.39	56.85	57.11	55.85	56.53	57.64	56.90	24.4	24.6	30.1	31.2	24.9	25	26.7	32.3	23.9	97	97	81	73	93	95	89.3	31.4
20	56.22	55.90	56.22	54.04	53.72	55.24	55.22	24.1	24	25	28.4	25.5	23.6	25.1	28.5	23.3	98	99	97	92	92	95	95.5	200.7
21	54.23	54.23	53.88	53.50	53.86	55.49	54.20	24.4	23.6	27.6	25.2	25.4	25	25.2	28.1	23.3	97	98	87	98	97	97	95.7	65.6
22	54.42	54.52	55.17	54.69	54.42	56.05	54.88	24.5	24.2	27.7	26.6	24.9	24	25.3	29	23.8	97	97	91	95	98	97	95.8	107.9
23	56.01	56.11	56.95	56	55.82	57.65	56.42	24.1	23.6	24.5	27.5	26.7	24.4	25.1	27.9	23.4	98	99	97	89	94	97	95.7	51.9
24	56.81	56.81	57.49	56.73	56.68	58.21	57.12	24.6	24.5	25.6	28.6	26.1	24	25.6	29.6	23.9	97	99	97	89	92	97	95.2	65
25	57.10	56.55	56.61	55.52	54.68	56.12	56.10	25	25	29.5	29.6	27.5	26.3	27.2	30.6	24.5	95	95	79	78	87	97	88.5	8.2
26	54.96	53.99	54.36	52.74	52.24	53.64	53.66	25.7	25.6	25.1	29.1	26.7	24.1	26	29.6	23.5	94	95	96	85	91	97	93	105.8
27	52.27	51.53	51.88	51.48	51.67	53.21	52.01	24.4	24.1	24.9	24.9	25.2	25.4	24.8	25.6	23.1	97	97	96	97	94	95	96	72.3
28	52.78	52.91	54.45	54.24	54.70	56.14	54.20	24.9	25.9	27	28.5	26.1	24.6	26.2	29.5	23.9	96	92	92	85	92	95	92	24.2
29	55.64	55.99	57.24	56.31	56.12	57.38	56.45	25.5	24.9	25.5	27	26.4	25.5	25.8	28.5	24.4	93	93	95	92	92	95	93.3	34.4
30	56.25	56.25	57.13	56.11	55.84	56.77	56.39	24.1	24.8	29	29.5	27.1	26	26.8	30	23.9	97	98	89	82	90	94	91.7	15.1
31	55.36	54.76	55.50	54.35	54.24	55.24	54.91	26.1	26	29.1	29.5	26.6	26.5	27.3	30.7	25.4	93	94	83	81	95	95	90.2	17.1
Mean	56.06	55.95	56.57	55.51	55.53	56.85	56.08	25	24.6	28.5	29.8	27.2	25.5	26.8	30.7	24	94.5	96	84.1	81.3	87.6	92.6	89.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,081.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	S	2	S	2	ESE	4	NW	4	WNW	4	SSE	2	10	Ci.-S.	Cu.	9	A.-Cu.	Cu.
2	NNW	4	S	1	N	3	NNW	4	N	3	N	4	5	Ci.	Fr.-Cu.	2	Ci.	Cu.
3	S	2	Calm	----	NNW	4	NNW	4	NNW	4	N	4	10	A.-Cu.	N.-cf. NNE	10	Ci.-S.	Cu. N
4	S	1	S	1	NNW	3	NW	4	NNW	4	NNE	4	7	Ci.-S.	Cu.	7	Ci.	Cu.-N.
5	S	1	S	2	NNW	4	NW	4	NNW	4	S	3	10	Ci.	Cu.	5	Ci.-S.	Cu.-N.
6	S	1	S	2	N	4	NW	4	NNW	4	N	2	10	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
7	S	1	SSE	1	NNW	3	NNW	4	NNW	4	S	2	10	Ci.-S.	Cu.	10	Ci.	Cu.
8	S	1	S	2	SSW	4	WNW	4	WSW	1	S	3	10	Ci.-S.	S.-Cu.	4	A.-Cu.	Cu.-N.
9	S	2	SSE	2	S	4	NW	4	WSW	1	S	1	10	Ci.	S.-Cu.	4	Ci.-S.	Cu.
10	S	1	S	1	E	3	WNW	3	WSW	2	S	2	10	Ci.	S.-Cu.	2	Ci.	Cu.-N.
11	S	2	S	1	WNW	3	WNW	4	WNW	3	SSW	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NW
12	S	1	S	1	WNW	4	WNW	4	W	3	SSW	3	10	------------	N.	10	Ci.-S.	S.-Cu.
13	SSW	3	SW	1	WNW	4	WNW	5	WSW	5	SW	4	10	------------	N.-cf.	10	------------	N.-cf.
14	SSE	4	SSE	4	SSW	4	S	4	S	5	S	5	10	------------	S.-Cu.	10	------------	N.-cf.
15	S	4	S	4	S	4	SSE	4	SSE	4	SSE	3	10	------------	N.	10	------------	N.-cf.
16	SSE	3	SSE	4	S	4	NNE	4	Calm	----	SSW	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
17	S	2	ESE	1	ESE	3	WNW	4	Calm	----	S	3	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
18	S	2	S	3	SSE	3	ESE	2	WNW	2	SSE	2	4	Ci.	Cu.	10	------------	N.
19	S	2	S	2	S	4	WSW	5	SSW	4	SSW	4	10	------------	N.-cf.	10	Ci.-S.	Cu.-N.
20	SSW	1	S	1	SSW	3	SW	5	SW	4	SSW	4	10	------------	N.	10	A.-Cu.	N.-cf. SW
21	SSE	2	SSE	1	SSW	5	WSW	4	WSW	4	WSW	4	10	------------	N.-cf.	10	------------	N.
22	SW	1	SW	1	S	4	S	4	SSE	3	SSE	4	10	------------	N.-cf.	10	------------	N.
23	SSE	4	SSE	4	SSW	5	SSW	5	SSW	4	S	4	10	------------	N.	10	------------	N.-cf.
24	S	4	S	4	SSW	4	SW	5	SSW	4	SSW	5	10	------------	N.-cf.	10	------------	N.-cf.
25	SSW	4	SSW	4	SSW	5	SSW	6	SW	5	SW	5	10	Ci.-S.	N.-cf. SW	10	Ci.-S.	Cu. SW
26	SSW	5	SSW	5	SW	5	SSW	6	SW	5	SW	5	10	------------	N.-cf.	10	A.-Cu.	Cu. SW
27	SW	5	SW	6	SW	6	SW	5	SW	7	SW	6	10	------------	N.	10	------------	N.
28	SW	6	SW	7	SW	5	SW	5	SW	4	SW	4	10	------------	N.-cf.	10	------------	Cu. WSW
29	SW	4	SW	5	SW	5	SW	4	SW	4	SW	3	10	------------	N.-cf.	10	------------	N.-cf.
30	SSW	4	SSW	1	SW	4	SW	5	SW	3	SW	3	10	------------	N.-cf.	10	Ci.-S.	Cu.
31	WSW	4	WSW	4	SW	5	WSW	5	SW	4	SSW	3	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
Mean	------	2.7	------	2.5	------	4	------	4.3	------	3.5	------	3.4	9.5	------------	------------	8.6	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.05	54.10	54.96	53.42	53.57	55	54.18	25.9	25.9	28	30	28	26.9	27.4	30.5	25.1	94	94	92	85	89	94	91.3	15.5
2	54.04	53.85	54.81	53.58	53.76	55.22	54.21	26.3	26	29.5	29.6	27	26.1	27.4	30.8	24.6	94	95	85	85	93	97	91.5	60.5
3	54.01	53.91	54.54	53.15	53.23	54.98	53.97	25	24.8	27.8	28	27.4	25.2	26.4	28.3	24.1	98	98	94	92	94	97	95.5	124.8
4	54.59	54.54	54.90	53.83	53.70	55.36	54.49	23.6	23.5	27.3	27.6	25.9	25	25.5	28.6	23.1	98	99	89	92	94	97	94.8	30.8
5	54.23	53.83	54.56	53.60	52.90	53.52	53.77	24.4	24.5	25.6	25.1	25.5	24.1	24.9	27.5	23.9	97	97	97	97	97	98	97.2	32.1
6	52.62	51.68	52.93	52.44	52.16	53.21	52.51	24.2	24.8	26.8	25.6	25.5	25.4	25.4	27.4	23.9	98	98	94	95	97	98	96.7	22.6
7	52.80	53.16	54.41	53.64	53.74	54.89	53.77	26	25.1	27.6	28.9	27	25.3	26.6	29.5	24.9	97	99	95	85	92	96	94	2.4
8	54.07	54.07	54.56	53.01	53.82	54.85	54.06	25	24.9	30.1	31.5	27.5	24.5	27.2	31.9	24.1	98	98	81	72	87	96	88.7	------
9	54.63	54.23	54.77	53.83	53.80	55.53	54.46	24.2	24	29.7	32	28.2	25.2	27.2	32.2	23.7	97	97	81	70	83	92	86.7	.5
10	55.20	55.25	56.45	55.27	55.46	56.85	55.75	24.6	24.1	30.2	32	28	25.4	27.4	32.3	24	97	97	74	72	85	90	85.8	3
11	55.49	56.03	56.93	55.66	56.27	57.67	56.34	25.4	25.2	29.5	30.6	25.9	24.6	26.9	30.9	24.4	88	98	82	77	94	95	89	34.1
12	56.44	56.47	57.87	55.98	56.34	57.57	56.78	24.1	24.1	24.5	30.5	27	25	25.9	31	23.5	97	98	97	74	89	93	91.3	8.9
13	56.96	56.52	57.67	55.99	56.24	57.56	56.82	24.4	23.9	29.6	27.9	27.1	24.6	26.2	30.6	23.4	95	97	81	86	87	95	90.2	------
14	56.96	57.02	58.16	57.08	57.57	59.06	57.64	24.6	23.7	30	29.5	28	25.1	26.8	30.7	23.5	95	96	75	74	85	92	86.2	1.3
15	57.90	58.20	59.58	58.19	58.41	58.89	58.53	24.7	23.6	30.1	27.6	25.6	24.5	26	30.7	23.5	93	95	75	86	93	96	89.7	2
16	57.91	57.81	59.25	57.55	57.58	58.62	58.12	24	24.2	27.5	30.5	25.5	24.7	26.1	31.9	23.5	97	98	89	78	95	96	92.2	3.9
17	57.81	57.55	58.08	56.95	57.64	58.45	57.75	24.4	24.1	27.7	26.9	24.9	24.5	25.4	28.9	23.4	97	97	86	90	93	96	93.2	10.7
18	57.84	58.06	58.94	58.06	58.41	60.37	58.61	24.2	24	30	30.9	28	25	27	31.1	23.7	97	97	78	71	82	93	86.3	------
19	59.05	58.92	60.01	58.82	59.21	60.57	59.43	23.9	23.2	29.5	31.1	28.2	24.9	26.8	32.5	22.9	96	98	79	73	77	92	85.8	------
20	59.84	59.71	60.92	59.05	59.59	60.44	59.92	23.9	23.1	31	31.7	25.9	25.2	26.8	32.2	23	96	98	73	72	85	92	86	3.8
21	59.61	59.41	60.21	58.87	58.92	59.46	59.41	24.2	23.6	31	31.6	28.6	27.9	27.8	32.6	23	95	97	79	72	80	83	84.3	.3
22	58.54	58.41	59.16	57.51	57.47	58.86	58.32	24.5	23.6	32	31.9	28.6	25.6	27.7	32.4	23.4	92	96	76	72	80	92	84.7	------
23	58.25	57.63	58.25	56.53	56.23	57.13	57.34	24.5	22.9	30.9	32	28.6	27.9	27.8	32.5	22.6	95	97	76	69	80	83	83.3	------
24	56.40	56.08	56.48	55.42	55.55	56.70	56.10	27.1	25.1	31	31.5	28.6	26.1	28.2	31.8	24.9	90	95	73	75	83	92	84.7	.3
25	56.34	56.39	57.35	55.69	56.62	58.15	56.76	25.1	24.6	31	32.6	28.1	25.6	27.8	33.5	24.4	96	96	72	66	88	94	85.3	11.4
26	57.40	57.40	58.25	55.97	56.38	58.21	57.27	24.9	24	30	31.1	27.9	25.8	27.3	31.7	23.9	96	97	78	75	83	93	87	------
27	57.02	56.99	57.85	56.30	56.53	57.74	57.07	24.7	24.2	28.6	30	27.4	24.7	26.6	30.7	24.1	97	97	83	80	89	95	90.2	80.5
28	56.90	57.06	58.03	56.24	56.22	57.80	57.04	24.4	23.1	26.7	26	27	25.1	25.4	31	23.1	96	98	89	92	92	95	93.7	7.6
29	56.69	56.62	57.85	55.88	56.77	58.33	57.02	24.3	23.9	25.1	26	24	23.5	24.5	27.3	23.3	95	95	94	94	97	96	95.2	62.7
30	57.33	57.61	58.77	57.86	58.47	59.87	58.32	23.2	23.5	23.9	27	24	23.6	24.2	27.5	22.9	97	97	96	89	93	95	94.5	46.9
Mean	56.36	56.28	57.22	55.85	56.09	57.36	56.53	24.7	24.2	28.7	29.6	27	25.2	26.6	30.7	23.7	95.6	97	83.8	80.3	88.5	93.8	89.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	566.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	4	SSW	3	SW	4	SW	5	SW	4	SW	3	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
2	SSW	3	SSW	3	SW	4	SW	4	SW	4	SSE	3	10	Ci.-S.	Cu. SW	10	------------	N.-cf.
3	SSE	3	SSE	3	SSE	4	WSW	4	W	4	S	4	10	------------	N.-cf.	10	------------	N.-cf.
4	SSE	4	SSE	4	SSE	4	SW	3	SW	4	SW	2	10	------------	N.	10	A.-Cu.	Cu.
5	S	3	SSE	4	Calm	----	SSE	3	SSW	4	S	4	10	------------	N.	10	------------	N.
6	SW	3	SW	3	WSW	4	WSW	4	SSW	2	S	3	10	------------	N.-cf.	10	------------	N.
7	Calm	----	S	1	Calm	----	SW	3	SSW	2	S	4	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu.
8	S	4	S	4	SW	3	WNW	4	SSW	4	S	4	10	A.-Cu.	Cu.	9	Ci.-S.	Cu.
9	S	3	SSE	4	SSE	4	SW	4	SW	3	SSW	2	3	Ci.	S.-Cu.	6	Ci.	Cu.
10	SSE	3	SSE	4	SW	4	SW	4	SW	3	Calm	----	10	Ci.	Cu.	10	Ci.	Cu. WSW
11	SSE	4	SSE	4	SW	4	SW	4	WSW	4	S	4	10	Ci.-S.	N.-cf.	10	A.-Cu.	N.-cf.
12	S	4	S	4	SSE	3	NNE	3	SSE	3	S	4	10	------------	Cu.-N.	10	A.-Cu.	Cu.
13	SSE	2	SSE	2	SSE	4	WSW	4	WSW	2	S	3	10	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N.
14	SSE	4	SSE	3	SSE	4	SW	4	SW	1	S	3	8	Ci.	Cu.	10	A.-Cu.	Cu. SW
15	SSE	2	SSE	2	S	4	SW	4	SW	2	SSW	2	10	Ci.-S.	Cu.	10	------------	N.-cf. WSW
16	SSW	2	SSW	1	WSW	2	WNW	4	SSE	1	S	1	10	Ci.-S.	Cu.-N.	10	A.-Cu.	N.-cf.
17	S	2	S	3	W	3	WSW	4	NNE	1	SSW	2	10	Ci.-S.	Cu.-N.	10	------------	Cu.-N.
18	S	2	S	2	ESE	3	NW	4	WSW	2	S	2	10	A.-Cu.	S.-Cu.	10	Ci.-Cu.	Cu.
19	S	2	S	1	NW	4	W	4	W	2	S	2	10	Ci.-S.	Cu.	10	Ci.	Cu. W
20	S	2	S	1	N	4	WSW	4	NE	4	S	1	10	Ci.	S.-Cu.	8	Ci.	Cu. W
21	S	1	S	1	E	4	NW	4	NW	4	WNW	4	10	A.-Cu.	Cu.	7	------------	Cu. NW
22	S	1	S	1	N	4	NW	4	ENE	2	S	2	10	Ci.-S.	Cu.	9	Ci.	Cu.
23	SSE	2	S	1	NNW	4	NW	4	N	5	N	5	10	Ci.	Cu.	3	Ci.-S.	Cu.
24	NNE	4	SSE	2	SW	4	WSW	4	SW	1	SSW	4	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
25	SSE	2	SSE	2	S	4	ESE	3	SSW	1	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26	S	1	S	1	ESE	4	W	4	SW	3	S	3	10	Ci.-S.	Cu.	4	Ci.-S.	Cu.
27	S	1	S	1	SSW	3	WSW	4	SW	1	SSW	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
28	S	3	S	1	S	4	SSW	2	SSW	1	S	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
29	S	4	S	4	S	3	SSE	4	S	4	S	5	10	A.-Cu.	N.-cf.	10	------------	N.
30	S	5	SSE	3	S	4	SSW	4	S	4	S	4	10	------------	N.-cf.	10	------------	N.-cf.
Mean	-------	2.7	-------	2.4	-------	3.5	-------	3.8	-------	2.7	-------	2.9	9.7	------------	------------	9	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.98	58.88	60.27	58.68	58.88	60.43	59.35	22.6	23.1	28.6	30.8	27.6	27	26.6	32	22.5	97	98	82	71	84	80	85.3	------
2	58.91	58.73	60.36	58.63	58.67	60.31	59.27	26.1	23	30.6	31.5	28	25	27.4	31.9	22.9	88	95	78	72	84	92	84.8	------
3	59.46	59.31	60.51	58.88	59.32	60.79	59.71	24.5	23.5	30.6	31.1	28.5	26.1	27.4	32.3	23.3	93	97	76	75	80	91	85.3	------
4	60.03	59.50	60.36	58.63	59.28	60.72	59.75	24.8	24.6	30.5	31.9	28.6	24.8	27.5	32.1	24.5	93	95	76	76	82	93	85.8	3.8
5	59.66	60.09	60.82	59.44	59.42	60.61	60.01	24.1	24.5	30.6	31.4	28.8	25.9	27.6	32.2	23.5	97	97	70	73	80	92	84.8	16.3
6	60.28	60.44	61.37	59.67	59.80	60.77	60.39	24.6	24	30.5	31.6	28.5	25.9	27.5	32.6	23	95	92	72	70	78	92	83.2	------
7	59.87	59.89	60.87	59.36	59.48	61.15	60.10	24.2	24	30.9	32.6	28.6	27.9	28	33.1	23.5	94	92	67	66	78	83	80	11.4
8	60.62	60.87	61.62	60.25	60.30	61.50	60.86	25.5	24.5	30.7	32	28.9	27.9	28.2	33.5	24.1	93	95	70	69	79	83	81.5	------
9	60.72	60.59	61.49	59.34	59.56	61.30	60.50	24.9	23.6	31	32.5	28.9	27.3	28	33.6	23.4	92	95	72	69	78	87	82.2	3.6
10	60.10	60.18	61.29	59.42	59.77	60.89	60.28	24.5	24.2	30.4	32.1	28.5	25	27.4	32.5	24.1	92	91	66	72	80	91	82	------
11	59.44	59.65	60.61	58.67	58.92	59.86	59.52	24	24	30.7	32.1	28.6	27.9	27.9	32.6	22.7	93	96	76	70	78	82	82.5	.3
12	58.99	59.59	60.35	58.25	58.50	59.68	59.23	24.4	25.1	31.5	32.1	28.5	25.5	27.8	32.5	23.9	91	95	70	70	79	92	82.8	.5
13	59.58	59.89	60.92	59.42	59.66	60.98	60.08	24.7	24.1	30	31.9	28.1	25.9	27.4	32.1	23.8	94	95	66	69	83	90	82.8	------
14	60.51	60.94	62.02	60.14	60.03	61.06	60.78	24.6	24	30.4	32.1	27.5	25.5	27.4	32.7	23.9	91	90	69	66	86	93	82.5	2.3
15	60.43	60.49	61.67	59.49	59.48	61.11	60.44	24.2	23.5	30	32.1	28.3	25.8	27.3	32.6	23.1	90	90	65	66	76	92	79.8	------
16	60.07	60.08	61.71	59.70	59.83	61.27	60.44	25	24	30.5	31.9	28.6	26.6	27.8	32.5	24	90	88	65	61	73	86	77.2	------
17	60.87	61.14	62.60	60.75	60.71	61.83	61.32	24.7	22.9	31.1	32	28.4	25.5	27.4	32.8	22.1	88	89	64	64	76	90	78.5	------
18	60.90	61.08	62.01	60.10	60.25	61.84	61.03	24.5	23.5	30.9	31.9	28.6	26	27.6	32.5	23.2	87	85	62	58	73	90	75.8	.8
19	60.62	60.63	61.62	60.11	60.20	61.37	60.76	23.9	24.1	30.1	30.9	28.5	26.5	27.3	31.5	23.5	93	91	71	69	79	92	82.5	------
20	60.39	60.25	61.56	59.54	60.28	61.71	60.62	24.8	24.8	31.2	32.1	28.1	25.6	27.8	33	24.1	95	95	71	69	86	88	84	------
21	61.03	61.38	62.75	60.85	60.90	62.26	61.53	25.4	24.1	31.4	32.5	28.6	26.4	28.1	33	24	88	98	68	66	73	86	79.8	.8
22	61.48	61.49	62.36	60.80	61.07	61.61	61.47	24.1	23.4	31	32.1	27.1	25.9	27.3	33.2	21.9	87	87	68	63	81	84	78.3	------
23	60.82	60.99	62.16	60.58	61.22	62.72	61.42	24.5	23.6	30.5	32.6	29	25.8	27.7	33.5	23.4	80	80	59	49	65	85	69.7	------
24	61.84	62.04	62.70	60.45	61.01	62.61	61.78	23.9	22.9	31	33	27.6	24.1	27.1	33.6	22.8	90	90	59	50	83	86	76.3	------
25	61.93	61.77	62.86	61.05	61.30	62.41	61.89	23.7	23	30.6	32.3	28.1	25	27.1	33.5	22.8	86	86	62	62	73	85	75.7	------
26	61.53	61.55	62.10	60.12	60.11	61.57	61.16	24	22.9	31	32.1	28.4	26.6	27.5	33	22.9	87	88	59	54	69	80	72.8	------
27	60.57	60.65	61.66	59.16	60.02	61.61	60.61	24.1	23.9	31.4	32	26	25.1	27.1	33.5	23.6	86	81	63	66	85	92	78.8	2
28	60.82	61.22	62.76	60.47	60.85	62.12	61.37	24.5	25	30.5	32	26.9	27	27.6	32.9	24.1	88	88	68	61	86	86	79.5	------
29	60.67	61.23	62.41	60.02	60.45	61.96	61.12	24.6	23.9	30.5	32.1	27.5	27.1	27.6	32.9	23.6	83	80	57	55	74	81	71.7	------
30	61	61	61.60	59.86	60.51	62.16	61.02	23.9	22.6	30.6	32.5	27.4	25	27	33.1	22.5	87	84	51	47	74	80	70.5	------
31	61.09	61.37	62.72	60.75	61.33	62.56	61.64	23.1	23	30.9	31.9	28.6	25.1	27.1	32.7	22.8	82	83	59	58	73	87	73.7	------
Mean	60.43	60.55	61.62	59.76	60.04	61.38	60.63	24.4	23.8	30.7	32	28.2	26	27.5	32.8	23.3	90	90.5	67.1	64.7	78.3	87.5	79.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	41.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	2	SSE	2	E	3	NW	4	NNW	3	NNE	4	10	------------	N.-cf.	10	A.-Cu.	Cu.
2	NNE	4	SSW	1	NNE	4	NNW	4	NNE	4	S	1	10	Ci.	Cu. NW	10	Ci.	Cu.
3	S	1	S	1	SSE	3	N	4	NE	3	S	2	10	Ci.	S.-Cu.	3	Ci.-S.	Cu.-N.
4	SSE	2	SSE	2	E	4	NW	3	N	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
5	SSW	1	SW	1	S	4	W	4	NNW	3	SSW	1	10	------------	N.-cf.	10	Ci.-S.	Cu.
6	SSE	3	SSE	3	SSE	4	N	4	NNW	3	ENE	2	10	Ci.-S.	S.-Cu.	1	A.-Cu.	Cu.
7	SSE	1	SSE	3	SSE	4	N	4	NNW	3	NE	2	1	------------	Cu.	2	Ci.-S.	Cu.
8	SSE	1	SSE	1	SE	4	N	4	NNE	4	NNE	4	1	Ci.-S.	Cu.	1	------------	Cu.
9	SSE	1	SSE	2	E	4	NNW	4	NNW	4	S	2	1	------------	Cu.	1	------------	Cu.
10	SSE	4	SSE	4	SSE	4	NW	4	NNW	3	S	3	7	Ci.	Cu.	4	Ci.	Cu.
11	SSE	2	SSE	2	N	2	NNW	4	NNW	4	N	4	8	Ci.	S.-Cu.	6	Ci.	Cu.
12	SSE	2	ESE	3	SE	4	W	4	NNW	2	S	2	10	Ci.-S.	N.-cf.	2	Ci.	Cu.
13	S	4	S	4	SE	4	WNW	4	SW	1	S	2	10	A.-Cu.	Cu.	2	A.-Cu.	Cu.
14	SSE	4	SSE	4	SSE	4	WNW	4	SW	1	S	2	3	A.-Cu.	S.-Cu.	2	Ci.	Cu.
15	SSE	4	SSE	4	SSE	4	WSW	4	N	2	S	4	9	Ci.	S.-Cu.	2	Ci.	Cu.
16	S	4	SSE	4	SE	4	NNE	4	N	4	ENE	3	6	A.-Cu.	Cu.	2	------------	Cu.
17	S	4	S	4	ESE	4	NNE	4	NNW	3	S	1	9	Ci.	S.-Cu.	1	------------	Cu.
18	S	3	SSE	4	SE	4	E	4	NNE	4	S	1	1	------------	Cu.	1	------------	Cu.
19	S	1	SSE	3	SE	3	N	3	NNE	2	SE	1	10	------------	S.-Cu.	10	------------	S.-Cu.
20	S	2	S	3	SSE	4	E	4	SSE	2	SSE	4	3	A.-Cu.	S.-Cu.	2	------------	Cu.
21	SSE	4	SSE	3	ESE	4	NNE	3	NNE	4	S	4	1	------------	S.-Cu.	2	Ci.-S.	Cu.
22	SSE	3	SSE	4	E	4	NNE	4	SSE	1	SSE	3	1	Ci.	S.-Cu.	3	Ci.-S.	Cu.
23	SSE	4	SSE	4	SE	4	SE	4	NNE	4	SE	1	1	------------	Cu.	1	------------	Cu.
24	S	3	S	4	SE	4	SSE	5	NNE	2	S	3	1	A.-Cu.	Fr.-Cu.	6	A.-Cu.	S.-Cu.
25	SSE	4	SSE	4	SSE	3	NNE	4	ESE	2	S	3	1	------------	Cu.	1	------------	Cu.
26	S	2	S	2	SSE	4	ESE	4	NNE	3	SSE	3	7	Ci.	S.-Cu.	10	Ci.-S.	S.-Cu.
27	SSE	2	SSE	4	SSE	4	N	4	S	4	SSE	2	10	Ci.-S.	Cu.	2	A.-Cu.	Cu.
28	SSE	4	SSE	4	SSE	4	E	4	ESE	1	NE	3	10	------------	S.-Cu.	1	------------	Cu.
29	SSE	4	SSE	4	SE	4	E	4	E	2	ESE	2	4	------------	S.-Cu.	1	------------	Cu.
30	SSE	3	SSE	4	SSE	5	E	4	ESE	2	SSE	3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
31	SSE	4	SSE	4	SE	4	NNE	4	N	4	S	4	10	Ci.	S.-Cu.	10	Ci.	Cu.
Mean	-------	2.8	-------	3.1	-------	3.8	-------	3.9	-------	2.8	-------	2.5	6.3	------------	------------	4.2	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.48	61.65	63.11	61.07	61.60	62.73	61.94	23	23.4	31.2	32.1	28.4	25.5	27.3	32.9	21.4	86	85	60	54	75	87	74.5	------
2	61.73	61.23	61.84	60.45	61.33	62.38	61.49	24.3	24.4	31.1	33.1	28.1	27.1	28	34.4	23.1	86	85	54	58	77	84	74	------
3	61.13	60.49	60.76	59.25	59.25	60.68	60.26	24.4	23.6	30.9	32.1	28.5	26	27.6	32.9	23.4	88	86	58	57	70	84	73.8	------
4	59.81	60.54	61.46	59.32	59.92	61.51	60.43	24.5	23.9	30.9	32.9	28.5	27.5	28	33.1	23.7	87	85	57	53	70	74	71	------
5	60.23	60.42	61.47	60.06	60.21	60.72	60.52	26.1	23.9	29.9	31	27.9	27.1	27.6	32.5	23.7	83	88	71	64	73	77	76	------
6	59.60	59.54	60.54	58.69	59.23	60.61	59.70	24.1	23	30.7	33.5	28.5	25	27.5	33.9	22.6	91	93	63	54	70	87	76.3	------
7	59.65	59.66	60.35	58.82	59.09	60.44	59.67	23.5	23.1	31.3	33	28.5	25.6	27.5	34	23.1	88	91	58	51	73	87	74.7	------
8	59.19	59.01	59.74	57.82	58.96	60.16	59.15	23.5	24	32	33.7	28.7	27.8	28.3	34.5	23.1	88	85	53	47	67	79	69.8	------
9	59.71	59.56	60.25	59.31	60.13	60.76	59.95	25.5	22.9	31.7	32.5	28.9	27.9	28.2	33.4	22.8	84	91	62	62	76	78	75.5	------
10	59.43	59.54	60.22	58.18	58.96	60.33	59.44	24.5	25.1	31.4	33	28.6	24.9	27.9	33.5	24.1	92	92	60	55	69	85	75.5	------
11	59.59	59.60	60.24	57.98	58.32	59.59	59.22	24.8	24.1	81.6	33.1	28.6	24.8	27.8	34.2	24	87	86	59	55	73	83	73.8	------
12	59	59.21	59.99	58.16	58.71	60.17	59.21	24	23.9	32	32.5	28.5	27.1	28	33.5	23.5	83	81	54	55	70	84	71.2	12.7
13	59.38	59.15	59.72	57.91	59.16	60.41	59.29	25	24.1	30.5	32.6	28	24.2	27.4	33.6	23.2	93	91	59	52	82	88	77.5	------
14	59.65	59.94	60.77	58.67	58.92	60.25	59.70	23.6	23.6	29.6	31.5	28.1	27.7	27.4	32.3	22.9	85	85	69	56	77	74	74.3	------
15	59.05	59.34	60.51	58.43	58.86	60.58	59.46	25.5	24.1	28.6	32.4	28.5	25.6	27.4	32.8	24.1	88	92	76	63	78	84	80.2	------
16	59.11	59.31	60.30	57.64	57.96	59.59	58.98	24.6	24	31	32.5	28.2	24.9	27.5	33.1	23.5	83	80	53	49	70	85	70	------
17	58.64	58.81	60.04	58.32	58.53	59.46	58.97	24.1	23.2	31.4	32.1	28.1	27.7	27.8	33	23.1	87	86	59	60	76	74	73.7	------
18	58.41	58.80	60.05	58.11	58.48	59.98	58.97	24.5	24.1	31	32.5	28.4	25.5	27.7	33.1	24.1	87	91	62	52	69	87	74.7	------
19	59.43	59.82	60.85	58.90	59.27	60.41	59.78	23.6	22.9	30.5	32.9	27.9	27.1	27.5	33.3	22.1	88	83	53	48	68	77	69.5	------
20	59.71	60.49	61.26	59.34	59.80	61.11	60.28	23.1	22.1	30.9	33.1	28.2	27.5	27.5	34	22.1	91	95	60	53	73	81	75.5	------
21	60.52	60.64	61.58	59.81	59.55	60.16	60.38	27.4	27.1	31.6	30.3	28	27.6	28.7	32.1	25	81	83	62	64	74	81	74.2	------
22	59.76	60.09	61.26	58.90	59.27	61.12	60.07	24.7	22.7	30.6	32.4	29.1	24.9	27.4	33.6	22.2	83	93	55	52	74	83	73.3	2.5
23	60.28	60.19	60.82	59.07	59.55	61.21	60.19	24.5	23.9	30.1	33	27.5	24.8	27.3	33.4	23.6	87	88	64	52	78	85	75.7	------
24	60.58	60.74	61.54	59.35	59.48	60.52	60.37	23.1	26.6	32	32	28.1	27.4	28.2	32.5	23	91	86	66	64	77	80	77.3	------
25	59.92	59.61	60.35	58.82	59.68	61.57	59.99	27.1	23.5	31.5	32	28.1	26.5	28.1	32.5	23.5	81	91	66	63	77	86	77.3	------
26	60.52	60.60	61.96	59.41	60.23	61.48	60.70	24.1	23	30	31.1	28	27	27.2	32.9	22.9	91	91	65	63	77	84	78.5	------
27	60.72	60.67	61.90	59.75	59.98	61.32	60.72	24.1	23.9	30.1	31.9	29	25.9	27.5	32.5	23.4	91	93	71	61	78	84	79.7	------
28	60.36	60.45	60.88	58.72	59.27	60.69	60.06	24.9	24.5	29.6	31.2	28	25.2	27.2	33.5	24	87	85	64	64	79	91	78.3	6.4
29	59.74	59.51	61.12	59.32	59.51	60.97	60.03	23.1	21.8	30	30.5	27.5	24.9	26.3	31.6	21.8	92	93	65	65	78	88	80.2	------
30	60.52	60.18	61.05	59.34	59.55	60.97	60.27	22.6	21.8	30.6	32.5	28.1	25.3	26.8	33	21.4	91	93	68	52	76	88	78	------
Mean	59.90	59.96	60.86	58.96	59.43	60.73	59.97	24.4	23.7	30.8	32.3	28.3	26.2	27.6	33.2	23.1	87.3	88.2	61.5	56.6	74.1	83	75.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	21.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	SSE	3	SSE	4	SE	4	E	3	NNE	3	SSE	2	10	Ci.	Cu.	4	Ci.	S.-Cu.
2	SSE	3	ESE	4	SE	5	WNW	4	NNE	2	ENE	3	1	Ci.	S.-Cu.	3	Ci.	Cu.
3	SSE	3	SSE	4	SE	4	NNE	4	NNW	3	SSW	2	1	------	S.-Cu.	2	Ci.	Cu.
4	SSE	2	SSE	4	SE	4	NNE	3	NNW	3	NNE	4	4	A.-Cu.	S.-Cu.	1	------	Cu.
5	NNE	3	ESE	2	E	4	NNE	4	N	4	NNE	4	5	------	Cu.	1	------	Cu.
6	SSE	1	SSE	1	SSE	4	E	4	NNE	4	SSE	2	2	Ci.	Cu.	2	------	Cu.
7	SSE	2	SSE	2	S	4	NNE	4	NNE	4	SSE	2	1	------	Cu.	2	Ci.	Cu.
8	SSE	2	SSE	4	SSE	4	SE	4	NNE	4	NNE	4	1	Ci.	S.-Cu.	3	Ci.-S.	Cu.
9	SSE	2	SSE	2	SE	4	NNW	4	N	4	NNE	4	1	Ci.	S.-Cu.	2	Ci.-S.	Cu.
10	SSE	2	SSE	4	SSE	4	E	4	NNW	4	S	1	7	Ci.-Cu.	S.-Cu.	1	------	Cu.
11	SSE	2	SSE	2	ESE	3	N	4	N	4	S	2.	1	------	Cu.	2	------	Cu.
12	SSE	3	SSE	4	SSE	4	E	4	NE	3	Calm	----	1	------	Cu.	2	------	Cu.
13	Calm	----	SSE	2	SSE	5	SSE	6	NNW	2	SSE	2	10	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu.
14	SSE	3	SSE	2	ESE	4	NNE	4	NNE	4	NNE	4	1	Ci.-Cu.	Cu.	9	Ci.-Cu.	Cu.
15	SSE	3	SSE	2	S	2	WNW	4	NNW	4	SSE	4	9	A.-Cu.	Cu.	2	------	Cu.
16	SSE	4	SSE	5	SE	4	E	4	N	3	SSE	2	1	------	Cu.	1	------	Cu.
17	S	2	S	3	E	4	NNE	4	NNE	4	NNE	4	1	------	S.-Cu.	1	------	Cu.
18	S	2	SSE	3	SE	4	NE	4	NNE	3	S	2	3	Ci.-S.	Cu.	1	------	Cu.
19	S	2	SE	4	SSE	4	SE	4	NNE	4	NNE	3	10	Ci.	Cu.	1	------	Cu.
20	SE	1	SE	1	SE	4	NNE	4	NNE	4	NNE	4	1	Ci.	Cu.	1	------	Cu.
21	NNE	4	NNE	3	NNE	4	NNE	5	NNE	5	NNE	4	8	Ci.	Cu. NNE	5	Ci.	Fr.-Cu.
22	SE	4	SE	1	SE	5	E	4	NNE	2	SE	6	10	Ci.	S.-Cu.	10	Ci.	Cu.
23	SSE	2	SSE	3	SE	4	ESE	4	SSE	2	S	1	6	Ci.	Cu.	2	Ci.	Cu.
24	S	1	NNE	3	NNE	4	NNW	4	NNE	5	NNE	6	10	Ci.-S.	Cu. NNE	3	Ci.	Cu.
25	NNE	4	SE	1	E	4	NNE	4	NNW	4	SSE	1	6	Ci.-S.	S.-Cu.	1	Ci.	Cu.
26	SSE	1	SE	2	SE	4	NE	4	N	4	NNE	3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27	S	1	S	1	NE	2	NNE	4	S	1	S	3	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
28	SE	2	SSE	3	SSE	4	NNW	4	NNE	5	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
29	S	1	S	1	SE	4	NNE	4	N	4	S	1	10	Ci.-S.	S.-Cu,	10	Ci.	Cu.
30	SSE	2	SSE	2	SE	4	NNE	4	N	4	SE	1	5	Ci.-S.	Cu.	3	Ci.	Cu.
Mean	------	2.2	------	2.6	------	3.9	------	4	------	3.5	------	2.7	5.2	------	------	3.7	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.52	60.54	61.06	59.31	59.73	61.23	60.40	24.2	23.1	31	32.9	28.9	25.1	27.5	33.5	22.9	90	90	63	51	69	87	75	------
2	60.73	61.05	61.79	59.36	59.72	61.08	60.62	24.8	23	32.1	33.5	28.9	25.6	28	33.9	22.9	90	84	51	48	72	86	71.8	------
3	60.03	60.24	61.14	59.09	59.63	60.51	60.12	24.8	22.9	32.5	33	28.6	27.6	28.2	33.5	22.9	87	91	55	49	78	83	73.8	------
4	59.93	59.84	61.05	59.29	59.38	60.41	59.98	24.3	22.6	31.7	32.9	28.6	27.1	27.9	33.6	22.2	91	91	60	56	72	80	75	------
5	59.67	59.21	60.17	58.38	59.27	60.66	59.56	23.7	22.7	30.9	33.5	28.9	27.1	27.8	34	22.6	91	94	64	60	78	86	78.8	------
6	59.76	60.07	60.62	58.97	59.17	60.17	59.79	24.7	24	30.2	31.7	28.6	26.2	27.6	32.8	23.9	92	91	66	61	80	89	79.8	------
7	59.77	59.92	61.05	58.72	58.95	60.66	59.84	25.5	24.8	31.3	32.3	28.5	25.6	28	33.1	24.3	87	82	60	57	75	87	74.7	------
8	59.70	59.66	60.41	58.77	58.76	59.99	59.55	24.7	24	31.7	32	28	25.1	27.6	33.1	23.9	88	88	59	58	71	83	74.5	------
9	59.78	59.88	60.93	59.05	59.27	60.19	59.85	24.7	24.9	30.7	32	28	25.4	27.6	33	24.1	79	72	60	60	80	88	73.2	------
10	59.99	60.19	61.06	59.03	59.35	60.53	60.02	24.3	23.9	30.6	31.4	28	24.8	27.2	32.9	23.3	86	85	59	66	71	85	75.3	------
11	60.01	60.13	61.37	58.99	59.04	60.42	59.99	25.5	25.2	29.6	32.2	28.1	26.4	27.8	33.5	24.3	84	82	67	57	77	84	75.2	------
12	59.78	59.61	60.71	58.98	59.70	60.59	59.90	24.6	23.2	30.6	30.7	28.6	26.2	27.3	32.6	23.1	87	86	63	68	76	84	77.3	------
13	59.99	59.89	60.90	58.91	59.41	60.67	59.96	25	24.9	31.4	31.6	27.9	26.2	27.8	33.5	24.4	83	81	59	60	77	82	73.7	------
14	59.97	60.33	61.43	59.25	59.51	60.94	60.24	25.4	23.5	31	31.9	27.9	25.6	27.6	32.9	23.1	84	88	59	59	76	82	74.7	------
15	60.37	59.84	60.91	59.22	59.88	61.62	60.31	25.1	24.1	31.3	32.7	28.6	25.6	27.9	33.1	23.9	83	83	58	56	73	87	73.3	3.3
16	61.26	61.24	62.53	60.49	61.21	62.32	61.51	24.9	23	30.2	32.5	28.2	27.5	27.7	32.7	22.9	89	88	64	56	76	81	75.7	------
17	61.37	61.67	62.79	60.89	61.25	61.96	61.66	24.9	24.6	30.1	32.6	28.6	27.5	28	33	24.4	84	87	62	54	73	80	73.3	1.8
18	61.31	61.50	63.26	61.29	61.08	61.23	61.61	27.2	24.5	29.9	32.1	27.6	27.5	28.1	32.5	24.4	84	92	71	61	81	81	78.3	------
19	60.33	60.33	62.08	60.27	60.36	60.92	60.72	27	26.6	31.1	30.6	27.6	26.5	28.2	32.4	24.4	81	80	66	64	80	80	75.2	------
20	60.07	60.40	61.63	60.06	60.36	61.16	60.61	23.6	21.9	30.3	31.9	27.5	23.9	26.5	32.6	21.7	90	93	54	53	74	88	75.3	------
21	60.07	60.30	61.52	58.98	59.33	60.31	60.08	23.3	23.1	30.2	31.6	27.5	25.1	26.8	33	21.9	83	83	59	56	73	83	72.8	------
22	59.69	59.87	61.08	58.56	59.17	60.43	59.80	26.7	23.2	31.4	32.3	27.5	26.5	27.9	33	23.1	80	94	66	63	77	80	76.7	------
23	59.83	60.47	62	60.02	60.13	61.27	60.62	26.5	26.5	30	30	27	27.1	27.8	31.8	24.9	74	74	59	61	71	74	68.8	------
24	60.70	60.84	61.76	59.86	60.31	61.73	60.87	24.1	23.5	31.1	32.6	28.5	25	27.5	33.1	22.4	84	80	52	57	72	87	72	------
25	61.56	61.83	63.01	61.18	61.47	63.11	62.03	25.1	24.5	28.5	33.5	27.6	27.5	27.8	33.7	24.2	83	87	58	50	74	77	71.5	------
26	62.11	62.18	63.19	61.12	61.56	62.66	62.14	27	27	30.6	32.3	27.6	27.4	28.6	32.7	24.9	80	78	64	57	76	76	71.8	.3
27	62	62.17	63.36	61.09	61.26	62.33	62.04	23.8	23	30.6	32.1	27.5	24.9	27	32.8	22.6	88	86	52	48	70	87	71.8	------
28	61.72	62.01	63.30	61.47	61.28	61.92	61.95	22.8	22.1	29.9	31.7	27.1	27	26.8	32.5	22	74	76	50	50	77	80	67.8	------
29	61.41	61.48	62.45	59.87	59.56	60.27	60.84	24.6	23	29.7	31.4	27	23.9	26.6	32.4	22.7	92	88	55	53	71	85	74	------
30	59.98	60.11	61.70	59.36	59.47	61.13	60.29	22.6	22.1	29.5	31.4	27.6	24.1	26.2	31.6	21.9	86	88	59	53	67	85	73	------
31	60.66	60.95	62.80	60.98	60.93	61.73	61.34	22.3	19.3	29.1	31	27.1	26.8	25.9	31.6	19	91	92	62	58	70	80	75.5	------
Mean	60.46	60.57	61.71	59.70	59.98	61.10	60.59	24.8	23.7	30.6	32.1	28	26.1	27.5	32.9	23.2	85.3	85.6	59.9	56.8	74.4	83.1	74.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SSE	2	SSE	4	NNE	4	N	3	S	1	2	Ci.	S.-Cu.	2	Ci.	Cu.
2	SSE	1	SSE	2	SE	3	E	4	NNE	4	SSE	2	2	Ci.	S.-Cu.	1	------------	Cu.
3	SSE	3	SSE	1	SE	4	ESE	4	NNE	4	NNE	3	1	------------	S.-Cu.	1	------------	Cu.
4	SSE	1	SSE	2	S	3	NNW	4	NNE	3	NE	2	3	Ci.-S.	Cu.	2	Ci.	Cu.
5	SE	1	SE	1	SE	4	NNW	4	N	4	ENE	2	10	Ci.	S.-Cu.	4	Ci.	Cu.
6	SE	1	SE	2	ESE	4	NNE	4	N	4	SE	1	9	Ci.	S.-Cu.	5	Ci.	Cu.
7	SSE	3	SSE	4	SE	4	NNE	4	N	4	SSE	1	1	Ci.	Cu.	2	Ci.	Cu.
8	SSE	2	SSE	3	SSE	4	N	4	NNE	3	SSE	4	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
9	SSE	4	SSE	4	ESE	4	NNE	4	NNE	4	S	1	10	------------	S.-Cu.	1	------------	Cu.
10	SSE	4	SSE	3	E	4	NNE	4	NNE	4	S	2	6	Ci.-S.	Cu.	7	Ci.-Cu.	Cu.
11	SSE	4	SSE	4	SSE	4	NNE	4	NNE	4	S	2	10	------------	S.-Cu.	1	Ci.	Cu.
12	SSE	3	SSE	2	E	3	NE	4	NNE	4	S	2	4	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
13	S	2	S	3	ESE	4	NNE	4	NNE	4	SSE	4	10	Ci.	S.-Cu.	10	Ci.	S.-Cu.
14	SSE	4	SSE	2	ESE	4	NNE	4	NNE	4	SSE	4	10	Ci.	S.-Cu.	6	Ci.-S.	Cu.
15	SSE	4	SSE	4	ESE	4	S	3	NNW	4	SSE	3	10	Ci.	S.-Cu.	7	A.-Cu.	S.-Cu.
16	SSE	3	SSE	3	SSE	4	ESE	4	NNE	4	NNE	3	6	Ci.	S.-Cu.	2	Ci.	Cu.
17	SSE	2	SE	2	SSE	4	ESE	4	N	4	NNE	5	5	A.-Cu.	S.-Cu.	2	Ci.	Cu.
18	NNE	4	SSE	2	SSE	4	NNW	4	NNE	6	NNE	6	10	A.-Cu.	N.-cf.	8	A.-Cu.	Cu.-N.
19	NNE	5	NNE	4	N	4	NNE	4	NNE	5	ENE	2	7	Ci.-S.	Fr.-cu. NE	2	Ci.	Cu.
20	ESE	1	ESE	1	SE	4	NNE	4	NNE	4	SSE	2	1	Ci.	S.-Cu.	10	Ci.	Cu.
21	S	2	S	2	SE	4	NNE	4	NNE	4	S	2	10	Ci.	S.-Cu.	10	Ci.-S.	Cu.
22	NNE	4	ESE	1	NNE	4	NW	4	NNW	4	N	4	10	Ci.	Cu.	10	Ci.	Cu.
23	N	5	N	5	NNE	5	N	5	NNE	4	NNE	4	10	Ci.-S.	Cu. N	2	Ci.	Fr.-Cu.
24	SSE	2	SSE	4	S	4	WNW	4	W	4	S	1	1	Ci.	S.-Cu.	5	------------	Cu.
25	SSE	3	SE	4	SE	6	W	4	W	5	NNW	4	10	------------	S.-Cu.	10	Ci.	Cu.
26	NNE	4	NNE	4	SE	4	NNE	4	NNE	4	NNE	4	9	A.-Cu.	Cu. NNE	2	Ci.	Cu.
27	SSE	2	SSE	4	SE	4	ESE	4	NNE	4	SSE	1	1	------------	Cu.	1	------------	Cu.
28	SSE	5	SSE	4	SE	5	NNE	4	N	4	NNE	2	1	Ci.	Cu.	7	Ci.	Cu.
29	SE	1	SE	2	SE	4	NNE	4	NNE	4	S	1	10	Ci.-S.	S.-Cu.	7	Ci.	Cu.
30	SE	2	SE	2	ESE	4	E	4	NNW	4	S	1	8	Ci.	Cu.	9	Ci.	Cu.
31	S	1	S	1	SE	5	NNE	4	N	4	NNE	4	2	Ci.	S.-Cu.	1	Ci.	Cu.
Mean	------	2.7	------	2.7	------	4.1	------	4	------	4	------	2.6	6.4	------------	------------	4.8	------------	------------

BAGUIO.[a]

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	40.18	40.28	41.23	39.80	40.15	40.75	40.40	13.7	13.7	19.8	19	16	14	16	23.8	13.1	80	75	53	79	77	86	75	------
2	40.04	40.44	41.45	39.86	40.23	40.80	40.47	13.4	13.6	21.5	22	16	14	16.8	23.7	13	86	82	52	71	76	86	75.5	------
3	40.39	40.38	41.69	40.20	40.59	41.01	40.71	13.4	13.5	20	21.4	15.5	13.8	16.3	23.5	12.9	85	80	54	62	66	80	71.2	------
4	40.01	39.99	41.32	39.50	39.98	40.68	40.25	13.2	12.4	18	17.2	15.7	13.7	15	22.5	12.3	83	87	60	87	89	95	83.5	------
5	40.09	40.50	41.58	39.56	40	40.63	40.39	13.9	15.3	21.1	22.6	16.6	15.4	17.5	23.1	13.1	89	73	58	65	90	89	77.3	------
6	39.79	40.22	41.42	39.89	40.30	41.06	40.45	14.7	13.7	20.6	22	16.2	14.3	16.9	23.3	12.9	88	85	70	63	77	89	78.7	------
7	40.10	40.34	41.44	39.48	39.73	40.51	40.27	13.1	13.1	18.9	20.9	14.2	13.5	15.6	21.7	12.3	86	79	56	52	90	86	74.8	------
8	39.58	40.14	41.53	40.44	40.80	41.96	40.74	12.2	11.8	18.5	18.4	13	10.8	14.1	20.5	10.1	87	79	59	65	76	86	75.3	------
9	40.83	41.24	42.49	40.87	40.97	41.37	41.30	9.9	9.6	16.9	20.2	13.5	10.7	13.5	22.5	9	85	83	51	62	69	87	72.8	------
10	40.65	40.75	41.94	40.43	40.55	40.73	40.84	10.3	11	19.5	17	13.9	12.1	14	20.8	10.3	89	80	44	73	89	89	77.3	------
11	39.51	39.39	40.74	39.10	39.36	39.20	39.55	10.9	10.8	17.3	19.3	13.8	12.2	14	20.7	10	84	69	51	61	80	82	71.2	------
12	38.36	38.30	39.45	38.39	38.64	39.18	38.72	12	11.7	18.3	18.7	15.4	13.9	15	21.7	10.9	78	79	53	65	72	80	71.2	------
13	38.32	38.67	39.35	38.73	38.95	39.15	38.86	13.4	13.4	21.7	22.2	16.1	14.7	16.9	23.3	12.7	80	79	42	60	94	84	73.2	------
14	38.46	38.96	40.06	38.82	39.38	39.52	39.20	13	12.2	19.3	23	16	15	16.4	23.8	11.9	100	98	57	52	92	83	80.3	------
15	39.15	39.44	40.03	39.01	39.23	39.61	39.41	13.3	13	19.3	19	17.4	14.7	16.1	22.9	12.2	85	77	43	72	74	84	72.5	------
16	39.17	39.65	40.20	39.45	39.69	39.82	39.66	13.4	13.6	22.6	17.6	15.6	14.3	16.2	23.4	12.7	91	85	52	82	96	99	84.2	------
17	39.06	39.39	40.50	38.72	39.48	39.99	39.52	14.3	14.4	21.2	18.7	16.6	14.5	16.6	23.7	13.2	91	84	57	82	88	94	82.7	------
18	39.40	39.51	40.20	38.58	38.87	39.19	39.29	13.6	12.9	21.7	18.3	15.6	14.8	16.2	22.2	12.5	95	91	57	77	93	90	83.8	------
19	38.43	38.36	39.08	37.19	37.92	38.85	38.30	13.8	13.7	20.7	21.5	15.3	14.7	16.6	22.3	12.7	93	86	60	66	92	89	81	------
20	38	38.09	39.06	37.15	37.52	38.26	38.01	13.9	12.6	17.6	20	16	14.3	15.7	22.1	12.5	90	92	84	73	90	88	86.2	------
21	37.70	37.65	38.70	37.38	37.78	38.51	37.95	13.5	13.3	20.5	19.5	17	14.5	16.4	24.3	12.3	81	73	53	77	75	82	73.5	------
22	37.75	38.31	39.50	38.10	38.37	39.08	38.52	13.4	12.7	20.7	20	16	14.6	16.2	23.5	12.5	86	87	52	77	93	89	80.7	------
23	38.38	38.30	39.48	38.10	38.23	39.30	38.63	13.9	13.5	20.5	17.4	15.3	14.2	15.8	22.8	12.8	89	85	57	84	88	90	82.2	------
24	38.57	38.61	39.85	38.02	38.09	38.51	38.61	13.6	13.3	19.2	18.2	15.2	14.4	15.6	23.6	13	86	80	62	84	96	93	83.5	------
25	37.63	37.59	38.87	37.25	37.28	37.96	37.76	13.6	13.4	21	17.4	16	13.9	15.9	22	12.6	90	82	48	85	81	88	79	------
26	37.53	37.59	38.77	37.98	38.57	39.50	38.32	12.8	12.2	18.5	18.3	15.5	14	15.2	23.3	11.7	88	82	54	77	92	91	80.7	------
27	39.01	38.99	39.68	38.29	38.36	38.80	38.86	13	12.6	19.8	22.4	16.8	14.5	16.5	23	11.7	91	85	57	60	79	86	76.3	------
28	38.24	38.33	38.92	37.59	37.55	38.10	38.12	13.7	13.2	19.8	20.5	16	15.4	16.4	22.9	13	83	80	58	66	82	83	75.3	------
29	37.74	37.94	38.73	37.45	37.56	38.28	37.95	14.6	13.7	20.2	18.6	17.2	15.8	16.7	23.7	13.1	89	92	51	78	84	89	80.5	------
30	37.67	37.93	38.62	37.45	37.95	38.65	38.04	14.6	14.4	22.2	18.7	16.9	16.1	17.2	24	13.7	92	86	48	86	89	95	82.7	------
31	37.73	38.02	38.91	37.53	37.86	38.44	38.08	15.1	14.7	21.8	17.3	16.3	15.6	16.8	22.3	14.2	97	93	62	89	97	98	89.3	------
Mean	38.95	39.14	40.15	38.72	39.03	39.59	39.26	13.3	13	20	19.6	15.7	14.1	15.9	22.8	12.3	87.6	82.8	55.3	72	84.7	88.1	78.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	ENE	SE	WSW	ENE	E	131.5	119.7	73.7	105.7	430.6	9	A.-Cu.	S.-Cu.	10	------	------
2	E	ESE	ENE	W	E	SE	86.3	88.5	69.4	160.4	404.6	0	Ci.	S.-Cu.	4	------	Cu.
3	SE	E	SE	SW	ENE	E	139.8	129.3	76.9	140.5	486.5	0	------	Cu.	3	A.-Cu.	Cu.
4	SE	E	ENE	SW	W	E	121.2	100.8	83.9	113.8	419.7	2	Ci.	S.-Cu.	9	------	Cu.
5	E	NE	WSW	SW	Calm	SE	105.7	76.1	96.1	30	307.9	10	------	S.-Cu. E	4	------	Cu. S
6	E	N	SW	W	NNE	NE	51.5	68.7	98	89.3	307.5	0	Ci.	Cu.	2	------	Cu.
7	NE	NE	SW	SW	Calm	SE	70.6	89.6	128.5	108	396.7	5	A.-Cu. E	S.-Cu. ENE	2	Ci.-S.	Cu.
8	E	ESE	SE	SW	ESE	SE	144.8	99.3	93.8	159.9	497.8	0	Ci.	Cu.	4	A.-Cu.	Cu.
9	SE	E	ESE	WSW	E	E	178	143.4	89.9	126.9	538.2	2	Ci.	S.-Cu.	6	------	Cu.
10	E	ENE	NNE	WSW	W	NW	94.8	78.9	104.3	51.7	329.7	1	------	S.-Cu.	9	------	Cu. WSW
11	NE	NE	SE	SW	Calm	SE	47	57.4	111.5	122	337.9	0	Ci.	S.-Cu.	2	------	Cu. E
12	SE	ESE	ENE	W	SE	E	213.2	157.1	89.3	171.4	631	0	Ci.	S.-Cu.	3	------	Cu. S
13	E	ENE	E	SW	Calm	E	167.6	108.3	93	51.8	420.7	0	------	Cu.	3	Ci.	Cu.
14	NE	ENE	NE	SW	SW	E	52.3	71	102.7	58.2	284.2	0	Ci.	Cu.-N.	5	------	Cu. NW
15	NE	ENE	ENE	WSW	E	SE	82.1	109.2	102	94.8	388.1	1	Ci.	S.-Cu.	8	Ci.-S.	Cu. S
16	E	Calm	E	WSW	Calm	E	89	60.7	83.5	87.5	320.7	0	Ci.	Cu.-N.	9	------	Cu.-N. SSE
17	SE	ESE	E	WSW	E	SE	133.8	98	80.2	70.8	382.8	0	Ci.	S.-Cu.	8	------	Cu.-N.
18	NE	ENE	WSW	WSW	SW	SE	85.8	74.3	95.6	71.4	327.1	0	Ci.	Cu.	9	Ci.	Cu.-N.
19	E	ENE	W	WSW	SW	SE	75	78.7?	112.5	36.8	303	1	Ci.	Cu.	10	------	Cu. SSW
20	SE	NNE	SW	SW	SSE	SE	46.9	52.8	86.9	122	308.6	0	Ci.	Cu.	9	------	Cu.
21	E	ENE	SE	WSW	ESE	E	113.8	80.3	77.9	107.6	379.6	2	Ci.	S.-Cu.	10	------	Cu.-N.
22	E	E	ENE	WSW	Calm	E	104.9	79.4	97.6	132.6	414.5	0	Ci.	Cu.	9	------	Cu.
23	E	ENE	ESE	SW	SW	Calm	126.9	87.9	72.1	46.1	333	2	Ci.	S.-Cu.	10	------	Cu.-N. S
24	E	E	SW	SW	SW	SE	113.2	80.5	103.5	43	340.2	0	Ci.	S.-Cu.	9	------	Cu. S
25	SE	E	SW	SSW	SSW	SE	82.6	94.6	75.3	120.1	372.6	2	Ci.	S.-Cu.	10	------	Cu.-N.
26	E	SE	ENE	SW	SW	Calm	123.3	132.2	92.3	35.7	383.5	0	Ci.	S.-Cu.	5	------	Cu. W
27	NE	NE	SW	SW	SSE	E	58.7	60.7	101.4	92.8	313.6	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
28	E	E	SW	SW	SW	Calm	115.1	80.8	112.3	28.4	336.6	0	Ci.	Cu.	9	------	Cu. W
29	E	ENE	ESE	SW	SE	SE	38.8	80.5	99.8	47.2	266.3	0	Ci.	Cu.	10	------	Cu.-N. S
30	E	ESE	NE	WSW	ESE	E	48.5	68.7	75.9	58.5	251.6	9	------	S.-Cu.	10	------	Cu.
31	E	ENE	E	WSW	SW	S	130.9	111.8	89.6	25.1	357.4	1	Ci.	S.-Cu. SE	10	------	Cu.-N.
Mean	------	------	------	------	------	------	102.4	90.9	92.6	87.4	373.3	1.5	------	------	7.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,572.2	------	------	------	------	------	------

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[a] The barometric readings of this station are not reduced to sea level.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.47	37.85	38.71	37.25	37.37	37.93	37.76	15.1	14	17.9	19	16	15.6	16.3	22.4	13.5	96	98	82	82	98	95	91.8	------
2	37.37	37.37	38.50	37.08	37.58	38.31	37.70	15.2	14	19	19.4	16.5	15.5	16.6	22.2	12.7	93	93	79	77	93	87	87	------
3	37.93	38.15	39.15	37.69	37.97	38.45	38.22	14.1	14	22.2	20.6	17.5	14.9	17.2	24.2	13.7	91	83	51	75	68	82	75	------
4	37.34	37.72	38.83	37.36	37.61	38.39	37.88	14.9	15.2	19.8	20.5	16.7	15.2	17	23.8	13.6	80	76	59	77	94	92	79.7	------
5	37.76	37.84	39.19	38.05	37.90	38.81	38.26	13.7	13.2	20.5	18.6	16.4	15.2	16.3	22.8	13.1	98	95	59	82	94	96	87.3	------
6	37.89	37.83	39.54	37.86	37.97	38.58	38.28	13.7	13.6	19.1	22	16.4	15.3	16.7	23.2	13	100	82	77	60	92	88	83.2	------
7	37.59	37.50	38.40	36.95	37.04	37.46	37.49	13.7	13	20.1	21.2	15.9	14.9	16.5	22.8	12.7	93	86	67	65	88	92	81.8	------
8	37.28	37.90	39.15	37.88	38.18	38.87	38.21	14	13.8	17.8	20.5	15.4	15	16.1	21.2	13.3	97	98	74	70	88	89	86	------
9	38.15	38.34	39.66	38.46	38.40	39.19	38.70	14.1	13.6	17.1	21.6	17	13.8	16.2	23.7	12.5	94	94	83	63	80	94	84.7	------
10	38.28	38.37	39.67	38.34	38.34	39.20	38.70	12.8	12.8	22.5	19.8	16.2	14.8	16.5	23	12.3	94	87	48	78	88	85	80	------
11	38.74	38.99	39.96	38.99	38.91	39.67	39.21	14.2	13	21	20.2	15.9	13.9	16.4	23.6	12.7	80	78	46	66	80	76	71	------
12	39.13	38.90	39.85	38.92	38.91	39.71	39.24	13.2	13	19.3	20.5	15.4	13.3	15.8	22.8	12.2	65	51	55	58	83	85	66.2	------
13	38.92	39.13	39.95	38.98	38.95	39.40	39.22	11.7	11	21.2	20.3	15.6	13.2	15.5	23.3	10.7	86	80	41	68	74	84	72.2	------
14	38.76	38.96	40.10	38.76	38.87	39.45	39.15	11.9	12	19.1	17.5	14.9	13.3	14.8	20.8	11.2	83	78	54	70	96	99	80	------
15	38.63	38.61	39.89	38.60	38.72	39.24	38.95	12.3	11.9	19.2	18.7	14.9	13.7	15.1	21.3	11.6	98	89	55	70	89	92	82.2	------
16	38.38	38.52	39.89	38.64	38.78	39.30	38.92	13	12.7	19.8	20.5	15.7	13.9	15.9	23.2	12.2	87	80	46	62	81	80	72.7	------
17	38.43	38.76	40.01	38.54	38.61	38.97	38.89	13.2	12.9	19.9	20.9	16.5	14.9	16.4	23.7	12.2	62	53	46	62	92	94	68.2	------
18	37.93	38.49	40	38.74	38.78	39.36	38.88	14.1	13.5	20.7	19.6	16.4	14.5	16.5	23.1	12.2	93	90	46	76	87	92	80.7	------
19	38.24	38.32	39.46	38.65	38.75	38.93	38.72	13.5	11.5	19.6	21.3	15.4	14.9	16	23	11.3	92	98	66	66	88	73	80.5	------
20	37.80	38.08	39.25	38.11	38.24	38.45	38.32	15.2	17	19.5	21.7	15.9	15.2	17.4	23.1	14	53	28	68	64	90	92	65.8	------
21	37.57	37.58	38.65	37.81	38	38.70	38.05	13.2	14	18.5	20.6	16.5	14.7	16.2	22.2	10.2	100	86	69	67	88	91	83.5	------
22	37.11	36.59	37.85	37.13	37.11	38.21	37.33	13.5	13	21.3	20.5	15.9	14.4	16.4	22.8	12.2	91	80	41	65	88	87	75.3	------
23	37.70	37.85	38.92	38.10	37.83	38.35	38.12	13	11.9	19.4	22	14.9	13	15.7	23.5	11.7	91	94	48	45	89	98	77.5	------
24	37.46	37.33	38.83	37.93	37.73	38.44	37.95	13.2	12.5	19.3	19	15.4	14.4	15.6	22.2	12	84	86	59	69	90	82	78.3	------
25	37.73	37.80	37.78	37.60	37.18	37.98	37.68	13.2	12.1	20.2	19.1	15.5	15	15.8	23.1	12	91	89	40	63	81	77	73.5	------
26	37.41	37.57	39.49	38.10	38.13	38.51	38.20	13.7	13.2	16.9	18	15.4	14.3	15.2	20.8	12.5	89	90	71	78	98	95	86.8	------
27	37.66	38.44	39.96	38.89	38.80	39.66	38.90	13.5	12.9	19.9	19	16	14.6	16	23.1	12.4	94	89	56	72	93	99	83.8	------
28	38.93	39.14	40.67	39.23	39.13	40.20	39.55	14.1	13.1	20.4	21.9	17.3	14.8	16.9	23.4	12.5	93	92	44	66	81	91	77.8	------
Mean	37.99	38.14	39.33	38.17	38.21	38.85	38.45	13.6	13.2	19.7	20.2	16	14.5	16.2	22.8	12.4	88.1	83	58.2	68.4	87.5	88.8	79	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	NNE	SW	SW	Calm	SE	45.7	64.9	105.7	35.9	252.2	5	------------	Cu.-N.	9	------------	Cu. WNW
2	SE	NE	SW	SW	WSW	E	47.8	59.5	90.1	70.6	268	5	------------	S.-Cu.	10	------------	Cu.-N.
3	E	E	E	WSW	E	SE	103.3	101.7	90.6	149.5	445.1	0	Ci.	S.-Cu.	7	------------	Cu. S
4	E	E	E	WSW	Calm	E	173.2	142.6	71.1	94.4	481.3	0	Ci.	Cu.	9	------------	Cu. S
5	E	E	E	SW	WSW	N	122.1	112	108.8	33.5	376.4	0	Ci.	Cu.	9	------------	Cu.
6	NE	ENE	SW	WSW	Calm	SE	63.9	62	129.3	56.3	311.5	0	Ci.	Cu.	7	------------	Cu.-N.
7	SE	NNE	SSW	SW	SW	SE	96.1	92	117	58.7	363.8	0	Ci.	Cu.	6	------------	Cu. SE
8	Calm	S	SW	WSW	NE	S	54.2	74	96.9	45.1	270.2	8	------------	------------	10	------------	Cu.
9	SE	Calm	SW	W	SE	SE	61.4	57.3	117.8	110.5	347	1	Ci.	Cu.-N.	5	------------	Cu. NNW
10	SE	ENE	ENE	SW	WSW	NW	138.1	84.7	92.2	48.5	363.5	0	Ci.	Cu.	9	------------	Cu.-N.
11	N	NNE	SW	SW	NW	NE	71.9	93.1	140.2	69.2	374.4	0	Ci.	Cu.	7	Ci.	Cu. NW
12	N	WNW	WSW	WSW	SW	E	59.5	97.1	132.8	101.7	391.1	0	------------	S.-Cu.	7	------------	Cu.
13	E	ENE	ENE	SW	SSE	SE	133	93	102.2	79.1	407.3	0	Ci.	S.-Cu.	7	------------	Cu. SW
14	E	ENE	ESE	SW	SW	E	94.1	73.4	55.8	68.4	291.7	1	Ci.	S.-Cu.	8	------------	Cu. S
15	E	ENE	SE	SW	SW	E	147.1	91.7	124.4	70	433.2	0	Ci.	S.-Cu.	8	------------	Cu. S
16	E	E	ENE	SW	SW	SE	126.3	129.7	141.3	70	467.3	0	------------	Cu.	8	------------	Cu.-N.
17	SE	ENE	E	SW	SW	SE	142.2	116.4	100.9	62	421.5	0	------------	Cu.	7	------------	Cu.
18	E	NE	E	WSW	Calm	SE	70.3	87.1	94.1	52.3	303.8	10	------------	S.-Cu. E	10	------------	Cu.-N.
19	E	N	SW	SW	Calm	SE	80.2	63.3	102.8	118.6	364.9	0	------------	Cu.-N.	7	------------	Cu. NNW
20	E	NE	WSW	SW	Calm	SE	67.3	62	111.8	108.9	350	0	------------	Cu.	1	------------	Cu.
21	E	E	SW	SW	Calm	SE	58.9	59.7	108	50.7	277.3	0	------------	Cu.	7	------------	Cu.
22	E	ENE	E	SW	WSW	SE	126.5	99.5	153.1	40.4	419.5	0	------------	Cu.	8	------------	Cu. WSW
23	SE	E	SSW	SW	WSW	NE	48.5	82.1	171.1	73	374.7	0	------------	Cu.	1	Ci.	Cu. W
24	SE	E	SW	WSW	SW	SW	70.8	83.1	131.7	38	323.6	0	Ci.	S.-Cu.	10	------------	Cu. WSW
25	W	WSW	SW	SW	E	SE	63.4	89.8	145.6	62.6	361.4	1	Ci.	S.-Cu.	4	------------	Cu. WSW
26	SE	ENE	SW	SW	S	E	108.6	89.9	101.1	113.3	412.9	5	Ci.	Cu.	10	------------	Cu.-N. SW
27	E	E	ESE	SW	SW	E	176.9	114.9	134.7	50.7	477.2	1	Ci.	Cu.-N.	9	------------	Cu. SSE
28	E	E	ESE	SW	Calm	E	87.1	88.5	94.4	70.8	340.8	1	Ci.	Cu.	8	Ci.	Cu.
Mean	------	------	------	------	------	------	94.2	88	113.1	71.5	366.8	1.4	------------	------------	7.4	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	10,271.6	---	------------	------------	----	------------	------------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	39.65	39.82	40.93	39.78	39.66	40.54	40.06	13.4	13.5	21	19.4	17.1	16.2	16.8	24.3	12.7	94	86	56	80	89	84	81.5	-----
2	39.81	39.88	40.86	39.43	39.57	40.48	40	15.3	14.9	22.1	20.3	17.6	15.5	17.6	24.9	13.9	85	79	60	79	89	97	81.5	4.3
3	39.39	39.20	39.83	38.89	38.39	38.87	39.10	14.9	14.2	21.1	20	17	14.9	17	22.4	14	99	94	68	75	88	89	85.5	-----
4	37.64	37.51	38.84	37.30	37.21	37.91	37.74	13.9	13	20.9	23.7	18.4	16	17.6	24.8	12.6	89	79	57	51	69	83	71.3	-----
5	36.70	36.59	37.66	36.40	36.55	36.97	36.81	15	15.2	23.3	21.6	19	16.9	18.5	27	14.5	89	82	45	65	86	95	77	-----
6	35.81	35.93	37.73	35.96	36.51	37.36	36.55	16.3	16.4	22	24.8	19.5	18.2	19.5	27	15.4	95	88	63	60	88	92	81	-----
7	36.22	36.46	37.76	36.34	36.63	37.67	36.85	16	15.9	18.3	21.2	18.6	17.6	17.9	23.8	15.6	100	97	88	81	92	97	92.5	2.3
8	36.86	36.72	37.76	36.48	36.72	37.80	37.06	16.9	16.5	24.4	24.3	19.4	18.1	19.9	26.5	16	93	90	50	68	92	96	81.5	-----
9	36.88	36.80	37.95	36.82	36.74	37.62	37.14	16.8	15.9	22.8	22.2	18.6	17.7	19	26.2	15.4	98	98	70	76	93	95	88.3	-----
10	36.69	36.96	38.39	37.24	36.79	37.33	37.23	16.8	16.5	20.8	21.8	18.5	17.9	18.7	25.2	14.8	98	94	79	72	93	86	87	-----
11	36.48	36.62	37.69	36.70	36.61	37.43	36.92	16.6	16	21.6	23.4	18	17.6	18.9	25.3	15.5	91	82	72	70	93	87	82.5	-----
12	36.66	37.06	38.36	37.60	37.43	38.40	37.58	16	15	22.7	20.4	17.8	17.7	18.3	25.1	14.6	98	97	62	74	94	88	85.5	-----
13	37.36	37.72	39.22	37.88	37.78	38.92	38.15	16.6	15.2	21.8	24.1	18	16.9	18.8	25.1	15	94	97	55	65	92	86	81.5	-----
14	37.75	38.37	39.49	38.07	37.95	39.25	38.48	16.1	15.3	22.4	21.7	18.2	17.3	18.5	25.4	14.7	94	88	58	74	93	95	83.7	-----
15	38.28	38.90	39.97	38.74	38.48	38.77	38.86	16.6	15.6	19.5	19	17.7	16.1	17.4	22.1	14.8	94	93	76	82	92	93	88.3	4.6
16	38.03	38	39.23	37.95	38.19	39.49	38.48	14.6	14.5	20.9	19.8	18	15.9	17.3	24.8	14	97	83	54	81	84	93	82	-----
17	38.55	39.21	40.47	39.62	39.85	40.68	39.73	14.9	14.4	19.5	19.9	18	16.8	17.2	23.3	13.8	96	93	78	78	89	92	87.7	-----
18	40.11	40.49	41.58	39.92	40.26	41.20	40.59	16.1	16.5	22	20.2	17.5	16.3	18.1	23.8	14.7	89	79	71	81	97	99	86	2
19	40.13	40.17	41.05	39.18	38.83	39.25	39.77	16.2	14.9	19	18.9	18.9	16.5	17.4	23.5	14.5	93	89	79	81	81	94	86.2	2.3
20	37.89	38.02	39.15	37.21	36.92	37.33	37.75	15.5	15.5	20.4	21.8	17.4	17	17.9	24.7	15	100	97	74	70	94	92	87.8	-----
21	36.30	36.91	38.33	36.99	36.73	37.45	37.12	15.7	15	19.5	21.3	17.4	16.9	17.6	24.1	14.6	100	93	79	76	94	90	88.7	-----
22	36.56	37.08	38.69	37.10	37.11	37.99	37.42	15.4	14.9	21	22.2	18.5	17.1	18.2	25.4	14.5	97	93	69	71	89	85	84	-----
23	37.02	37.30	38.64	37.31	37.20	37.92	37.56	16	14.9	23	21	19	16.9	18.5	25.3	14.5	85	88	61	76	86	91	81.2	-----
24	37.05	37.48	39.34	37.66	37.47	38.45	37.91	15.7	15.5	20.5	25.4	20.1	17	19	26.3	14.5	90	80	51	49	70	82	70.3	-----
25	37.55	37.90	39.36	37.93	37.55	38.23	38.09	16.1	14.7	23.5	19.9	18.1	17.1	18.2	25.8	14.4	83	86	40	78	84	89	76.7	-----
26	37.13	37.51	38.73	37.53	37.39	38.34	37.77	15.4	14.9	18.9	22	19.4	16.2	17.8	23.4	14.5	97	93	77	65	77	82	81.8	-----
27	37.40	37.75	38.74	37.36	37.18	38.20	37.77	14.5	13.1	21.5	21.5	18.6	15.9	17.5	24.6	12.7	80	77	53	68	75	84	72.8	-----
28	37.41	38.03	39.14	37.75	37.84	38.77	38.16	14.4	14.7	22.3	24.5	20.5	18	19.1	25.8	13.4	77	61	41	45	44	58	54.3	-----
29	38.10	38.49	39.47	37.93	37.82	38.57	38.40	16.9	16.6	22.5	25.4	19	18	19.7	26	15	70	73	61	56	80	81	70.2	-----
30	37.91	37.76	38.69	37.30	37.14	37.58	37.73	16.3	15.4	21.9	22	19	17.9	18.8	26	14.8	92	93	66	74	89	94	84.7	-----
31	37.06	36.85	37.47	36.27	36.12	36.84	36.77	17.1	15.6	22.9	21.6	19	18	19	25.8	15.3	97	96	64	78	91	92	86.3	-----
Mean	37.63	37.85	39.05	37.70	37.63	38.44	38.05	15.7	15.2	21.4	21.8	18.4	17	18.2	25	14.5	92.1	87.7	63.8	70.9	86	89.1	81.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	SW	SW	SW	SE	58.9	85.3	130.7	39.7	314.6	1	Ci.	S.-Cu.	7	Ci.	Cu. S
2	NW	NE	WSW	WSW	NNW	E	34	69	106.5	53.9	263.4	0	-----	S.-Cu.	8	-----	Cu. SSE
3	E	ENE	SW	SW	SW	SE	100.3	81.1	123.1	43.3	347.8	0	Ci.	-----	9	-----	Cu.-N.SW
4	E	NE	SW	SW	SW	SE	84.7	78.3	145.4	78.3	386.7	0	-----	-----	4	-----	Cu.
5	E	E	SSE	W	SW	SE	132.3	105.7	145.3	124.5	507.8	0	-----	-----	6	-----	Cu. WNW
6	SE	ENE	SE	SW	WSW	SE	188	142.6	135.7	69.2	535.5	1	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
7	E	E	SW	SW	NE	NE	109.2	70.8	114.1	32.5	326.6	1	Ci.	Cu.-N.	9	-----	Cu.
8	SE	ENE	E	WSW	SW	SE	84.5	120.9	151	49.3	405.7	4	A.-Cu. SW	S.-Cu.	9	-----	Cu.-N. S
9	E	NE	SW	SW	SW	Calm	72.9	81.8	139	34.1	327.8	9	-----	S. ENE	9	-----	Cu. WSW
10	Calm	NE	SW	SW	SW	E	40	63.1	117.5	57.9	278.5	10	-----	S.-Cu. E	9	Ci.-S.	Cu.-N. sw
11	E	NNE	SW	SW	SW	Calm	69.2	69.4	-----	27.1	-----	0	-----	S.-Cu.	9	-----	Cu.-N.
12	E	NE	SW	WSW	SW	SE	39.1	76.4	122.6	39.1	277.2	0	-----	Cu.	10	-----	Cu.-N.SW
13	Calm	S	SW	SW	SW	E	22.7	77.9	132.5	41	274.1	1	-----	Cu.-N.	7	-----	Cu.-N.
14	SE	E	SW	W	Calm	Calm	30.6	77.7	117	27.7	253	8	-----	S.-Cu.ENE	10	-----	Cu.-N.
15	Calm	Calm	SW	SW	SW	SE	20.9	50.2	-----	57.7	-----	7	-----	S.-Cu.	10	-----	N. W
16	E	ENE	E	WSW	SW	Calm	126.3	111.2	143.7	53.9	435.1	0	-----	S.-Cu.	10	-----	Cu.-N.SW
17	NW	NE	SW	SW	SSW	E	64.9	75.3	118	80.7	338.9	0	Ci.	S.-Cu.	10	-----	Cu.-N.
18	NE	E	SE	WSW	Calm	E	60.7	71	92.5	30.9	255.1	0	-----	Cu.	10	-----	Cu.-N.
19	Calm	ENE	SW	WSW	SW	SE	45.9	98	113.5	69.4	326.8	1	Ci.	S.-Cu.	10	-----	Cu.-N.
20	SE	Calm	SW	SW	SW	SE	27.4	63.1	123.7	71.3	285.5	10	-----	Cu.-N. S	9	-----	Cu.-N.SSW
21	SE	E	SW	SW	SW	S	63.6	80.8	111	66.6	322	1	Ci.	Cu.-N.	9	-----	Cu.
22	SE	E	SW	SW	Calm	SE	67.9	96	126.5	73.4	363.8	7	Ci.	Cu.	9	-----	Cu.-N.SW
23	SE	ENE	SW	SW	SW	SE	100.8	98.5	133.4	56.6	389.3	0	Ci.	Cu.-N.	9	-----	Cu.
24	SE	ENE	SE	WSW	Calm	SE	71.9	90.3	138.7	33.2	334.1	0	-----	Cu.	3	-----	Cu.
25	SE	Calm	SE	SW	WSW	Calm	40.8	81.5	135.2	24.9	282.4	0	-----	Cu.-N.	9	-----	Cu.-N. W
26	NE	NE	SW	SW	Calm	SE	55.5	86.1	123.1	76.6	341.3	1	-----	Cu.	6	-----	Cu. SW
27	E	N	SW	WSW	ESE	SE	80.3	81.3	120.5	90.6	372.7	0	Ci.	Cu.	9	-----	Cu.
28	SE	SE	SSW	SW	SW	SE	80.2	79.7	132.8	108.1	400.8	0	-----	-----	0	-----	Cu.
29	SE	E	W	SW	WSW	Calm	153.2	103.8	141.9	23.1	422	0	Ci.	-----	7	-----	Cu.
30	W	Calm	SW	SW	WSW	NE	36.8	69.7	109.9	35.6	252	0	-----	Cu.	10	-----	Cu.-N.
31	Calm	NNE	SW	SW	Calm	SE	28.4	84.8	122.1	61	296.3	0	-----	-----	8	-----	Cu.
Mean	-----	-----	-----	-----	-----	-----	70.7	84.6	126.4	55.8	342	2	-----	-----	8.1	-----	-----

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.05	36.42	37.96	36.73	36.80	37.40	36.89	16.6	15.4	23.6	24.4	19.5	17.6	19.5	26.2	14.7	95	95	34	55	88	93	76.7	------
2	36.89	37.19	38.47	37.49	37.87	38.90	37.80	16.1	15.4	22.7	22.9	18.8	17.8	19	25.8	14.6	95	93	65	69	86	82	81.7	------
3	37.55	37.43	39.36	38.05	38.12	39.20	38.28	16.9	16.7	22.6	26	20.1	18.5	20.1	27.4	15.2	77	73	60	48	74	76	68	------
4	37.51	38	38.90	37.58	37.76	38.80	38.09	16.4	17	24.6	22.1	15.9	17.5	18.9	26.7	15.6	87	80	51	80	92	78	78	8.9
5	38.02	38.09	39.18	37.71	38.20	38.62	38.30	16.9	16.5	23	17.3	18	17	18.1	24.9	16	80	83	63	92	76	84	79.7	34.8
6	37.39	37.22	38.80	36.76	37.42	38.34	37.66	16.8	16.2	21.5	18.9	16.9	16.3	17.8	24.2	15.8	81	80	74	93	92	93	85.5	3.9
7	37.56	37.48	38.76	36.83	36.90	38	37.59	16	15.8	21.2	20.1	18	17.1	18	24.6	15.3	94	96	75	91	98	100	92.3	1.8
8	37.30	37.80	38.94	37.79	38.31	39.39	38.26	16.2	16.1	20.8	19.6?	17.7	16.9	17.9	25.4	15.5	100	92	73	91?	84	87	87.8	14
9	38.45	38.83	40.17	38.76	39.03	40.30	39.26	15.9	15.7	21.4	19.4	17.9	16.6	17.8	24.3	15.2	90	89	78	90	89	93	88.2	9.7
10	39.17	38.79	39.88	38.78	38.69	39.22	39.09	15.2	15.4	21.8	19	16.5	16.1	17.3	22.9	14.7	100	96	81	89	95	89	91.7	7.4
11	37.76	37.98	38.90	37.15	36.78	37.40	37.66	15.9	15.4	20.8	22.5	17.9	16.6	18.2	24.7	14.7	89	90	73	72	90	89	83.8	------
12	36.57	37.03	37.93	36.99	36.97	37.45	37.16	15.7	15.6	22.2	18.2	17	15.7	17.4	24.9	14.8	97	92	68	90	90	92	88.2	8.4
13	36.62	36.80	38.05	37.07	36.91	38.07	37.25	15.5	15.5	21	21.8	18.2	16.4	18.1	25.2	14.5	89	84	72	73	92	100	85	------
14	37.42	37.48	38.67	37.75	37.74	38.89	37.99	15.4	15.4	21.7	24.6	18.4	17.4	18.8	25.9	14.4	100	90	68	63	92	91	84	------
15	38.25	38.20	39.47	38.53	38.33	39.19	38.66	16.6	16.2	21.9	24.5	19.2	17	19.2	25.5	14.8	94	87	65	65	86	97	82.3	------
16	38.54	38.50	39.18	37.53	37.28	38.08	38.18	15.7	15.9	22.6	25	18.9	16.6	19.1	25.8	15.1	100	89	59	63	89	97	82.8	------
17	37.19	37.20	38.09	36.55	36.68	37.60	37.22	16.5	16.1	22.1	24.4	18.9	16.9	19.2	25.8	14.7	81	76	56	63	88	98	77	------
18	36.83	37.06	38.40	36.94	37.53	38.71	37.58	16.8	16.4	20.2	22.1	18.4	17.7	18.6	25.3	16	90	90	70	75	95	91	85.2	12.4
19	37.48	37.76	39.18	37.44	37.88	39.10	38.14	17.1	16.9	23.8	22.7	19.5	18.2	19.7	24.9	16	93	89	60	82	88	96	84.7	------
20	38.55	39.09	40.28	39.15	39.54	40.62	39.54	16.9	16.4	23.2	22	20.1	18.7	19.6	25.1	15.7	100	98	73	86	96	98	91.8	5.6
21	39.95	39.93	40.78	39.25	39.63	40.29	39.97	18.5	18.6	25.6	22.9	19.8	18.9	20.7	27.6	17.2	91	86	59	84	90	90	83.3	------
22	39.03	38.84	39.28	38.05	38.42	38.91	38.76	17.4	17.3	23.6	25.1	20.9	18.1	20.4	25.9	16.1	94	75	65	67	81	92	79	------
23	37.89	37.88	38.93	37.65	37.78	38.76	38.15	17.6	18.3	25.1	22	19.4	18.1	20.1	26	17	87	73	49	81	88	91	78.2	1.3
24	37.85	37.68	39.04	37.96	38.23	39.10	38.31	17.3	17.3	23.2	24.1	20.2	18.6	20.1	26.8	16.3	92	88	68	75	88	95	84.3	1.8
25	37.81	37.80	39.10	37.74	37.89	38.68	38.17	18	17.1	22.9	23.5	20.7	18.2	20.1	26	16.2	98	96	74	76	82	97	87.2	------
26	37.96	38.35	39.29	37.83	37.90	38.58	38.32	17.1	16.5	24.6	26.6	20.6	18.4	20.6	27.6	16.2	100	98	50	32	88	97	77.5	------
27	38.10	38.09	39.07	38	37.37	38.50	38.19	17	16.3	23.4	25	19.6	18.7	20	26.8	15	97	94	63	57	78	82	78.5	------
28	37.93	37.91	38.13	36.88	37.03	37.66	37.59	17.4	16.4	21.8	23.2	18.9	18.7	19.4	26.8	16	91	88	71	73	79	78	80	------
29	36.88	36.86	37.58	36.52	36.72	37.39	36.99	17.2	17.2	23.9	22.8	20.2	17.8	19.8	26.1	16	89	89	61	74	86	91	81.7	.5
30	36.76	37.38	38.04	37.07	37.37	38.38	37.50	17	16.7	22.2	23.9	19.4	17.4	19.4	25.9	15.7	93	87	74	66	83	89	82	7.1
Mean	37.71	37.84	38.93	37.62	37.77	38.05	38.08	16.7	16.4	22.6	22.6	18.8	17.5	19.1	25.7	15.5	92.1	87.9	65.1	73.8	87.4	90.9	82.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	117.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ENE	E	WSW	Calm	SE	93.6	77	136	67.1	373.7	4	------------	Cu.	4	------------	Cu.
2	E	NNE	WSW	SW	Calm	SE	70.3	86.1	131.5	62	349.9	0	------------	------------	7	------------	Cu. WSW
3	E	ENE	SW	SW	Calm	SE	70	78.6	134.4	37.5	320.5	0	------------	------------	2	------------	Cu. SSW
4	E	NNE	SW	SW	E	E	86.4	96	149.5	63.6	395.5	0	------------	------------	10	------------	Cu.-N.
5	NW	NNE	E	NE	ESE	E	50.1	68.4	77	110.5	306	1	Ci.	Cu.-N.	10	------------	N.
6	NW	ENE	SW	SW	ENE	E	40.5	75	90.9	61.2	267.6	0	Ci.	S.-Cu.	10	------------	N.
7	W	NE	W	WSW	Calm	SE	66	84.3	93	73.2	316.5	5	A.-Cu.	S.-Cu.	10	------------	N.
8	E	ESE	SW	SSE	Calm	E	76.4	81.9	57.3	67.4	283	0	Ci.	Cu.	5	Ci.	Cu.-N.
9	E	ENE	SSW	SW	ENE	W	120.9	104.1	86.7	55.7	367.4	4	Ci.	S.-Cu. SE	10	------------	N.
10	W	E	WSW	WSW	E	E	72.6	56.6	76.1	61	266.3	0	Ci.	Cu.-N.	9	A.-Cu.	Cu.-N. W
11	NW	Calm	W	SW	SW	E	29.6	78.1	148.1	54.2	310	1	Ci.	Cu.	9	------------	cu.-N.WSW
12	Calm	ESE	SW	NNE	NNW	SE	27.9	76.6	131.7	72.9	309.1	1	------------	S.-Cu.	10	------------	N.
13	S	Calm	WSW	W	SW	Calm	25.5	78.4	137.8	46.4	288.1	0	------------	Cu.	9	------------	Cu. WSW
14	SE	Calm	SW	SW	WSW	W	41.2	76.2	156.4	43.7	317.5	0	Ci.	Cu.	9	------------	Cu. W
15	Calm	NE	WSW	WSW	SW	Calm	34.9	80.7	133.1	31.2	279.9	0	Ci.	Cu.	9	------------	cu.-N.WSW
16	N	NNE	SW	W	WSW	N	34.4	92.5	151.3	77.5	355.7	0	Ci.	------------	7	------------	Cu.-N.NW
17	W	W	WSW	SW	SW	NE	67	77.9	140.3	45.1	330.3	0	------------	Cu.	9	------------	cu.-N.WSW
18	SE	E	SW	W	SSW	E	85.8	89.6	118.5	41.3	335.2	7	Ci.	S.-Cu.	9	------------	Cu.-N. S
19	SW	ESE	SSE	WSW	Calm	S	72.2	63.8	105.7	40.8	282.5	0	Ci.	Cu.	9	------------	Cu.-N.
20	Calm	NE	SW	W	Calm	E	47.3	72.9	93.6	39.4	253.2	0	------------	------------	9	------------	N.
21	N	E	NE	SW	ENE	SE	52	95	101.1	85.8	333.9	1	Ci.	Cu.	10	------------	------------
22	E	NNE	SW	WSW	WSW	SE	82.6	74.5	135.7	64.9	357.7	3	Ci.	------------	5	Ci.	Cu. NE
23	SE	E	S	SW	NE	E	136.6	136.2	118.8	69.7	461.3	1	Ci.	Cu.	10	------------	------------
24	E	NE	SW	SW	Calm	SE	57.4	67.9	128.2	58.4	311.9	0	Ci.	Cu.	10	------------	cu.-N.WSW
25	SE	NE	SW	SW	Calm	SE	42	62.6	133.8	91.5	329.9	0	------------	Cu.	8	------------	Cu. S
26	E	E	SE	NNE	SW	SE	80.8	97.9	108.1	46.5	333.3	0	Ci.	Cu.	0	Ci.	Cu.
27	Calm	SE	WSW	WSW	SW	SE	32	69.5	151.3	47.8	300.6	2	Ci.	Cu.	4	------------	Cu. SE
28	Calm	N	WSW	WSW	ENE	E	25.2	70.2	138.4	93.8	327.6	0	Ci.	Cu.	10	------------	Cu.-N.
29	SE	NE	WSW	WSW	WSW	SE	74.6	77.7	127.7	59.5	339.5	2	Ci.	Cu.	9	------------	Cu.-N.
30	Calm	N	WSW	SW	W	SE	48.6	82.7	126.5	59.5	317.3	0	Ci.	Cu.	8	------------	Cu.-N.
Mean	------	------	------	------	------	------	61.5	81	120.6	61	324	1.1	------------	------------	8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,720.9	----	------------	------------	----	------------	------------

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.64	37.78	38.67	37.40	37.24	38.42	37.86	17.2	17.2	23.9	23.6	19.9	17.3	19.8	26.6	15.6	83	78	58	57	90	100	77.7	------
2	38	38.48	39.38	38.24	38.31	39.06	38.58	17	16.5	20.7	21.5	18.5	17.7	18.6	24.9	15.6	95	90	82	78	89	90	87.3	------
3	38.36	38.26	39.33	37.57	37.74	38.61	38.31	17.4	16.7	21.9	24.9	20	18.2	19.8	25.4	16.1	89	92	60	66	91	94	82	------
4	37.48	37.60	38.47	36.98	36.98	37.20	37.45	17.3	16.8	24.5	22.9	18.7	17.9	19.7	26.3	16	92	79	62	64	86	82	77.5	------
5	36.13	36.25	37.40	35.47	35.47	37.05	36.30	17.1	16.6	24.5	23.5	19.4	17.3	19.7	26.5	15.5	84	76	44	65	91	97	76.2	5.3
6	36.23	36.60	37.50	36.04	36.61	37.71	36.78	16.8	16.5	24.3	23	19	17.4	19.5	25.5	16.2	99	92	54	79	84	90	83	1.3
7	36.53	36.93	38.32	37.15	37.52	38.67	37.52	17.3	17.1	21.9	25.4	19.8	18.4	20	26.2	15.4	91	93	75	67	87	95	84.7	------
8	37.43	37.28	38.45	37.07	36.69	37.64	37.43	17.5	17.4	24.6	19.2	19.8	18.7	19.5	25.9	16.2	100	95	66	82	87	88	86.3	14
9	36.41	36.31	37.09	35.65	35.02	36.07	36.09	17.9	17.4	21.6	24.8	19.5	18	19.9	25.5	16.4	88	88	80	73	95	100	87.3	10.2
10	35.22	35.06	35.95	34.54	34.43	35.46	35.11	17.8	16.9	20.4	22.5	17.5	16.4	18.6	24.7	16.2	95	93	90	82	93	100	92.2	26.7
11	35.27	35.40	36.40	35.55	36.06	37.46	36.02	16.9	17.5	22.5	24.3	20.8	18.3	20	25.9	16.5	94	87	72	76	84	92	84.2	------
12	36.69	36.78	37.57	36.98	37.04	38.21	37.21	17.4	18.2	23.6	24.8	20.5	19	20.6	26.8	16.5	91	77	67	76	83	92	81	5.8
13	36.85	37.12	38.28	37.41	37.05	38.55	37.54	18.2	18.4	21.8	23.4	18.9	18.8	19.9	25.3	17	92	86	75	81	85	86	84.2	1.8
14	37.55	37.35	38.26	37.50	37.93	38.72	37.88	17.6	17.5	24.2	20.7	18.5	18.3	19.5	24.8	16.2	92	85	64	88	96	88	85.5	5.4
15	37.70	37.71	38.47	37.55	37.27	37.77	37.74	17.1	17.9	21.8	21.9	19.3	19.1	19.5	24.4	16.5	93	82	81	84	89	88	86.2	------
16	37.08	37.38	38.24	36.93	36.83	37.67	37.36	18.2	17.4	21.7	21.3	17.5	17.6	19	24.8	15.7	96	97	82	86	97	92	91.7	30.7
17	37.27	37.36	38.19	36.63	37.11	37.84	37.40	17.2	17.4	20.9	20.8	17	18.6	18.6	23.8	15.7	95	93	85	93	93	79	89.7	23.6
18	37.06	37.18	38.27	36.83	36.99	38.09	37.40	17.1	16.9	22.8	22.9	17	18	19.1	25.7	15.8	94	90	63	77	98	90	85.3	44.4
19	36.79	37.09	38.03	36.10	36.29	37.46	36.96	17.6	17.3	21.6	22.4	17.5	17.4	19	25	15.8	94	96	75	84	98	99	91	52.3
20	36.39	36.75	37.75	36.59	36.84	37.12	37.02	17.7	17.9	25.4	20.9	18.5	17.8	19.7	26.2	15.7	94	88	60	86	94	97	86.5	1
21	36.87	37.34	38.20	37.35	37.56	39.19	37.75	17.3	17.4	20.8	21.4	17.9	17.5	18.7	23.6	16.6	99	96	91	88	92	94	93.3	37.3
22	38.69	38.65	39.43	37.94	38.21	39.67	38.76	17.8	16.9	22.2	23.9	17.5	17.9	19.4	26.2	16.4?	92	97	79	81	88	86	87.2	6.7
23	38.05	38.21	38.99	37.66	37.20	38.12	38.04	17.5	18.4	22.4	20.9	18.3	17.1	19.1	24	16.4	93	89	79	90	94	100	90.8	7.6
24	37.43	37.35	38.08	36.65	36.83	37.56	37.32	17.2	17.4	21.2	20.9	16.9	18.4	18.7	25.2	15.7	90	86	78	92	98	80	87.3	17
25	36.83	36.51	37.74	36.87	36.76	38.14	37.14	17.2	17.9	21.9	22	19.5	18.5	19.5	24.4	16.3	92	87	81	86	88	96	88.3	5.6
26	37.31	37.49	38.34	36.59	36.73	37.50	37.33	17.4	18	21.4	19.7	17.8	17.5	18.6	24.5	16.8	100	96	84	96	93	93	93.7	24.4
27	36.37	36.24	36.57	35.42	35.33	35.71	35.94	17.7	17.7	22	23	18.3	17.9	19.4	24.3	16.5	88	87	82	78	94	98	87.8	16.2
28	34.64	34.71	35.55	33.89	33.65	34.96	34.57	17.5	17.5	22.4	22.5	18.9	18.6	19.6	24.3	16.6	100	98	75	84	96	94	91.2	5.1
29	34.17	34.38	34.81	33.62	33.50	35.04	34.25	17.9	17.9	21.4	23.6	19.4	17.7	19.6	24.3	16.4	96	92	85	83	94	100	91.7	16.8
30	34.48	34.68	34.92	33.74	33.72	35.20	34.46	17.5	17.2	24.4	22	18.9	17.9	19.6	25	17	100	97	72	90	89	98	91	11.9
31	34.13	34.14	34.09	32.48	32.28	33.01	33.36	17.7	17.6	22.1	22.5	18.2	17.8	19.3	24.8	17	99	96	84	84	97	100	93.3	65.1
Mean	36.68	36.79	37.64	36.34	36.36	37.41	36.87	17.5	17.4	22.5	22.5	18.7	18	19.4	25.2	16.2	93.5	89.6	73.7	80.5	91.4	92.8	86.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	436.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SE	ENE	WSW	SW	W	SE	68.7	61.7	131.5	37.2	299.1	0	Ci.	Cu.	5	Ci.	Cu.
2	Calm	Calm	SW	WSW	WSW	E	60.9	68.4	125.3	46.4	301	0	Ci.	Cu.	10	------------	Cu.-N.
3	SE	E	ESE	SW	SW	SE	69.4	94.1	117.7	67.1	348.3	3	Ci.	Cu.	8	------------	Cu.-N.
4	E	E	SW	WSW	N	SE	105.4	83.4	149.9	104.3	443	0	Ci.	Cu.	10	------------	Cu.-N.
5	SE	E	E	SW	SW	E	117.7	95	126.9	77.9	417.5	0	Ci.	Cu.	8	Ci.	Cu.-N. NW
6	E	E	SW	WSW	WSW	E	61.8	72.9	119.1	83.9	337.7	0	A.-Cu.	Cu.	10	------------	Cu.-N. W
7	SE	NE	SW	WSW	SW	SE	58.9	74	113.5	44.3	290.7	4	Ci.	Cu.	8	------------	Cu.-N. SW
8	E	N	SW	WSW	WSW	SE	67.3	79.4	69.5	73.4	289.6	0	Ci.	Cu.	9	------------	N.
9	SE	E	SW	WSW	W	SE	69.8	53.6	90.9	76.2	290.5	0	Ci.	Cu.	9	------------	Cu.-N. NW
10	E	NE	SW	WSW	N	E	58.4	58.9	92	87.5	296.8	0	Ci.	Cu.	9	------------	Cu.-N. SW
11	E	E	SW	SW	ESE	E	79.5	83.4	126.9	70.3	360.1	8	Ci. NE	Cu.-N.WSW	9	Ci.	Cu.-N.WSW
12	SW	E	WSW	WSW	Calm	Calm	58.2	66.3	109.2	33	266.7	0	Ci.	Cu.	10	------------	Cu.-N. W
13	E	ENE	WSW	WSW	ENE	E	46.5	69	108.6	87.1	311.2	0	------------	Cu.	10	------------	N.
14	E	ENE	WSW	SW	N	SE	72.9	62.3	92.7	74.8	302.7	0	Ci.	Cu.	10	------------	N.
15	E	E	SW	WSW	NE	SE	108.8	95.8	96.1	69.5	370.2	1	Ci.-S.	Cu.	9	------------	Cu.-N. W
16	Calm	ENE	SW	SW	SW	S	42.1	63.1	109.6	69	283.8	0	Ci.	Cu.	10	------------	Cu.-N.
17	E	E	E	WSW	NE	SE	61.8	56.5	95.2	114.5	328	2	Ci.	Cu.	9	------------	Cu.-N.
18	SE	E	ESE	W	N	E	159.6	100	119.3	57.6	436.5	1	Ci.-S.	Cu.	9	------------	Cu.-N.WSW
19	SE	ENE	ESE	SW	NE	NE	70.2	81.6	121.3	63.4	336.5	2	Ci.-S.	Cu.	10	------------	Cu.-N. S
20	E	ESE	ENE	SW	NNW	Calm	96.4	80.8	73.4	47.3	297.9	1	A.-Cu.	Cu.	10	------------	N.
21	E	NE	SW	WSW	NE	E	37.8	62.6	91.1	46.7	238.2	7	Ci.	S.-Cu.	10	------------	Cu.-N.
22	Calm	E	SW	SW	W	W	51.7	79.7	94.8	49.9	276.1	1	Ci.	Cu. ENE	9	------------	Cu.-N.WSW
23	SE	NE	WSW	WSW	NE	NE	82.1	79.1	112.7	77.5	351.4	3	A.-Cu.	Cu.	10	------------	Cu.-N.
24	NE	E	SW	WSW	ENE	SE	61.8	66.3	116.5	76.4	321	0	------------	Cu.	10	------------	N.
25	NE	NE	SW	W	Calm	SE	53.9	78.7	73.5	55.8	261.9	8	A.-Cu. NW	S.-Cu.	9	------------	Cu.-N.WbyN
26	SE	NNE	SW	WSW	N	E	52.9	73.8	94.3	72.2	293.2	1	Ci.	Cu.	10	------------	N.
27	SE	Calm	SW	WSW	W	Calm	55.5	76.6	130.6	35.6	298.3	2	Ci.	Cu.	10	------------	Cu.-N.WNW
28	NW	Calm	SW	WSW	NW	SE	25.9	70.5	120.5	51.2	268.1	0	Ci.	Cu.	9	------------	Cu.-N. W
29	Calm	NE	SW	SW	WSW	W	35.4	70.2	87.4	49.6	242.6	8	Ci.	Cu.-N.	9	------------	Cu.-N.
30	SE	ENE	W	SW	W	W	46.2	54.9	90.3	75.3	266.7	1	Ci.	Cu.	10	------------	Cu.
31	NE	NE	W	W	WNW	W	36.4	75.1	122.3	138.1	371.9	10	------------	Cu.-N.	10	------------	Cu.-N.
Mean	------	------	------	------	------	------	66.9	73.8	107.2	68.2	316	2	------------	------------	9.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,797.2	----	------------	------------	----	------------	------------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	31.82	31.39	32.07	31.81	31.81	33.39	32.05	18	17.9	18.4	17.9	17.9	17.7	18	18.9	17.1	100	100	99	99	99	99	99.3	186.9
2	32.55	32.72	33.73	33.01	32.71	34.09	33.14	17.8	17.4	19	19.4	18.2	16.7	18.1	20.9	16.6	96	99	93	94	98	100	96.7	6.3
3	33.47	33.65	34.66	33.64	33.89	35.54	34.14	16.7	16.4	19.2	20.3	16.9	16.9	17.7	22.9	15.2	99	87	88	88	99	96	92.8	10.7
4	34.60	34.64	35.45	34.14	33.93	34.83	34.60	16	16.1	16.5	16.4	16.4	16.6	16.3	17.2	15.5	90	93	95	94	95	96	93.8	55.2
5	34.02	34.82	36.54	35.74	35.82	37.70	35.77	16.8	16.8	17	17	16.9	16.8	16.9	17.8	16.2	96	97	98	98	91	93	95.5	34.2
6	36.90	37.36	38.21	37.34	37.83	39.01	37.78	16.6	16.5	18.8	20.5	18	16.3	17.8	22.1	15.3	95	99	83	90	98	98	93.8	7.9
7	37.87	37.65	38.79	37.64	37.34	38.21	37.92	16.5	17.2	22	22.3	19.9	18.5	19.4	24.6	15.8	96	86	70	80	87	87	84.3	-----
8	37.18	37	37.98	37.12	36.88	37.42	37.26	18.3	17.9	22.9	24.7	19.6	18.2	20.3	25.6	16.9	85	88	79	72	87	96	84.5	-----
9	36.96	37.20	38.01	37.28	37.28	37.58	37.38	17.9	18.4	25	23.7	18.8	17.8	20.3	25.6	16.6	96	84	48	81	90	90	81.5	1.3
10	36.89	36.69	38	37.60	37.70	38.71	37.60	18.4	17.5	22.5	23.6	19.3	17.7	19.8	25	16.5	82	89	77	76	81	89	82.3	-----
11	37.83	37.54	38.15	37.42	37.38	37.72	37.67	17.7	17.5	25.2	24.6	19	18.4	20.4	25.3	16.4	91	93	45	70	89	90	79.7	-----
12	36.93	36.80	37.94	36.58	36.43	37.21	36.99	18.2	17.9	20.5	24.4	18.6	17.4	19.5	25.4	16.9	90	86	85	69	97	100	87.8	-----
13	36.64	36.79	37.22	36.21	36.41	37.31	36.76	17.5	17.5	24	23.2	17.4	17.5	19.5	25.7	16.2	99	93	60	79	79	85	82.5	2.8
14	36.71	36.71	37.88	36.79	36.92	37.65	37.11	17.5	17.7	23	19.4	16.5	18.3	18.7	24.6	16	88	88	64	93	93	77	83.8	1.5
15	36.77	37.10	37.70	36.78	36.75	37.17	37.04	17.6	17.5	23	24.1	19.5	18.2	20	25	16.6	83	83	73	77	88	93	82.8	-----
16	36.49	36.51	37.37	35.76	35.47	36.65	36.38	17.2	18.1	21.5	22.4	19.6	-----	19.8	24.9	16.3	94	77	74	82	88	-----	83	3
17	35.72	36.20	36.57	36	36.28	37.06	36.30	-----	17.3	23	20.7	18.4	18.1	19.5	26	15.4	-----	85	66	92	91	94	85.6	1.3
18	36.26	36.14	36.34	35.24	35.12	35.54	35.77	17.7	18.5	25.4	22.4	19.4	17.2	20.1	26	16.1	98	89	50	85	85	92	83.2	4.6
19	34.52	33.79	32.86	30.80	29.18	30.50	31.94	17.3	16.4	19.3	17.5	17.1	16.9	17.4	19.6	16.1	87	90	79	98	97	92	90.5	105.6
20	31.17	32.78	34.09	34.20	34.47	35.48	33.70	15.1	12.4	16.6	20.3	17.3	16.3	16.3	21.5	11.8	95	95	67	66	90	98	85.2	1.3
21	35.38	36.09	36.94	36.36	36.45	37.39	36.44	16.5	16.4	17.6	18.4	18	16.8	17.3	19.2	16	97	99	94	87	98	100	95.8	1.6
22	36.56	36.79	37.29	36.29	36.54	37.99	36.91	17	16.9	19.7	23.6	16.9	16.9	18.5	24.8	16.1	99	95	82	74	91	91	88.7	19.3
23	36.54	36.70	37.28	36.76	36.58	37.46	36.89	17.1	17	20.4	23.8	19.1	17.5	19.2	24.8	16.3	89	86	63	48	88	95	78.2	.8
24	36.72	36.50	36.61	35.83	35.54	36.51	36.28	17.2	17.2	20.5	22.3	19	17.4	18.9	23.2	16.4	93	89	77	71	92	100	87	-----
25	36.26	35.93	36.20	35.82	35.59	36.82	36.10	17.1	17.9	21.5	22.4	18.9	17	19.1	23.8	16.1	96	80	81	73	93	100	87.2	-----
26	36.39	36.17	36.64	35.65	35.58	36.48	36.15	16.3	16.7	21.7	21.8	19.4	18.1	19	25.7	15.2	100	93	80	86	88	95	90.3	3.8
27	35.52	35.57	35.53	34.70	34.21	35.01	35.09	17.1	16.4	19.6	22	18.2	17.3	18.4	22.9	15.9	99	93	92	85	93	93	92.5	-----
28	34.10	33.70	34.06	32.98	33.29	33.99	33.69	17.1	16.4	20.5	22	18.4	16.8	18.5	24.4	15.8	92	88	83	79	90	90	87	-----
29	33.28	33.18	34.12	33.48	33.75	34.15	33.66	15.9	16.2	21.2	20.6	18.7	17.3	18.3	23.2	14.7	95	80	72	76	79	82	80.7	-----
30	33.46	33.91	34.16	33.20	33.61	34.37	33.78	16.7	16	22	18.9	18	17.1	18.1	23.1	15.1	86	92	73	99	92	98	90	9.7
Mean	35.52	35.60	36.28	35.41	35.36	36.30	35.74	17.1	17	20.9	21.4	18.3	17.4	18.7	23.3	15.9	93.3	89.9	76.3	82	90.9	93.4	87.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	457.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	SW	WSW	SW	W	140.2	243.6	112	57.1	552.9	10	-----	N.	10	-----	N.
2	S	ESE	S	WSW	Calm	SW	46.7	50.4	48.3	52.5	197.9	10	-----	-----	10	-----	N.
3	NE	W	SW	W	E	S	68.9	74.2	80.7	74.2	298	9	A.-Cu.	Cu.-N.	10	-----	N.
4	SE	SE	SSE	SSW	SSW	SE	93.9	130.2	142.2	200.8	567.1	10	-----	N. SbyE	10	-----	Fr.-N. SW
5	S	SSW	SW	SW	SW	S	192.1	163.1	155.1	98.7	609	10	-----	N. SSW	10	-----	N.
6	SE	SSE	S	WSW	WSW	W	80	63.4	83.9	77.4	304.7	10	-----	N.	10	-----	Cu.-N. SbyE
7	SE	SE	SSE	SW	Calm	SE	70.3	49.9	-----	-----	-----	4	Ci.-S.	Cu.	6	Ci.	Cu. SW
8	SE	SE	WSW	SW	Calm	E	-----	77	86.9	70.3	-----	0	Ci.	Cu.	9	-----	Cu.-N.
9	SE	Calm	E	W	NW	NE	101.1	66.5	109.7	82.4	359.7	0	Ci.	Cu.	7	-----	Cu.-N.
10	SE	E	SW	SW	NNE	NE	86.9	63.9	98.5	49.3	298.6	0	Ci.	Cu.	8	Ci.-S.	Cu.-N. WSW
11	SE	E	NE	SW	NNE	NE	82.6	75.4	116.1	68.1	342.2	0	Ci.	Cu.	6	-----	Cu.-N.
12	SE	E	SW	WSW	W	NE	97.6	69.8	109.2	54.7	331.3	1	Ci.	Cu.	9	-----	Cu.-N. W
13	SE	ESE	E	SW	E	S	77	87.4	123.1	58.9	346.4	0	Ci.	Cu.	9	-----	Cu.-N.
14	SE	E	SE	WSW	E	SE	133.1	91.5	107.5	146.6	478.7	8	Ci. N	Cu.-N.	10	-----	Cu.-N.
15	E	E	SW	SW	NW	SE	123.1	75.3	103.8	78.1	380.3	0	A.-Cu.	Cu.	8	-----	Cu. SE
16	SE	NE	W	W	SW	SE	89.3	77.2	94.6	-----	-----	1	Ci.	Cu.	10	-----	-----
17	NE	ENE	NE	SW	W	S	-----	-----	110.8	-----	-----	0	Ci.	Cu.	10	-----	Cu.-N.
18	SE	NNE	NE	SW	SE	NE	69.4	61.4	74.3	62.6	267.7	3	Ci.	Cu.	9	Ci.-S.	Fr.-Cu. ENE
19	NE	N	N	N	N	S	44	60.6	76.7	146.7	328	10	-----	Cu.-N. E	10	-----	N.
20	SW	SW	SW	SSW	ESE	SE	-----	-----	89.8	121.2	-----	10	-----	N. SW	10	Ci.-S.	Cu.-N. SW
21	SE	ESE	ESE	S	Calm	E	109.9	116.9	46.4	71.1	344.3	10	-----	N.	10	-----	N.
22	SE	E	E	SW	E	E	122.6	119.4	67.6	139.4	449	9	A.-Cu. N	Fr.-N. SE	9	A.-Cu.	Cu.-N. SE
23	E	E	E	E	S	S	188.5	159.1	86.9	47.5	482	7	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.
24	E	E	E	E	SE	SE	66.8	173	69.2	90.9	399.9	8	A.-Cu. SE	S.-Cu. ESE	9	A.-Cu. SSE	Cu. ESE
25	SE	E	SW	S	Calm	Calm	67.4	44.3	66	46.9	224.6	0	Ci. EbyS	Cu.	7	Ci.-S.	Cu.
26	Calm	E	W	WSW	WNW	Calm	47.5	78.1	112.1	35.1	272.8	8	Ci.	Cu.	10	-----	Cu.-N.
27	Calm	NNE	SW	SW	NW	N	41.5	67.8	111.5	79.5	300.3	3	Ci.-S.	Cu.-N.	10	-----	Cu.-N. NW
28	N	NW	NNW	SW	W	N	88	84.8	127.9	101.9	402.6	10	Ci. SSE	Cu.-N.	8	Ci.-S.	Cu.
29	W	NW	WSW	WSW	NW	NE	100.4	138.7	174.4	95.8	509.3	7	Ci.-S.	Cu.-N.	7	-----	Cu.-N. WNW
30	W	WNW	SW	WSW	W	E	75.6	79.2	164.8	65.4	385	7	Ci. SW	Cu.	10	-----	N.
Mean	-----	-----	-----	-----	-----	-----	92.8	94.4	101.7	84.2	377.3	5.5	-----	-----	8.9	-----	-----

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	33.80	33.96	34.49	34.10	34.13	35.51	34.33	16.8	17.6	21.6	20.6	18	16.8	18.6	23.8	16	100	96	87	94	99	100	96	5.4
2	34.58	34.76	35.75	34.77	35.25	36.93	35.34	17.3	17.7	22.9	21.9	18.7	17.8	19.4	23.3	16.6	98	92	84	85	98	100	92.8	5.6
3	35.32	35.20	35.59	34.60	34.81	35.53	35.18	17.4	17.6	22.4	21.1	17.7	17.2	18.9	24.3	16.7	100	92	82	90	97	97	93	13.3
4	34.40	34.47	34.91	33.79	33.87	35.09	34.42	17.1	16.4	20.4	20	17.4	16.8	18	21.8	15.7	92	96	83	91	98	100	93.3	9.2
5	33.72	33.09	33.67	32.91	32.50	33.65	33.26	16.5	16.4	20.3	17.6	16.9	16.4	17.4	22.3	15.5	100	98	86	99	99	100	97	52.9
6	32.50	32.10	32.49	31.12	30.90	31.82	31.82	16.2	16.6	17.6	17.9	17.5	16.8	17.1	18.5	15.6	100	98	99	99	99	100	99.2	108.4
7	30.49	30.36	30.66	29.99	30.30	31.58	30.56	16.7	17.1	17.9	17.6	17.5	16.7	17.2	18.3	16.2	100	100	99	100	99	100	99.7	156
8	31.22	31.52	33.32	33.17	33.52	35.16	32.98	17.1	17	17.5	17.4	17.3	17.1	17.2	17.8	16.1	98	99	99	99	98	98	98.5	77.5
9	34.60	34.64	35.14	34.90	34.99	35.96	35.04	17.3	16.9	19.3	18.5	17.6	17.6	17.9	20.3	16.4	95	99	89	98	99	98	96.3	15.8
10	35.02	35.46	35.75	34.67	34.70	35.60	35.20	17.3	17.3	18.2	18.4	17.8	17.7	17.8	19.2	16.8	100	99	100	99	99	100	99.5	154.1
11	34.36	34.41	34.86	34.61	34.41	34.91	34.59	17.9	18.3	18.4	17.9	18.2	18.2	18.2	18.7	16.8	100	100	99	99	100	97	99.2	152.9
12	34.12	33.82	34.55	34.41	34.47	35.46	34.47	17.9	17.3	17.5	17.8	18.2	18	17.8	18.7	16.4	97	99	99	100	100	99	99	104
13	34.25	34.44	35.68	35.20	35.20	35.35	35.02	17.3	16.9	17.5	17.6	17.5	17.5	17.4	18.3	16.4	100	99	99	100	100	100	99.7	19.7
14	35.34	35.59	36.56	35.99	36.21	37.19	36.15	17.4	17.1	18.5	20.9	17.5	16.8	18	21.7	16.4	100	99	94	79	98	100	95	6.3
15	36.46	36.43	36.88	35.79	36	36.70	36.38	16.9	16.9	21.4	21.1	16.9	16.5	18.3	22.7	15.3	98	94	81	85	98	96	92	89.5
16	35.46	35.29	35.75	34.36	34.41	35.36	35.10	16.2	15.6	21.5	19.1	17.5	16.9	17.8	23	15	98	98	78	97	98	100	94.8	12
17	33.72	33.63	34.63	33.76	33.92	35.15	35.14	16.3	16.1	21.5	21.1	18.9	17.4	18.6	23.6	15.6	100	98	74	90	96	97	92.5	.8
18	34.24	33.92	34.76	34.30	34.07	35.42	34.45	16.6	16.4	21.6	23.9	19.4	17.9	19.3	24	15.4	97	94	70	66	94	100	86.8	2.3
19	34.78	34.99	35.40	34.70	34.51	35.99	35.06	16.9	17	21	22.9	19	17.6	19.1	24.3	16.6	100	98	84	92	98	100	95.3	31.6
20	34.96	34.94	35.99	34.88	35.10	36.12	35.33	17.5	16.9	22.7	21.3	17.5	17.7	18.9	25.6	16.4	99	99	68	92	95	94	91.2	5.8
21	35.44	35.16	36.31	35.03	35.28	36.16	35.56	17.1	17	22	20.6	16.9	17.1	18.4	23.5	16.5	100	94	82	95	98	94	93.8	16
22	34.84	34.32	34.68	33.93	34	34.92	34.45	16.7	16.5	23.6	24	18.5	16.9	19.4	24.8	16	98	96	57	74	93	100	86.3	.5
23	34.05	33.27	33.68	33	32.66	33.48	33.36	17	16.5	21.5	18.9	18.2	16.6	18.1	23.2	15.5	100	98	85	98	97	100	96.3	8.4
24	32.70	32.52	33.33	32.73	32.92	33.76	32.99	16.5	16.7	20.9	19.2	16.7	16.4	17.7	23	16	100	99	85	95	100	100	96.5	48
25	33.09	32.51	33.28	32.48	32.34	32.95	32.78	16.4	16.7	18.3	20.4	16.9	16.7	17.6	22.8	16.3	100	95	90	91	92	95	93.8	82.6
26	32.37	32.03	33.09	32.91	34.04	34.74	33.20	16.3	16.7	16.2	17.5	16	16.1	16.5	17.8	15.3	99	99	99	99	99	98	98.8	213.4
27	34.30	34.65	35.63	35.50	35.79	36.31	35.36	14.9	16.2	16.2	15.9	16	16.4	15.9	16.7	14.4	100	99	99	96	87	83	94	72.4
28	35.80	36.26	37.50	36.74	36.60	37.53	36.74	16	15.9	17.6	20.9	19	16.4	17.6	23.6	15.3	89	92	95	84	92	100	92	.3
29	36.56	36.99	37.51	36.54	37.03	38.06	37.12	16.5	16	21.4	21.9	18.4	17.3	18.6	22.7	15.4	100	97	81	81	95	99	92.2	------
30	36.66	36.78	37.55	36.64	36.58	37.47	36.95	16.6	16.5	19.8	21.4	18.5	16.9	18.3	22.6	15.8	97	93	66	83	93	100	88.7	------
31	36.39	36.40	37.48	36.52	36.63	37.68	36.85	17.1	17.5	22.2	23.1	18	16.4	19	23.9	16	100	87	60	55	94	100	82.7	------
Mean	34.37	34.32	35.06	34.32	34.42	35.40	34.65	16.8	16.8	20	19.9	17.7	17.1	18.1	21.8	15.9	98.5	96.6	85.6	90.5	96.8	98.2	94.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,464.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	E	E	SW	SW	SW	W	65.8	67.3	132.3	62.8	328.2	7	Ci.-S.	S.-Cu.	10	--------------	Cu.-N.
2	SE	E	WNW	WSW	S	E	91.9	78.6	85.8	61	317.3	7	Ci.	S.-Cu.	10	--------------	Cu.-N.
3	SE	E	SW	SW	Calm	E	120.2	66.6	86.9	32.5	306.2	2	A.-Cu.	Cu.	10	--------------	Cu.-N.
4	W	S	SW	WSW	WSW	W	50.9	68.9	151.5	82.6	353.9	7	A.-Cu. SW	S.-Cu.	10	--------------	N.
5	W	Calm	SW	SW	SW	W	34.6	61.8	182.9	144.5	423.8	3	Ci.	S.-Cu.	10	--------------	Cu.-N.
6	W	SW	SW	SW	SW	W	166.2	131.5	246.7	208.7	753.1	10	--------------	N.	10	--------------	N.
7	SW	SW	SW	SW	SW	SW	220.8	304.2	309	244.4	1,078.4	10	--------------	N.	10	--------------	N.
8	SW	SW	SW	SW	SW	SW	200.9	195	344.4	191.5	931.8	10	Ci.	Fr.-N. SW	10	--------------	N.
9	SW	SW	SW	SW	SW	SW	143.4	149.9	168.2	146.4	607.9	10	--------------	Cu.-N. SW	10	--------------	N.
10	W	SW	WSW	SW	WSW	W	160.1	170.3	238.2	303.7	872.3	10	--------------	N.	10	--------------	N.
11	W	WSW	WSW	WSW	WSW	W	365.9	360.5	358.9	407	1,492.3	10	--------------	N.	10	--------------	N.
12	W	SW	SW	SW	SW	W	411.8	389.8	310.6	244.6	1,356.8	10	--------------	N.	10	--------------	N.
13	W	SW	SW	SW	SW	SW	257.8	244.9	217	157.2	876.9	10	--------------	Cu.-N.	10	--------------	Cu.-N.
14	SW	SW	SW	SW	SW	E	113	102.8	112.9	75.4	404.1	10	--------------	Fr.-N. wsw	9	Ci.-S.	Cu.-N.
15	Calm	ESE	SW	WSW	NW	E	43.8	71.6	100.6	42.4	258.4	1	Ci.	S.-Cu.	9	--------------	Cu.-N.
16	Calm	Calm	ESE	SW	SW	Calm	40.8	57.7	82.7	32.2	213.4	9	A.-Cu.	S.-Cu. E	10	--------------	N.
17	SE	E	E	WSW	Calm	SE	75.6	102	71.3	63.3	312.2	6	A.-Cu.	Cu.-N. SE	10	--------------	Cu.-N.
18	SE	E	ENE	ESE	SE	SE	119.9	117.7	48	69	354.6	1	Ci.	Cu.	9	A.-Cu.	N.
19	SE	SE	ENE	SW	SW	Calm	94.4	79.2	80	47.3	300.9	10	--------------	Cu.-N.	10	--------------	N.
20	E	E	ESE	SW	NE	SE	71	94.1	81.6	76.2	322.9	4	Ci.-Cu.	Cu. ESE	10	--------------	--------------
21	SE	SE	SW	WSW	Calm	Calm	91.7	57.9	84.2	56	289.8	5	A.-Cu.	S.-Cu.	10	--------------	N.
22	E	E	E	SW	NNE	E	103.8	95.8	109.9	50.4	359.9	0	Ci.	Cu.	10	--------------	Cu.-N.
23	SE	NE	WSW	WSW	WSW	Calm	60.7	67.9	102.5	44.3	275.4	0	Ci.	Cu.	10	--------------	N.
24	Calm	E	SW	SW	SW	W	33.8	86.6	190.9	157.2	468.5	10	--------------	--------------	10	--------------	N.
25	SE	SW	SW	SW	SW	SE	95.8	156.9	186.5	125.5	564.7	8	--------------	Cu.-N. WSW	9	--------------	Cu.-N.
26	SW	SW	SW	SW	SW	W	306.9	400.6	399.2	346.2	1,452.9	10	--------------	N.	10	--------------	--------------
27	W	WSW	WSW	WSW	WSW	SW	208.1	155.5	132	104.9	600.5	10	--------------	Cu.-N. swbyw	10	--------------	N.
28	W	WSW	WSW	WSW	WSW	W	162.8	152.4	107.2	58.9	481.3	9	A.-Cu.	S.-Cu. W	9	--------------	Cu.-N. W
29	W	WSW	SW	SW	SW	Calm	32.2	63.9	80	24.6	200.7	5	--------------	S.-Cu. NNW	9	A.-Cu.	Cu.-N. WSW
30	SE	NE	E	SSW	SW	E	43.8	49.9	52.5	53.4	199.6	10	--------------	S.-Cu. NW	10	--------------	Cu.-N. SbyW
31	SE	E	SE	E	SW	Calm	77	66	53.6	40.5	237.1	1	Ci.-S.	Cu.	7	Ci.-S.	Cu. S
Mean	------	------	------	------	------	------	131.1	137.7	158.3	121.1	548.3	6.9	--------------	--------------	9.7	--------------	--------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	16,995.8	----	--------------	--------------	----	--------------	--------------

BAGUIO.

[$\phi=16°\ 25'$ N ; $\lambda=120°\ 36'$ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.62	36.87	37.64	36.69	37.31	38.28	37.24	16.4	16.6	22.1	21.6	17.7	16.7	18.5	23.9	15.5	96	91	64	79	84	93	84.5	17.6
2	37.26	37.13	37.51	36.39	36.44	37.41	37.02	16.6	16.6	20.5	22.8	18.2	17.2	18.6	23.8	15.7	95	92	82	79	93	94	89.2	1.8
3	36.37	36.19	36.64	35.64	35.64	36.42	36.15	16.6	16.4	18.8	18.1	17.2	17.2	17.4	22.3	15.5	94	93	90	91	88	88	90.7	4.8
4	35.71	35.54	36.48	35.63	35.75	36.63	35.96	16	15.7	20	20.9	17	16.4	17.7	24.2	14.7	98	89	83	84	96	100	91.7	2
5	35.64	35.37	36.53	35.59	35.78	36.75	35.94	16.1	16.1	21.2	19.6	17.2	17	17.9	22.3	15.4	94	90	78	90	95	96	90.5	1.5
6	35.79	35.82	36.67	35.77	35.65	36.73	36.07	16.9	16.5	20.4	19.5	18	17.3	18.1	23.8	15.5	97	92	79	96	95	94	92.2	8.1
7	36.30	36.03	36.71	35.82	35.71	36.67	36.21	16.8	17.1	21.5	19.7	18.4	18	18.6	23.1	15.6	97	92	82	87	93	95	91	2.6
8	35.68	35.69	36.34	35.14	35.62	36.40	35.81	17.6	17	20.9	21.7	17.2	17.2	18.6	21.9	16.2	99	98	85	90	97	86	92.5	17
9	35.08	35.46	35.80	34.97	34.72	35.90	35.32	17.5	17.4	22	22.7	16.7	16.3	18.8	23.5	15.6	79	77	78	79	96	97	84.3	21.1
10	35.03	34.74	34.94	33.75	33.94	34.56	34.49	16.4	16	21.2	21.7	16.9	15.8	18	22.9	15.3	94	95	85	83	96	100	92.2	26.5
11	33.69	32.76	32.98	32.09	31.82	32.78	32.69	15.8	16	19.7	20.2	18.3	17.3	17.9	22.8	15.1	100	99	91	90	94	100	95.7	14
12	31.85	31.85	32.17	31.27	31.66	31.90	31.78	17	16.5	21.5	17.9	16.6	16.5	17.7	21.6	16.1	100	99	82	99	99	100	96.5	103.7
13	31.44	31.18	32.03	31.32	31.95	32.99	31.82	16.8	16.8	17.3	17.4	17	16.8	17	18	15.4	100	99	99	99	100	100	99.5	155.1
14	32.83	33.17	34.21	33.57	33.86	34.79	33.74	16.6	16	18.3	18.6	16.9	17	17.2	21.5	15.4	98	99	96	97	93	93	96	10.3
15	34.24	34.25	35.68	35.24	35.41	36.52	35.22	16.9	16.9	19.1	16.3	16.6	15.9	17	21.9	15.2	95	96	82	99	99	100	95.2	27
16	36.13	35.44	36.41	35.70	35.69	36.61	36	16.2	16.2	21.2	20.7	18.1	17.4	18.3	23.5	15	93	86	82	83	97	94	89.2	42.7
17	36.44	36.46	37.05	35.79	36.61	37.15	36.58	15.9	16	19.9	21.2	16.5	16.2	17.6	22.9	15.4	100	99	90	88	99	100	96	11.9
18	36.14	35.83	36.51	35.43	35.73	37.12	36.13	16.4	16.3	20.5	20.1	17.5	16.7	17.9	23.4	15.6	100	95	82	85	95	98	92.5	37
19	35.71	35.25	35.79	34.84	34.67	36.18	35.41	16.8	16.4	19.2	18.9	16.9	16.8	17.5	23.9	15.7	94	90	91	95	99	98	94.5	57.6
20	35.04	34.31	34.76	32.96	32.56	33.71	33.89	16.5	16.8	16.5	16.5	16.9	16.7	16.6	17.7	15.7	100	99	100	99	99	98	99.2	206.5
21	32.82	32.62	32.65	31.72	32.11	32.93	32.48	15.8	15.5	17.4	16.8	15.4	16.8	16.3	18.2	14.6	100	100	100	100	100	94	99	184.2
22	32.61	32.92	33.81	33.87	33.71	34.66	33.60	16.6	16.5	17.5	17.3	16.6	16.9	16.9	18	14.7	99	100	99	99	99	94	98.3	107.7
23	33.95	34.55	35.74	34.74	34.84	35.94	34.96	16.4	15.5	16.6	17.4	17	17.1	16.7	17.7	14.7	97	100	100	99	100	100	99.3	91.7
24	35.65	35.65	35.91	35.39	35.49	36.08	35.70	17	16.9	17.2	17	16.9	16.9	17	17.5	16	99	99	99	99	99	96	98.5	92.7
25	35.26	34.85	35.11	34.30	33.73	34.60	34.64	17	16.3	16.2	16.9	17	16.4	16.6	17.4	15	92	99	100	99	99	98	97.8	47
26	33.66	32.72	32.83	31.54	31.24	31.35	32.22	16.6	16.4	16.7	16.9	16.4	16.8	16.6	17.3	15.5	92	100	99	99	100	96	97.7	231.5
27	30.37	29.98	30.68	30.65	30.44	31.90	30.67	16.8	16.2	16.7	16.5	16.8	16	16.5	17.1	14.3	96	100	99	99	99	100	98.8	328.2
28	31.46	31.68	32.64	32.66	33.02	34.22	32.61	16.8	16.9	16.9	16.9	17.4	17.1	17	17.6	14.5	97	99	99	99	100	100	99	223.8
29	33.92	34.21	35.32	34.39	34.29	35.57	34.62	16.1	16.1	16.5	17.5	17.2	17	16.7	17.7	15	100	100	100	99	99	100	99.7	124.9
30	34.75	34.63	35.54	34.27	34.32	34.95	34.74	16.3	16.9	17.6	17.6	17	17	17.1	18.4	16	100	99	99	100	99	98	99.2	120.3
31	33.47	33.30	34.13	33.13	33.07	33.75	33.48	17.2	17	17	17.3	16.4	16.9	17	17.8	15.3	98	99	100	99	99	98	98.8	190.6
Mean	34.55	34.40	35.07	34.20	34.28	35.21	34.62	16.6	16.4	19	18.8	17.1	16.8	17.5	20.8	15.3	96.5	95.6	90.2	93	96.8	96.7	94.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,511.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ESE	S	WSW	ENE	E	63.8	53.6	79.1	62.5	259	1	Ci.	Cu.	10	------------	Cu.-N.
2	W	Calm	SW	SW	E	Calm	38.9	62.5	90.4	44.3	236.1	0	Ci.	Cu.	9	------------	Cu.-N. WSW
3	W	Calm	SW	SW	SW	SE	32.7	48.6	85.5	96	262.8	0	Ci.	Cu.	10	------------	N.
4	Calm	Calm	WSW	WSW	NW	S	39.1	81.3	107.6	84.3	312.3	0	Ci.	Cu.	9	------------	Cu.-N.
5	E	E	WSW	WSW	NNE	E	68.7	64.2	118.9	58.2	310	6	Ci.	Cu.	10	------------	------------
6	S	Calm	SW	WSW	Calm	SE	23.1	79.5	82.6	45.9	231.1	0	Ci. NNE	Cu.	10	------------	N.
7	Calm	NE	W	W	NNE	SE	38	61.8	99.3	42	241.1	4	Ci.	Cu.	10	------------	Cu.-N.
8	SE	NE	WSW	SW	NE	E	52.3	53.6	65.8	69.8	241.5	0	Ci.	Cu.	9	Ci.-S.	N.
9	E	Calm	WSW	WSW	W	E	77.7	44.6	101.4	52.5	276.2	4	Ci.	S.-Cu.	10	------------	Cu.-N.
10	Calm	Calm	SW	W	NNE	NE	26.6	60.4	100.6	61.2	248.8	0	Ci. SE	Cu.	9	------------	Cu.-N. W
11	N	W	SW	SW	W	NW	44.8	75.3	104.8	65.5	290.4	8	Ci. E	S.-Cu.	10	------------	Cu.-N.
12	W	SW	W	W	WNW	NW	74.2	98	133.3	135.7	441.2	10	Ci.-S.	S.-Cu.	10	------------	N.
13	W	WSW	W	WNW	SW	SW	248.6	320	273.6	221.1	1,063.3	10	------------	N.	10	------------	N.
14	SW	SW	ESE	WSW	SW	SE	120.9	58.4	120.1	71.4	370.8	10	A.-Cu.	Cu.-N. SW	10	------------	N.
15	SE	SE	WSW	SW	SW	Calm	79.9	61.8	152.3	36	330	10	A.-Cu.	N. S	10	------------	N.
16	Calm	E	SW	WSW	W	SW	62.3	71.3	118.6	43	295.2	1	Ci.	Cu.	9	------------	Cu.-N. WNW
17	W	W	WSW	SW	NE	NE	59.2	68.2	112.1	76.9	316.4	7	A.-Cu. N	S.-Cu.	9	------------	Cu.-N. S
18	NE	Calm	ESE	W	NE	N	48	53.6	103.5	55.7	260.8	0	Ci.	Cu.	10	------------	N.
19	W	WSW	WSW	WSW	WSW	W	70.3	91.5	175.9	142.9	480.6	8	Ci.	S.-Cu.	10	------------	------------
20	W	WSW	SW	WSW	SW	SW	174.8	192.5	332.4	312	1,011.7	10	------------	N.	10	------------	Cu.-N.
21	------	WSW	WSW	SW	SW	------	353.1	365.6	------	------	------	10	------------	N.	10	------------	N.
22	------	WSW	SW	WSW	SW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
23	------	SE	SW	SW	SW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
24	------	SW	SW	SW	SW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
25	------	WSW	SW	SW	WSW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
26	------	WSW	SW	WSW	WSW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
27	------	SW	WSW	SW	SW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
28	------	SW	SW	SW	WSW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
29	------	SW	WSW	WSW	SW	------	------	------	------	------	------	10	------------	Cu.-N.	10	------------	N.
30	------	SW	SW	WSW	WSW	------	------	------	------	------	------	10	------------	N.	10	------------	N.
31	------	SW	WSW	WSW	WSW	------	------	------	------	------	------	10	------------	N.	10	------------	------------
Mean	------	------	------	------	------	------	85.6	98.4	127.9	88.8	374	6.4	------------	------------	9.8	------------	------------

NOTE.—The anemometer of the quadruple register was partly destroyed during the typhoon of August 21.

BAGUIO.

[ϕ=16° 25′ N ; λ=120° 36′ E ; barometer above sea, 1,512.5 meters ; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	33.04	32.73	33.83	32.62	32.62	33.81	33.11	16.7	17	17.5	17.5	17.2	17.2	17.2	17.8	16.2	100	100	98	100	100	100	99.7	259.5
2	33.14	32.83	33.85	32.99	33.02	34.32	33.36	17.5	17.4	17.5	17.4	17	16.8	17.3	18.5	16.2	95	99	99	98	100	99	98.3	95.6
3	33.13	32.83	33.49	32.44	32.43	33.89	33.04	16.7	16.5	17.5	17.4	16.5	16.4	16.8	18.3	15.8	100	99	99	99	99	100	99.3	54.1
4	33.33	32.99	33.52	32.18	32.14	33.59	32.96	16.4	16.4	18	17.7	17	17	17.1	19.1	15	100	99	100	100	100	100	99.8	75
5	32.93	32.49	33.15	32.20	31.82	32.45	32.51	16.9	16.6	17.9	17.1	16.5	16.4	16.9	18.5	15.9	100	100	99	100	100	100	99.8	37.4
6	31	30.53	31.45	31.12	31.15	32.61	31.31	16.6	17	17.7	17.8	17.4	17.6	17.4	18.8	16.1	100	99	100	99	99	96	98.8	129.1
7	31.76	32.27	33.47	32.82	32.70	33.58	32.77	17.7	17.5	17	17.3	16.2	15.3	16.8	18.3	14.6	97	100	99	96	100	100	98.7	8.8
8	32.97	32.85	33.66	32.34	32.76	33.66	33.04	15.8	16.9	20.1	22.5	17.5	15.6	18.1	23.4	14.8	100	98	86	72	93	100	91.5	1.5
9	33.19	32.94	33.77	33.03	32.78	33.97	33.28	15.4	15.5	18.8	18	16.9	15.8	16.7	20.5	14.5	100	93	89	98	94	100	95.7	4.6
10	33.56	33.90	34.97	34.13	34.30	35.31	34.36	14.7	15.9	18.6	21.8	17.5	17.3	17.6	22.6	13.9	100	99	84	72	90	93	89.7	33.6
11	34.67	34.58	35.66	34.81	35.22	36.05	35.16	16.7	16.4	17.4	17.6	16.2	16	16.7	20.1	15.5	99	99	100	96	99	100	98.8	73
12	34.94	34.67	35.99	34.17	34.74	35.96	35.08	16.4	16.5	16.1	17.9	17	16.3	16.7	20.1	15	98	100	100	95	98	100	98.5	86.1
13	35.17	34.75	35.76	34.28	34.77	35.88	35.10	16.3	15.6	21.4	19.5	16.6	-----	17.9	22.8	14.7	94	95	75	93	99	-----	91.2	42.4
14	34.99	35.06	36.31	35.31	35.94	37.02	35.77	-----	15.8	18.1	18.2	16.4	16.1	16.9	21.5	14.9	-----	97	95	91	99	100	96.4	.3
15	36.05	36.28	37.64	36.18	36.25	37.01	36.57	15.8	16.4	18.9	18.7	16.7	16.6	17.2	22.8	15.3	100	95	89	98	99	98	96.5	25.6
16	35.93	35.79	37.08	35.70	35.71	36.51	36.12	16.9	16.1	20.4	17.9	16.8	16.7	17.5	21.7	15.3	93	96	85	97	98	97	94.3	18
17	35.85	35.60	36.23	35.30	35.46	36.48	35.82	16.2	16	20.6	17.5	16.8	16.8	17.3	23	15.4	100	98	86	100	99	98	96.8	48.7
18	35.79	36.01	37.04	36.15	36.53	38.13	36.61	16.3	15.5	21.5	22.5	17.3	15.8	18.2	23.9	14.8	98	98	85	81	97	100	93.2	.8
19	37.21	36.97	38.05	37.13	37.39	38.65	37.57	15.4	15.6	21.2	20.3	17.7	16.1	17.7	24.3	15	100	88	72	87	95	99	90.2	-----
20	37.92	37.58	38.86	37.35	37.43	38.31	37.91	15.6	15.5	22	21.5	17.5	16.7	18.1	24.5	14.8	100	88	72	76	99	97	88.7	16
21	37.40	37.38	38.01	37.26	37.05	37.72	37.47	15.4	15.9	21.4	17.9	17.4	16.8	17.5	22.9	14.6	100	90	75	93	96	94	91.3	22.4
22	36.88	36.60	37.49	35.98	36.09	37.22	36.71	16.4	16	20.1	19.8	16.4	16.2	17.5	23.8	14.5	87	85	79	95	83	85	85.7	19.4
23	36.51	35.84	36.20	34.89	34.87	35.59	35.65	15.6	14.9	20.5	21.9	17.6	16.7	17.9	23.9	14.3	91	91	81	83	97	100	90.5	10.7
24	34.80	34.62	35.28	34.52	34.60	35.53	34.89	16.4	16.4	21.4	21.1	18.5	17.5	18.6	23.4	15.4	96	94	74	88	93	97	90.3	-----
25	34.79	34.97	36.05	34.87	35.79	36.54	35.50	16.5	16.5	20.5	20.5	17.5	16.9	18.1	24.7	16.4	100	99	76	91	96	97	93.2	14.7
26	35.53	35.62	36.59	34.67	34.82	36.34	35.60	16.4	15.7	20.8	22.5	17.4	16.5	18.2	24.8	14.8	93	91	65	82	99	100	88.3	21.6
27	35.30	35.18	36.01	34.86	35.05	35.93	35.39	15.5	15.9	20.6	20	17	16.5	17.6	23.7	15	100	94	82	90	98	97	93.5	2.8
28	35.04	35.13	36.03	34.72	34.66	35.98	35.26	15.6	15.4	21.1	20.3	17.4	16.9	17.8	23.4	14.7	100	98	78	90	99	100	94.2	7.9
29	34.99	35.05	36.10	34.59	35.19	36.55	35.41	16.4	16	18.6	17.5	16.6	16.2	16.9	20.5	15.3	100	99	99	99	98	100	99.2	19.4
30	35.60	35.53	36.92	35.65	36.43	37.73	36.31	15.9	15.9	17.5	16.6	16	15.9	16.3	19.9	14.7	100	99	94	99	99	99	98.3	65.2
Mean	34.78	34.65	35.62	34.48	34.66	35.74	34.99	16.2	16.2	19.4	19.1	17	16.5	17.4	21.7	15.1	98	96	87.2	91.9	97.2	98.1	94.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1194.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	------	WSW	W	W	W	------	------	------	------	------	------	10	------	N.	10	------	N.
2	------	W	WSW	SW	WSW	------	------	------	------	------	------	10	------	N.	10	------	------
3	------	W	WSW	W	WNW	------	------	------	------	------	------	10	------	Cu.-N.	10	------	N.
4	------	W	W	W	W	------	------	------	------	------	------	10	------	N.	10	------	N.
5	------	W	W	W	W	------	------	------	------	------	------	10	------	N.	10	------	N.
6	------	WSW	W	W	W	------	------	------	------	------	------	10	------	N.	10	------	N.
7	------	W	W	WNW	W	------	------	------	------	------	------	10	------	Cu.-N.	9	------	Cu.-N. WNW
8	------	NW	W	W	Calm	------	------	------	------	------	------	10	------	N.	7	Ci.	Cu. W
9	------	W	W	W	WNW	------	------	------	------	------	------	9	A.-Cu.	S.-Cu. W by N	10	------	Cu.-N.
10	------	WSW	W	W	W	------	------	------	------	------	------	10	------	------	6	Ci.	Cu. W
11	------	WSW	WSW	SW	WSW	------	------	------	------	------	------	10	------	Cu.-N.	10	------	N. WSW
12	------	Calm	NW	W	Calm	------	------	------	------	------	------	10	------	N.	10	------	N.
13	------	Calm	W	WNW	NW	------	------	------	------	------	------	1	Ci.	Cu.	9	------	N.
14	------	Calm	WSW	WSW	W	------	------	------	------	32.4	------	10	------	Cu.-N.	9	------	Cu.-N. WNW
15	SE	S	SE	WSW	W	SE	39.7	57.7	130	71.8	299.2	10	------	Cu.-N. SSW	10	------	Cu.-N.
16	SE	Calm	WSW	W	NW	NW	37	63.8	118.3	60.7	279.8	5	A.-Cu.	Cu.	10	------	N.
17	Calm	Calm	W	W	Calm	NE	36.2	72.6	93.5	70.6	272.9	4	A.-Cu.	S.-Cu.	10	------	N.
18	Calm	Calm	SW	W	W	NE	35.2	59.7	123.7	64.2	282.8	5	Ci.	Cu.	8	Ci.	Cu. WSW
19	Calm	W	W	WSW	W	NE	54.2	69	115.7	49.9	288.8	2	Ci.	S.-Cu.	10	------	Cu.-N.
20	Calm	N	WSW	WNW	E	Calm	27.2	75.9	112.5	32.7	248.3	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NW
21	N	Calm	WSW	NW	Calm	E	44.3	61.8	84.2	31.1	221.4	0	Ci.	Cu.	10	------	N.
22	E	NW	W	W	E	NW	23.1	54.7	109.1	55	241.9	6	Ci.	S.-Cu.	10	------	N.
23	W	NE	WSW	WSW	Calm	SE	60.6	74.6	86.3	37	258.5	0	Ci.	Cu.	10	------	Cu.-N.
24	E	E	Calm	W	SE	SE	45.1	49.3	78.4	141.8	314.6	4	Ci.-S.	Cu.-N.	10	------	Cu.-N. S
25	SE	SE	ESE	W	E	Calm	175.2	133.3	56.1	43.1	407.7	8	Ci.	Cu.-N. SE	10	------	N.
26	E	SE	ESE	W	W	N	93.3	92	115.1	53.1	353.5	4	Ci.	Cu.-N.	7	Ci.	Cu.
27	Calm	N	WSW	NW	NW	SW	47.3	72.7	104.1?	55.8	279.9	2	Ci.	S.-Cu.	9	------	N.
28	E	Calm	WSW	WSW	W	Calm	41.6	69.8	103.8	36.7	251.9	4	Ci.	Cu.	10	------	N.
29	W	W	W	WSW	SW	Calm	90.6	121.7	140.8	54.5	407.6	10	------	Cu.-N.	10	------	N.
30	SW	Calm	SW	W	W	W	50.7	39.2	221.6	175.9	487.4	10	------	S.-Cu. SSE	10	------	N.
Mean	------	------	------	------	------	------	56.3	73	112.1	62.7	306	6.9	------	------	9.4	------	------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	36.82	36.85	37.96	36.89	37	38.18	37.28	15.2	14.9	20	21.9	16.6	15.9	17.4	22.5	14.4	100	94	84	78	96	97	91.5	------
2	37.16	36.89	37.89	36.53	37.08	38.34	37.32	15.8	16.3	21.2	23	18.5	17.8	18.8	23.8	15.2	91	79	74	73	86	90	82.2	------
3	37.38	37.47	38.58	37.38	37.74	38.85	37.90	16.1	17.2	21.2	18.2	17.8	16.9	17.9	23	15.6	100	81	75	97	96	98	91.2	9.9
4	37.87	37.63	38.41	36.96	37.43	38.09	37.73	16.1	16.1	20	22	17	16.8	18	22.4	15.1	99	93	90	85	94	94	92.5	8.9
5	37.63	38	38.88	37.80	37.77	38.58	38.11	16	15.9	22	20.5	17.6	16.7	18.1	25.2	15.5	100	98	70	88	97	100	92.2	1
6	37.78	38.09	39.32	37.84	37.83	38.57	38.24	15.4	15.8	20.5	23.4	17.3	16.6	18.2	23.7	14.7	100	94	82	77	95	97	90.8	------
7	37.66	37.75	38.72	37.68	37.84	38.94	38.10	15.6	15.9	23.3	22.7	18.1	17.2	18.8	24	14.7	100	88	50	80	97	98	85.5	------
8	38.32	38.71	39.51	38.26	38.58	39.56	38.82	16.7	15.9	20.4	21.4	18	17.7	18.4	25.2	15	94	98	81	82	98	94	91.2	2
9	38.78	38.51	39.32	37.83	37.94	39.01	38.56	16.8	16.4	21	22	17.9	17.5	18.6	24.3	16	100	95	83	82	97	95	92	6.3
10	37.87	38.13	38.96	37.52	38	38.83	38.22	16.4	15.5	19	19.9	17.5	16.4	17.4	22.8	15	97	98	90	85	89	93	92	------
11	37.45	37.52	38.24	36.91	37.12	37.90	37.52	14.9	14.5	20.9	19.3	17.5	17.2	17.4	23.4	14.2	100	98	81	92	99	95	94.2	.5
12	36.98	37.36	38.13	36.33	36.74	37.63	37.20	16.2	15.5	21.3	20.9	17.5	16.8	18	24.2	15	100	97	82	85	95	99	93	22.6
13	37.16	37.70	38.59	37.49	37.80	38.74	37.91	15.7	15.7	18.9	20	17.1	16.6	17.3	23	15	100	94	91	90	98	95	94.7	------
14	38.13	38.42	39.36	37.88	37.88	38.72	38.40	16.3	15.4	19.8	21.4	17.7	16.3	17.8	23.7	14.8	91	93	86	79	96	98	90.5	3.8
15	37.96	38.30	39.11	37.53	37.58	38.46	38.16	15.4	15	21.6	18.9	16.6	16.4	17.3	22.2	14.4	96	87	79	94	94	94	90.7	.8
16	37.63	37.71	39.35	37.67	37.88	38.94	38.20	15.2	15	20.4	21.8	17.5	16.5	17.7	23.3	14.4	97	93	72	82	93	98	89.2	------
17	38.22	38.83	40	38.54	38.72	39.45	38.96	15.5	14.7	23.9	22.5	17.5	16.7	18.5	24.6	14.3	91	79	48	78	95	90	80.2	------
18	38.49	38.63	39.74	38.25	38.39	39.41	38.82	15.6	15.3	22	21.5	18.2	17.1	18.3	24.9	14.5	91	74	56	80	91	88	80	------
19	38.17	38.30	39.46	38.23	38.34	39.16	38.61	16.9	16.9	23	21.4	17.9	16.9	18.8	24.9	16	80	65	49	81	95	100	78.3	.8
20	38	38.23	39.59	37.91	38.45	39.35	38.59	16.8	17.8	21.9	20.9	18.5	17.3	18.9	24.8	15.8	95	83	73	85	94	99	88.2	3.3
21	38.66	39.01	40.44	39.01	39.09	39.79	39.33	16.1	16.4	22	21	18.2	16.4	18.4	25.4	15.1	97	78	52	85	96	99	84.5	------
22	39.08	39.08	40	38.76	39.11	39.35	39.23	15.7	15.6	22.7	20.2	17.9	16.5	18.1	24.8	14.7	91	75	60	86	88	82	80.3	------
23	38.71	38.55	39.75	38.68	39.34	40.34	39.23	15.8	14.7	23.5	24	17.5	16.1	18.6	25.4	14.5	64	57	35	27	58	64	50.8	------
24	39.35	39.35	40.12	38.89	39.02	40.15	39.48	14.7	15.8	22.5	21.6	18	15.6	18	23.8	14.2	76	66	54	48	40	57	56.8	------
25	38.76	38.98	40.08	38.63	39	39.64	39.18	13.8	13.9	21.3	20.8	17.3	16.8	17.3	23.7	13.2	63	45	42	52	75	63	56.7	------
26	38.77	38.96	39.74	38.06	38.23	38.97	38.79	15.1	15.5	22	20.7	18.1	17.4	18.1	24.2	13.7	57	38	64	82	96	96	72.2	------
27	38.12	38.36	39.36	37.39	38.09	39.10	38.40	16.6	17.2	22	19.9	17.5	17.2	18.4	24.2	15.7	95	78	68	90	86	88	84.2	3.3
28	38.31	39.02	40.38	38.45	38.83	39.62	39.10	16.8	16.8	23.5	22.8	18.2	16.4	19.1	24.2	15.3	92	91	63	74	92	100	85.3	------
29	38.44	38.74	39.94	38.15	38.49	39.36	38.85	16.5	16.9	23.4	23.8	17.1	15.7	18.9	27	14.4	90	72	15	69	96	92	72.3	------
30	38.44	38.25	39.14	37.62	38.15	39.49	38.52	14	14.3	22.2	19.5	17.1	15.8	17.2	25.1	13.5	91	61	46	78	92	87	75.8	------
31	38.52	38.66	39.86	38.59	39.39	39.84	39.14	14.7	14.5	21.5	22.5	18	15.8	17.8	24.1	13.2	93	81	58	68	77	91	78	------
Mean	38.08	38.26	39.29	37.86	38.16	39.04	38.45	15.8	15.7	21.6	21.3	17.7	16.7	18.1	24.1	14.7	91.3	81.4	66.2	78.5	90	91.3	83.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	63.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	W	NW	W	W	WNW	NE	184.7	127.4	156.7	93.9	562.7	8	------------	S.-Cu.	9	Ci.-S.	Cu.-N.
2	N	NW	WSW	W	NNE	SE	95.5	96.6	115.9	65.4	373.4	6	Ci.-S.	Cu.	6	Ci.	Cu. WSW
3	E	NW	W	W	Calm	SE	69.2	58.1	73	48	248.8	1	Ci.	S.-Cu.	10	------------	N.
4	NE	E	WSW	W	E	SE	44.8	55.5	90.9	84.3	275.5	5	Ci.	Cu.	10	------------	Cu.-N.
5	SE	E	E	WSW	S	E	76.2	75	87.5	74.3	313	2	Ci.	Cu.-N.	10	------------	N.
6	NE	Calm	WSW	W	W	Calm	61	63.3	109.4	41.6	275.3	0	------------	Cu.	9	------------	Cu.-N. W
7	NE	Calm	SE	WSW	Calm	Calm	51.8	48.1	87.1	24.9	211.9	0	Ci.	Cu.	8	Ci.	Cu. SW
8	NE	E	W	W	W	S	43	63.9	110.8	32.4	250.1	9	------------	Cu.	9	------------	Cu.-N.
9	Calm	E	W	WSW	SW	Calm	35.7	70.5	102.8	29.5	238.5	1	------------	S.-Cu.	10	------------	Cu.
10	Calm	Calm	W	WNW	Calm	SE	40	57.7	80.7	53.2	231.6	1	Ci.	Cu.	9	------------	Cu.-N. W
11	NE	Calm	WSW	W	Calm	S	40.2	74.3	89.6	43	247.1	0	Ci.	Cu.	10	------------	Cu.-N.
12	W	SE	SW	W	E	E	38.1	71.1	90.4	52.8	252.4	4	Ci.	Cu.	10	------------	Cu.-N.
13	E	E	W	NW	NW	Calm	65.8	54.7	100.4	24.3	245.2	7	Ci.	Cu.-N. NW	8	------------	Cu.-N.
14	E	E	W	WSW	W	SE	62.3	77.5	90.1	63.6	293.5	1	Ci.	Cu.	10	------------	Cu.-N.
15	E	E	W	W	Calm	Calm	88.5	66	81.6	32.2	268.3	0	Ci.	Cu.	10	------------	N.
16	E	E	Calm	W	SW	SE	60.7	67.4	77	50.2	255.3	0	Ci.	Cu.	9	------------	Cu.-N. W
17	E	E	ESE	SW	Calm	E	104.3	79.7	97.7	54.7	336.4	0	Ci.	Cu.	8	------------	Cu.
18	E	SE	E	WSW	SW	E	83.7	70.2	69.8	47.7	271.4	0	------------	S.-Cu.	10	------------	------------
19	SE	SE	SSE	W	W	NE	108.3	51	79.5	40.2	279	6	A.-Cu.	S.-Cu.	10	------------	Cu.-N.
20	SE	SE	SW	W	W	S	78.6	75.8	65.8	77.9	298.1	4	A.-Cu. SE	S.-Cu. SE	10	------------	------------
21	E	SE	E	W	Calm	E	76.6	129.3	58.9	47	311.8	0	Ci.	Cu.	6	------------	Cu. NEbyE
22	SE	E	E	SW	SE	E	37	54.7	62	104.3	258	5	A.-Cu. ENE	S.-Cu. N	9	------------	Cu.-N.
23	E	E	SE	SE	SE	S	81.5	39.9	61	86.3	268.7	0	Ci.	Cu.	1	Ci.	Cu.
24	E	SE	E	ESE	E	E	108.9	102.7	170.8	105.7	488.1	0	------------	Cu. SE	0	------------	Cu.
25	E	E	E	ESE	SE	E	149.1	147.8	177.3	108.8	583	0	------------	Cu.	0	------------	Cu.
26	NE	SE	ESE	W	SW	E	56.8	75.3	58.4	83.7?	274.2	1	Ci.	S.-Cu.	10	------------	Cu.-N.
27	SE	SE	Calm	SE	SE	E	107.2?	62	99.2	161.2	429.6	8	Ci.	Cu.-N. SE	10	------------	N. SE
28	E	E	E	WSW	SW	E	112.7	56.3	63	52.8	284.8	10	------------	Cu.-N. SSE	5	------------	Cu.-N.
29	E	E	E	SW	Calm	Calm	120.7	53.6	95.8	38.8	308.9	0	------------	Cu.	0	------------	Cu. WSW
30	E	SE	E	WSW	Calm	SE	73.8	77.4	94.3	68.7	314.2	7	Ci.	Cu.	10	------------	Cu.-N.
31	E	SE	E	WSW	SE	E	158.5	123.9	75.6	166	524	0	Ci.	Cu.	1	Ci.	Cu.
Mean	------	------	------	------	------	------	81.1	75.1	92.7	66.4	315.2	2.8	------------	------------	7.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,772.3	----	------------	------------	----	------------	------------

BAGUIO.

(ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea.1,512.5 meters; gravity correction not applied,—1.65 mm.)

NOVEMBER, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	38.91	38.94	40.32	38,79	39.54	40.12	39.44	15.4	14.9	22.2	22.2	18.1	16.5	18.2	25.2	14.5	91	84	52	67	92	95	80.2	------
2	39.39	39.07	39.71	38.42	39.16	39.64	39.23	16.3	15.8	22.6	20.1	15.6	16.1	17.8	24.8	15	89	82	48	89	92	86	81	26.9
3	38.51	37.88	38.48	37.08	37.33	38.23	37.92	15.8	14.8	21.9	22.3	17	16.3	18	24	14.2	86	90	53	79	90	88	81	------
4	37.62	38.05	38.89	37.43	37.95	38.87	38.14	14.8	15	22.4	21.5	16.5	15.1	17.6	23.8	14.5	98	77	63	79	95	97	84.8	------
5	37.93	37.85	39.04	37.65	38.03	38.45	38.16	15	14.4	22.5	23	17.7	16.6	18.2	24.1	13.9	93	93	61	69	85	93	82.3	------
6	37.47	37.19	38.07	37.09	37.53	38.38	37.62	15.7	15	21.9	20.5	17.5	16.9	17.9	24.3	14.5	96	87	51	85	93	90	83.7	------
7	37.09	37.29	38.33	36.99	37.43	38.20	37.56	15.9	15.9	22.6	21.3	17.3	16.2	18.2	25.2	15.1	92	75	52	78	91	92	80	2.5
8	37.10	37.09	37.75	36.53	37.33	38.04	37.31	15.6	14.4	20.9	21.1	18	16.9	17.8	25.1	14.2	88	83	59	82	88	80	80	------
9	37.45	37.37	38.32	37.20	38.28	38.77	37.90	16.4	15.9	23.1	21.6	17.5	16.9	18.6	24.8	15	80	78	59	80	83	80	76.7	------
10	37.46	37.65	38.17	36.80	37.35	38.16	37.60	16.6	16.4	23.3	22	17.9	16.3	18.8	24.8	15.3	82	74	60	82	90	94	80.3	------
11	37.38	37.39	37.92	36.15	36.72	37.32	37.15	15.9	15.9	22.1	20	17.5	16.8	18	24	14.3	94	85	61	84	88	76	81.3	------
12	36.61	36.91	37.89	36.61	37.16	38.09	37.21	15.8	16	23.8	22.1	17.2	15.8	18.4	25.8	15	86	81	56	61	93	96	78.8	------
13	37.05	36.99	37.86	36.54	37.43	38.17	37.34	15.7	15.4	20.2	22.8	18	16.6	18.1	25.1	14.8	86	88	63	74	93	91	82.5	------
14	37.41	37.49	38.58	36.88	37.18	37.91	37.58	15.8	16	24.4	21.6	18	17	18.8	25.7	15.2	89	69	45	77	90	94	77.3	------
15	36.87	37	38.31	36.51	37.09	38.20	37.33	16.3	15.8	20	20.8	17.6	16.8	17.9	23.9	15.3	94	89	70	82	97	96	88	------
16	36.93	37.15	38.11	36.07	36.49	37.09	36.97	15.7	14.6	22.5	21.1	17.2	16.1	17.9	24.4	14	96	98	42	80	93	92	83.5	------
17	36.45	36.54	37.89	36.49	36.71	37.42	36.92	15.1	15.9	21.3	21.5	17.7	16.6	18	24	14	97	81	64	76	93	100	85.2	------
18	36.23	36.64	37.83	36.45	36.78	37.61	36.92	15.8	15.1	20.5	22.6	18	16.1	18	24	14.7	100	97	79	74	94	95	89.8	------
19	37.25	37.48	38.54	37.09	37.52	38.28	37.69	15.3	15.7	23.2	23.1	18	16.5	18.6	24.4	14.7	89	70	39	68	91	97	75.7	------
20	37.52	38.08	38.88	37.62	37.90	38.83	38.14	15.6	15.6	19.6	20.1	17.1	16.9	17.5	24.2	15.4	96	83	79	83	89	82	85.3	------
21	38.27	38.20	39.09	37.59	37.56	38.22	38.16	15.5	14.9	22.2	23.4	18.4	16.4	18.5	24.4	14.1	89	85	64	67	90	97	82	------
22	37.68	38.04	39.04	37.32	37.54	38.42	38.01	15.1	14.9	23.1	19.9	17.9	16.6	17.9	24.4	14.2	99	88	60	87	90	95	86.5	------
23	37.50	37.68	38.63	37.36	37.70	38.73	37.93	15.9	15.7	22.7	19.3	18.1	16.8	18.1	24.3	15	97	89	59	89	90	98	87	------
24	38.07	38.41	39.38	37.38	37.46	38.19	38.15	15.5	15.1	20	22.1	18.4	17.4	18.1	23.9	14.5	99	96	77	74	91	94	88.5	------
25	37.43	37.37	38.45	37.06	38.08	39.06	37.91	16.3	15.7	22.5	21.8	18.8	17	18.7	23.8	14.8	96	94	68	81	94	95	88	------
26	38.27	38.34	39.76	37.55	38.37	39.27	38.59	15.6	15.2	23.1	25.8	18.9	18.3	19.5	26.4	14.7	100	95	41	34	52	59	63.5	------
27	38.58	38.72	39.77	38.10	38.23	39.03	38.74	17.8	18.2	23.2	23.5	18.4	18.4	19.9	25.4	16.2	68	68	62	69	75	75	69.5	------
28	38.39	38.20	38.55	37	37.19	37.83	37.86	17.1	16.5	19.5	22	17	16	18	23.2	14.9	87	84	62	49	78	84	74	------
29	36.97	36.96	38.51	37.23	37.61	38.60	37.65	15.2	15	21	22.6	18	16.4	18	25.1	14.4	89	87	62	68	80	87	78.8	------
30	37.70	37.69	38.91	37.65	37.96	38.78	38.12	16.1	15.1	24.5	21.1	19.1	17.4	18.9	25.1	15	77	86	53	79	81	89	77.5	------
Mean	37.58	37.66	38.63	37.15	37.62	38.40	37.84	15.8	15.5	22.1	21.8	17.7	16.7	18.3	24.6	14.7	90.8	84.5	58.8	74.9	88	89.6	81.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	29.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	SE	WSW	Calm	E	183.4	113.3	52.9	53.6	403.2	1	Ci.	S.-Cu.	8	A.-Cu.	Cu.
2	SE	E	W	W	NE	E	121.3	119.1	100.6	81.3	422.3	0	A.-Cu.	Cu.	10	------------	N.
3	SE	Calm	S	W	W	Calm	58.7	50.7	93.8	27.4	230.6	0	Ci.	Cu.	9	------------	Cu.-N.
4	E	Calm	Calm	W	W	N	86.9	38.8?	99	45.6	270.3?	0	Ci.	Cu.	4	Ci.	Cu.
5	Calm	NE	SW	WSW	Calm	SE	38.8	63.9	90.3	82.3	275.3	0	Ci.	S.	4	------------	Cu. SW
6	E	E	E	SW	Calm	E	96.1	71.8	91.9	40.5	300.3	0	Ci.	Cu.	10	------------	Cu.
7	E	SE	E	W	W	E	135.8	115.4	78.3	72.9	402.4	0	------------	Cu.	9	------------	Cu.-N.
8	E	E	E	W	Calm	E	140.5	177.5	73.8	105.4	497.2	0	Ci.	Cu.	7	------------	Cu.-N.
9	E	E	S	W	N	NE	77.9	76.2	99	90.6	343.7	0	Ci.	Cu.	8	------------	Cu.-N.
10	Calm	E	W	W	S	E	51	72.2	69	66.2	258.4	0	Ci.-Cu.	S.-Cu.	10	------------	Cu.-N.
11	E	Calm	E	W	S	SE	57.7	64.4	62.6	90.7	275.4	0	------------	Cu.	9	------------	N.-cf. S
12	Calm	SE	SE	WSW	SW	E	75.3	85.3	58.1	69.7	288.4	0	Ci.	Cu.	2	------------	Cu. S
13	E	E	E	W	Calm	SE	112	144	82.6	60.2	398.8	3	Ci.	Cu. SbyE	9	A.-Cu.	N.-cf.
14	E	SE	SE	W	Calm	E	106.2	91.7	67	26.9	291.8	0	Ci.	S.-Cu.	9	------------	Cu.-N.
15	SE	SE	E	W	SW	E	64.9	60.7	79.9	54.2	259.7	0	------------	Cu.	10	------------	N.-cf.
16	E	NE	SE	W	SE	SE	67	67.1	80.7	94.6	309.4	0	Ci.	S.-Cu.	10	------------	Cu.-N.
17	E	E	WSW	W	Calm	E	111.2	62.8	83.5	42	299.5	0	------------	Cu.	7	------------	cu.-N. WSW
18	E	SE	SW	W	W	SE	53.6	56.3	83.2	72.6	265.7	0	Ci.	Cu.	9	------------	Cu.-N.
19	E	SE	S	W	E	SE	65.5	79.4?	90.7	59.2	294.8?	2	Ci.	Cu.	8	------------	Cu.-N. S
20	E	E	W	W	Calm	Calm	93.3	54.1	97.2	15.6	260.2	0	A.-Cu.	------------	9	------------	Cu.-N.
21	N	Calm	SW	WSW	SW	E	31.1	64.6	85.3	89.5	270.5	2	Ci.	Cu.	6	------------	Cu.-N. S
22	E	E	SW	W	SE	SE	97.4	53.7	68.6	67.9	287.6	0	Ci.	Cu.	10	------------	Cu.-N.
23	SE	ESE	S	W	Calm	SE	115.6	81	67.9	53.4	317.9	4	Ci.	Cu.	10	------------	Cu.-N.
24	Calm	N	WSW	W	Calm	Calm	60.7	72.4	90.1	41.5	264.7	0	Ci.	S.	7	------------	Cu. W
25	E	E	W	WSW	S	E	88.7	70.2	79.9	112.9	351.7	2	Ci.	Cu.	10	------------	Cu.-N.
26	SE	E	S	SE	E	E	64.2	48.5	84.5	174.9	372.1	0	Ci.	S.-Cu.	2	Ci.-S.	Cu.
27	E	E	E	SSW	E	E	77.9	108.8	110.7	114.8	412.2	9	Ci.	S.-Cu. ENE	8	Ci.	Cu. ESE
28	E	SE	ESE	SE	SE	E	97.9	143	93.3	84.8	419	3	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
29	E	E	SE	WSW	E	SE	68.6	77.9	61.2	107.8	315.5	4	Ci.	S.-Cu.	5	Ci.-S.	Cu.
30	SE	E	SE	SW	SE	E	132.2	66.2	81.6	74.8	354.8	0	Ci.	Cu.-N.	8	------------	Cu.-N.
Mean	------	------	------	------	------	------	87.7	81.7	81.9	72.5	323.8	1	------------	------------	7.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,713.4	------	------------	------------	------	------------	------------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	38.31	38.28	38.90	37.75	38.06	38.95	38.38	16.8	17.2	22.6	23.6	18.2	16.1	19.1	26.4	15.2	88	81	57	57	69	79	71.8	------
2	38.53	38.82	39.68	37.98	38.36	38.99	38.73	15.4	14.5	22.6	24.3	19	16.6	18.7	25.8	13.2	78	76	49	45	85	96	71.5	------
3	37.95	38.02	39.27	37.58	38.08	38.58	38.25	16.2	16.9	23	23.7	18.2	17.4	19.2	24.8	15.2	93	78	55	46	91	92	75.8	------
4	37.79	37.85	38.92	37.54	37.69	38.36	38.02	16.5	15.9	24.5	20	17.4	17.2	18.6	25.5	15.5	92	84	48	85	96	92	82.8	------
5	37.32	37.19	38.35	36.86	37.49	38.42	37.60	16.2	16	24	22.7	18.4	17.7	19.2	25.8	15.4	95	89	58	76	93	96	84.5	------
6	37.94	37.86	38.50	37.19	37.64	38.12	37.88	17.3	16.5	23.4	21.1	18.9	17.3	19.1	26.2	16	95	94	58	82	88	92	84.8	------
7	37.55	37.64	38.97	37.01	37.29	38.32	37.80	16.4	16.1	22.2	23.4	18.7	16.8	18.9	25.2	15.3	90	84	69	69	82	84	79.7	------
8	37.76	37.44	38.31	36.83	36.98	37.66	37.50	16.2	16.3	23.8	20.1	17.9	16.6	18.5	25.6	15.5	83	83	52	83	76	72	74.8	------
9	37.50	37.63	38.66	37.09	37.50	37.87	37.71	16.4	16.5	22	24.1	18	16.5	18.9	26.1	14.8	65	40	26	42	64	70	51.2	------
10	37.51	37.78	38.74	37.13	37.35	38.17	37.78	16	15.5	22.8	21.2	16.9	16.2	18.1	23.8	14.4	80	84	55	62	90	94	77.5	0.8
11	37.43	37.76	39.04	37.13	37.15	38.24	37.79	15.4	15.5	21.6	23.7	18.9	16.1	18.5	25	14	100	92	64	67	87	94	84	------
12	37.22	37.51	38.69	37.03	37.90	38.20	37.76	16.6	17.2	22.5	20	18	16.5	18.5	25.8	14.4	75	76	57	84	88	95	79.2	------
13	37.41	37.52	38.79	36.95	37.61	38.08	37.73	16.3	16.5	22.8	21.8	18.2	16.1	18.6	24.8	15.5	91	87	60	77	76	93	80.7	------
14	37.66	37.98	38.87	37.21	37.41	38.30	37.90	16.1	15.9	24	19.5	17.6	16	18.2	24.3	15	90	88	55	90	79	90	82	------
15	37.74	37.53	38.49	37.33	37.88	38.70	37.94	15.8	15.9	21.9	23.7	18.4	16.4	18.7	24.7	15.1	87	87	62	56	90	100	80.3	1.5
16	38.34	38.66	39.93	38.63	38.95	39.70	39.04	15.5	16.5	23.1	19.5	17.9	16.9	18.2	24.2	15	100	81	59	88	94	95	86.2	2.6
17	38.76	39.01	40.34	38.72	38.98	39.31	39.19	17	15.9	21.9	20	17.6	17.1	18.2	22.8	15.1	87	95	70	86	96	97	88.5	------
18	38.55	38.89	40.30	38.72	38.71	38.93	39.02	16.4	15.6	21.5	20.7	18.2	16.6	18.2	24.5	15	99	99	75	80	97	100	91.7	1.3
19	37.68	37.81	40.41	38.04	38.27	38.70	38.48	15.8	15.6	20	22	18.2	15.7	17.9	23.4	14.5	100	93	82	74	86	95	88.3	.5
20	37.76	38	39.21	37.97	38.40	38.66	38.33	15	14.6	22.7	20.5	17.9	15.6	17.7	25	14.3	93	86	56	79	86	96	82.7	------
21	37.81	38.07	39.10	37.04	37.40	38.12	37.92	15.6	14.7	23	22	18.4	16.7	18.4	24.9	14.3	88	81	49	74	84	86	77	------
22	37.25	37.58	38.78	36.74	37.08	37.96	37.56	16	16.1	23.6	23.8	19	16.8	19.2	25	15.6	84	67	53	66	86	95	75.2	------
23	37.44	37.72	39.18	37.36	37.85	38.45	38	15.5	14.6	21.4	20.3	18.4	15.8	17.7	23.6	14.2	96	86	64	77	80	91	82.3	------
24	38.16	38.26	39.54	37.88	38.44	39.31	38.60	14.4	15.2	23.4	20.1	18.1	16.7	18	25.1	14.2	91	68	49	80	84	91	77.2	.3
25	38.67	38.79	40.17	38.80	39.42	40.10	39.32	16.4	16.4	18.7	18.9	17	15.9	17.2	23.1	14.6	92	94	84	86	93	99	91.3	.5
26	39.26	39.46	40.29	38.61	38.96	39.72	39.38	15.3	14.9	20.6	22.1	17.2	15.6	17.6	24.3	13.9	100	93	78	72	80	82	84.2	------
27	39.06	39.24	40.59	38.63	38.87	39.43	39.30	14.3	13.7	22.2	22.5	17.5	15.6	17.6	24.8	13.2	84	68	53	62	82	89	73	------
28	38.77	39.12	40.14	38.58	38.47	38.85	38.99	14.6	13.8	21.5	21.7	17.4	15	17.3	23	13.2	90	82	47	72	88	97	79.3	------
29	37.67	37.35	39.31	37.15	36.96	37.52	37.66	14.4	14.1	20.4	19.5	16.5	15.1	16.7	21.9	13.5	94	84	64	79	94	95	85	------
30	37.08	37.12	38.67	37.09	37.35	38.28	37.60	14.1	13.7	22.3	20.6	16.4	15.1	17	23.9	13.2	92	80	51	72	93	100	81.3	------
31	37.90	38.12	39.68	38.03	38.35	38.83	38.48	14.2	14.7	20.1	20.7	16.4	15.6	17	23.8	14.4	100	59	60	64	91	96	78.3	------
Mean	37.93	38.06	39.28	37.63	37.96	38.61	38.25	15.7	15.6	22.3	21.5	17.9	16.3	18.2	24.6	14.6	90.1	81.9	58.7	72	86.1	91.7	80.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	ESE	SE	SE	E	91.4	91.5	77.5	73	333.4	7	A.-Cu.	S.-Cu. E	6	A.-Cu.	Cu. E
2	SE	E	E	SE	Calm	Calm	118.8	119.7	60	70.6	369.1	0	------------	S.-Cu.	0	------------	Cu.
3	E	E	SSE	SE	E	SE	117.8	111.5	92.5	60.4	382.2	0	Ci.	Cu.	3	A.-Cu.	Cu.
4	SE	E	ESE	W	SE	Calm	102.7	68.9	73.8	28.7	274.1	0	Ci.	S.-Cu.	10	------------	Cu.-N.
5	E	N	SW	W	W	Calm	53.6	56.1	93	37.5	240.2	2	Ci.	S.-Cu.	5	------------	N.-cf.
6	NE	NE	E	SW	SE	E	43.8	62.3	58.1	102.8	267	0	Ci.	S.-Cu.	9	------------	Cu.
7	E	SE	SW	WSW	E	SE	85	59	62.8	104.9	311.7	0	------------	Cu.	8	------------	Cu.
8	E	E	SE	W	E	E	82.9	80.5	78.4	100.3	342.1	0	------------	S.-Cu.	10	------------	Cu.
9	SE	ESE	ESE	WSW	E	SE	123.6	117.7	54.5	107.6	403.4	9	------------	S.-Cu. SE	1	------------	Cu. SW
10	SE	ESE	ESE	E	ESE	E	81.3	118.8	123.6	204	527.7	0	Ci.	Cu.-N.	7	------------	Cu.-N. ESE
11	E	SE	SW	WSW	E	E	114.9	57.3	83.7	87.1	343	9	------------	S.-Cu. SE	7	------------	Cu. ESE
12	E	E	E	W	SE	E	152.4	95.6	67.9	126.5	442.4	9	------------	S.-Cu.	10	------------	Cu.-N.
13	E	E	SE	SW	SE	E	92.3	104.3	67	76.2	339.8	6	Ci.	S.-Cu.	9	------------	Cu. W
14	E	E	ESE	W	ESE	E	60.6	72.9	74	116.4	323.9	8	Ci.	S.-Cu.	10	------------	Cu.-N.
15	SE	SE	SE	SE	Calm	SE	98.7	69.7	49.1	89.5	307	3	------------	S.-Cu.	9	A.-Cu.	Cu. ESE
16	E	E	SSE	WSW	Calm	NE	106.7	90.1	85	64.6	346.4	0	Ci.	S.-Cu.	10	------------	Cu.-N.
17	E	E	SW	W	W	Calm	66.8	52.5	77.2	23.1	219.6	10	------------	------------	10	------------	Cu.-N.
18	E	NE	WSW	W	WSW	E	52.9	57.1	89	89.9	288.9	0	Ci.	Cu.-N.	9	------------	Cu.-N.
19	E	NE	SW	W	E	SE	81.5	71.9	79.7	86.6	319.7	0	------------	S.-Cu.	9	------------	Cu. S
20	E	E	Calm	W	N	E	97.6	55	82.9	93.5	329	0	Ci.	S.-Cu.	9	------------	Cu.-N.
21	E	SE	SE	WSW	NE	E	74.5	58.7	87.5	102.8	323.5	3	Ci.	Cu.	9	------------	Cu.
22	E	E	W	W	S	SE	81.3	58.5	93.6	43	276.4	0	Ci.	S.-Cu.	5	Ci.-S.	Cu.
23	Calm	N	SW	W	E	E	44.9	61.5	83.1	91.2	280.7	1	Ci.-S.	S.-Cu.	6	------------	Cu. SW
24	E	E	ESE	W	SE	E	115.1	95.6	73.4	101.4	385.5	0	------------	S.-Cu.	9	------------	Cu.-N. ESE
25	E	E	SE	W	Calm	NW	110	94.3	69.2	38.6	312.1	10	------------	N.	10	------------	Cu.-N.
26	Calm	NW	SW	WSW	SE	E	37.2	27.2	82.6	83.2	230.2	0	------------	Cu.-N.	10	------------	Cu.-N.
27	E	E	ESE	WSW	S	SE	84	95.5	101.6	72.7	353.8	0	------------	Cu.	0	------------	Cu.
28	NE	NE	WSW	W	S	E	60	71	87.2	------	------	0	Ci.	Cu.	9	------------	Cu.
29	E	E	WSW	W	SW	E	------	71.3?	76.6	71.9	------	2	Ci.	Cu.	10	------------	N.-cf.
30	E	E	E	W	Calm	E	105.7	74.3	100.4	64.1	344.5	0	Ci.	S.-Cu.	7	------------	Cu. W
31	E	E	WSW	W	Calm	E	92	58.9	108.3	39.4	298.6	0	Ci.	Cu.	2	Ci.	Cu. NW
Mean	------	------	------	------	------	------	87.7	76.7	80.4	81.7	328.1	2.5	------------	------------	7.4	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.20	64.48	65	63.26	63.47	64.50	64.15	22.5	21.7	27.3	27.2	25	24.5	24.7	28.7	21.4	73	76	61	64	80	79	72.2	------
2	64.04	64.53	65.56	62.58	63.19	63.92	63.97	23.4	22.2	27.8	29	27.5	25.6	25.9	29.8	21.7	85	88	57	61	50	53	65.7	------
3	63.95	64.46	65.65	63.05	63.58	64.64	64.22	25.1	23.9	28.7	32.1	26.9	25.7	27.1	32.4	23	53	57	46	41	53	53	50.5	------
4	63.89	63.84	64.81	62.40	63.45	64.55	63.82	25	23.8	29	28.5	25.7	24	26	30.2	23.7	54	61	50	62	78	81	64.3	------
5	64.34	64.50	65.13	62.48	63.34	64.40	64.03	24.3	22.5	28.7	28.9	25.3	23.7	25.6	29.7	22.3	72	80	58	63	81	87	73.5	------
6	63.66	64.01	65.43	62.77	64.06	65.56	64.25	22.8	21.8	28	29.3	25.4	23.5	25.1	30	21.5	90	90	68	52	73	85	76.3	------
7	64.85	65.13	65.99	63.48	63.82	64.90	64.70	21.7	20.3	26.7	26.8	23.3	21	23.3	27.7	19.9	89	88	55	59	74	86	75.2	------
8	64.65	65.21	66.15	64.48	65.74	66.85	65.51	19.9	23.5	27.2	28.5	23.4	22.2	24.1	29.6	19.5	82	58	43	43	62	64	58.7	------
9	65.71	66.13	67.44	65	65.42	66.01	65.95	21.9	21.6	25.5	27.7	24.5	22.8	24	29.5	21.5	55	54	46	50	53	55	52.2	------
10	65.55	66.01	67.02	64.51	64.84	65.51	65.57	21.3	20.5	28.2	27.5	23.3	20.6	23.6	29.2	20.2	62	64	52	52	75	82	64.5	------
11	64.10	64.27	65.44	63.24	64.05	64.21	64.22	20.4	19.5	26.5	27	24.3	22	23.3	28.5	19.4	74	74	52	64	73	85	70.3	------
12	63.10	63.04	63.89	61.94	62.62	63	62.93	20.5	19	28.3	27.5	24.7	22.3	23.7	30.1	17.6	87	90	55	61	75	82	75	------
13	62.30	62.72	63.18	61.81	62.37	62.85	62.54	20.4	20.5	27.5	27.3	24.3	21.5	23.6	29.3	20	89	83	60	71	84	95	80.3	------
14	62.51	62.76	63.68	61.90	62.56	62.72	62.69	19.8	21.7	29.2	28.2	25.2	22	24.4	30.5	19.5	91	80	54	53	74	80	72	------
15	62.48	62.83	63.36	61.89	62.45	62.95	62.66	22.4	22.4	29.8	27.7	25.4	22.5	25	30.1	20.1	72	71	52	64	77	84	70	------
16	62.85	63.15	63.70	61.90	62.63	63.34	62.93	21.3	21.1	27.5	28.2	26.2	25.9	25	30.2	20.4	93	95	64	72	81	72	79.5	------
17	62.65	62.97	64.11	62.08	63.03	63.25	63.02	25.8	23.3	27.4	27.5	25.5	24	25.6	29	22.7	67	80	73	73	80	87	76.7	------
18	62.95	63.68	64.35	61.75	62.18	62.54	62.91	22	22.6	28.1	28	25.1	23.9	25	29.2	21.9	94	85	65	77	83	88	82	------
19	61.81	62	62.68	60.13	61.62	62.55	61.80	23	21.4	28.2	29.2	25	23.5	25	29.3	20.8	91	96	70	74	85	90	84.3	------
20	61.84	62.05	62.77	60.06	60.32	61.32	61.39	22.7	20.5	26.1	27.7	25	22.3	24	28.3	20.5	89	95	69	67	80	84	80.7	------
21	61.10	61.66	62.10	59.90	60.75	61.82	61.22	21.3	20.1	27.2	29	26.8	26	25.1	29.7	19.7	85	92	63	56	71	59	71	------
22	61.54	61.82	63	61.03	61	62.24	61.77	22.9	23.4	28.2	28.2	26	24.5	25.5	29	22	78	68	63	62	80	70	70.2	------
23	61.72	62.07	63.08	61.24	61.60	62.77	62.08	23.5	22.5	27.7	28.1	25.5	25	25.4	28.2	21.3	68	71	65	63	76	64	67.8	------
24	62.32	62.53	63.70	61.30	61.35	62.04	62.21	24.2	23	28	27.3	25	22.5	25	28.8	22.2	64	70	62	71	83	93	73.8	------
25	61.52	61.60	62.42	60.13	60.38	61.35	61.23	21.2	20.6	25.7	28.2	25.4	25.2	24.4	28.7	20	94	91	69	62	79	66	76.8	------
26	61.20	61.32	62.73	60.93	62.17	63.31	61.94	24.6	22.8	27.5	27.8	24.5	22.8	25	28.2	21.3	64	76	70	71	83	91	75.8	------
27	62.80	62.98	63.55	61.09	61.16	61.55	62.19	21.8	20.3	28	27.6	25.1	25	24.6	29.5	20.1	88	91	65	75	88	68	79.2	------
28	61.54	61.91	62.39	60.30	60.48	61.04	61.28	24.8	24.2	28.5	28.2	25.5	24	25.9	29.4	23.4	66	68	59	66	78	85	70.3	------
29	60.85	61.27	61.85	60.18	60.55	61.22	60.99	22.7	22.8	28.7	28.2	25.4	24.3	25.4	29.5	21.5	85	76	61	68	82	87	76.5	------
30	60.83	61.30	62.05	60.04	60.58	61.52	61.05	22.4	22.5	28.2	28.1	25.5	25	25.3	30.5	21.1	88	82	60	64	80	82	76	------
31	60.74	61.12	62.23	60.03	60.61	61.50	61.04	23.9	23.2	29.7	29.4	26.1	25	26.2	30.2	22.8	87	85	58	62	79	86	76.2	------
Mean	62.83	63.14	64.01	61.83	62.43	63.22	62.91	22.6	21.9	27.8	28.2	25.2	23.6	24.9	29.5	21.1	78.4	78.5	59.5	62.7	75.8	78.2	72.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	NNW	N	Calm	Calm	57.3	45.3	67.3	10.7	180.6	10	------	S.-Cu. SW	10	A.-Cu.	Cu. SW
2	Calm	Calm	NNW	NNW	NE	NE	5.1	49.6	106.4	80	241.1	5	A.-Cu.	S.-Cu. SW	0	------	------
3	NE	NE	ENE	E	NE	ENE	59.2	72.1	54.9	83.7	269.9	0	------	S.-Cu.	0	------	------
4	E	E	E	WNW	Calm	Calm	61.2	53.1	62.2	6.9	183.4	4	A.-Cu.	S.-Cu.	1	------	Cu.
5	Calm	Calm	NNE	NW	NNW	N	7.5	32.5	78.4	28.7	147.1	7	A.-Cu.	S.-Cu. SW	1	------	Cu.
6	Calm	Calm	NNE	NNW	N	N	11.9	30.6	104.9	71	218.4	4	------	Cu. SW	3	------	Cu. SW
7	N	NNE	N	NNW	N	Calm	48.3	68.4	124.2	27.4	268.3	1	------	Cu.	1	------	Cu.
8	Calm	NE	NE	NE	NE	ENE	47.3	93.3	118.8	131.8	391.2	0	------	Cu.	2	A.-Cu.	Cu. NE
9	ENE	ENE	ENE	NW	ESE	E	140.2	111	62.6	46.4	360.2	4	A.-Cu. SW	Cu.	5	A.-Cu. SW	Cu.
10	NE	E	E	NNW	NW	Calm	71	56.1	90.4	16.1	233.6	1	------	S.-Cu.	1	Ci.	Cu.
11	NNW	E	SE	W	WNW	Calm	39.4	50.9	56.3	14.7	161.3	0	------	S.-Cu.	4	------	Cu. WNW
12	Calm	NE	SE	W	Calm	Calm	6.4	30.3	51	5.4	93.1	0	------	S.-Cu.	2	------	Cu. SE
13	NE	SE	Calm	NW	NW	NE	19.3	28.8	87.2	27.1	162.4	1	------	Cu.	0	Ci.	Cu.
14	Calm	Calm	Calm	NNW	N	Calm	9.9	32.8	136	40	218.7	10	A.-Cu.	S.-Cu. W	1	------	Cu.
15	Calm	ENE	E	NW	Calm	Calm	10.7	44.1	71.8	4	130.6	6	Ci.-Cu.	S.-Cu.	1	Ci.	Cu.
16	Calm	Calm	NW	NNW	NNW	Calm	5	35.2	63	19.5	122.7	2	Ci.	S.-Cu.	7	A.-Cu.	Cu. NE
17	NW	Calm	NW	WNW	NW	Calm	35.2	56.9	68.2	3.4	163.7	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
18	Calm	SE	NNW	WNW	NNW	NNW	12.9	29.5	88.3	18.2	148.9	6	A.-Cu.	S.-Cu. SW	7	------	Cu. W
19	Calm	Calm	SW	SW	N	N	1.4	38.1	75.4	52.3	167.2	2	Ci.	S.-Cu.	4	------	Cu. SW
20	N	NW	N	N	N	N	54.7	84.5	177.8	57.9	374.9	1	Ci.	S.-Cu.	2	Ci.	Cu.
21	N	Calm	NW	NNW	NNW	NE	23.3	49.1	93.3	22.3	188	3	Ci.	S.-Cu.	2	Ci.	Cu.
22	Calm	E	NW	NW	NNW	Calm	5.6	34.9	106.8	19.8	167.1	3	Ci.	S.-Cu.	2	Ci.	Cu.
23	Calm	Calm	Calm	NW	NW	E	6.4	28	80.5	22.2	137.1	4	Ci. SW	S.-Cu.	4	Ci.	Cu.
24	E	SE	NW	NW	NNW	Calm	49.4	33.5	103.6	28.4	214.9	4	A.-Cu.	S.-Cu.	4	Ci.	Cu. N
25	NNW	NNW	N	NW	Calm	SE	53.1	48	63.1	26.2	190.4	2	Ci.	Cu.	1	Ci.	Cu.
26	E	Calm	NW	NW	NNW	Calm	39.4	42	105.9	26	213.3	7	------	S.-Cu. SW	2	Ci.	Cu.
27	Calm	Calm	Calm	NNW	NNW	Calm	8.2	34.1	110.4	27.6	180.3	1	Ci.	Cu.	2	Ci.	Cu.
28	SE	ESE	NNW	NNW	NW	Calm	38.8	53.3	116.2	15.1	223.4	8	------	S.-Cu. SW	1	Ci.	Cu.
29	Calm	SE	W	NW	NNW	Calm	9.4	47.7	78.4	6.4	141.9	3	Ci.	S.-Cu.	4	------	Cu. NW
80	Calm	Calm	N	NW	NW	Calm	4.5	23.5	81.8	8.2	118	8	------	S.-Cu. SW	1	------	Cu.
31	Calm	Calm	SSW	WSW	NW	Calm	7.8	40.2	65.2	13.2	126.4	1	------	S.-Cu.	5	A.-Cu.	Cu. SW
Mean	------	------	------	------	------	------	30.6	47.7	88.7	31	198	3.5	------	------	2.8	------	------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,138.1	----	------	------	----	------	------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 12.2 meters ; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maxi-mum.	Mini-mum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1 --	60.61	60.95	61.89	60.05	60.40	61.21	60.85	23.4	23.4	29.6	27.8	25.2	23.5	25.5	30.3	22	86	83	62	71	80	79	76.8	------
2 --	60.85	60.90	61.68	59.41	60.21	61.46	60.75	21.4	21	27.8	29	26	23.6	24.8	29.5	20.8	90	93	59	60	75	81	76.3	------
3 --	61.35	61.77	62.45	59.51	60.45	61	61.09	21.2	20.5	28.1	29.3	26.7	26	25.3	30.4	20.1	84	86	58	56	75	60	69.8	------
4 --	60.50	60.90	61.70	59.83	60.48	61.55	60.83	25.7	24.5	30	28.7	26.3	25	26.7	30.3	24	60	62	51	55	77	83	64.7	------
5 --	60.72	61.02	62.29	60.43	60.75	62.02	61.20	24.3	22.5	29.2	29	26.4	24	25.9	30.7	22.3	78	81	54	62	73	81	71.5	------
6 --	61.11	61.46	63.03	60.58	60.69	61.84	61.45	22.2	22	29	28.5	26	23.1	25.1	30.3	21	92	87	53	58	70	80	73.3	------
7 --	60.92	61.22	61.78	59.43	59.55	60.86	60.63	21	20.8	29.5	28.5	26.5	24.7	25.2	31.3	19.3	85	82	50	62	74	78	71.8	------
8 --	60.74	61.52	62.71	61.33	61.83	62.82	61.82	23.6	23.8	28.5	27.8	25.2	22.5	25.2	30.3	21.3	82	80	60	65	64	74	70.8	------
9 --	62	62.29	63.30	61.03	61.01	62.64	62.04	20.9	19.7	28.7	28.8	27.2	25.7	25.2	30.3	18.9	80	84	58	53	56	51	63.7	------
10 --	62.20	62.44	63.30	61.15	61.25	62.47	62.14	25.3	24.3	28.4	28.2	25.6	25	26.1	31.4	22.2	52	54	52	56	66	64	57.3	------
11 --	62.63	63.24	64.28	62.55	62.56	64.28	63.26	21.2	19	27.7	27.2	24	21.5	23.4	29.2	19	79	86	55	63	70	76	71.5	------
12 --	63.85	63.98	64.64	62.24	62.46	63.74	63.48	20.3	19	25.1	28	24.7	24.2	23.6	28.2	18.4	81	86	61	60	68	57	68.8	------
13 --	63.15	63.75	64.50	62.56	62.71	63.27	63.32	23.7	22	27.5	27	25.5	23	24.8	28.3	21.8	54	62	53	57	68	70	60.7	------
14 --	63.13	63.47	64.43	62.28	62.38	63.51	63.20	23.6	22.5	28.6	26.4	25.7	23.5	25	30.6	22.2	64	72	60	75	73	80	70.7	------
15 --	62.41	62.71	63.98	61.54	62.22	63.04	62.65	23.6	22.2	28.5	27.8	25.3	24	25.2	30.1	22	72	78	62	74	84	87	76.2	------
16 --	62.06	62.22	63.55	61.93	62.55	63.06	62.56	23	21.5	29	28.5	25	23.6	25.1	30	20.7	84	89	65	69	85	90	80.3	------
17 --	62.25	62.97	64.13	61.66	61.99	62.55	62.59	22.4	21	26.1	27.7	25.2	23	24.2	28.1	20.6	90	91	76	70	78	85	81.7	------
18 --	62.23	62.35	63.59	61.83	62.06	62.96	62.50	22.6	23.2	29.3	28.6	25.5	23.1	25.4	29.3	22	89	84	67	68	84	93	80.8	------
19 --	61.93	62.17	63.45	61.61	61.91	62.24	62.22	22.5	21	29.2	28.5	26.1	23.6	25.2	30.1	20.8	91	95	64	74	85	95	84	------
20 --	61.32	61.95	63.03	61.25	61.55	61.92	61.84	22.6	22.4	28	29.2	26.2	24.6	25.5	29.2	21.7	93	89	75	70	82	92	83.5	------
21 --	61.20	61.37	62.26	60.84	61.31	61.88	61.48	24	23.6	27.4	28.2	26	24.8	25.7	29.5	23.3	88	88	74	63	76	85	79	------
22 --	60.64	60.72	61.73	60	60.30	61.86	60.88	23.5	23.5	27.6	28.7	25.5	24.1	25.5	29	22.5	93	85	73	70	91	92	84	------
23 --	60.66	60.71	62.24	61.65	61.80	62.53	61.60	22.1	23	28.5	25.6	23.8	21.6	24.1	29.2	20.2	91	81	65	82	82	92	82.2	------
24 --	61.34	61.39	62.39	60.95	60.84	61.86	61.46	19.4	18.2	28.9	27.7	25.5	22.4	23.7	30.5	17.5	96	97	56	68	78	85	80	------
25 --	61.05	61.26	62.43	60.83	60.55	62.06	61.36	21.7	20.7	29	29.7	25.2	23	24.9	29.7	20	85	84	59	57	80	89	75.7	------
26 --	61.40	61.72	63.35	61.15	61.51	62.31	61.91	23.7	21.2	28.3	27.5	26.5	25.5	25.4	30.2	20.7	79	87	72	68	71	68	74.2	------
27 --	61.96	62.51	63.48	61.94	62.09	63.16	62.52	24	22.5	28.7	29	26	25	25.9	30.4	22.3	78	82	67	71	85	86	78.2	------
28 --	62.74	62.95	64.39	62.38	62.24	63.60	63.05	23.3	21.5	28.7	29.2	26	24	25.4	31.2	21.3	93	95	63	72	88	92	83.8	------
Mean	61.68	62	63.07	61.14	61.42	62.42	61.95	22.7	21.8	28.4	28.2	25.7	23.8	25.1	29.9	21	81.8	83	61.6	65.3	76.4	80.2	74.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1 --	Calm	Calm	WNW	NW	NW	N	4	34.6	124.7	86.9	250.2	4	-----	S.-Cu. SW	8	-----	Cu. NW	
2 --	N	Calm	Calm	NNW	NNW	Calm	31.6	38.1	110.5	17.2	197.4	4	A.-Cu.	S.-Cu. NNW	1	-----	Cu.	
3 --	Calm	Calm	NNW	NW	Calm	NE	16.4	39.2	55.3	30	140.9	0	-----	-----	0	-----	-----	
4 --	NE	SE	NW	NW	NNW	Calm	42	41.6	75.8	7.5	166.9	0	-----	-----	1	Ci.	Cu.	
5 --	Calm	Calm	NW	WNW	NW	Calm	14	31.4	78.6	17.1	141.1	0	Ci.	-----	1	Ci.	Cu.	
6 --	Calm	Calm	NNE	N	N	N	5.9	54.5	192.3	66.2	318.9	0	-----	-----	1	Ci.	Cu.	
7 --	Calm	Calm	N	WSW	WNW	NNW	11.6	45.1	62.2	12.4	131.3	0	-----	-----	2	Ci. SW	Cu.	
8 --	NW	Calm	W	NNW	N	N	23.6	30	97.6	41.8	193	7	Ci.	S.-Cu. SW	3	Ci.	Cu. SW	
9 --	Calm	Calm	Calm	NNW	NE	E	26	22.2	92.8	53.6	194.6	0	-----	Fr.-Cu.	1	-----	Fr.-Cu.	
10 --	E	E	E	NNW	NNW	SSE	73.7	68.6	93.6	28.5	264.4	5	-----	Cu. SSW	6	A.-Cu.	Cu. SSW	
11 --	Calm	NNE	N	N	N	N	16.3	42.8	195.2	136	390.3	0	-----	Cu.	1	-----	Cu.	
12 --	N	N	N	NNW	N	E	71.4	47.2	103	28.7	250.3	0	-----	Cu.	1	-----	Cu.	
13 --	ENE	Calm	ENE	NNW	NNW	Calm	44.6	47	90.9	16.9	199.4	0	Ci.	Cu.	1	-----	Cu.	
14 --	SE	SE	ENE	NNW	N	Calm	49.1	51.8	111.2	12.1	224.2	5	-----	Cu. SSW	8	A.-Cu.	Cu. SSW	
15 --	ENE	SE	Calm	W	NNW	Calm	36.5	30.3	86.9	12.4	166.1	8	A.-Cu.	S.-Cu. SW	1	-----	Cu.	
16 --	Calm	Calm	Calm	WNW	NNW	NNW	11.1	34	79.5	34	158.6	0	-----	-----	5	-----	Cu. NNW	
17 --	Calm	Calm	NW	NW	NW	Calm	7.4	45.4	88.7	16.9	158.4	0	-----	Cu.	2	-----	Cu. NW	
18 --	Calm	Calm	NW	NW	NNW	NNW	11.3	32	95.5	28.5	167.3	8	A.-Cu.	S.-Cu. SW	1	-----	Cu.	
19 --	Calm	Calm	Calm	W	NW	Calm	9.5	27.6	67.4	11.8	116.3	1	-----	S.-Cu.	2	-----	Cu. W	
20 --	Calm	SE	SW	W	W	W	17.2	46.4	69.2	13.2	146	3	A.-Cu.	S.-Cu.	1	-----	Cu.	
21 --	Calm	Calm	NNW	NNW	N	N	7	48.6	118.3	49.1	223	10	-----	S.-Cu. SW	7	A.-Cu.	Cu. NW	
22 --	Calm	Calm	NW	W	NNW	N	15.3	49.1	86.4	41.5	192.3	10	-----	S.-Cu. SW	3	A.-Cu.	Cu.	
23 --	Calm	SE	SSW	N	N	NNW	22.2	68.7	140	45.7	276.6	1	-----	Cu.	7	-----	Cu. WNW	
24 --	Calm	Calm	SSE	W	NW	Calm	2.4	32	85.6	8	128	0	-----	-----	0	-----	Cu.	
25 --	Calm	SE	W	W	NW	Calm	17.9	36.8	67.3	9.2	131.2	0	-----	-----	1	Ci.-S.	Cu.	
26 --	NNW	Calm	W	NW	NW	SE	14.7	27.4	63.9	21.1	127.1	7	A.-Cu.	S.-Cu. SW	9	Ci.-S.	Cu. NW	
27 --	Calm	Calm	WNW	WNW	NW	N	6.2	37.3	84.5	53.9	181.9	0	-----	-----	7	Ci.-S.	Cu. NNW	
28 --	Calm	Calm	N	NNW	NNW	NNW	9.9	50.5	118.6	34.1	213.1	3	Ci.-S.	S.-Cu.	2	Ci.	Cu.	
Mean	-----	-----	-----	-----	-----	-----	22.1	41.4	97.7	33.4	194.6	2.7	-----	-----	3	-----	-----	
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,448.8	----	-----	-----	----	-----	-----	

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.06	63.40	64.53	62.55	62.46	64.09	63.35	23.3	22.5	28	28.5	25.6	23.4	25.2	30.3	22.1	91	96	78	75	87	91	86.3	------
2	63.15	63.41	64.30	61.99	62.08	62.76	62.95	22.7	20.5	28.4	29.3	26.6	24	25.2	30.4	20.2	85	95	68	70	82	96	82.7	------
3	61.86	62.57	63.23	61.35	60.98	61.51	61.92	25.7	23.7	29.5	28.9	26	24.5	26.4	30.6	23.3	69	75	64	73	86	93	76.7	------
4	60.37	60.95	61.95	59.65	59.72	60.15	60.46	22.9	22.5	28.8	29.2	26.2	23.9	25.6	30.8	22	97	94	76	75	86	95	87.2	------
5	59.26	59.50	60.10	57.74	58.08	58.85	58.92	22.7	22.2	29.8	31	28	25	26.4	32.4	21.7	99	98	57	57	69	88	78	------
6	57.74	58.57	59.19	56.95	57.69	59.31	58.24	24.7	23.5	29.4	30.9	28.5	26.3	27.2	31.7	23.2	84	85	72	71	79	93	80.7	------
7	58.41	59.06	60.18	58.03	58.59	59.65	58.99	25.9	25	29.6	30	28	26.3	27.5	31.8	24.5	90	92	78	75	78	96	84.8	------
8	58.75	58.62	59.88	57.73	58.19	59.40	58.76	25.6	25.4	30.6	30.3	28.2	26.2	27.7	32.2	24.7	95	96	77	76	82	89	85.8	------
9	58.75	58.83	59.90	58.23	58.45	59.67	58.97	26.4	25.5	29.3	30.1	27.5	26.2	27.5	30.8	24.9	86	90	81	75	86	94	85.3	------
10	59.06	59.17	60.35	58.57	58.60	59.27	59.17	26	25.2	30.5	30.6	27.5	26.4	27.7	31.5	25	92	96	73	76	90	94	86.8	------
11	58.68	59.08	60.18	58.35	58.30	59.45	59.01	24.5	23.4	28.5	29.7	27.5	25.6	26.5	31.4	23.2	99	98	81	79	84	91	88.7	------
12	59.12	59.78	60.80	59.55	59.45	60.48	59.86	23.8	23.6	31	30	28	26.4	27.1	31.9	23.3	97	97	63	71	79	86	82.2	------
13	59.85	60.37	61.89	59.75	59.85	61.85	60.59	23.7	23	29	30.5	27.7	25.2	26.5	32.8	23	95	96	76	70	82	89	84.7	------
14	60.81	61.52	62.07	59.89	60.20	62.18	61.11	23.6	23.5	30.6	30	27	25.1	26.6	31.1	23.2	95	92	62	69	85	96	83.2	------
15	61.25	61.89	62.93	60.59	60.68	61.60	61.49	23	22.8	29.5	30.3	28.7	27.3	26.9	32	22.2	96	90	65	66	76	67	76.7	------
16	60.76	60.53	61.90	59.87	60.58	62.60	61.04	25	25.9	30.5	31	27.3	26.3	27.7	31.8	24	77	67	59	62	78	80	70.5	------
17	61.94	62.32	63.13	61.99	62.80	63.78	62.66	25.3	24.9	32.4	29.5	26.5	25	27.3	32.9	24	84	82	56	76	84	92	79	------
18	63.27	64.10	64.93	62.32	62.68	63.79	63.52	24.6	23.5	28.4	29.8	27	26.7	26.7	31.8	23.2	92	96	76	68	90	86	84.7	------
19	63.15	63.20	63.98	61.20	60.92	61.75	62.37	25.6	25	29.5	30.8	28.7	25.7	27.6	31.5	24.7	89	92	73	62	73	88	79.5	------
20	60.71	61	62.07	59.67	59.32	59.98	60.46	25.1	24.5	30.1	29.1	26.5	24.5	26.6	32.2	24.3	85	86	71	76	84	92	82.3	------
21	59.44	59.84	61.05	59.12	59.04	60	59.75	23.5	24	28.7	30.4	27.1	25	26.4	31.9	23.2	97	93	78	66	81	89	84	------
22	59.44	59.69	61.58	58.93	58.95	59.95	69.76	23.8	23	29.7	30.3	26.5	24.3	26.3	31.6	22.8	80	80	73	70	84	91	79.7	------
23	59.61	60.12	61.15	59.07	59.20	59.68	59.80	24.5	23.2	29.2	30.8	27.7	25.5	26.8	32	22.9	81	85	79	64	74	78	76.8	------
24	59.72	59.97	61.75	59.64	59.68	60.35	60.18	23.3	24.2	31	30.5	28.2	25.2	27.1	32.5	23.3	82	78	67	70	72	85	75.7	------
25	59.73	60.39	61.87	59.48	59.51	60.71	60.28	25	22.5	29.8	31	27.1	26	26.9	31.8	22.2	80	82	76	69	87	94	81.3	------
26	59.65	60.09	61.28	58.98	58.53	60.55	59.85	24.3	24	31	32	28.2	25.2	27.4	32.9	23.7	97	96	59	59	74	74	76.5	------
27	60.60	61.22	61.58	59.33	59.23	60.59	60.42	23.7	22.1	29.2	30.8	28	26.9	26.8	31.8	21.8	81	90	66	60	82	72	75.2	------
28	60.41	61.27	61.63	59.83	59.87	61.08	60.68	24	23.7	31.5	30	28	25.7	27.2	33.3	22.4	87	77	56	65	85	93	77.2	------
29	61.02	61.60	62.25	60	60.08	61.33	61.05	24.7	24.5	30.5	30	27.3	25	27	31.5	24.2	94	87	70	71	94	99	85.8	------
30	60.45	60.76	61.44	58.98	59.22	60.04	60.15	23.8	22.4	28.5	30.5	26.8	24.8	26.1	31.3	22	93	88	80	73	90	95	86.5	------
31	59.06	59.18	59.76	57.89	57.77	58.41	58.68	24.2	22.7	28.8	29	27.2	25.5	26.2	30.6	22.3	97	100	81	81	90	97	91	------
Mean	60.29	60.71	61.70	59.59	59.70	60.80	60.47	24.4	23.6	29.7	30.2	27.4	25.5	26.8	31.7	23.1	89.2	89.3	70.7	70	82.4	89.1	81.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	NNE	NW	NW	N	NNW	22.2	47.2	128.5	61	258.9	3	Ci.	S.-Cu.	1	Ci.	Cu.
2	Calm	Calm	NW	NNW	N	Calm	11.1	32.7	106.2	23.5	173.5	0	------	------	1	------	Cu.
3	E	S	N	W	NNW	Calm	38.3	45.6	93	23.8	200.7	1	------	S.-Cu.	2	------	Cu.
4	Calm	Calm	SW	WSW	NNW	N	7	42.3	74.3	35.6	159.2	4	------	S.-Cu. S	2	------	Cu. SW
5	Calm	Calm	E	WNW	N	NNW	8	35.6	81.9	28.2	153.7	0	------	S.-Cu.	0	Ci.	Cu.
6	Calm	Calm	SW	W	WSW	Calm	13.2	41	65.4	6.6	126.2	0	Ci.	Cu.	2	A.-Cu.	Cu.
7	Calm	Calm	NW	NW	NW	Calm	11.6	36.2	115.3	39.1	202.2	8	A.-Cu.	S.-Cu. SE	2	Ci.	Cu.
8	Calm	Calm	WSW	W	NNW	Calm	10	36.5	64.6	28.7	139.8	3	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.
9	Calm	Calm	NW	NW	NNW	Calm	11.1	52.3	92.3	13.4	169.1	1	Ci. W	S.-Cu.	2	Ci.	Cu.
10	Calm	Calm	SSW	SW	WNW	Calm	7.5	49.1	78.3	8.9	143.8	2	------	S.-Cu.	4	A.-Cu.	Cu. SW
11	Calm	Calm	NW	WNW	WNW	Calm	13.7	37.8	63.4	4.2	119.1	1	------	S.-Cu.	7	------	Cu. W
12	Calm	Calm	SSW	NW	Calm	Calm	2.7	35.1	68.4	4.2	110.4	0	------	S.-Cu.	2	------	Cu. NW
13	Calm	Calm	NW	W	NW	NW	7	39.6	78.1	25.2	149.9	7	A.-Cu.	S.-Cu. SW	1	------	Cu.
14	N	NNW	N	N	NNW	Calm	28.7	100	169.2	35.4	333.3	3	------	Cu. WNW	0	------	Cu.
15	Calm	Calm	W	WNW	Calm	ENE	7.7	31.4	71.3	38.3	148.7	9	------	S.-Cu.	1	------	Cu.
16	Calm	E	NW	WNW	NNW	Calm	32.5	62.3	76.2	15.9	186.9	0	------	------	0	------	Fr.-Cu.
17	Calm	Calm	W	NW	NNW	NW	4.6	57.6	100.6	37.6	200.4	0	------	------	2	------	Cu. NW
18	N	NNW	N	N	N	SW	42.8	------	------	------	------	1	------	Cu.	1	------	Cu.
19	Calm	Calm	SSW	NW	Calm	Calm	------	------	------	------	------	2	------	S.-Cu.	2	------	Cu. NW
20	E	ESE	SW	W	NNW	Calm	41.3	67	94.8	26.8	229.9	2	------	Cu.	7	------	Cu.
21	Calm	Calm	WSW	W	NNW	Calm	12.6	43.3	87.1	24.3	167.3	4	Ci.	Cu.	2	------	Cu.
22	N	NNE	NW	NW	NW	NW	37	71.9	133	89.6	281.5	2	------	Cu.	1	Ci.	Cu.
23	ESE	SE	WNW	NW	NNW	Calm	28.8	58.2	120.7	34.9	242.6	0	Ci.	S.-Cu.	0	------	Cu.
24	Calm	SE	WSW	NW	NNW	NNW	30.1	75.1	108.3	58.5	272	0	------	Cu.	0	------	Cu.
25	Calm	Calm	SSW	NW	N	NNW	22.2	63.4	137.9	95.8	319.3	1	------	Cu. W	0	------	Cu.
26	Calm	Calm	W	N	N	Calm	5	40.7	162.7	39.9	248.3	8	------	S.-Cu. N	0	------	Fr.-Cu.
27	NNW	Calm	NNW	NNW	NW	E	35.4	68.4	85.8	28	217.6	1	------	S.-Cu.	3	------	Cu. NNW
28	Calm	ESE	WNW	NW	WNW	NW	23	69.2	97.2	14.5	203.9	0	------	Cu.	1	------	Cu. NW
29	N	SSE	W	WNW	NNW	NNW	33	55.7	98.8	40	227.5	0	------	------	0	------	Fr.-Cu.
30	Calm	NNW	NW	NW	NNW	NNW	24.7	48.6	81.1	68.1	222.5	0	------	Cu.	0	------	Cu.
31	NNW	NNW	N	NW	NNW	Calm	29.5	64.9	97.1	35.1	226.6	3	------	S.-Cu. NNW	5	------	Cu. NW
Mean	------	------	------	------	------	------	20.1	52	97.6	32.2	201.2	2.1	------	------	1.8	------	------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 12.2 meters ; gravity correction not applied, —1.61 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.13	58.76	60.22	58.57	58.80	59.65	59.02	24.7	24.5	29.3	30	27.7	25.5	27	31.3	24.4	97	97	82	73	85	98	88.7	------
2	59.51	59.80	60.52	59.29	59.65	60.59	59.89	23.4	23.1	30.4	30	27.2	25.8	26.6	31.7	22.7	98	94	79	80	94	97	90.3	------
3	59.64	59.92	61	59.55	59.88	61.35	60.22	24.4	23.7	30	29.7	28	25.7	26.9	32.1	23.5	97	100	82	80	81	95	89.2	------
4	60	60.15	60.60	58.90	59.09	60.81	59.92	23.8	23.6	30.3	29.3	27.3	26.7	26.8	32	23	97	92	70	78	92	96	87.5	------
5	60.11	60.73	60.95	58.26	59.09	60.60	59.96	26.1	24.5	30.2	30.8	31	29.1	28.6	32.3	24.2	96	99	78	72	75	77	82.8	------
6	59.15	59.47	60.75	58.47	59.17	60.43	59.57	27	25.3	30.5	30	29.2	27.1	28.2	32.7	25.2	84	92	80	81	77	91	84.2	------
7	59.62	60.22	60.89	58.92	59.02	60.48	59.86	25.5	24.7	30.8	29.6	26	24.8	26.9	32	23.6	90	92	70	79	86	86	83.8	------
8	59.83	59.87	60.93	59.75	60.14	61.38	60.32	22.6	23	31.5	31	29.3	27.7	27.5	32.8	22.3	95	96	68	70	68	70	77.8	------
9	60.85	61.20	62.47	60.49	61.18	62.49	61.45	27	27.2	32.5	30.3	30	28	29.2	33.5	26	67	65	55	63	64	63	62.8	------
10	61.45	61.38	62.26	60.75	60.95	61.25	61.34	26.1	25.4	31.5	30	27.6	26.5	27.8	33	25.2	68	70	60	75	85	82	73.3	------
11	60.06	60.38	61.32	58.99	58.53	59.59	59.81	25.4	25.3	30.5	30.6	28.7	26.7	27.9	32	25	83	81	66	71	83	93	79.5	------
12	58.90	59.24	60.29	58.88	58.93	59.67	59.32	25.4	24.3	30.6	31.5	28.7	26	27.8	32.8	24.1	93	95	72	69	76	86	81.8	------
13	59.04	59.11	60.32	58.80	58.85	60.60	59.45	24.3	24	30.2	30.7	28.6	26.4	27.4	32.4	23.3	87	87	74	70	82	89	81.5	------
14	60.02	59.82	60.73	59.73	60.15	61.35	60.30	25.1	24.2	31.8	30.8	28.2	25.8	27.6	33.2	23.7	89	90	62	67	77	89	79	------
15	60.71	60.87	61.62	60.26	60.10	61.88	60.91	24.5	23.3	31.1	30.2	28.5	25.8	27.2	32	23.1	94	93	69	77	79	91	83.8	------
16	61.05	61	61.35	58.96	59.13	60.48	60.33	24.8	24	31.5	31.7	28.3	26.6	27.8	33.5	23.7	91	94	73	66	85	93	83.7	------
17	59.21	59.52	59.92	57.95	58.50	59.74	59.14	25.3	24	30.5	30.8	28.3	26.3	27.5	32.8	23.8	95	91	72	72	82	94	84.3	------
18	58.59	58.70	60.14	58.52	59.32	60.51	59.30	25.9	24.7	30.3	32.2	28.7	26.6	28.1	33.3	24.1	91	92	69	70	80	92	82.3	------
19	59.60	59.93	60.77	58.68	59.54	60.76	59.88	24.8	23.8	30.8	31.8	28.8	27	27.8	32.8	23.6	97	97	80	77	88	92	88.5	------
20	61.04	61.50	62.16	60.18	60.74	62.47	61.35	26.5	25.8	31.5	32	28.4	27.5	28.6	32.8	25.6	93	97	75	74	89	88	86	------
21	61.66	61.81	62.32	60.53	60.73	61.84	61.48	27.5	26.5	31.8	32.3	29.8	28	29.3	33.5	26.3	88	94	78	80	90	81	85.2	------
22	60.95	60.86	60.82	58.93	59.41	60.40	60.23	27.4	26.3	31.7	32.2	29.7	28.8	29.4	33	26.2	84	90	74	74	84	86	82	------
23	59.45	59.51	60.43	58.61	58.93	60.63	59.59	27.5	26.5	32	32	29.4	27.7	29.2	33.5	26.4	87	88	74	72	84	83	81.3	------
24	59.52	59.07	60.21	58.77	59.38	60.38	59.56	26.4	25.5	32.7	32.4	29.5	27.3	29	33.5	25.3	88	89	69	73	83	90	82	------
25	59.18	59.52	60.49	58.66	58.83	60.38	59.51	26.7	26.3	32.3	32.4	30.2	28	29.3	33.7	26.2	93	95	75	68	85	96	85.3	------
26	59.62	59.89	60.48	58.63	58.98	60.22	59.64	26.5	26.7	31.2	33.3	30.5	28.7	29.5	34.2	26.2	96	94	77	71	82	93	85.5	------
27	59.63	59.89	60.53	59.18	58.60	60.62	59.74	27.5	26.9	32.7	32.5	29.5	28.2	29.6	33.4	26.7	92	90	73	76	85	91	84.5	------
28	59.54	59.10	59.18	57.95	58.10	59.45	58.89	27.5	25.7	32.8	31.7	29.3	27.9	29.2	34	25.2	91	94	71	75	90	92	85.5	------
29	58.49	58.42	58.61	57.25	57.44	58.50	58.12	26.4	25.5	32.5	31.8	30.3	28	29.1	33.8	25.1	93	85	68	78	77	90	81.8	------
30	58.34	59.08	59.54	57.93	58.70	59.93	58.92	28.1	27.4	32.9	31.8	29.5	28	29.6	33.6	26.9	82	84	68	76	84	83	79.5	------
Mean	59.76	59.96	60.73	59.01	59.33	60.61	59.90	25.8	25.1	31.3	31.2	28.9	27.1	28.2	32.9	24.7	89.9	90.6	72.1	73.6	82.4	88.2	82.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	Calm	SW	WNW	NNW	Calm	30.6	82.6	73.8	22.5	209.5	0	------	S.-Cu.	1	------	Cu.
2	Calm	NW	W	NNW	NNW	NNW	22.5	57.7	106.4	47.7	234.3	0	------	------	4	------	Cu. W
3	NNW	N	SW	NW	NNW	N	12.6	54.9	82.6	67	217.1	1	------	S.-Cu.	2	------	Cu. NNW
4	N	NNE	NW	NNW	NNW	NW	49.9	78.3	137.9	32.7	298.8	0	------	------	0	------	------
5	N	N	WNW	NW	Calm	ENE	37.8	71.1	88.8	44.3	242	1	------	S.-Cu.	1	Ci.-S.	Cu.
6	ENE	NE	W	WNW	Calm	Calm	38.8	57.1	99.3	9.4	204.6	0	------	Cu.	5	Ci.-S.	Cu. WNW
7	Calm	Calm	NW	N	N	N	15	61.5	225.3	86.9	388.7	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. N
8	N	Calm	SW	NNW	NNW	W	14.8	44.6	88.8	31.2	179.4	2	Ci.	S.-Cu.	2	Ci.-S.	Cu.
9	E	E	NW	NW	NW	E	59.2	74.2	113.7	59.3	306.4	0	------	S.-Cu.	1	------	Cu.
10	E	E	WNW	WNW	NW	Calm	97.4	62.8	89.1	27.1	276.4	1	Ci.	Cu.	6	------	Cu. NW
11	SE	SSE	SW	WNW	NW	Calm	50.2	58.9	93.8	19.1	222	1	------	Cu.	2	------	Cu. WNW
12	Calm	NW	WNW	WSW	NW	Calm	14.7	60	90.3	21.9	186.9	0	------	Cu.	1	------	Cu.
13	Calm	NE	W	W	NW	Calm	23.5	49.3	90.6	26.2	189.6	0	------	Cu.	1	------	Cu.
14	Calm	E	W	NW	NW	N	25.1	60.6	126.5	68.7	280.9	0	------	Cu.	0	------	Cu.
15	N	N	WNW	NW	NNW	NNW	32.2	52.5	124.7	50.4	259.8	0	------	------	1	------	Cu.
16	NNW	ENE	WNW	WNW	NNW	NW	31.4	46.1	90.3	42.8	210.6	0	------	Cu.	1	------	Cu.
17	Calm	E	NW	WNW	N	N	27.1	61.8	121.2	40	250.1	2	Ci.	Cu.	1	------	Cu.
18	Calm	Calm	SSW	WSW	NW	Calm	27.1	71.3	80.7	17.4	196.5	0	------	------	1	Ci.-S.	Cu.
19	Calm	NNE	W	WNW	NNW	N	22.2	48.6	88.3	58.7	217.8	0	------	------	1	------	Cu.
20	NNW	NNW	NW	NNW	N	NNW	33.3	79.4	131.2	51.7	295.6	2	------	Cu.	3	Ci.-S.	Cu.
21	E	Calm	SW	WNW	SW	ENE	24.7	78.6	77.7	30.9	211.9	1	------	Cu.	4	Ci.	Cu. WSW
22	Calm	ESE	W	WSW	WNW	Calm	36.8	61.8	85.3	18.7	202.6	3	Ci.-S.	Cu.	4	Ci.-S.	Cu.
23	Calm	SE	W	WNW	NNW	E	25.5	73.8	96	21.5	216.8	0	------	------	3	Ci.-S.	Cu.
24	E	ESE	NW	NW	NNW	Calm	38	69.8	122.9	41.2	271.9	0	------	Cu.	1	Ci.-S.	Cu.
25	Calm	WSW	SW	NW	NW	NNW	28.4	60.6	95.2	56.1	240.3	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
26	Calm	ESE	SSW	WSW	NNW	Calm	26.2	90.9	90.9	41.6	249.6	0	------	------	1	Ci.-S.	Cu.
27	Calm	ESE	SW	NW	NW	NNW	22.8	78.4	105.7	62.8	269.7	1	Ci.	Cu.	5	Ci.-S.	Cu. NW
28	NNW	Calm	NW	NW	NNW	NNW	54.7	53.1	154.7	89.5	352	3	Ci.-S.	Cu.	1	Ci.-S.	Cu.
29	Calm	NE	SW	WNW	WNW	Calm	15.9	73.8	87.7	19.8	197.2	2	Ci.	Cu.	2	------	Fr.-Cu. NW
30	ESE	SE	SW	SW	NW	Calm	37.5	74.2	89.8	26.8	228.3	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	32.5	64.9	105	41.1	243.6	0.9	------	------	2.2	------	------
Total	------	------	------	------	------	------	-----	-----	----	-----	7,307.3	----	------	------	----	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, −1.61 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.41	59.83	60.06	58.47	58.90	60.42	59.52	26.6	26.2	31.7	31.7	30.2	28.5	29.2	33.7	25.7	90	89	70	77	82	87	82.5	------
2	60.14	60.58	61.46	59.68	59.91	61.54	60.55	27.2	25.7	31.5	31.5	30.2	28.5	29.1	33.1	25.5	94	98	77	77	75	84	84.2	------
3	60.25	60.30	61.06	58.60	58.51	59.85	59.76	27.7	26.4	31.3	32.8	30.3	28.5	29.5	33.2	26.1	91	94	78	69	78	76	81	------
4	58.71	59.25	60.31	58.22	58.42	58.75	58.94	26.9	27.7	31.7	32.3	30.5	27.7	29.5	33.8	26.4	89	79	65	59	60	72	70.7	------
5	57.46	57.91	58.81	56.41	57.41	58.40	57.73	26.7	27.2	31.2	33.5	30.2	27	29.3	34.2	26.2	74	72	66	52	66	69	66.5	------
6	57.65	58.45	58.81	57.16	58.92	59.45	58.41	25.7	26.3	33	32.1	24.7	26.5	28	34.2	23.2	76	74	52	58	92	74	71	9.7
7	58.27	58.99	59.78	58.17	58.79	60.22	59.04	26.3	25.5	31.6	32.8	29.2	27.9	28.9	32.9	24.1	79	88	67	59	80	91	77.3	------
8	58.47	58.82	59.88	57.83	57.56	58.80	58.56	26.8	27	31.8	31.8	30.4	27.7	29.2	33.4	26.1	86	79	64	70	75	72	74.3	------
9	57.50	57.86	58.34	56.31	55.99	56.61	57.10	27	27	31.8	33	30.2	28.5	29.6	33.7	26.7	71	74	63	64	80	76	71.3	------
10	56.01	56.32	57.13	54.77	55.17	56.82	56.04	27	26.7	30.6	32.6	29.9	28.5	29.2	33.7	26.2	78	77	66	65	75	86	74.5	------
11	56.44	56.57	57.33	56.33	56.62	58.13	56.90	27.5	27	32.7	31.8	30	28	29.5	33.7	26.5	80	80	64	71	77	82	75.7	------
12	57.74	58.05	58.42	57.62	58.12	59.63	58.26	26.4	26.5	33.1	33.2	30.7	28.7	29.8	34.5	26.2	89	88	63	66	72	80	76.3	------
13	58.46	58.76	59.63	58.45	58.49	59.75	58.92	27	26.7	32.8	32.8	29	27.8	29.4	34.1	26.4	90	92	62	68	90	82	80.7	4.8
14	58.85	58.87	59.56	58.07	58.99	59.98	59.05	26.6	26.2	32.7	32	26.2	27	28.4	33.6	25.5	90	93	65	66	98	95	84.5	17.5
15	59.02	59.37	59.86	58.63	58.95	59.85	59.28	26.4	26	32.7	32.5	31.1	27.5	29.4	33.3	25.5	94	95	67	69	74	88	81.2	------
16	58.54	58.76	59.42	57.77	58.33	59.89	58.78	26.8	26.3	31.5	32.7	30.8	27	29.2	33.8	25.7	92	93	70	67	75	90	81.2	------
17	58.66	58.80	59.32	57.92	58.70	59.54	58.82	26.5	26	31.8	33	28.2	27.5	28.8	33.6	26	88	89	69	70	84	87	81.2	------
18	58.61	58.93	60.03	57.88	57.85	59.39	58.78	26.8	26	33.3	32.3	31.2	29	29.8	34.8	25.7	89	90	61	67	74	83	77.3	2.5
19	58.46	58.62	59.42	57.22	58.31	59.60	58.60	27.5	26.3	31.8	33.8	26	25.5	28.5	35.2	25.2	92	94	69	63	100	96	85.7	5.8
20	57.83	58.06	58.89	57.58	57.93	59.88	58.36	25.7	26.3	33	31.8	30.8	27.5	29.2	33.6	25.2	97	94	67	72	73	95	83	------
21	58.64	59.17	59.66	58.48	59.62	61.34	59.48	27.3	27	32.5	31.7	26.5	26.8	28.6	34.2	26	91	94	71	78	99	99	88.7	2.8
22	60	60.39	61.03	59.02	59.33	61.19	60.16	25.9	26	32.1	33.5	30.1	26.1	29	34.2	25.2	98	98	72	67	85	98	86.3	9.4
23	59.95	59.75	60.46	58.81	58.45	60.03	59.58	27.1	27	31.8	32.7	29.5	25.9	29	33.4	25.4	91	94	74	72	82	98	85.2	7.1
24	59.01	59.17	59.40	57.46	57.91	58.82	58.63	25.5	25.7	32.7	31.8	25.7	26.5	28	34	23.8	96	96	65	74	93	90	85.7	8.4
25	58.12	58.06	58.84	57.33	57.25	58.89	58.08	25.5	26	32.6	32.7	31	29	29.5	34	25.3	92	85	62	65	71	81	76	------
26	58.34	59.15	59.66	57.33	57.25	58.73	58.41	27.5	27.4	32.5	33	29	27.8	29.5	34.2	26.7	87	84	55	61	78	76	73.5	.3
27	57.23	57.47	57.53	55.91	55.52	56.69	56.72	26.8	27.3	33	33.2	31.3	28	29.9	33.8	26	78	78	59	63	65	85	71.3	------
28	55.41	55.67	56.47	54.48	54.17	55.49	55.28	27.2	26.8	32	30.7	31	28.8	29.4	33.9	26.5	85	86	63	72	69	83	76.3	------
29	55	55.41	55.68	53.97	54.08	55.81	54.99	27.3	27.2	33	33.2	31	26.1	29.6	34.3	25.3	90	83	63	61	65	93	75.8	9.4
30	54.93	55.71	55.88	53.96	54.12	55.59	55.03	27	27.2	31.3	32.3	30.7	29.5	29.7	33.3	26.7	84	82	67	64	69	78	74	------
31	54.55	54.82	54.21	52.22	51.90	53.28	53.50	27.5	27.3	32	32.4	30.1	29.4	29.8	33.2	26.4	87	86	63	63	76	79	75.7	1
Mean	57.99	58.32	58.91	57.16	57.47	58.79	58.11	26.8	26.6	32.2	32.5	29.5	27.7	29.2	33.8	25.7	87.4	87	65.8	66.7	78.5	84.7	78.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	78.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ESE	SW	WSW	NNW	N	30.8	72.1	102.5	63.3	268.7	1	-----	Cu.	2	-----	Cu. WSW
2	N	NNE	W	NW	NNW	NNW	41.3	48.1	93.9	62	245.3	10	Ci.-S.	N. NNE	4	Ci.-S.	Cu. NW
3	NNW	NNE	NW	NNW	NNW	ESE	65.2	53.9	108.6	62	289.7	2	Ci.-S.	Cu.	3	Ci.	Cu.
4	ESE	ESE	SSW	NW	Calm	ESE	48.8	66.6	103.8	43.3	262.5	9	A.-Cu.	Cu.-N. SE	2	Ci.-S.	Cu.
5	ESE	ESE	WSW	WSW	NNE	E	56.6	69.5	90.4	68.4	284.9	1	Ci.	Cu.	2	Ci.-S.	Cu.
6	E	ESE	WSW	WNW	NNE	NE	58.1	69.5	129	58.9	315.5	8	A.-Cu.	Cu. SE	4	A.-Cu. NW	Cu.
7	E	ESE	WNW	NW	NNW	Calm	42.6	52.6	118.5	33.5	247.2	1	Ci.	Cu.	1	Ci.	Cu.
8	NNW	ESE	WSW	NW	NW	Calm	38.1	60.7	75.9	33.2	207.9	0	-----	Cu.	6	Ci.	Cu. WNW
9	SE	SE	SW	WNW	NW	Calm	50.5	62.3	92.8	22	227.6	4	A.-Cu.	Cu.	3	Ci.-S.	Cu.
10	SE	ESE	SW	WNW	NW	Calm	36.8	60.9	91.1	29.5	218.3	8	A.-Cu.	Cu. SW	2	Ci.-S.	Cu.
11	Calm	SE	SW	WNW	NNW	Calm	33.6	48.9	92	47.3	221.8	10	A.-Cu.	S.-Cu. SW	9	A.-Cu.	Cu. W
12	Calm	Calm	WSW	NW	NW	Calm	29	58.5	93.3	30.6	211.4	0	-----	Fr.-Cu.	4	Ci.-S.	Cu. NW
13	Calm	ESE	WSW	WNW	Calm	SE	29.8	57.6	83.7	32	203.1	0	-----	Cu.	7	Ci.-S. NE	Cu. WNW
14	SE	ESE	WSW	WSW	NE	SE	46.7	69.7	97.9	33.8	248.1	1	-----	Cu.	3	Ci.-S.	Cu. WSW
15	SE	ESE	SSW	W	NE	SE	38.9	57.9	82.1	35.2	214.1	1	-----	Cu.	4	Ci.-S.	Cu. W
16	Calm	ESE	SSW	WSW	WNW	SE	29.5	65.7	93.5	43.7	232.4	1	-----	Cu.	5	Ci.-S.	Cu. SW
17	SE	ESE	SSW	WNW	ENE	NE	44.1	52.6	109.4	68.6	274.7	1	-----	Cu.	7	Ci.-S.	Cu. WNW
18	SE	ESE	SW	WNW	SW	Calm	47.7	59.5	69.2	18.2	194.6	8	Ci.	S.-Cu.	8	Ci.-S. NE	Cu.
19	SW	Calm	SSW	SW	WSW	ESE	49.3	64.7	75.8	69.5	259.3	5	A.-Cu.	Cu.	7	Ci.-S. NE	Cu. SW
20	Calm	SE	W	WSW	WNW	SW	52.9	63.9	84.5	35.4	236.7	2	Ci.	Cu.	3	Ci.-S.	Cu.
21	Calm	ESE	WSW	NW	ENE	Calm	34.1	53.6	59.5	16.9	164.1	3	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N. NW
22	Calm	SE	WNW	NW	NW	SE	25.1	44.9	92.3	45.3	207.6	6	Ci.	Cu.	7	Ci. NE	Cu.
23	Calm	SE	SW	WSW	NE	Calm	33	59.2	59.8	49.1	201.1	8	A.-Cu. NE	S.-Cu. SE	5	Ci.-S. NE	Cu. WSW
24	ESE	ESE	WSW	NW	NE	ESE	44	45.1	111.8	49.1	250	0	-----	Cu.	3	Ci.-S.	Cu.
25	NNW	SSW	WNW	NW	WNW	SE	43	46.5	70.5	25.1	185.1	3	Ci.	Cu.	2	Ci.	Cu.
26	Calm	SE	SW	WNW	NNE	SE	30.1	54.7	85.5	44.3	214.6	2	-----	Cu.	4	A.-Cu.	Cu.
27	ESE	SE	WSW	WSW	NW	ENE	37.2	64.9	84.2	39.7	226	1	Ci.-S.	Cu.	2	Ci.	Cu. WSW
28	Calm	ESE	SSW	WNW	NW	Calm	36.2	74	82.3	23.8	216.3	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
29	N	SE	W	NW	N	N	20.6	54.4	111.5	57.9	244.4	7	A.-Cu.	Cu. SW	2	Ci.	Cu.
30	ESE	SE	SSW	WNW	NNW	Calm	34.1	62.5	97.9	35.2	229.7	2	Ci.	Cu.	3	Ci.	Cu.
31	SE	SE	NNE	Nbyw	N	Calm	55.8	69.4	163.6	54.7	343.5	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. NNE
Mean	-----	-----	-----	-----	-----	-----	40.8	59.5	93.8	43	237	3.6	-----	-----	4.4	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,346.2	-----	-----	-----	-----	-----	-----

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+[a]							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	51.92	51.92	52.60	51.48	51.77	54.03	52.29	27.2	26.7	28.1	29	27.5	25.3	27.3	29.6	24.2	90	94	89	81	90	98	90.3	155
2	53.19	53.36	54.91	53.80	53.90	55.30	54.08	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	54.95	55.25	55.70	54.40	54.85	56.50	55.28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	55.70	55.60	56	54.85	55	55.50	55.44	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	54.40	56.31	57.97	56.57	57.40	59.01	56.94	-----	24.3	25	26	25.7	25.5	25.3	28.2	24.2	-----	97	92	88	94	93	92.8	84.5
6	58.46	58.78	59.57	58.52	59.39	60.79	59.25	25.6	27	30.3	31.3	28.2	27.7	28.4	32	25.2	92	80	71	68	88	91	81.7	-----
7	58.70	58.87	59.90	58.79	58.53	59.80	59.10	26.1	25.9	30.7	31	29.6	27.2	28.4	32.2	25.5	95	90	67	67	70	88	79.5	-----
8	58.55	58.68	59.37	58.59	58.16	59.16	58.75	25.7	26	33.4	32	30	28.5	29.3	34	24.8	90	85	59	66	75	86	76.8	-----
9	58.46	58.77	59.24	58.38	58.73	59.70	58.88	26.6	26.7	31.3	31.7	29.5	26.6	28.7	33.5	25.7	94	91	71	66	76	85	80.5	-----
10	58.07	58.40	59.68	59.08	59	59.81	59.01	25.5	26	31.8	32	30	28	28.9	33.2	24.9	90	84	66	67	78	83	78	-----
11	58.75	58.88	59.58	58.81	58.58	59.29	58.98	26.5	26	31.7	31.9	29.3	27.9	28.9	33	25.3	89	88	65	65	77	84	77	-----
12	58.03	58.61	59.64	57.63	57.72	58.78	58.40	26.4	26.4	29.2	32.3	29.9	28.3	28.8	33.5	25.5	94	90	80	62	73	82	80.2	-----
13	57.60	57.86	58.43	57.38	58.12	59.52	58.15	27	26.7	32	32.2	23.4	24.8	27.7	33	23.2	86	83	61	67	94	91	80.3	41.4
14	58.25	58.48	59.85	58.48	59.24	58.70	58.83	24.5	25.6	31	31.7	26	26	27.5	32.7	24.3	91	88	64	68	81	82	79	-----
15	58.31	58.90	59.38	58.07	58.05	59.25	58.66	25.4	25.7	31.5	31.4	80.6	27.5	28.7	31.8	24.7	84	78	58	68	72	81	73.5	-----
16	57.79	57.98	58.58	56.73	56.27	58.06	57.57	26.3	25.5	32	32.2	30.2	28.4	29.1	33.5	24.8	84	87	69	61	74	85	76.7	-----
17	57.11	57.57	57.46	56.66	57.03	58.46	57.38	27.7	27.3	31.5	31.7	30	25.7	29	33.2	25.1	88	84	69	74	85	91	81.8	13.2
18	57.05	57.36	56.93	55.87	55.59	56.73	56.59	25.5	26	32.5	31.3	29.9	28.3	28.9	33.4	25.4	92	86	63	69	80	86	79.3	-----
19	55.14	55.01	53.98	51.70	49.77	48.10	52.28	27	25.7	30.3	29.5	28.1	27.8	28.1	31	25.3	86	88	74	76	77	75	79.3	11.8
20	49.90	52.29	53.94	54.60	54.38	56.08	53.53	23.8	23.5	26.3	27.2	27.7	28	26.1	28.2	21.6	97	83	62	73	81	81	79.5	1.1
21	56.24	56.90	58.39	57.75	58.03	58.95	57.71	27	26.3	28.6	28.7	28.2	26.9	27.6	29.6	25.8	86	88	83	82	83	91	85.5	-----
22	57.81	58.42	58.43	57.55	57.74	59.27	58.20	26.3	26.2	30.4	30.5	28.3	27.5	28.2	31.5	25.7	92	89	78	73	88	84	84	.5
23	58.20	58.65	58.75	57.58	57.88	59.32	58.40	26.5	26.2	30	30	28	27.3	28	31	25.7	89	93	72	75	87	93	84.8	-----
24	58.15	58.06	57.90	56.80	56.68	58.10	57.62	26	25.4	30.1	30.9	29.3	27.5	28.2	33	24.3	97	93	71	71	78	88	83	-----
25	57.30	57.35	57.23	56.78	57	58.69	57.39	26.4	26.7	30	30.5	28.9	26.8	28.2	31.6	24.9	92	88	71	71	78	86	81	4
26	57.94	58.32	57.77	56.50	56.60	57.75	57.48	25.8	26	31.3	31.1	29.2	28.2	28.6	33.5	25.2	93	96	70	71	82	87	83.2	-----
27	56.70	56.99	56.65	55.33	55.17	56.39	56.20	27.2	26.4	30.9	31.2	29.8	28.1	28.9	32.4	26.1	89	90	71	70	74	88	80.3	-----
28	54.94	55.07	54.90	53.74	54.09	54.57	54.55	26.5	25.8	32.8	31.7	29	26.8	28.8	34.1	25	92	93	60	62	75	86	78	-----
29	54.07	54.74	55.23	53.91	54.58	55.12	54.61	24.8	25	31.7	31.8	29.9	26	28.2	32	23.7	90	88	58	55	73	84	74.7	-----
30	54.46	55.15	54.78	54.17	54	54.98	54.59	24.9	25.1	30.9	31.9	29.8	28	28.4	33	24.6	86	84	66	67	79	85	77.8	-----
Mean	56.54	56.95	57.42	56.35	56.44	57.52	56.87	26.1	25.9	30.6	30.8	28.7	27.2	28.2	32.1	24.8	90.3	88.1	69.6	69.7	80.1	86.4	80.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	311.5[b]

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	Calm	SW	WSW	NW	SSW	23.8	31.9	55.3	52.8	163.8	10	-----	Cu.-N. N	10	-----	N. W
2	Calm	S	SSW	-----	-----	-----	18.7	58.4	43.5	-----	-----	10	-----	N. S	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	SSW	SSW	SSW	SW	SSW	-----	-----	142.4	76.4	-----	10	-----	N. SSW	10	-----	N. SSW
6	Calm	SSW	SSW	SW	WSW	Calm	75.6	110.8	87.5	27.6	301.5	10	A.-Cu.	Cu.-N. SW	7	A.-Cu.	Cu.
7	ESE	SE	SW	WSW	Calm	Calm	41.2	58.9	44.6	9.2	153.9	8	A.-Cu.	Cu. SW	4	Ci.-S.	Cu.
8	SE	ESE	Calm	WNW	NW	Calm	32.2	30.4	56.5	10.3	129.4	1	Ci.-S.	-----	4	Ci.-S.	Cu.
9	NNW	Calm	SW	WNW	Calm	Calm	23.6	52.5	50.4	33.2	159.7	4	Ci.	Cu.	2	Ci.-S.	Cu.
10	ESE	E	WNW	NW	NW	Calm	34.3	44.3	60.4	21.5	160.5	1	Ci.	Cu.	3	Ci.	Cu. NW
11	Calm	ENE	NW	NW	NNW	NNW	25.7	37.2	84.5	33.6	181	3	Ci.	Cu.	2	-----	Cu. NW
12	Calm	ESE	NW	NNW	NW	Calm	17.2	46.5	79.9	28.8	172.4	3	Ci.	Cu.	2	Ci.	Cu.
13	Calm	ESE	WNW	WNW	E	Calm	25.1	54.9	95.3	43.1	218.4	6	Ci.	Cu.	7	Ci.-S.	Cu. NW
14	ESE	ENE	SW	NW	E	Calm	44.6	44.8	78.3	49.4	217.1	7	A.-Cu.	Cu.	7	Ci.-S.	Cu. NW
15	SE	ESE	SW	WNW	E	Calm	60.7	54.4	60.7	19	194.8	0	-----	Cu.	1	-----	Cu.
16	SE	ESE	WNW	NW	NNW	Calm	26.8	45.3	92.2	25.5	189.8	1	Ci.	Cu.	3	Ci.-S.	Cu.
17	Calm	SE	SW	SW	ESE	Calm	30.8	70.8	81.5	43	226.1	1	A.-Cu.	Cu.	7	-----	Cu. SW
18	SE	SE	Calm	NW	NW	Calm	54.4	49.9	88	18	210.3	3	Ci.	Cu.	7	Ci.	Cu.
19	Calm	SE	Calm	NbyE	NbyE	Nbyw	17.2	21.5	77	114.3	230	9	Ci.-S.	S.-Cu. E	10	-----	Cu.-N. EbyN
20	S	S	SSW	SW	SSW	SW	254.4	278.4	193.1	139.2	865.1	10	-----	N. S	10	-----	N. SSW
21	SW	SbyW	SW	SW	SW	Calm	66.6	96.8	81.5	11.6	256.5	10	-----	Cu.-N. ssw	10	A.-Cu.	Cu.-N.
22	Calm	SE	WSW	NW	NW	Calm	29.2	31.9	63.3	18.8	143.2	10	A.-Cu.	S.-Cu.SSW	9	A.-Cu.	Cu.-N. NW
23	Calm	Calm	Calm	NW	NW	Calm	8.3	27.7	70	25.4	131.4	10	-----	Cu.-N. NNW	10	A.-Cu.	Cu. NNW
24	Calm	Calm	WSW	SW	W	Calm	19.1	35.2	58.2	23.9	136.4	8	A.-Cu. ssw	Cu.	8	A.-Cu. ssw	Cu. SW
25	SE	Calm	WNW	WNW	Calm	WNW	17.9	49.6	82.4	24.6	174.5	2	A.-Cu.	Cu.	9	A.-Cu.	Cu. NNE
26	Calm	Calm	SW	W	NW	Calm	17.4	30.6	72.4	10	130.4	9	A.-Cu. W	Cu.-N. SE	3	Ci.	Cu.
27	Calm	SE	SW	WNW	NW	Calm	20.4	46.1	70.5	7.8	144.8	5	Ci.	Cu.	8	Ci.-S.	Cu. NW
28	Calm	E	Calm	NW	NNW	Calm	23.8	25.7	86.3	24.3	160.1	7	Ci.-S.	Cu.	7	Ci.-S. SSW	Cu.
29	Calm	E	SW	WNW	Calm	Calm	27.9	44.5	51.3	-----	-----	7	Ci.-S.	Cu.	3	Ci.	Cu.
30	Calm	SE	SSW	SW	SW	SW	-----	71.8	71.6	58.5	-----	6	Ci.	Cu.	7	Ci.-S.	Cu. SSW
Mean	-----	-----	-----	-----	-----	-----	39.9	57.5	77.8	36.5	210.5	6.1	-----	-----	6.3	-----	-----

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[a] The barometric readings for June 2, 2 p. m. to 5, 2 a. m., are taken from a self-registering apparatus.

[b] 27 days of observation.

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, −1.61 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.41	54.62	55.30	54.38	55.09	57.60	55.23	26.9	27	30.7	31.7	28.5	24.9	28.3	32.2	24.5	89	88	69	70	85	96	82.8	47.8
2	55.65	56.22	57.28	55.87	56.53	58.17	56.62	25.5	25	29.5	31.5	29	25.3	27.6	31.7	24.5	91	93	76	68	76	91	82.5	17.8
3	56.58	56.75	56.95	55.80	56.19	56.40	56.44	25.1	25.2	31	30.5	28.5	25.5	27.6	32	24.2	91	92	67	76	87	93	84.3	44.4
4	55.45	55.87	55.80	54.93	54.79	56.77	55.60	25.7	25.5	30.7	30.5	28.5	24.7	27.6	31.1	24.4	92	93	66	74	85	98	84.7	11.5
5	54.34	54.13	54.68	53.57	53.40	54.80	54.15	24.5	25.3	29.8	30.3	26.7	26	27.1	30.5	24.2	96	89	73	74	90	88	85	121.9
6	53.13	53.08	52.88	51.70	51.37	52.32	52.41	25.3	24.6	28.2	29.3	27.3	26	26.8	29.6	23.4	89	97	81	81	87	98	88.8	34.9
7	51.25	50.37	50.36	49.83	50.26	52.19	50.71	24.9	25	25.5	27	26.5	25.2	25.7	27.6	24.4	98	99	98	93	94	98	96.7	133.2
8	51.55	51.87	53.98	54.13	54.49	56.21	53.70	25	25.5	24.5	25.4	24.5	24.1	24.8	25.6	22.3	98	96	100	97	97	99	97.8	171.7
9	55.59	55.66	55.80	55.54	55.81	57.07	55.91	24.2	25	29.3	29	27.5	26.5	26.9	31	23.7	98	96	77	86	92	91	90	30.2
10	56.04	56.17	56.74	55.93	55.96	56.95	56.30	27.5	27	30	30	27.5	27.1	28.2	30.3	24.7	85	86	82	83	92	89	86.2	22.1
11	55.54	55.61	56.29	55.38	54.90	55.86	55.60	26.5	27.5	29.2	29.5	28.1	27.2	28	30.7	25	94	92	85	89	91	94	90.8	13.7
12	54.95	54.70	55.06	54.90	55.08	55.76	55.08	27.9	27.7	28	28.5	25	26	27.2	29.3	23.7	91	91	92	91	98	98	93.5	46.8
13	54.80	54.91	55.94	55.65	55.80	56.54	55.61	27.2	26.2	26.7	28.1	28.2	26.5	27.2	28.7	24.5	90	94	90	95	95	92	92.7	24.7
14	56.41	56.53	57.49	56.59	57.40	58.10	57.09	25.4	26.5	29.2	30	28	27	27.7	30.7	24.9	97	86	83	80	83	90	86.5	------
15	57.45	57.56	58.30	57.03	57.74	58.42	57.75	26.7	26.5	30.4	29.5	27	25.7	27.6	31	25.5	89	87	69	81	94	90	85	2.6
16	57.20	57.12	57.13	55.67	55.78	57.40	56.72	25.6	25.2	29.2	29.2	26.9	25.1	26.9	31.2	23.2	90	92	74	80	93	98	87.8	34
17	55.44	55.16	56.15	54.85	55.33	56.90	55.64	24.2	25	29.1	30	29.2	25.7	27.2	30.8	24	97	94	77	82	83	96	88.2	4.9
18	55.67	55.51	55.93	55.22	55.38	57.21	55.82	25.6	25.3	29.2	29.3	27.3	25.5	27	31.3	23.9	86	95	80	81	92	98	88.7	49.5
19	56.46	56.52	56.85	55.82	55.65	57.48	56.46	24.3	25.4	29	30.5	28.5	27	27.4	31.8	24	99	95	80	74	84	90	87	20.1
20	56.75	56.50	57.64	56.17	56.26	57.55	56.81	25.8	25.5	29.6	30.7	28.7	26.7	27.8	31.2	24.5	96	98	79	77	85	94	88.2	1.3
21	56.80	56.87	57.73	56.27	56.57	57.55	56.96	25.8	25.5	31.1	30.5	26.7	25.7	27.6	31.5	24.7	93	93	75	78	97	94	88.3	8.2
22	56.06	56.12	55.96	55.02	55.12	56.49	55.80	25.3	25	29.8	30	29	25.3	27.4	30.9	24.2	92	92	74	84	81	98	86.8	14.5
23	55.25	54.17	54.65	53.62	53.38	54.73	54.30	24.9	24.8	29.5	30.7	29.7	27.4	27.8	31.4	24	95	91	76	75	79	93	84.8	------
24	53.45	53.42	54.28	53.75	53.55	55.43	53.98	26	25.9	29.6	30.7	26.7	24.9	27.3	30.9	24.3	97	93	77	75	96	98	89.3	42.5
25	53.42	53.13	53.81	52.88	52.73	53.52	53.25	25.7	27	29.5	30.2	27	27.1	27.8	30.6	24.9	91	88	78	75	83	81	82.7	60
26	52.84	53.38	54.22	53.63	54.59	56.21	54.14	24	24.4	26	27	22.5	24.1	24.7	27.6	21.7	100	94	94	92	98	97	95.8	107
27	55.82	56.21	56.77	56.47	56.19	57.19	56.44	24.2	23.5	24.5	25	25.2	25.3	24.6	27	22.8	97	100	89	89	83	83	90.2	9.2
28	56.74	57.77	58.97	57.82	58.02	59.10	58.07	25.2	25.5	27.7	27.7	27.6	26.7	26.7	28.6	23.8	83	85	87	83	86	90	85.7	1.5
29	58.43	58.70	59.74	57.66	58.65	60.28	58.91	26.5	25.7	27.8	28.3	27.6	25.7	26.9	29.3	24.8	91	94	91	89	93	96	92.3	6.2
30	58.47	58.66	59.11	57.99	58.18	59.01	58.57	25.1	25	28	29.5	28	26.7	27	30	24.5	96	92	81	84	85	94	88.7	------
31	58.05	58.26	58.84	57.90	58.64	59.33	58.50	25.7	25.2	28.8	30.3	27.5	25.5	27.2	31	24.8	96	91	72	79	84	86	84.7	4.6
Mean	55.48	55.53	56.15	55.22	55.45	56.73	55.76	25.6	25.6	28.7	29.4	27.4	25.9	27.1	30.2	24.1	93.1	92.5	80.4	81.8	88.6	93.3	88.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1,086.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	SSW	SW	SW	SW	SSW	36.4	75.6	105.2	43.3	260.5	7	A.-Cu.	Cu. SSW	3	Ci.	Cu.
2	SE	SE	SW	SW	Calm	E	36.4	48.8	43.3	55.3	183.8	10	A.-S.	Cu.	7	A.-Cu.	Cu.
3	Calm	E	SW	WSW	Calm	Calm	20.1	47.2	62.8	33	163.1	7	A.-Cu.	Cu.	7	Ci.-S.	Cu. SW
4	ESE	SE	SW	SW	SW	SW	35.1	52.1	86.9	53.3	227.4	5	Ci.	Cu.	7	Ci.-S.	Cu. SW
5	SSW	ESE	SSW	SW	SW	S	49.1	61.2	104.6	67.6	282.5	6	Ci.	Cu.	8	Ci.-S.	Cu. SSW
6	SE	SSE	SSW	SSW	S	SSE	74	96.3	133	100.8	404.1	10	------------	N. S	7	A.-Cu. SW	Cu.-N. SSW
7	S	SSE	SSW	WNW	SSW	S	113.8	161.1	83.7	112.9	471.5	10	------------	N. SSW	10	Ci.-S.	N. WNW
8	SSE	SSE	SSE	SSW	SSW	SSW	138.2	122	124.4	44	428.6	10	------------	N. S	10	------------	N. S
9	Calm	SSW	SSE	SSW	SW	S	67.3	77.7	108.3	69.5	322.8	10	------------	N. SSW	10	A.-Cu.	Cu.-N. SSW
10	S	S	SSW	SSW	SW	SW	76.2	90.7	95.5	82.6	345	5	A.-Cu.	Cu.-N. SSW	8	Ci.-S.	Cu. SSW
11	SW	WSW	WSW	SW	SW	SW	84.7	92.3	110.4	103	390.4	10	------------	Cu.-N. SW	10	------------	Cu.-N. SW
12	SW	SW	SW	SW	SSE	SSE	107.2	122	116.9	107.6	453.7	10	------------	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
13	SSW	SW	S	SSW	SSW	S	138.6	123.7	138.6	98.2	499.1	10	------------	Cu.-N. SW	10	------------	Cu.-N. SSW
14	SSW	S	SSW	SSW	SW	SSW	85.6	102.7	110.7	62.3	361.3	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S., A.-Cu.	Cu. SSW
15	SSW	SSE	SW	SW	ESE	ESE	38.6	63.9	63.4	45.1	211	8	A.-Cu.	S.-Cu. SSW	8	A.-Cu.	Cu. S
16	ESE	Calm	SSW	WSW	Calm	SSW	34.4	56.5	46.7	49.9	187.5	10	A.-Cu. E	Cu.	8	Ci.-S.	Cu. SW
17	Calm	ESE	SW	WSW	WSW	SE	23.1	57.7	59.8	28.8	169.4	6	Ci.-S. N	Cu.	4	------------	Cu. SW
18	SSE	Calm	NNW	WSW	WNW	SSE	29.2	39.2	67	32.2	167.6	2	------------	Cu.	8	A.-Cu.	Cu. WSW
19	SW	Calm	SSW	W	NW	Calm	21.1	45.6	54.7	32.5	153.9	7	A.-Cu.	S.-Cu.	7	------------	Cu. SW
20	Calm	Calm	NNW	NW	Calm	NE	15.5	33.5	52.6	23.1	124.7	1	Ci.-S.	Cu.	6	Ci.-S.	Cu. NW
21	ESE	NE	NW	W	Calm	ESE	42.6	31.9	57.6	28.5	160.6	5	Ci.	Cu.	8	Ci.-S.	Cu. WNW
22	E	E	SSW	WSW	WNW	E	41.8	55.2	74.3	54.1	225.4	4	A.-Cu.	Cu.	7	------------	Cu. W
23	ENE	ENE	SW	WSW	Calm	Calm	49.7	36.2	55.7	15.3	156.9	1	------------	Cu.	7	------------	Cu. W
24	Calm	E	SSW	SW	Calm	SSW	26.8	62.6	84	73.2	246.6	7	A.-Cu.	Cu.	7	Ci.-S.	Cu. SSW
25	SSW	SSW	SSW	SSW	SSW	SSW	67.1	133.6	139.7	129.5	469.9	10	------------	Cu.-N. SSW	9	A.-Cu. SW	Cu.-N. SSW
26	SSW	SSW	WSW	SSW	SE	SSW	185.3	115.7	99.3	103.2	503.5	10	------------	N. SSW	10	------------	N. SW
27	S	SSE	SSW	SSW	S	SSW	91.4	112.3	108.6	58.4	370.7	10	------------	N. S	10	------------	N. SSW
28	SSW	SSW	SSW	SSE	WSW	SW	50.9	60.9	45.9	35.4	193.1	10	A.-Cu.	Cu.-N. SSW	10	A.-Cu.	Cu.-N. S
29	SSW	SE	SW	SW	Calm	SSE	32	48	39.2	29.5	148.7	9	A.-Cu. W	Cu.-N. SSW	10	A.-Cu.	Cu.-N. SSW
30	SE	ESE	SSE	SSW	Calm	Calm	50.7	50.5	53.1	18	172.3	10	A.-S.	Cu.-N.	9	Ci.	Cu. SSW
31	Calm	SE	SSW	SSW	Calm	SE	38.9	60.2	56	40.2	195.3	7	A.-Cu.	Cu.	7	Ci. NNE	Cu. SW
Mean	------	------	------	------	------	------	61.3	75.4	83.3	59	279.1	7.6	------------	------------	8.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,650.9	----	------------	------------	----	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.54	59.02	59.67	58.20	58.89	60.74	59.18	24.7	24.5	30.3	30.5	28.5	25.8	27.4	31.2	24.1	92	89	72	76	87	93	84.8	2
2	59.15	59.29	59.29	57.98	57.79	59.52	58.84	25.3	24.5	30.8	30.2	28	25.9	27.4	31.3	24	93	94	74	78	85	92	86	-----
3	58.20	58.17	58.39	56.92	56.98	57.87	57.76	24.8	23.7	29.2	30.4	29	26.5	27.3	31.4	23.3	93	96	77	68	81	92	84.5	-----
4	57.35	57.42	58.46	57.25	57.22	58.17	57.64	25.5	25	29.5	29.2	28.8	26.8	27.5	31	24.5	91	93	79	83	85	90	86.8	-----
5	57.05	57.07	58.38	57.49	57.53	58.75	57.71	25.2	24.5	29	31	29.8	26.2	27.6	31.5	24.2	90	92	81	74	77	86	83.3	-----
6	57.45	57.77	58.58	56.94	56.88	57.92	57.59	25.2	24.6	30.8	30.8	28.9	27	27.9	31.3	23.7	90	92	72	72	84	88	83	-----
7	57.28	57.80	58	57.09	56.77	57.65	57.43	25.5	25.7	31.2	31.5	29	27.5	28.4	34	25	93	86	74	73	87	92	84.2	2.5
8	56.55	57	57.54	56.09	56.96	57.95	57.02	26.6	26.2	30.7	31	26.5	25.2	27.7	31.5	24.8	92	90	72	77	94	94	86.5	23.8
9	56.74	57.13	57.35	56	56.20	58.25	56.94	24.5	24.2	29.2	30.6	29.3	23.6	26.9	31.5	23.3	96	97	81	80	86	99	89.8	6.1
10	56.85	56.09	56.51	54.68	54.55	56.11	55.80	25.3	24.5	29.5	30.5	26.5	25.4	27	31	24.3	93	97	78	76	96	93	88.8	4.1
11	54.67	54.42	54.41	53.04	52.74	53.98	53.88	25.2	24.9	30	27.5	24.9	25.2	26.3	31.5	24.5	95	96	82	84	98	98	92.2	14
12	52.68	52.77	53.36	52.35	52.40	53.05	52.77	24.8	24.8	27.2	29.5	26.4	24.5	26.2	29.9	24.2	99	98	90	81	90	100	93	32.8
13	51.84	51.37	52.31	51.96	52.17	53.06	52.12	25.2	25	28.5	25	25.5	25.4	25.8	29.4	23.5	95	98	87	96	100	94	95	26.3
14	52.63	53.42	54.69	53.98	54.27	55.55	54.09	27.1	26.8	28.8	30.5	28	27.7	28.2	30.8	25.5	85	87	80	78	85	83	83	-----
15	54.86	55.12	56.68	56.30	56.57	57.76	56.22	27	26.8	28.5	26.2	27	25.8	26.9	29.7	25.3	83	82	78	90	80	89	83.7	1
16	56.60	56.66	57.07	56.90	56.55	58.40	57.03	25.7	25.2	28.5	30.5	29	27.1	27.7	31.5	24.2	86	87	78	67	81	86	80.8	-----
17	57.91	58.40	58.43	57.11	57.87	58.48	58.03	25.3	25	29.5	31.5	25.8	26	27.2	32.6	24.8	90	92	73	63	92	84	82.3	1.5
18	57.25	57.17	58.33	56.89	57.49	59.16	57.72	25.6	24.3	29	31.7	27.9	24.7	27.2	32.8	23.8	85	91	74	70	82	94	82.7	.8
19	56.68	56.59	57.04	55.79	56.12	57.52	56.62	24.4	24.8	29.5	30.2	26.5	24.8	26.7	30.7	24.3	91	87	70	72	91	92	83.8	20.8
20	56.01	55.46	55.55	53.81	53.88	55.35	55.01	24.7	24.2	26	27.5	25	25.2	25.4	28.5	23.1	93	98	84	82	94	97	91.3	45.3
21	53.17	53.04	53.24	52.91	52.39	54.84	53.26	26.1	25	25.3	24.3	24.9	24.3	25	27.3	23.2	89	92	95	96	98	98	94.7	156.7
22	53.82	54.02	54.95	54.39	54.94	56.27	54.73	25.6	25.7	24.3	24.7	24	23.8	24.7	26	23.2	92	92	97	95	98	97	95.2	136.9
23	55.91	55.53	56.61	55.30	55.52	57.86	56.12	24.2	23.5	26.7	29.1	26.6	24	25.7	29.6	23.1	96	97	89	81	91	98	92	266.7
24	56.54	56.62	57.42	56.40	56.20	57.70	56.81	22.9	24.7	25.4	26.2	25.7	24.8	25	26.6	22.2	100	97	93	94	93	97	95.7	127.5
25	56.34	55.92	56.07	54.90	54.23	55.23	55.45	24.3	26	28	27.6	26.3	27.3	26.6	29	23.9	96	89	83	86	94	86	89	107.1
26	53.97	53.24	54.16	51.82	51.02	52.64	52.81	26.1	24.4	24	26.7	27	24.5	25.4	28.2	22.5	95	98	97	93	88	98	94.8	140.2
27	51.05	50.71	50.64	49.69	50.43	51.59	50.68	24.5	24	25.4	26	25	26	25.2	26.9	23	98	100	93	94	99	92	96	145.1
28	51.65	51.98	53.22	53.51	53.81	55.30	53.24	24.9	26.8	27.5	23.5	27	26.2	26	28.8	23.2	97	87	90	100	90	94	93	31.4
29	55.01	55.40	56.66	55.85	55.76	56.90	55.93	26	25.5	25.5	26	26.2	25.5	25.8	27.7	24	94	96	96	94	94	96	95	42.8
30	56.15	56.07	56.61	55.52	55.74	56.35	56.07	24.7	24.5	26.7	28.9	27.3	25.7	26.3	29.2	24	96	96	92	84	90	96	92.3	40.4
31	54.66	54.14	55.25	54.07	53.91	54.84	54.48	25.5	26.2	28.5	28.9	27.3	25.2	26.9	29.5	24	96	96	85	82	89	96	90.7	20.3
Mean	55.63	55.64	56.29	55.20	55.28	56.61	55.77	25.2	25	28.2	28.6	27	25.6	26.6	30.1	23.9	92.7	93	82.8	81.9	89.6	93	88.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,396.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	ESE	ESE	SW	WNW	NW	Calm	57.3	46.4	67.1	43.8	214.6	2	Ci.	Cu.	2	--------------	Cu.
2	Calm	ENE	N	NW	NNW	Calm	24.4	38.8	101.4	24.1	188.7	1	Ci.	Cu.	4	Ci.-S.	Cu. N
3	NNE	NNE	NNE	NW	NNW	Calm	22.5	77.9	122.5	36.2	259.1	1	--------------	Cu.	2	Ci.-S.	Cu.
4	Calm	NE	SW	NNW	NW	SE	27.7	34.6	65.5	28	155.8	8	A.-Cu.	S.-Cu.	5	Ci.	Cu. N
5	E	NE	SW	NW	NW	E	40.5	38.6	84.7	52.3	216.1	1	Ci.	Cu.	7	Ci.-S.	Cu. NW
6	NE	NE	NNW	NNW	N	SE	31.9	52.3	119.9	33.8	237.9	2	Ci.	Cu.	5	--------------	Cu. NNW
7	ESE	SE	Calm	W	NW	Calm	50.4	53.6	54.7	7.4	166.1	1	--------------	Cu.	6	--------------	Cu.-N. NW
8	E	SE	SW	WSW	Calm	E	54.2	58.1	56.3	50.4	219	1	--------------	Cu.	7	--------------	Cu.-N. NE
9	Calm	NE	SW	WSW	WNW	Calm	36	46.9	49.3	35.7	167.9	2	Ci.	Cu.	2	Ci.	Cu.
10	Calm	ESE	NW	WNW	NNW	SW	25.2	41.5	80.8	38	185.5	7	Ci.	Cu.	7	Ci.-S.	Cu. WNW
11	Calm	Calm	NNW	NNE	N	Calm	23.1	37.5	54.2	20.1	134.9	7	Ci.	S.-Cu.	10	--------------	Cu.-N. NNW
12	Calm	Calm	SW	Calm	S	SSW	17.2	44.3	20.3	41.6	123.4	10	A.-Cu.	Cu.-N. NNW	10	A.-Cu.	Cu.-N. WSW
13	SSW	SW	WSW	WNW	SW	SW	67	104.1	71.9	95.8	338.8	10	--------------	Cu.-N. SW	10	--------------	N. WSW
14	SW	SSW	SW	SSW	SSW	SSW	138.6	140	131.8	116.5	526.9	10	--------------	Cu.-N. SSW	8	Ci.-Cu.	Cu.-N. SSW
15	SSW	SSW	SW	SSW	SE	SE	97.7	110	117.8	38.6	364.1	7	A.-Cu.	Cu. SSW	10	A.-Cu.	Cu.-N. SSW
16	SE	SE	SW	WSW	Calm	Calm	65.8	60.4	45.4	26.9	198.5	3	Ci.	Cu.	7	Ci.	Cu.
17	SSW	S	WSW	WSW	ESE	ESE	44.3	53.4	44.3	71.4	213.4	7	A.-Cu.	Cu.	3	Ci.-S.	Cu.
18	ESE	E	SSW	SW	WNW	SW	58.7	47.5	67.8	35.7	209.7	3	Ci.-Cu.	S.-Cu.	6	Ci.-S.	Cu. SW
19	SE	SE	SSW	SSW	Calm	SSW	44.5	68.6	81.1	63.1	257.3	8	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
20	SSW	SSE	SSW	SSW	SW	SW	51.7	90.4	108	82.9	333	10	--------------	N. SSE	10	--------------	Cu.-N. SSW
21	SW	SSW	SSW	WSW	WSW	Calm	124.1	131.2	147.5	102.4	505.2	10	--------------	N. SW	10	--------------	N. SW
22	SW	WSW	SSE	SSE	SSW	SSW	82.4	74.2	72.1	64.9	293.6	10	A.-Cu.	Cu.-N. SW	10	--------------	N. SW
23	SSW	SSE	SSW	SSW	SSW	SSW	37.6	84.5	130	104	356.1	10	--------------	Cu.-N. SW	8	A.-Cu. SW	Cu. SSW
24	S	SSW	SSW	SSW	SSW	SSE	81.8	92.7	106.2	-----	-------	10	--------------	N. SSW	10	--------------	Cu.-N. SSW
25	SSE	SSW	SSW	SSW	SW	SW	-----	-----	-----	-----	-------	10	--------------	N. SSW	10	A.-Cu.	N. SSW
26	SW	SW	S	SSW	SSW	SSW	-----	-----	-----	-----	-------	10	--------------	N. SSW	10	--------------	N. SSW
27	SSW	SSW	SSW	SSW	SW	SSW	-----	-----	-----	-----	-------	10	--------------	N. SSW	10	--------------	N. SSW
28	SSW	SW	SW	W	WSW	SW	-----	-----	-----	-----	-------	10	Ci.-S.	Cu.-N. SSW	10	--------------	N. SW
29	SW	SW	SW	SW	SSW	SSW	-----	-----	-----	-----	-------	10	--------------	N. SSW	10	--------------	Cu.-N. SW
30	SSW	SSW	SSW	WSW	WSW	SW	-----	-----	-----	-----	-------	10	--------------	N. SSW	8	A.-Cu.	Cu. WSW
31	SW	WSW	WSW	WSW	SW	S	79.4	110.7	103.6	76.2	369.9	10	--------------	N. WSW	10	A.-Cu.	Cu.-N. SW
Mean	------	------	------	------	------	------	55.4	69.5	84.2	53.7	259.8	6.8	--------------	--------------	7.6	--------------	--------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.72	53.62	54.47	53.37	53.50	54.62	53.88	27.1	26	25.5	27.3	26.8	26.2	26.5	28.5	24.7	88	96	98	92	94	93	93.5	61
2	53.74	53.63	54.67	53.62	53.88	55.16	54.12	25.5	25	25.9	25.2	25.5	24.7	25.3	26.7	24.3	95	98	97	98	93	97	96.3	99.5
3	53.74	53.69	54.55	53.07	53.54	55.88	54.08	24.8	24.7	28.3	27.8	25.5	24.4	25.9	30.6	23.4	92	94	82	86	98	98	91.7	65.6
4	54.64	53.99	54.93	53.41	53.49	54.85	54.22	24.1	24	27	27.7	25.5	25.8	25.7	29	23.3	97	96	83	88	96	91	91.8	28.2
5	53.99	53.66	54.54	52.75	52.24	53.12	53.38	24	23.7	25.5	27.3	25	25.5	25.2	28	23.2	97	100	93	87	96	93	94.3	16.4
6	51.82	51.29	51.90	51.47	51.90	53.12	51.92	25.1	24.5	28.2	27	26.9	25.5	26.2	28.8	23.8	97	100	89	90	90	96	93.7	14.7
7	52.53	53.17	54.25	53.40	53.22	54.61	53.53	25.6	26	29	29.2	27.3	26.7	27.3	31	24.9	95	96	88	80	91	90	90	3.3
8	54.37	53.92	54.30	53.12	53.82	54.94	54.08	25	24.9	28.9	29.2	27.4	26.8	27	30.2	24.5	93	90	77	83	87	91	86.8	1.1
9	54.34	54.07	54.82	53.77	53.56	55.17	54.29	26.1	24.7	27.5	29.3	27.5	26.7	27	30.5	24.4	92	96	83	83	91	94	89.8	32.8
10	54.62	55.17	56.16	55.11	55.19	56.82	55.51	26.4	23.7	25.5	29.5	27.5	26	26.4	30.3	22.7	94	100	95	83	87	94	92.2	32.2
11	55.85	55.82	56.65	56.03	55.96	57.47	56.30	24.5	25	28.2	24.8	25	24.7	25.4	28.9	24	99	98	85	100	98	98	96.3	47.5
12	56.38	56.52	57.82	55.81	56.03	57.68	56.71	23.6	24	24.6	28	27	24.9	25.4	29.7	23	100	99	97	81	90	97	94	22.6
13	56.61	56.57	57.82	55.85	56.20	57.60	56.78	24.6	24.3	27.8	29.5	27.5	25.7	26.6	30	23.8	97	97	84	80	88	96	90.3	-----
14	56.65	57.02	58.14	57.20	57.97	59.07	57.68	24.8	24.5	28	29.3	27.5	25	26.5	29.6	24.2	95	96	85	77	90	92	89.2	.5
15	57.88	58.09	59.65	57.88	58.08	58.95	58.42	24.7	24	29	29.5	28.2	26.2	26.9	31	23.7	90	93	78	79	85	94	86.5	-----
16	57.53	57.84	59.29	57.30	57.42	58.50	57.98	25.2	24.5	28.8	28.5	27.3	24.8	26.5	30.5	23.7	92	94	80	85	91	98	90	.5
17	57.35	57.17	58.15	56.74	57.35	58.41	57.53	24.7	24.5	29.7	28.8	24.7	24.8	26.2	31.6	24	97	96	75	81	98	98	90.8	38.9
18	57.82	58.02	58.99	57.76	58.44	60.58	58.60	24.3	24	29.5	29.3	27.6	25.6	26.7	31.2	23.5	98	97	78	83	90	98	90.7	3.1
19	58.88	58.77	59.75	58.73	59.35	60.71	59.36	24.4	24.1	30	29.2	28.1	26.4	27	31	23.8	97	97	76	81	88	96	89.2	-----
20	59.45	59.63	60.95	59.37	59.50	60.59	59.92	25.6	24.5	29.8	30.5	28	25.8	27.4	32.5	23.9	93	95	69	72	88	92	84.8	-----
21	59.04	59.23	60	58.70	58.58	59.61	59.19	24.3	23.7	29.5	29.8	29	26.5	27.1	31.5	23.3	96	96	75	81	83	93	87.3	-----
22	58.55	58.39	59.19	57.06	57.04	58.93	58.19	25.3	24.7	30.6	31.7	29.8	27.2	28.2	32.5	24.1	94	91	75	74	66	72	78.7	-----
23	58.06	57.71	58.24	56.02	56.08	57.22	57.22	26	23.8	29.4	30.3	27	25.5	27	31.3	23.6	78	93	79	81	88	92	85.2	.5
24	56.10	55.84	56.86	55.29	55.50	56.97	56.09	24	24	29.9	29.6	28.1	27	27.1	31.6	23.5	99	95	75	84	91	96	90	4
25	56.07	56.26	57.83	56.04	57.37	58.02	56.93	25.9	25.7	29.3	28.3	26.3	25.7	26.9	31.7	25	94	100	86	91	97	100	94.7	2.8
26	56.86	57.36	58.54	56.03	56.15	58.17	57.18	25	24.5	29.6	30.1	28	25.8	27.2	31.3	23.9	98	96	81	84	88	94	90.2	-----
27	57.05	56.67	57.58	56.23	56.75	57.67	56.99	24.7	24.5	29.5	29.7	25.8	24.7	26.5	31.5	24.2	96	94	81	79	94	98	90.3	1.8
28	57.06	57.11	57.60	55.97	56.15	57.56	56.91	23.8	23.6	30.2	30.7	28	26	27	31.3	23.2	98	97	74	74	88	92	87.2	36.6
29	56.88	56.75	57.72	55.66	56.42	58.27	56.95	24.6	24.4	25.5	27.5	26.5	25.9	25.7	28.5	23.7	100	100	97	90	94	96	96.2	35.8
30	57.50	57.76	58.29	57.30	58.50	60.14	58.25	26	26.5	27.3	26.8	24.7	23.2	25.8	29	22.7	93	88	86	95	97	100	93.2	105.6
Mean	56.17	56.16	57.12	55.67	55.97	57.35	56.41	25	24.5	28.2	28.7	27	25.7	26.5	30.3	23.8	94.8	95.9	83.4	84.1	90.5	94.3	90.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	655

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	SSW	SSW	SSW	SSW	S	94.3	109.1	103	64.7	371.1	10	-----	Cu.-N. SW	10	-----	N. SW
2	SSW	SSW	SSW	SSW	SSW	S	57.3	78.9	82.6	64.6	283.4	10	-----	N. SSW	10	-----	N. SW
3	SSW	SSW	SSW	SW	WSW	NW	44.8	83.9	99.6	34.8	263.1	10	-----	N. SW	7	A.-Cu. W	Cu. SW
4	Calm	Calm	SSW	SSW	WSW	S	47.5	75.6	64.1	43.7	230.9	10	-----	Cu.-N. SW	10	-----	Cu.-N.SW
5	SSW	Calm	SSW	SW	SW	SW	34.3	51.5	92.8	92.8	271.4	8	A.-Cu.	Cu.-N.WNW	7	A.-Cu. W	Cu. SSW
6	SW	SW	W	SW	SW	SW	90.9	71.4	112.7	85.6	360.6	9	Ci.-S.	Cu.-N. SW	9	A.-Cu.	Cu.-N.SW
7	SW	SW	SW	WSW	WSW	SW	44.8	79.2	85.9	49.7	259.6	7	A.-Cu.	Cu. SW	4	Ci.	Cu. SW
8	SW	SE	SW	WSW	WSW	SW	49.7	74.2	79.7	50.5	254.1	5	Ci.	Cu.	7	Ci.-S.	Cu. SW
9	SW	SE	SSW	SW	SW	SW	45.3	74.8	89.8	53.7	263.6	8	-----	S.-Cu. SW	4	A.-Cu.	Cu. SSW
10	SSW	SW	S	SW	SW	Calm	83.9	71.1	109.6	46.9	311.5	10	-----	N. SSW	4	Ci.-S.	Cu. SW
11	SSW	SSW	SSW	SW	SSW	S	74.5	92.8	107.6	62.2	337.1	7	A.-Cu.	Cu.-N. SSW	10	-----	N. SW
12	SSW	SSW	WSW	W	Calm	Calm	51.2	35.7	38.3	18.5	143.7	10	-----	N. SSW	10	A.-Cu.	Cu. SSW
13	SSW	Calm	W	WNW	WNW	Calm	33.5	31.4	61.7	21.4	148	6	A.-Cu.	Cu. S	7	A.-Cu. W	Cu. WNW
14	SW	SW	SW	SW	Calm	ESE	30.9	63.6	62	48.1	204.6	7	Ci. E	Cu. SW	8	A.-Cu. SSW	Cu. SW
15	ESE	ESE	SSW	WSW	W	Calm	56.8	74.8	64.6	27.7	223.9	5	A.-Cu.	Cu.	5	Ci.-S.	Cu. SW
16	ESE	ESE	SSW	WSW	W	SSW	35.2	65.5	77.4	33	211.1	4	A.-Cu.	Cu.	7	Ci.-S.	Cu. SW
17	Calm	ESE	SW	NW	W	Calm	31.2	47	55.2	22.2	155.6	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. NW
18	Calm	ESE	SW	WNW	WNW	SW	33.5	54.2	62	34.4	184.1	2	Ci.	Cu.	7	Ci.-S.	Cu. SW
19	Calm	NE	SW	WSW	Calm	Calm	39.6	53.9	59.3	21.9	174.7	3	Ci.	Cu.	5	Ci.	Cu. SW
20	ENE	ENE	SE	WSW	NW	Calm	44	44.6	62.2	26.4	177.2	5	A.-Cu.	Cu.	4	Ci.	Cu. SW
21	E	ENE	W	WNW	Calm	SE	38.3	40.7	59.8	39.9	178.7	0	-----	Cu.	7	Ci.	Cu. W
22	Calm	E	NW	NbyW	NNE	NNE	34.4	37.6	92.2	59.2	223.4	5	A.-Cu.	Cu. E	3	A.-Cu. NE	Fr.-Cu.NNW
23	NNE	Calm	NNW	NNE	NNE	N	43.7	50.4	149.1	79.2	322.4	2	A.-Cu. NE	Fr.-Cu.	7	A.-Cu. NE	Cu.-N.NE
24	Calm	ENE	ENE	SW	Calm	Calm	21.7	37.2	59.2	16.6	134.7	10	A.-Cu.	Cu. SE	9	Ci.-S.	Cu.
25	Calm	SSW	NNE	NW	NNE	Calm	22.2	38.1	60.6	28.7	149.6	10	Ci.-S.	Cu.-N. SW	10	A.-Cu.	Cu.-N. NW
26	ESE	ESE	SW	NW	Calm	SSW	47	45.9	86.3	42.4	221.6	2	A.-Cu.	Cu.	7	-----	Cu. NW
27	ESE	ESE	SW	SW	SE	ESE	44.3	51.8	63.6	29.6	189.3	4	Ci.	Cu.	8	A.-Cu.	Cu. WSW
28	E	ENE	Calm	WNW	Calm	S	37.8	43.3	52.1	21.1	154.3	3	Ci.-S.	Cu.	5	Ci.	Cu. NW
29	SSW	NW	S	SSW	SW	SSW	29	43.1	85.8	93.3	251.2	10	-----	N. SSW	10	A.-Cu.	Cu.-N.SSW
30	SSW	SW	SSW	SSW	S	S	89.8	66.6	124.5	58.7	339.6	10	A.-Cu.	Cu.-N. SSW	10	A.-Cu.	Cu.-N.SSW
Mean	-----	-----	-----	-----	-----	-----	47.7	59.6	80.1	45.7	233.1	6.6	-----	-----	7.3	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,994.1	-----	-----	-----	-----	-----	-----

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.03	59.39	60.06	58.83	59.32	60.50	59.52	22.9	23	26.2	27	26.5	24.5	25	29.3	22.5	99	100	92	88	88	96	93.8	12
2	59.32	58.96	60.19	58.74	58.60	59.99	59.30	23.5	22.7	29.2	29	28	25.7	26.4	32	22.2	96	98	76	80	88	90	88	------
3	59.46	59.62	60.24	58.65	59.33	61.03	59.72	24.7	23.7	29.7	30	27.5	25.7	26.9	32	23.3	98	100	77	73	83	93	87.3	------
4	60.02	59.94	60.43	58.68	59.15	60.51	59.79	24.1	23.2	29.8	30.2	27.8	25.5	26.8	31.2	22.8	99	98	71	75	86	96	87.5	------
5	60.05	60.39	61.14	59.45	59.53	60.69	60.21	25.1	24.7	30.4	30.5	27.5	26.6	27.5	31.2	24.4	95	96	74	73	90	92	86.7	------
6	60	60.45	61.27	59.74	59.89	60.95	60.38	25.2	24.4	30.5	30.5	27.8	26.2	27.4	31.5	24	90	92	73	73	86	90	84	------
7	59.66	59.84	60.70	59.27	59.38	61.36	60.04	24.9	23.7	29.9	30.5	28.3	26.2	27.2	31.7	23.3	93	96	64	70	82	96	83.5	------
8	60.25	60.85	61.67	60.14	60.49	61.50	60.82	25.7	24	29.1	30.2	28.5	27	27.4	31.5	23.8	92	97	76	75	85	87	85.3	------
9	60.08	60.59	61.42	59.40	59.45	61.09	60.34	25	24.5	30.9	31	29.3	26.3	27.8	32	24.1	92	87	64	67	76	83	78.2	------
10	60	60.45	61.04	59.45	59.87	61.05	60.31	25.2	24.8	30.8	31	28.3	26.8	27.8	32	24.3	80	80	61	67	79	86	75.5	------
11	59.35	59.88	60.44	58.67	58.84	59.90	59.51	25.2	24.7	30.5	30.4	27.5	26.1	27.4	32	24.1	86	86	60	72	84	87	79.2	------
12	59.12	59.71	60.24	58.15	58.31	59.42	59.16	24	23.5	31.1	29.8	28.7	26.3	27.2	32.5	22.7	96	87	59	69	75	65	75.2	------
13	59.67	60.15	60.84	59.53	59.83	60.95	60.16	25.2	24.5	31.3	30.5	26.8	26.5	27.5	32.8	24.3	71	75	58	67	83	71	70.8	------
14	60.46	60.95	61.97	60.05	60.23	61.03	60.78	25.3	24.6	31.2	30.6	27.3	26	27.5	33.5	22.9	72	71	55	65	84	82	71.5	------
15	60.26	60.75	61.64	59.49	59.63	60.78	60.42	24.3	24	32.2	30.3	28	26.1	27.5	33.2	23.2	78	79	59	72	81	81	75	------
16	60	60.15	61.70	59.64	60.07	61.33	60.48	24.2	24	31.7	30.1	27.5	26	27.2	33.7	23.7	85	83	56	69	84	88	77.5	------
17	60.65	61.34	62.56	60.58	60.64	62.03	61.30	26.6	24.8	31.2	31	27.9	24.9	27.7	32.5	23.5	71	76	58	61	81	89	72.7	------
18	60.61	61.15	62.13	60.28	60.59	61.81	61.10	23.5	24.5	31.5	30.3	27.7	26	27.2	32.8	23.2	90	79	57	68	83	88	77.5	------
19	60.41	60.72	61.58	59.88	60.29	61.40	60.71	26.2	23.4	30.9	31.3	28	26.8	27.8	32.2	23.1	79	90	67	72	85	90	80.5	------
20	60.14	60.30	61.35	59.72	60.20	61.50	60.54	25	24.2	31.5	29.5	28.3	26.9	27.6	32	24	92	94	66	81	86	92	85.2	------
21	61.34	61.66	62.77	60.48	60.87	62.05	61.53	25.6	24.7	30.5	30.1	28.5	26.8	27.7	31.8	24.4	95	97	78	82	85	94	88.5	------
22	61.54	61.75	62.14	60.48	60.75	61.64	61.38	26.5	24.9	30.9	30.6	28.5	27.3	28.1	31.6	24.3	88	92	69	76	83	73	80.2	------
23	60.66	60.79	62.04	60.56	61.65	63	61.45	25.9	24.4	31.3	31.4	28.4	24.7	27.7	32.8	23.3	73	78	55	68	78	86	73	------
24	61.86	62.05	62.34	60.42	61.35	62.55	61.76	23.2	23	31.9	31.2	28.2	26.8	27.4	32.9	22.5	90	89	58	70	80	77	77.3	------
25	61.34	62	62.69	60.11	60.97	62.40	61.58	24.1	24.3	30.7	31.7	28.5	26.7	27.7	33.5	22.7	84	82	61	60	74	74	72.5	------
26	61.18	61.60	61.98	59.82	59.98	61.41	61	25.2	24.3	31	30	28.3	26.7	27.6	32	23.7	84	87	63	75	80	88	79.5	------
27	60.48	61	61.68	58.85	59.55	61.34	60.48	25.6	24.9	30.5	31.2	28.7	26.8	28	32.5	24.5	88	91	73	77	83	98	85	6.1
28	60.82	61.56	62.63	60.18	60.79	61.90	61.31	24.6	23.7	30	30.8	27.8	27	27.3	31.3	23.3	95	96	78	76	89	92	87.7	------
29	60.86	61.55	62.08	60.16	60.70	61.90	61.21	25.5	23.7	30.8	30.5	27.8	26.5	27.5	33	23.2	88	89	64	70	88	94	82.2	------
30	60.24	61.02	61.49	59.69	60.34	61.96	60.79	25	23.2	31	31.2	28	25.7	27.4	31.6	22.8	84	85	50	61	85	78	73.8	------
31	61	61.64	62.67	59.88	60.92	62.25	61.39	24.8	23	31.2	31.2	28.7	27.5	27.7	33	22.3	81	88	62	66	78	73	74.7	------
Mean	60.32	60.72	61.52	59.64	60.05	61.33	60.60	24.9	24	30.6	30.4	28	26.3	27.4	32.2	23.4	87.2	88.3	65.6	71.5	83	86.1	80.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	18.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ESE	E	E	W	Calm	E	66.2	38	29.5	44.8	178.5	10	A.-Cu.	Cu.-N.WNW	10	A.-Cu.	Cu.-N. W
2	E	Calm	E	NE	Calm	N	33.6	34.8	35.1	42.3	145.8	4	Ci.	S.-Cu.	9	------------	Cu.-N.NE
3	Calm	Calm	NW	N	ESE	Calm	15.1	33.2	80	34.3	162.6	1	Ci.	Cu.	7	Ci.-S.	Cu.-N.NE
4	Calm	E	NNW	NW	NNW	Calm	20.6	38.8	75	27.6	162	4	Ci.	Cu.	5	Ci.	Cu. NW
5	Calm	E	WNW	NW	NW	Calm	19.8	47.5	47.2	24.1	138.6	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
6	E	ESE	E	WNW	NNW	NNE	41	50.4	75.9	30.4	197.7	0	------------	------------	1	------------	Cu.
7	ENE	ENE	SSE	WSW	Calm	NNE	38.3	57.1	55.3	23.5	174.2	0	------------	Cu.	1	------------	Cu.
8	ENE	E	NNW	NW	NW	SE	31.6	43.1	76.6	25.2	176.5	1	------------	Cu.	2	------------	Cu. NW
9	E	ENE	NE	NW	Calm	SE	28.8	43.1	57.9	38	167.8	0	------------	Cu.	2	A.-Cu.	Cu. NW
10	Calm	SE	E	WNW	NW	SE	39.2	57.3	71.9	25.5	193.9	1	------------	Cu.	2	------------	Cu. NW
11	Calm	E	WNW	NW	N	NNW	32	41	82.6	22	177.6	2	------------	Cu.	2	------------	Cu. NW
12	Calm	ESE	ESE	NW	Calm	E	12.9	69.8	69.5	63.4	215.6	0	------------	------------	2	------------	Cu. NW
13	Calm	E	WSW	NW	NW	SE	35.1	58.5	79.4	34	207	2	------------	Cu.	2	A.-Cu.	Cu.
14	SE	SE	E	NW	NNW	NW	36.7	51.7	71.9	23	183.3	1	------------	Cu.	2	------------	Cu. NW
15	ESE	ESE	Calm	WNW	Calm	Calm	46.7	50.7	63	21.9	182.3	0	------------	Cu.	4	A.-Cu.	Cu. WNW
16	Calm	ESE	Calm	NW	NW	NNW	31.4	43	79.9	26.6	180.9	3	A.-Cu.	Cu.	4	------------	Cu. NW
17	Calm	SE	N	NW	Calm	NNW	34.9	53.4	77.7	30.8	196.8	1	------------	Cu.	1	------------	Cu.
18	Calm	SE	SSE	W	NW	NW	35.6	61.2	62.2	30	189	0	------------	------------	3	------------	Cu. NW
19	NNW	ESE	NW	NW	Calm	NW	35.1	44.1	63	19.1	161.3	5	A.-Cu.	Cu.	7	A.-Cu.	Cu. NW
20	NNW	Calm	NW	WNW	NW	Calm	30.9	37.6	66	16.1	150.6	0	------------	Cu.	7	A.-Cu.	Cu. NW
21	NW	NW	NW	NW	Calm	NW	26.2	48.5	78.3	21.9	174.9	1	------------	Cu.	6	A.-Cu.	Cu. WNW
22	NW	ESE	NNW	NNW	Calm	S	39.6	51.2	84.5	37.8	213.1	1	------------	Cu.	2	------------	Cu. NNW
23	Calm	NE	N	W	Calm	SE	31.7	42.4	52.5	30	156.6	0	------------	------------	1	------------	Cu. WNW
24	ESE	Calm	NNE	SW	SW	SE	39.9	41	56.9	36.4	174.2	0	------------	------------	2	------------	Cu. SE
25	Calm	SE	W	WSW	SW	SE	36.2	45.9	82.3	34.9	199.3	0	------------	------------	4	------------	Cu. WNW
26	ESE	SE	NNE	WNW	WNW	Calm	32.4	46.9	78.3	23.8	181.4	1	A.-Cu.	Cu.	7	A.-Cu.	Cu. WNW
27	ESE	SE	NW	NW	WNW	Calm	34.8	53.7	69.4	32.4	190.3	3	Ci.-Cu.	S.-Cu.	4	------------	Cu. SE
28	NW	WNW	NNW	NW	NW	Calm	34.8	55.2	92.8	24.9	207.7	1	A.-Cu.	Cu.	7	------------	Cu. NW
29	ESE	ESE	SSW	W	W	Calm	40.2	52.9	68.9	19.8	181.8	0	------------	Cu.	1	------------	Cu.
30	ESE	ESE	ESE	NW	Calm	ESE	49.6	57.1	63	29.5	199.2	1	Ci.	Cu.	2	Ci.	Cu.
31	Calm	E	NW	NW	Calm	E	28.2	54.1	66.6	72.7	221.6	1	A.-Cu.	Cu.	6	A.-Cu.	Cu. NW
Mean	------	------	------	------	------	------	34.2	48.5	68.2	31.2	182	1.5	------------	------------	3.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,642.1	----	------------	------------	----	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.41	61.86	62.71	60.77	61.64	62.75	61.86	27.1	25.5	33	31	28.8	25.5	28.5	33.5	25.2	72	78	60	70	72	85	72.8	------
2	61.23	61.30	61.94	60.72	61.54	62.30	61.50	25.1	24.5	31	30.6	27.3	25.3	27.3	32.1	24.2	83	81	64	66	86	89	78.2	------
3	60.54	60.32	60.85	59.18	59.10	60.80	60.13	23.5	23.5	31.5	29.2	27.8	26.7	27	32	22.8	91	87	59	76	84	90	81.2	------
4	60.25	60.50	61.38	59.35	60.03	61.41	60.49	25.3	24.4	30.9	30.3	27.5	25.2	27.3	32	24	89	82	69	76	94	92	83.7	------
5	60.26	60.51	61.40	59.84	60.06	60.65	60.45	23.3	22.7	29	30.5	26.4	24.5	26.1	31	22.2	93	94	76	72	88	92	85.8	------
6	59.44	59.55	60.15	58.95	59.55	60.33	59.66	23.6	23	31.8	30.4	27.5	26	27	32.3	22.5	95	96	57	74	87	92	83.5	------
7	59.46	59.72	60.10	58.58	59.30	60.15	59.55	24.9	24.2	31.5	30.7	26	25.2	27.1	31.8	23.6	91	92	68	76	79	82	81.3	------
8	58.73	58.79	59.42	58.05	59.15	60.35	59.08	24.5	24.3	32.3	31.8	27.5	26.7	27.8	33	23	81	81	56	73	92	92	79.2	------
9	59.27	59.47	60.12	58.82	59.46	60.81	59.66	24.9	24.4	30.2	30.7	27.8	25.5	27.2	31.7	24	92	93	75	76	90	80	84.3	------
10	59.15	59.28	60.05	58.12	58.91	60.24	59.29	24.4	23.8	30.1	31.3	28	26.4	27.3	31.7	23.3	82	85	75	68	85	81	79.3	------
11	59.26	59.67	60.20	57.58	58.10	59.30	59.02	24	24.5	30.6	31.6	28.8	26.8	27.7	32	23.1	91	85	63	66	83	71	76.5	------
12	58.78	59.11	59.63	58.28	59.09	60.35	59.21	23.8	24.7	31.4	30.8	28	27	27.6	32	23	85	76	63	67	85	86	77	------
13	58.66	58.78	59.64	58.05	59.60	60.58	59.22	25.8	25	32	31.2	28	26	28	32.5	24.5	90	83	61	77	82	92	80.8	------
14	59.46	60.15	60.93	58.60	59.16	60.25	59.76	25.4	23.6	32.2	30.7	27	25.8	27.4	33	23.5	90	95	59	74	88	92	83	------
15	58.60	59.44	60.34	58.15	58.91	60.09	59.26	24.8	23.5	31.1	30.6	28.3	26.5	27.5	32.1	23	92	96	62	72	86	86	82.3	------
16	59.25	59.42	60	57.60	58.15	59.30	58.95	25.1	24.1	31	30.1	27.7	26.3	27.4	32	23.4	93	91	65	68	80	86	80.5	------
17	58.45	58.72	60.15	58.35	58.78	59.51	58.99	25.1	23.9	31.1	31	26.8	25	27.2	32.1	23.5	87	91	60	71	88	93	81.7	------
18	58.44	58.85	59.90	58	58.50	59.66	58.89	23.8	22.8	30.7	30.4	28	26	27	32	22.6	93	95	67	72	87	92	84.3	------
19	59.26	59.77	60.85	58.85	59.35	60.25	59.72	25.4	24.6	30	30.7	27.4	25.4	27.2	32	24.5	88	91	71	72	89	92	83.8	------
20	59.61	60.57	61.04	59.43	60.07	61.21	60.32	25.5	24.5	31.3	30.2	27.3	25.2	27.3	31.8	23.2	86	87	58	68	79	89	77.8	------
21	60.47	60.77	61.48	59.12	59.26	60.21	60.22	23	22.1	29.2	30.2	26.5	25.8	26.1	31.3	21.7	87	91	61	58	76	78	75.2	------
22	60.01	60.46	61.14	58.52	59.60	60.90	60.10	23.2	22.3	31.2	30	28.2	27.2	27	32	21.8	89	93	52	62	72	73	73.5	------
23	59.85	60	60.85	58.85	59.50	61.03	60.01	25.2	24.5	30.4	30.7	28	25.5	27.4	32.3	24.2	82	83	63	62	74	86	75	------
24	60.67	61.04	61.82	59.25	59.69	60.48	60.49	24.4	23.6	30	30.2	26.8	23.9	26.5	31.8	23.5	88	93	67	66	78	84	79.3	------
25	59.46	59.79	60.29	58.55	59.45	61.20	59.79	23.4	22.5	30	29.9	28.3	27.7	27	31.6	21.8	85	90	63	60	73	70	73.5	------
26	60.24	60.90	62	59.43	60.02	61.33	60.65	25.6	24	31.2	29.5	27.4	24.8	27.1	32.2	23.5	73	79	58	66	78	87	73.5	------
27	60.54	60.99	62.04	59.46	60.50	61.31	60.81	24.2	24	28.8	30.7	28.8	26.5	27.2	33	23.4	91	90	64	53	59	69	71	------
28	60.06	60.23	60.87	58.20	59.26	60.50	59.85	25.4	25.5	30.7	29.8	25	23.7	26.7	32.7	23	74	70	53	63	77	77	69	------
29	59.46	59.75	60.90	58.90	59.61	60.34	59.83	23.1	22.4	28.9	30.2	25.6	24.6	25.8	33	21.7	79	86	63	62	90	79	76.5	------
30	59.87	60.16	60.95	59.10	59.75	60.77	60.10	23.2	23.8	31.5	30	26.9	24.5	26.6	32	22.7	88	77	55	68	79	83	75	------
Mean	59.67	60	60.77	58.82	59.50	60.61	59.90	24.5	23.9	30.8	30.5	27.4	25.7	27.1	32.2	23.2	86.7	87	62.9	68.5	82	84.7	78.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	Calm	ESE	WNW	Calm	NW	67.3	50.4	65.5	29.5	212.7	2	A.-Cu.	Cu.	1	------------	Fr.-Cu.
2	E	ESE	N	NW	NW	E	48.6	58.9	84.7	41.2	233.4	1	A.-Cu.	Cu.	1	------------	Cu.
3	SSW	ESE	SSW	NW	NW	Calm	46.1	53.7	66.2	23.3	189.3	0	------------	------------	4	------------	Cu. NW
4	SE	ESE	SW	WSW	Calm	Calm	56.6	65.7	63.3	19.8	205.4	1	------------	Cu.	2	------------	Cu.
5	E	E	NNW	NNW	NNW	Calm	38.8	47.3	97.9	28.5	212.5	1	------------	Cu.	1	------------	Cu.
6	Calm	ESE	Calm	W	Calm	Calm	34	54.4	52.6	20.4	161.4	0	------------	------------	3	Ci.-S.	Cu. WSW
7	SE	SSE	Calm	NW	NE	NE	33.8	45.1	76.7	54.9	210.5	1	A.-Cu.	Cu.	4	Ci.-S.	Cu. NW
8	Calm	Calm	SW	SW	Calm	Calm	19	53.1	57.6	10.3	140	0	------------	Cu.	7	Ci.	Cu. WSW
9	ESE	ESE	NW	NNW	NNW	ESE	33.3	50.7	91.9	44.5	220.4	0	------------	Cu.	1	Ci.-S.	Cu.
10	ESE	ESE	NW	NW	Calm	Calm	45.4	50.4	62.6	34.9	193.3	5	A.-Cu.	Cu.	1	------------	Fr.-Cu.
11	Calm	SSE	WSW	NW	Calm	SE	23.5	44.9	60.6	39.6	168.6	1	A.-Cu.	Cu.	1	------------	Cu.
12	Calm	ESE	NW	NW	Calm	Calm	21.9	32.7	61.4	20.4	136.4	0	------------	Cu.	1	Ci.-S.	Cu. NW
13	Calm	ESE	SSW	WNW	Calm	Calm	34.8	61.4	75.6	23.9	195.7	0	------------	Cu.	4	Ci. W	Cu. NW
14	SE	SE	Calm	NNW	N	N	39.4	44.5	115.9	59.5	259.3	4	Ci.-S.	Cu.	3	Ci.	Cu. NW
15	Calm	SE	SW	W	Calm	SE	24.6	58.1	64.9	35.4	183	2	------------	S.-Cu.	2	------------	Cu.
16	SE	SE	NW	NW	Calm	Calm	38.6	41.6	73.4	20.9	174.5	0	------------	------------	2	------------	Cu.
17	SE	SE	W	W	NW	Calm	47.8	47.2	61.2	28.7	184.9	0	------------	------------	1	------------	Cu.
18	E	ENE	Calm	WNW	Calm	S	26.9	43	58.5	21.2	149.6	0	------------	------------	1	------------	Cu. NW
19	Calm	SE	Calm	NNW	NW	Calm	48	46.5	69.5	19.1	183.1	0	------------	Cu.	2	Ci.-S.	Cu.
20	SE	SE	SSW	WSW	Calm	Calm	45.3	65.2	71.3	24.6	206.4	0	------------	Cu.	2	------------	Cu.
21	Calm	NNE	NNE	NNW	NNE	NNW	19.1	99.8	186.6	44.3	349.8	1	------------	Cu.	1	------------	Cu.
22	Calm	Calm	NNW	NW	Calm	Calm	11.9	52.8	67.9	10	142.6	0	------------	------------	1	------------	Fr.-Cu.
23	Calm	ENE	SW	NW	Calm	Calm	30.4	48.8	58.7	23.8	161.7	1	------------	Cu.	1	------------	Cu. WNW
24	E	ENE	NNW	NNW	NNW	NNW	30.8	54.1	144	71.8	300.7	4	Ci.	Cu.	2	Ci.	Cu. NNW
25	NNW	Calm	NNW	NW	Calm	SE	33.6	47.8	75.4	36	192.8	1	Ci.	Cu.	0	------------	Cu.
26	SE	ESE	Calm	NW	NNW	Calm	31.6	39.6	64.4	27.6	163.2	2	Ci.	Cu.	7	Ci.	Cu.
27	Calm	NE	NNW	NE	NE	N	22.3	53.1	138.1	104.9	318.4	8	A.-Cu.	Cu. SE	9	A.-Cu.	Cu.-N.
28	NNE	NNE	NNE	NNW	N	NNE	91.1	139	187.5	154.8	572.4	8	Ci.	Cu.	4	Ci.	Cu. NW
29	NNW	NNW	NNW	NNW	NNW	Calm	107.5	57.7	86.3	12.9	264.4	2	Ci.	Cu.	1	Ci.	Cu.
30	Calm	ESE	Calm	NW	Calm	Calm	26.8	48.9	78.4	12.6	166.7	0	------------	Cu.	0	------------	Fr.-Cu.
Mean	------	------	------	------	------	------	39.3	55.2	84	36.6	215.1	1.5	------------	------------	2.3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,453.3	----	------------	------------	----	------------	------------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 12.2 meters ; gravity correction not applied, —1.61 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.35	60.54	60.84	59.25	60.12	61.31	60.40	23.7	23	31	31.5	26.8	24.7	26.8	32.5	22.2	82	86	58	63	86	87	77	------
2	60.54	60.90	61.78	59.24	59.75	60.54	60.46	23.3	23	32.5	31	28	28.7	27.8	34	22.2	90	81	44	61	75	56	67.8	------
3	59.56	60.34	61.20	59.50	60.02	60.63	60.21	28	24.7	30.7	29.7	27.3	25.8	27.7	31.7	24.5	60	74	65	75	84	88	74.3	------
4	59.34	59.72	60.87	59.04	59.30	60.21	59.75	24.2	24	30.8	31.3	27.3	26.5	27.4	31.5	23.6	93	90	65	70	85	88	81.8	------
5	59.06	59.24	59.90	58.43	59.48	60.20	59.38	25.2	23.8	31	29.2	27.5	26	27.1	31.7	23.6	91	95	66	77	84	86	83.2	------
6	59.90	60.21	60.48	58.27	58.85	59.86	59.60	24.7	24	30	31	28.2	27	27.5	31.6	23.4	92	95	67	69	83	77	80.5	------
7	59.56	59.80	60.95	58.43	59.08	60.46	59.71	25.5	24	30.4	31	28	27	27.6	31.8	23.2	80	89	72	67	81	80	78.2	------
8	59.56	59.66	60.15	57.96	58.49	59.61	59.24	26.6	24	30.7	31.2	28.5	25	27.7	32.2	22.7	79	85	56	56	74	92	73.7	------
9	59.65	60.34	61	58.80	59.50	60	59.88	24.9	24.8	31.3	30.2	27	24.5	27.1	31.8	23.5	86	85	50	62	79	87	74.8	------
10	59.65	60.27	61.04	58.90	59.20	60.14	59.87	24.1	23	30.8	30	27.7	27	27.1	33	22.2	82	85	60	65	79	84	75.8	------
11	59.45	60.21	60.94	59	59.15	60.10	59.81	26.5	25.5	29.8	30.7	27	25.7	27.5	31	24	79	88	68	67	84	93	79.8	------
12	59.14	59.82	60.80	58.47	59.35	60.95	59.76	24.2	23.5	30.2	30	27.2	24.5	26.6	31	23.1	90	91	64	68	88	87	81.3	------
13	59.39	60.02	61.15	58.35	59.67	60.67	59.88	24.3	24.2	29.5	29.5	28.8	28.5	27.5	31.2	23.4	85	82	64	66	65	62	70.7	------
14	60.25	60.65	61.12	58.95	59.45	60.80	60.20	27.8	24	29.7	30.2	29.2	27.8	28.1	31.8	23.2	63	83	61	65	57	61	65	------
15	59.55	59.83	60.84	59.05	60.04	61.50	60.14	27.1	25.7	30.2	30.2	27.4	25.5	27.7	32	25	63	76	64	68	81	96	74.7	2
16	60.53	61.12	62.40	60.49	61.38	62.22	61.36	24.9	25	30	29.8	26.8	25	26.9	30.8	23.7	97	81	68	71	86	89	82	------
17	61.45	61.70	62.88	60.90	61.40	62.01	61.72	24.2	23.5	30.3	29.8	27.1	24.3	26.5	31.2	23	91	93	70	73	83	94	84	------
18	61.26	61.82	63.13	60.92	61.05	61.50	61.61	23.2	22.8	29.5	28.5	26.5	24.5	25.8	31.2	22.3	97	97	71	80	76	81	83.7	------
19	60.20	60.50	62.06	59.99	60.15	61.22	60.69	23	22.9	29	29.8	27.2	24.2	26	31	22	94	96	65	66	77	76	79	------
20	60.44	60.77	61.80	59.90	60.40	61.21	60.75	22.3	21	29.2	30	26.9	23.5	25.5	30.5	20.7	88	95	63	57	74	84	76.8	------
21	60.86	60.97	61.74	58.96	59.42	60.52	60.41	22.8	22.5	28.1	29.3	26.5	24.3	25.6	30.3	21.3	89	91	66	69	86	95	82.7	------
22	59.67	59.92	60.90	58.30	59.13	60.37	59.72	23.5	21.7	31	29.7	26	24.2	26	32	21.3	92	94	55	70	84	93	81.3	------
23	60.27	60.78	61.98	59.39	59.85	60.92	60.53	23.2	21.4	28.1	29.3	26.2	24	25.4	30	20.8	96	94	60	66	82	83	80.2	------
24	60.35	60.79	61.69	59.80	60.35	61.60	60.76	23.8	23.6	30.8	29.1	26.7	25.5	26.6	31.8	21.8	75	74	54	67	82	86	73	------
25	61.15	61.39	63.15	61.10	61.93	63.29	62	23.9	25.4	28	29.8	27.4	25.7	26.7	31	23.6	95	80	80	69	80	83	81.2	------
26	62.06	62.40	62.94	60.44	61.02	62.25	61.85	22.9	24.2	29.8	30.3	27.2	25.5	26.6	31.5	22.7	97	86	61	66	84	82	79.8	------
27	61.50	62.21	63.13	61.03	61.26	62.14	61.88	24.3	23.5	29.7	28.6	27.1	25.4	26.4	30.4	21.8	79	81	67	73	83	88	78.5	------
28	61.56	62.45	63.33	61.13	60.83	62.45	61.96	24.5	24	27.9	29.3	25.5	24	25.9	30.3	22.2	94	96	78	72	80	81	83.5	------
29	61.66	61.71	62.43	59.30	59.35	60.25	60.78	22.7	21.5	27.6	29.3	26.3	23.5	25.2	30.7	20.5	84	89	64	62	82	89	78.3	------
30	59.87	60.17	61.48	59.25	59.55	60.82	60.19	22	23	30	29	26.2	24.3	25.8	31.5	21.3	89	79	65	68	82	85	78	------
31	60.75	61.37	62.78	60.73	61.30	61.75	61.45	24	22.8	30.2	29.1	25.7	23.5	25.9	31.2	21.7	81	86	60	65	82	91	77.5	------
Mean	60.28	60.70	61.64	59.46	59.99	61.02	60.51	24.4	23.5	29.9	29.9	27.1	25.3	26.7	31.4	22.6	85.6	87	63.6	67.5	80.3	84	78	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NE	Calm	NW	Calm	Calm	29.8	38.6	69.5	17.7	155.6	1	Ci.	Cu.	1	------------	Cu.
2	Calm	SSW	ENE	WNW	N	NE	12.1	63.4	69.7	52.9	198.1	0	------------	------------	1	------------	Fr.-Cu.
3	ESE	ENE	NW	WNW	Calm	Calm	51.7	38.8	76.2	16.9	183.6	1	------------	Cu.	7	------------	Cu.-N. NW
4	ESE	Calm	SW	W	Calm	Calm	23.1	58.2	54.9	8	144.2	0	------------	------------	4	------------	Cu. W
5	E	ENE	NW	W	Calm	Calm	31.1	38.4	66.2	17.7	153.4	2	Ci.	Cu.	7	------------	Cu. W
6	Calm	ENE	NNW	NW	Calm	Calm	19.5	51.3	76.9	25.1	172.8	1	------------	Cu.	1	------------	Cu.
7	Calm	Calm	NW	NW	Calm	ENE	14.3	36.7	68.7	26.6	146.3	0	------------	Cu.	5	------------	Cu. NW
8	ENE	Calm	NW	NNW	SW	Calm	37.5	36.2	58.2	30.8	162.7	1	Ci.	Cu.	1	Ci.	Cu.
9	Calm	WNW	Calm	NW	NW	NW	28.5	39.4	80.7	15.8	164.4	4	------------	Cu.	1	Ci.	Cu.
10	Calm	SSE	Calm	NNW	NNW	Calm	20.1	34	76.4	5.9	136.4	1	------------	Cu.	4	A.-Cu. SSW	Cu. NW
11	Calm	Calm	NW	NW	NNW	NW	26.2	34.4	84.2	35.7	180.5	8	Ci.-S.	Cu.-N. SSE	3	------------	Cu. NW
12	E	ENE	E	NNW	NNW	NNW	38.9	52.9	109.2	31.7	232.7	2	------------	Cu.	1	------------	Cu.
13	N	N	N	NNE	NE	NE	73.2	139.8	144.3	97.7	455	4	------------	Cu.	8	A.-Cu. SSW	Cu. SW
14	NE	Calm	NW	NNE	ESE	Calm	69.4	53.3	80.8	35.9	239.4	3	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu. NW
15	ENE	Calm	WSW	WNW	Calm	SSE	25.2	32.2	66.3	11.9	135.6	8	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu. NE
16	Calm	ESE	NNE	WNW	NNW	NNW	20.9	37.6	73.5	20.6	152.6	4	------------	S.-Cu.	4	------------	Cu. NW
17	ESE	ESE	SSW	WNW	NNW	Calm	33.6	38.8	88.8	22.5	183.7	2	------------	S.-Cu.	5	------------	Cu. NW
18	Calm	Calm	NNW	N	N	N	17.7	38.1	207.9	78.3	342	1	Ci.	Cu.	4	Ci.-S.	Cu. NNE
19	NNW	N	NNW	NNW	Calm	Calm	74	90.1	145.6	28.4	338.1	2	------------	Cu.	1	Ci.	Cu.
20	Calm	NNE	NNE	NW	Calm	Calm	22.7	27.9	69	18	137.6	0	------------	------------	1	Ci.	Cu.
21	E	ESE	NE	NW	NW	NW	43.5	56.6	71.4	30.4	201.9	2	Ci.	Cu.	3	Ci.	Fr.-Cu.
22	NNW	ESE	ESE	NW	NNW	NNW	42.1	43.8	82.7	35.9	204.5	2	Ci.	Cu.	4	Ci.	Cu. NW
23	NNW	NNW	NNE	NNW	NNW	Calm	60.4	107.2	145.9	23.5	337	4	Ci.-S.	Cu.	1	Ci.	Cu.
24	Calm	E	Calm	NW	Calm	Calm	26.8	40.7	83.9	12.6	164	0	------------	------------	1	------------	Cu.
25	SE	SE	SSW	SW	Calm	NNE	23.6	56.3	58.9	45.6	184.4	8	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu. SW
26	NNE	Calm	NNW	N	NNW	NNE	41.8	74.3	138.4	23.3	277.8	9	A.-Cu.	Cu. NNE	1	------------	Cu.
27	Calm	ENE	NW	WNW	Calm	Calm	24.7	43.7	71	25.2	164.6	0	------------	------------	2	------------	Cu. WNW
28	ESE	SE	NW	NNW	N	W	25.5	56	152.1	77.2	310.8	0	------------	Cu.	7	Ci.-S.	Cu. NNW
29	N	NNW	NNE	NNW	Calm	Calm	79.7	91.4	114.3	12.9	298.3	1	Ci.	Cu.	2	Ci.	Cu. NW
30	Calm	E	E	NW	Calm	NW	20.1	63.6	79.5	16.3	179.5	3	------------	S.-Cu.	2	Ci.	Fr.-Cu. NW
31	Calm	SE	Calm	NW	NNW	NNW	17.4	41.5	79.5	38	176.4	1	------------	S.-Cu.	1	------------	Cu.
Mean	------	------	------	------	------	------	34.7	53.4	91.8	30.3	210.1	2.4	------------	------------	3.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,513.9	----	------------	------------	----	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	68.03	67.99	68.47	65.87	66.55	67.68	67.44	18.5	18.8	21.6	23.8	22	20.9	20.9	25.5	18.2	87	92	86	75	86	88	85.7	------
2	67.16	67.22	68.30	66.29	67.06	67.81	67.31	19.9	19.8	23	24	21.6	21.3	21.6	25.2	18.4	94	96	83	77	93	83	87.7	------
3	67.47	67.99	69.26	67.27	67.46	68.41	67.98	18.3	17.6	22.4	24.7	22.1	20.7	21	26.2	16.1	93	97	79	75	83	85	85.3	------
4	67.54	67.18	68.16	65.39	65.51	66.65	66.74	19.5	19.4	23.5	25.7	24	22.1	22.4	26.3	18.6	92	92	76	74	78	88	83.3	------
5	65.87	66.05	66.42	63.36	63.37	64.82	64.98	21.2	19.6	24	30.6	26.8	22.6	24.1	31.7	19.4	91	95	86	65	74	89	83.3	------
6	64.48	64.53	66.08	63	64.07	65.53	64.62	20.7	19.9	25.6	30.3	26.7	22.6	24.3	31.5	19.3	94	95	79	61	73	89	81.8	------
7	65.14	65.33	66.92	63.95	64.99	66.60	65.49	20.2	19.6	24.4	28.8	23.5	21.2	23	30	19	95	96	75	56	71	86	79.8	------
8	66.55	67.32	70.04	68.52	69.83	71.42	68.95	20.4	19.8	21	22.8	19	18.9	20.3	23.1	18	83	81	78	70	77	78	77.8	------
9	70.39	70.54	72.03	68.75	68.76	69.63	70.02	18.1	17.5	20.6	24	20.6	18.4	19.9	26.4	16.5	84	86	82	61	81	84	79.7	------
10	68.80	68.79	69.71	66.90	66.60	67.58	68.06	15.3	13.8	21.4	27.4	23.5	17.6	19.8	29.1	12.5	90	95	70	56	72	84	77.9	------
11	66.69	66.70	67.33	64.66	64.94	66.04	66.06	15.2	14.4	23	28.7	23.7	20.6	20.9	29.5	13.2	85	91	67	56	76	86	76.8	------
12	65.27	65.25	65.99	63.99	63.87	64.85	60.87	19.8	19.7	23.4	24.8	22.6	20.5	21.8	26.3	18.2	98	95	90	71	83	88	87.5	------
13	64.03	64.60	65	62.20	62.25	63.42	63.58	18.4	18	24	30.1	26.4	21.4	23	31.5	17	94	96	78	62	72	87	81.5	------
14	63.20	63.71	64.82	62.42	63.12	64.25	63.59	19.4	17.2	24.8	31.4	26	20.7	23.2	32	16.9	88	100	75	52	73	94	80.3	------
15	64.50	64.95	66.24	63.82	64.13	65.24	64.81	19.8	17.4	22.8	28.2	24	21.2	22.2	29.4	16.6	92	91	87	66	82	86	84	------
16	64.89	65.20	65.97	64.34	64.97	65.83	65.20	20.4	21	22.6	24.1	22.5	21.6	22	26	19.3	90	96	91	82	90	93	90.3	4.8
17	65.19	65.34	66.38	63.87	64.33	64.79	64.98	20.9	21	24.6	25.5	24.4	21.2	22.9	26	19	94	93	92	80	87	93	89.8	2
18	64.68	64.81	65.49	62.22	62.42	63.75	63.90	18.6	18.4	24.3	30.4	25.5	21.7	23.2	31.7	17.6	98	98	89	60	76	95	86	------
19	63.44	63.14	64.05	60.51	61.12	63.09	62.56	20.5	20.1	22.6	30	26.2	23.3	23.8	31.4	19.7	94	96	88	66	75	83	83.7	------
20	62.54	62.64	64.07	61.65	62.27	63.54	62.78	22.5	22.2	24.5	25.7	22.3	21.3	23.1	28.2	20.6	88	95	82	72	87	95	86.5	------
21	63.30	63.56	64.35	62.52	63.09	64.49	63.55	21.1	20.4	23.6	24.5	21.8	20.8	22	26	19.5	95	93	69	76	87	94	85.7	------
22	63.93	64.14	65.30	63.52	63.60	64.89	64.23	20.3	20.6	23.8	25.1	22.8	21.1	22.3	27	18.7	91	87	80	72	76	83	81.5	------
23	64.34	64.43	65.44	63.57	63.67	64.89	64.39	19.2	19.8	23	25	23.2	20.7	21.8	27.4	18.2	92	92	79	71	75	98	84.5	------
24	64.56	64.49	65.35	62.06	61.85	63.22	63.59	19.1	17.8	25	30	25.4	21.6	23.2	31	17	94	93	76	62	76	86	81.2	1
25	62.67	62.87	64.09	62.57	62.57	64.08	63.14	20.7	20.8	24	24.3	22.4	20.7	22.2	25.3	20	98	94	84	78	77	89	86.7	2
26	63.63	63.43	64.63	62.22	62.25	64.08	63.38	20.1	20	24.4	28.8	25.7	21	23.3	30.6	19.5	93	92	88	62	72	87	82.3	------
27	64.16	64.25	64.80	62.24	62.87	63.92	63.71	19	17.2	24.7	31.2	24.2	21.1	22.9	31.7	16.5	92	93	78	52	74	92	80.2	------
28	63.49	64.14	64.69	61.92	61.57	62.54	63.06	20.7	20	24	27.4	25	21	23	28.5	19.5	94	95	78	67	80	95	84.8	------
29	62.33	62.80	63.62	61.12	61.34	62.63	62.31	20.2	20.3	24	27.6	24.5	22	23.1	28	19.6	95	96	85	67	82	94	86.5	------
30	62.14	62.22	63.19	60.83	61.53	62.77	62.12	21.8	21.7	25.3	28.4	25.3	23.1	24.3	30	21.3	95	95	83	64	83	88	84.7	------
31	61.98	62.94	63.95	61.29	61.09	62.95	62.43	22.3	21.8	24.5	25.6	23.7	22	23.3	28.1	21.1	91	95	83	82	90	91	88.7	4.6
Mean	64.92	65.12	66.13	63.64	63.78	65.21	64.83	19.7	19.2	23.6	27.1	23.8	21.1	22.4	28.4	18.2	92.1	93.6	81.2	67.4	79.4	88.7	83.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	NW	1	N	2	NW	2	NNW	2	NW	2	10	------------	S.-Cu.	10	------------	S.-Cu. N
2	NW	1	NE	1	NW	2	NNW	3	NW	2	NW	2	10	------------	S.-Cu. N	10	------------	S.-Cu. N
3	Calm	----	NW	1	NW	2	NE	1	N	1	Calm	----	8	Ci.	S.-Cu. NE	9	------------	S.-Cu. N
4	Calm	----	Calm	----	S	2	SE	1	Calm	----	Calm	----	10	------------	S.-Cu. S	8	------------	S.-Cu. S
5	Calm	----	Calm	----	SE	2	S	1	Calm	----	Calm	----	1	------------	S.	5	------------	Cu. SW
6	Calm	----	Calm	----	Calm	----	NW	1	N	2	Calm	----	0	------------	------------	4	------------	Cu. W
7	Calm	----	Calm	----	NE	1	N	3	NW	2	NW	3	6	------------	S.-Cu. N	5	------------	Cu. N
8	NW	5	NW	4	N	5	NW	6	NW	6	NNW	4	10	------------	S.-Cu. N	10	------------	Cu.-N. N
9	NW	1	Calm	----	NE	1	NW	1	Calm	----	Calm	----	10	------------	S.-Cu. N	7	------------	Cu. E
10	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	0	------------	------------	4	------------	Cu. NW
11	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	0	------------	------------	0	------------	------------
12	Calm	----	Calm	----	SW	1	SSE	1	Calm	----	Calm	----	10	------------	N.	10	------------	Cu.-N. S
13	Calm	----	SE	1	Calm	----	SE	1	Calm	----	Calm	----	8	------------	S.-Cu. SW	7	Ci.	Cu. SE
14	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	NE	1	6	------------	S.-Cu.	2	Ci.-S.	------------
15	Calm	----	Calm	----	SW	1	NE	1	NW	1	Calm	----	7	------------	S.-Cu.	10	------------	Cu.-N. NE
16	Calm	----	Calm	----	Calm	----	N	1	NW	1	NW	3	10	------------	N.	10	------------	Cu.-N. N
17	Calm	----	Calm	----	Calm		Calm	----	Calm	----	Calm	----	10	------------	Cu.-N.	10	------------	Cu.-N. SW
18	Calm	----	SE	1	Calm	----	SE	1	Calm	----	Calm	----	0	------------	------------	1	------------	Fr.-Cu.
19	Calm	----	Calm	----	SSE	1	E	1	NE	1	Calm	----	3	------------	S.-Cu.	3	Ci.	Fr.-Cu.
20	Calm	----	Calm	----	NW	1	NW	1	NE	1	NW	1	4	Ci.	S.-Cu.	10	------------	Cu.-N. N
21	N	2	NW	2	NW	2	NW	2	NW	3	NW	3	8	------------	S.-Cu. N	8	------------	S.-Cu. N
22	Calm	----	Calm	----	Calm	----	NE	2	NW	1	NW	1	5	------------	S.-Cu. SW	8	------------	S.-Cu. N
23	Calm	----	Calm	----	N	1	NE	2	Calm	----	Calm	----	10	------------	S.-Cu.	10	------------	S.-Cu. N
24	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	3	------------	S.-Cu.	7	------------	Cu. SE
25	Calm	----	Calm	----	NW	1	Calm	----	NW	1	Calm	----	10	------------	N.	10	------------	Cu.-N.
26	SE	1	S	1	SSE	1	SE	1	Calm	----	Calm	----	10	------------	Cu.-N. S	5	Ci.	Cu. SE
27	Calm	----	Calm	----	E	1	ENE	1	NW	2	NNW	3	0	------------	------------	4	------------	Fr.-Cu. N
28	SE	1	Calm	----	Calm	----	NE	1	NW	1	NW	1	8	------------	S.-Cu. SE	10	------------	Cu.-N.
29	Calm	----	Calm	----	Calm	----	N	1	NE	1	NW	1	4	------------	S.-Cu.	8	------------	Cu.-N. E
30	Calm	----	Calm	----	Calm	----	NE	1	NE	1	NW	1	10	------------	N.	7	------------	Cu.-N. NW
31	Calm	----	Calm	----	NW	1	NW	1	NW	1	NW	1	10	------------	S.-Cu.	10	------------	Cu.-N. SE
Mean	-------	0.4	-------	0.4	-------	1	-------	1.4	-------	1	-------	0.9	6.5	------------	------------	7.2	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.10	62.29	62.63	59.81	60.62	61.94	61.56	21.6	20.5	27.4	31	25.4	23	24.8	33.4	19.5	92	97	68	57	77	92	80.5	------
2	61.64	61.99	63.25	61.45	61.83	63.50	62.28	22.3	22.1	25	27.5	23.6	21.6	23.7	28.8	21	94	92	88	60	77	90	83.5	------
3	63.42	63.77	65.04	62.81	62.77	64.31	63.69	21.3	21.5	25	27.2	25.6	23	23.9	28.6	20.6	92	87	72	57	88	79	79.2	------
4	63.60	63.68	64.94	61.63	61.90	63.34	63.18	21.8	21.2	26.4	27.4	25.5	22.5	24.1	29.2	20.5	90	93	69	68	78	92	81.7	------
5	62.70	62.53	63.62	60.85	60.59	62.54	62.14	21.4	19.6	26.5	30.7	27.5	24	25	33.2	19	-----	92	73	57	70	87	75.8	------
6	62.12	62.25	64	61	61.50	63.02	62.32	22.1	20.8	27.6	31.1	26	23.1	25.1	33	20.2	89	94	66	54	70	87	76.7	------
7	62.43	62.54	63.39	60.77	60.57	61.70	61.90	21.7	21.4	25.5	29.4	25.4	21	24.1	30.5	19.8	89	87	84	57	72	89	79.7	------
8	61.51	61.80	63.33	60.60	61.23	63.13	61.93	19.9	18.4	26.3	32.2	26.7	23.5	24.5	33.7	17.7	95	94	71	46	68	79	75.5	------
9	62.94	63.10	65.09	64.02	64.37	65.86	64.23	21.5	21.1	24.5	23.6	21.5	20.7	22.2	25.1	19.9	96	95	71	75	81	84	83.7	------
10	65.48	65.50	66.18	63.45	62.77	64.27	64.61	19.7	19	24.1	27.2	24	20.6	22.4	30	18.5	89	90	67	59	75	85	77.5	------
11	63.93	64.39	65.79	62.94	63.47	65.07	64.26	20.4	18.6	24.5	30.1	24	21.5	23.2	31	17.3	91	95	78	47	75	88	79	------
12	65	65.09	65.94	64.01	64.52	66.46	65.17	19.5	18.4	25.1	27.5	22.1	19.8	22.1	29.3	17.5	90	94	60	54	82	81	76.8	------
13	66.05	66.14	67.06	65.34	65.08	65.89	65.93	18.4	18.6	23.5	23.5	21.6	20	20.9	24.6	17.8	98	95	70	67	74	85	81.5	------
14	65.59	65.81	66.68	63.52	63.64	65.29	65.09	19	17.6	24.4	28.4	24.6	21.2	22.5	30.5	16.5	89	94	74	56	71	82	77.7	------
15	64.84	64.98	65.59	62.90	62.75	64.42	64.25	19.4	17.2	25.5	31	26.4	23.5	23.8	33.4	16.8	88	94	72	43	60	73	71.7	------
16	63.89	64.33	65.27	63.16	63.13	64.52	64.05	21.2	18.4	27.2	28	27	20	23.6	32.5	17.5	95	92	63	55	59	86	75	------
17	64.26	64.27	65.07	62.45	62.27	63.22	63.59	16.4	16	27	28	26.2	24	22.9	33.4	15.3	90	92	66	69	70	88	79.2	------
18	62.85	63.40	64.37	61.68	61.39	63.54	62.87	21.1	18.4	27.8	33.8	28.2	23	25.4	34.8	18	93	94	66	39	63	84	73.2	------
19	62.82	63.13	64.27	61.65	61.82	63.42	62.85	21.8	18.8	27	33.1	27.3	22.1	25	33.7	18.4	86	95	68	48	62	83	73.7	------
20	62.83?	62.94	64.01	61.21	60.90	62.43	62.39	19.3	18.4	26.6	33.7	29.2	23.5	25.1	34.5	17	89	98	67	44	63	84	74.2	------
21	61.99	62.35	63.04	60.75	60.76	62.69	61.93	19.3	17.5	28.4	32	28.3	22.2	24.6	34	17	86	95	61	50	59	86	72.8	------
22	61.82	61.83	62.39	59.54	59.66	61.82	61.18	19.6	18.5	27	33.6	29.5	24.4	25.4	34.8	18.1	91	98	63	49	57	78	72.7	------
23	61.71	61.82	62.85	59.76	60.72	63.14	61.67	22.3	21.1	27.6	32.4	25.8	22.3	25.2	34.2	19	88	92	66	48	69	75	73	------
24	62.81	62.55	63.78	60.80	61.23	62.54	62.28	19.7	18.9	25.5	31.6	25	22.2	23.8	33	17.5	86	91	62	44	69	89	73.5	------
25	62.32	62.37	63.46	60.85	60.52	62.55	62.01	21.3	20.5	26.6	32	25.6	22.5	24.8	33.8	19.8	92	92	71	44	71	82	75.3	------
26	62.27	62.75	64.52	62.40	62.94	64.42	63.22	22.2	19.8	27	29.9	24.3	22.6	24.3	30.5	19.5	85	92	60	53	72	81	73.8	------
27	63.92	64.42	65.69	63.52	62.92	64.42	64.15	21.8	21.1	25.2	27.4	25.1	23.5	24	28.6	20.5	84	86	71	66	75	83	77.5	------
28	64	64.04	65.60	62.36	62.05	64.27	63.72	22.5	21.1	28	34.6	30.5	23.2	26.6	36.1	20.4	85	90	61	48	48	81	68.8	------
Mean	63.24	63.43	64.53	61.97	62.07	63.70	63.16	20.7	19.4	26.1	29.9	25.8	22.3	24	31.7	18.6	90.1	92.9	68.9	54.1	69.8	84	76.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	SE	1	NE	3	NW	3	2	------------	S.	6	------------	Cu. W
2	NW	2	Calm	----	NW	2	NE	4	NW	2	NW	4	10	------------	S.-Cu. NW	6	------------	Cu. NE
3	NW	5	NW	2	NW	2	N	3	NW	1	NW	1	10	Ci.	S.-Cu. E	9	Ci.-S.	S.-Cu. N
4	Calm	----	Calm	----	N	1	NE	1	Calm	----	NW	1	10	------------	S.-Cu.	8	------------	Cu. NE
5	-------	----	Calm	----	S	1	SE	2	SE	1	Calm	----	2	Ci.	S.	6	------------	Cu. S
6	Calm	----	Calm	----	SE	1	NNW	2	NW	1	NW	2	3	------------	S.-Cu.	7	------------	Cu. N
7	Calm	----	Calm	----	N	1	NE	1	NW	1	Calm	----	10	------------	S.-Cu.	8	------------	Cu. S
8	Calm	----	Calm	----	S	1	Calm	----	NE	2	NW	1	5	Ci.	S.-Cu.	5	------------	Cu.
9	NW	1	NW	1	N	3	NW	4	NW	5	NW	4	6	------------	S.-Cu.	10	------------	Cu.-N. N
10	NNW	3	NW	2	NNW	2	NW	2	NW	1	NW	1	10	------------	S.-Cu. N	6	------------	Cu. E
11	Calm	----	Calm	----	NW	2	NW	2	NW	3	NW	2	7	------------	S.-Cu. N	2	------------	Fr.-Cu. N
12	Calm	----	NW	1	NW	2	NE	4	NW	3	NW	3	3	------------	Fr.-S. SW	4	------------	Cu. S
13	NW	3	N	1	N	2	N	3	N	1	NW	1	10	------------	N.	10	------------	Cu.-N. N
14	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	NW	1	8	------------	S.-Cu. ssw	6	------------	Cu. SW
15	S	1	Calm	----	SE	1	S	2	S	1	SE	1	5	------------	S.-Cu.	6	------------	Cu. SE
16	Calm	----	Calm	----	SE	1	E	1	SE	1	Calm	----	0	------------	------------	8	------------	Cu.-N. sw
17	Calm	----	Calm	----	S	1	E	1	SE	1	Calm	----	4	------------	S.-Cu.	10	------------	Cu.-N. S
18	Calm	----	Calm	----	SE	1	SE	1	NNW	1	Calm	----	4	------------	S.-Cu.	7	------------	Cu.
19	Calm	----	Calm	----	S	1	NE	1	Calm	----	Calm	----	0	------------	------------	7	------------	Cu. N
20	Calm	----	Calm	----	Calm	----	SE	1	S	1	Calm	----	0	------------	------------	0	------------	------------
21	Calm	----	Calm	----	Calm	----	S	1	N	1	Calm	----	0	------------	------------	8	------------	Cu. E
22	Calm	----	Calm	----	S	2	SSW	1	SE	1	NE	1	0	------------	------------	3	------------	Fr.-Cu. S
23	Calm	----	Calm	----	SW	1	SE	1	NW	5	NW	3	7	------------	S.-Cu. E	4	------------	Cu. E
24	NW	2	Calm	----	SE	1	NW	1	NNW	2	NW	2	7	------------	S.-Cu. SW	5	------------	Cu. N
25	NW	1	N	1	NE	1	N	2	NW	1	NE	2	8	------------	S.-Cu.	5	------------	Cu. N
26	Calm	----	Calm	----	NE	1	N	1	NW	2	NW	1	6	Ci.	S.-Cu.	8	Ci.	Cu.,Cu.-N. E
27	Calm	----	Calm	----	SE	1	E	1	S	1	SW	1	10	A.-S.	------------	10	------------	Cu.-N.
28	Calm	----	S	1	S	2	SE	1	S	1	Calm	----	4	Ci.	Fr.-S.	3	------------	Fr.-Cu.
Mean	-------	0.7	-------	0.3	-------	1.2	-------	1.6	-------	1.5	-------	1.2	5.4	------------	------------	6.3	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.39	64.58	65.42	62.56	62.76	64.99	64.12	20.4	18.4	27.2	33.7	27.7	22.8	25	34.7	17.4	88	92	64	45	61	79	71.5	------
2	64.52	64.68	65.74	62.63	63	64.82	64.23	20.5	18.5	26.2	33.4	26.4	22.2	24.5	34.2	17.8	84	92	66	47	66	82	72.8	------
3	64.07	64.31	64.99	62.61	61.35	62.62	63.32	20.8	19.4	26.2	30.7	28.2	22.2	24.6	33.8	18.8	91	94	82	62	70	86	80.8	------
4	61.94	61.90	62.88	59.25	59.08	61.12	61.03	19.8	18.6	28.4	34.6	29.1	24.2	25.8	36.7	18	87	91	63	39	53	78	68.5	------
5	60.14	60.38	61.16	57.83	58.43	59.98	59.65	22.2	19.9	29.5	34.8	31.5	27.6	27.6	37.5	19	86	93	58	41	57	70	67.5	------
6	58.94	59.09	60.06	56.98	57.05	59.29	58.57	24	22.4	31.1	33.3	31.6	26	28.1	36.8	22	90	88	60	49	59	78	70.7	------
7	58.42	59.58	60.67	57.92	57.89	60.44	59.15	24	22.6	28.3	34.4	29.1	26.3	27.4	35.1	21.7	84	93	76	45	68	79	74.2	------
8	59.52	59.73	60.60	57.62	57.56	60.20	59.20	24.4	23.6	31.7	37.8	32.4	28	29.6	39.1	22.9	88	91	53	39	61	73	67.5	------
9	59.54	59.83	60.75	58.19	58	60.27	59.43	24.7	23.1	32.6	35.1	30	25.5	28.5	38.6	22.3	81	89	55	41	59	80	67.5	------
10	59.83	60.01	61.66	58.46	57.83	59.79	59.60	25	24	31.2	36.4	30.7	25.5	28.8	38.4	22.4	77	77	52	41	62	81	65	------
11	58.90	59.66	60.86	57.80	57.35	59.97	59.09	22.6	20.4	29	36	30.6	24.2	27.1	38.5	19.8	85	91	64	37	53	78	68	------
12	59.28	59.94	61.28	59.02	58.59	60.77	59.81	21.5	20.8	29.4	35.4	30.6	24.6	27	36.8	20.5	84	91	63	35	54	88	69.2	------
13	60.19	60.88	62.52	59.30	58.88	61.91	60.61	21.4	20.8	28.6	36.3	31.2	24.7	27.2	38.7	20.6	97	91	69	36	57	83	72.2	------
14	60.88	61.97	63.35	60.39	61.15	63.54	61.88	22.7	22	30.6	33.7	27	24	26.7	34.8	21.5	95	89	57	44	70	85	73.3	------
15	62.62	63.59	64.87	62.59	62.56	63.81	63.34	23.4	22.1	29.2	29.8	26.3	24.3	25.8	31.4	22	85	88	60	63	70	77	73.8	------
16	63.44	63.22	64.26	61.65	61.05	63.41	62.84	23.4	22.8	28	33	29.8	24	26.8	36	22.5	83	84	64	47	54	77	68.2	------
17	62.79	63.65	64.65	62.23	61.90	64.56	63.30	21.8	20.6	30	35	31.6	25.7	27.4	37.5	19.7	85	90	53	42	51	72	65.5	------
18	64.02	64.69	65.99	62.70	62.73	65.05	64.20	23	21.4	30.7	36.4	29.3	25.4	27.7	37.7	21	84	87	51	32	59	77	65	------
19	64.59	64.76	65.05	61.28	61.55	63.10	63.39	24.4	22.8	31	35.2	27.5	24.2	27.5	36.2	22.5	82	89	53	35	61	82	67	------
20	61.77	61.82	63.06	59.12	58.97	60.60	60.89	23.2	21.6	28.4	35	27	24.6	26.6	37.3	21	88	91	64	34	68	83	71.3	------
21	59.91	60.43	61.65	58.29	57.97	60.24	59.75	23.6	23.1	30.5	36	30.6	25.6	28.2	38	22.5	91	90	58	36	54	83	68.7	------
22	59.65	60.56	62.01	59.26	58.40	60.63	60.08	24.6	23.7	30.8	37.5	31	25.3	28.8	39.5	23.3	86	86	57	34	50	78	65.2	------
23	60.06	61.04	61.82	58.63	58.32	60.74	60.10	23.3	22	30.9	37.5	31.2	25.4	28.4	38.5	21.5	84	89	54	30	50	74	63.5	------
24	60.08	61.42	62.46	59.17	58.58	61.40	60.52	23.2	21	30.5	37.5	31.5	25.5	28.2	40	21	84	86	50	28	48	81	62.8	------
25	60.90	61.74	63.15	59.53	59.18	61.53	61	22.7	21.5	30.5	36.7	31.1	25.2	28	38.5	20.6	86	93	55	36	43	74	64.5	------
26	61.04	61.72	63.43	60.59	60.65	63.14	61.76	23.7	21.2	28	34.4	28.4	23.3	26.5	35.2	20.6	83	93	65	31	53	85	68.3	------
27	62.34	62.83	63.72	60.60	60.64	62.83	62.16	23.5	22	27.6	31.7	28.4	24.3	26.2	34.1	20.1	76	75	58	43	55	70	62.8	------
28	62.42	63.14	64.12	60.68	60.04	62.50	62.15	20.5	18	28.7	35.8	32	25.7	26.8	38.4	17.2	79	90	54	35	48	74	63.8	------
29	62.52	62.89	63.09	59.67	58.91	61.41	61.42	25.1	24	32.1	36.6	31.4	25.2	29.1	39	23	73	75	41	34	56	83	60.3	------
30	60.94	61.31	62.02	58.53	57.81	60.33	60.16	23.3	21.8	30.2	37.1	32	25.4	28.3	38.7	21.3	90	97	64	37	49	86	70.5	------
31	59.65	59.84	60.46	57.09	56.95	58.99	58.83	23.5	22.4	28.7	36.5	31	24.9	27.8	38.4	22.3	88	89	67	37	50	82	68.8	------
Mean	61.27	61.78	62.83	59.75	59.52	61.74	61.15	22.9	21.5	29.5	35.1	29.9	24.9	27.3	37	20.9	85.3	88.8	59.7	39.8	57.1	79.3	68.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.												Clouds.					
	2 a.m.		6 a.m.		10 a.m.		2 p.m.		6 p.m.		10 p.m.		6 a.m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	NE	1	N	2	NW	2	4	Ci.	------------	3	------------	Fr.-Cu.
2	Calm	----	Calm	----	NW	1	N	1	NNE	2	Calm	----	0	------------	------------	7	------------	Cu. E
3	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	NW	1	8	------------	S.-Cu. E	7	------------	Cu. SE
4	Calm	----	Calm	----	S	1	S	2	N	2	Calm	----	2	Ci.	S.	2	------------	Fr.-Cu.
5	Calm	----	Calm	----	S	2	S	2	S	1	SE	1	0	------------	------------	4	------------	Fr.-Cu. SSW
6	S	1	S	1	SSW	3	SE	4	SSE	1	N	2	3	------------	Fr.-S. SE	7	Ci.-S.	Cu. SE
7	NW	1	Calm	----	NW	1	NE	2	N	2	NW	1	10	------------	Cu.-N. WSW	7	------------	Cu. N
8	Calm	----	Calm	----	SW	2	S	3	SW	2	Calm	----	10	------------	S.-Cu. SE	4	Ci.-Cu.	Fr.-Cu. S
9	Calm	----	Calm	----	S	1	NE	1	NE	1	Calm	----	4	------------	S.-Cu.	8	------------	Cu. S
10	SW	1	Calm	----	S	1	SE	2	NW	1	Calm	----	3	------------	Fr.-S. E	1	------------	Fr.-Cu.
11	Calm	----	Calm	----	NW	1	NNW	1	N	1	Calm	----	0	------------	------------	0	------------	------------
12	S	1	Calm	----	SE	1	WNW	1	NE	1	NW	2	0	------------	------------	2	------------	Fr.-Cu.
13	S	1	SE	1	S	2	SW	1	NW	2	NW	2	4	------------	Fr.-S.	4	------------	Fr.-Cu. SW
14	Calm	----	Calm	----	NW	2	NW	4	NW	3	NW	3	7	------------	S.-Cu.	6	------------	Cu. N
15	NW	2	NW	1	N	3	NW	1	NW	1	NW	1	9	------------	S.-Cu.	10	------------	Cu.-N.
16	NW	1	Calm	----	N	2	ESE	1	SW	1	Calm	----	9	------------	S.-Cu.	7	------------	Cu. S
17	Calm	----	SE	1	SE	1	SW	2	SE	1	Calm	----	7	------------	S.-Cu. SW	5	------------	Cu. SW
18	Calm	----	SSE	1	SW	2	SE	1	N	3	Calm	----	0	------------	------------	6	------------	Cu. SE
19	Calm	----	Calm	----	SE	1	SW	1	NW	4	NW	1	6	Ci. SE	S.-Cu. S	4	------------	Cu. W
20	Calm	----	Calm	----	Calm	----	S	1	N	5	NW	2	7	------------	S.-Cu. SW	6	------------	Cu. W
21	S	1	Calm	----	SE	1	S	1	NW	1	NW	2	7	Ci.	S.-Cu. N	4	------------	Cu. S
22	SE	1	SE	1	SSE	1	SW	1	NW	1	Calm	----	7	------------	S.-Cu. W	4	------------	Cu. S
23	SE	1	SE	1	S	1	SE	1	NE	1	Calm	----	8	------------	S.-Cu. E	2	------------	Fr.-Cu.
24	SE	1	S	1	S	2	SE	1	NE	1	NE	1	2	------------	Fr.-S.	0	------------	Fr.-Cu.
25	Calm	----	Calm	----	SE	1	SW	1	NE	1	NW	1	5	------------	S.-Cu. N	4	------------	Fr.-Cu. S
26	Calm	----	Calm	----	S	1	NW	4	NE	3	NW	3	8	------------	S.-Cu.	5	------------	Cu. E
27	Calm	----	SE	1	S	1	NW	1	NW	2	NW	2	10	------------	Cu.-N. E	10	------------	Cu.-N. E
28	SE	1	Calm	----	Calm	----	E	1	Calm	----	Calm	----	0	------------	------------	2	------------	Fr.-Cu.
29	Calm	----	Calm	----	SE	2	SE	1	NW	1	NW	3	4	------------	Fr.-S.	2	------------	Fr.-Cu.
30	Calm	----	Calm	----	WSW	1	SW	1	Calm	----	NW	5	3	------------	S.-Cu.	2	------------	Fr.-Cu.
31	Calm	----	Calm	----	S	1	SSW	1	Calm	----	NW	1	7	------------	S.-Cu. SE	3	------------	Fr.-Cu.
Mean	-------	0.4	-------	0.3	-------	1.3	-------	1.5	-------	1.5	-------	1.2	5	------------	------------	4.5	------------	------------

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.44	59.91	60.60	57.62	57.78	60.04	59.06	23	22.1	30.5	38.4	31.2	25	28.4	39.4	21.5	88	85	50	31	54	83	65.2	------
2	59.89	60.81	61.62	58.81	58.73	61.35	60.20	22	21.6	30.6	37.5	31.5	24.5	28	39	21	94	89	52	33	48	80	66	------
3	60.66	61	62.40	59.19	58.66	61.75	60.61	21.9	21	30	38	34.7	26.4	28.7	40.1	20.6	96	93	53	28	37	75	63.7	------
4	60.73	61.24	62.07	58.69	58.58	61.41	60.45	23.8	22.4	30.4	37	31.8	27.2	28.8	40.8	21.8	82	91	60	42	55	75	67.5	------
5	60.58	61.36	62.17	59.62	60.85	62.76	61.22	25.2	25.3	30.8	32.7	26.8	25.7	27.8	34	25	82	85	60	52	68	86	72.2	------
6	60.82	60.93	62.10	58.70	59.80	61.17	60.59	24.5	24.3	27.7	29.5	26.3	25.4	26.4	33.2	23.6	92	91	70	68	84	88	82.2	1
7	59.84	60.51	61.92	58.58	59.58	62.05	60.41	24.6	23.6	28	33.7	27.4	25	27	36	22.8	92	96	75	45	68	84	76.7	------
8	60.78	61.87	62.77	60.93	61.57	63.91	61.97	24	23	28.5	30.5	26.2	24.3	26.1	34	22.5	85	85	67	56	70	82	74.2	------
9	63.07	63.51	65.18	62.96	63.05	65.03	63.80	23.5	23.1	26.8	30.4	26.5	24	25.7	31.4	22.5	85	84	69	52	57	71	69.7	.5
10	63.74	63.64	64.50	61.93	61.77	62.89	63.08	21.7	20.4	28.4	30.6	28.1	25	25.7	33.6	19.8	87	88	62	51	63	71	70.3	------
11	61.63	61.73	61.90	58.21	58.50	60.56	60.42	22.7	22.4	30.8	33.9	25.5	24.1	26.6	36.4	22	89	86	55	40	85	88	73.8	4.6
12	59.79	60.30	60.47	57.79	58.45	60.19	59.50	24.1	23.6	29.8	30.1?	26.3	24.4	26.4	32.7?	23.3	90	91	58	57	82	85	77.2	------
13	59.64	59.94	60.67	58.09	58.02	60.52	59.48	23.4	22.8	30	36.2	29.5	26.6	28.1	38	22.4	92	95	62	39	61	76	70.8	------
14	60.14	60.19	60.94	58.59	59.30	61.47	60.10	25	23.2	31.3	36.4	29.9	26.7	28.8	38	22.8	83	91	58	41	63	80	69.3	------
15	61.47	61.67	62.61	59.69	60.47	62.47	61.40	25.2	24.7	31.2	35.1	26.5	25.2	28	37.4	24	88	88	64	46	89	90	77.5	7.4
16	61.84	61.64	62.23	58.55	57.95	60.19	60.40	24.9	24.5	28.4	35.2	32.6	25.4	28.5	38	23.1	88	84	72	46	52	93	72.5	3.3
17	59.64	60.23	60.76	57.73	58	60.10	59.41	24.2	24.4	29.3	35.1	30.2	26.5	28.3	36.6	23	91	88	65	43	61	86	72.3	------
18	59.79	59.98	60.80	58.10	58.33	61.46	59.74	24.9	24.6	29.6	36.4	31	27.3	29	37.6	24	96	96	70	43	59	79	73.8	------
19	60.01	60.98	62.25	58.87	58.98	61.20	60.38	26.3	24.6	31.2	36.6	32.5	27.4	29.8	37.6	23.1	80	82	61	41	55	76	65.8	------
20	61.13	62.37	63.01	60.08	60.48	62.93	61.67	25.2	23.6	32	38.5	33.6	28.5	30.2	41.8	22.5	88	88	54	35	49	75	64.8	------
21	62.70	63.22	63.53	60.21	60.63	63.04	62.22	26.2	25.2	33.1	38.4	33.5	29.2	30.9	40.6	24.5	84	88	54	38	61	71	66	------
22	62.05	61.87	62.09	59.17	59.07	61.19	60.91	25.5	23.9	32.2	37.5	33.4	28.6	30.2	39.7	22.5	78	84	53	41	46	61	60.5	------
23	59.96	60.59	60.55	57.57	58.35	60.62	59.61	25.8	24.4	33	39.2	30.2	27.5	30	41.1	24	75	82	50	30	61	81	63.2	------
24	60	60.03	60.96	58.21	58.75	60.97	59.82	26.2	25.2	32.2	37.8	30.1	27.4	29.8	39.7	24.6	85	88	58	39	74	81	70.8	------
25	60.14	60.34	60.96	57.94	58.83	60.92	59.86	25.9	25.2	32.4	39	30.6	27.3	30.1	41.1	25	89	92	59	34	65	82	70.2	------
26	60.26	60.99	61.49	58.06	58.36	60.98	60.02	25.4	24.8	32	38.6	35.4	27.6	30.6	40.8	24.5	87	87	59	33	41	78	64.2	------
27	60.72	60.94	61.33	58.55	57.87	60.70	60.02	25.5	23.6	32.3	38.3	32.4	27.1	29.9	41.6	23.3	81	85	47	26	52	80	61.8	------
28	60.28	60.38	59.95	57.15	58.33	60.55	59.44	25.9	24	31.9	38.5	32	27.3	29.9	39.8	23.7	83	88	53	33	46	72	62.5	------
29	59.77	59.89	59.96	57.64	57.27	59.72	58.94	25.8	23	31.5	39.5	32.8	27.6	30	40.6	22.3	78	84	54	27	48	69	60	------
30	59.67	60.11	60.39	57.96	58.26	60.60	59.50	25.2	23.9	32.4	37.5	31.5	26.9	29.6	40	23.4	77	81	44	31	54	75	60.3	------
Mean	60.64	61.07	61.74	58.82	59.15	61.42	60.47	24.6	23.6	30.6	35.9	30.4	26.4	28.6	38	23	86.2	87.8	58.9	40.7	60.3	79.1	68.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	S	1	S	2	SE	1	NW	1	Calm	----	0	------------	------------	0	------------	------------
2	NW	1	SE	1	S	1	SW	1	N	2	N	2	0	------------	------------	0	------------	------------
3	SE	1	SE	2	SE	1	SE	1	Calm	----	W	1	0	------------	------------	3	Ci.-S.	Fr.-Cu.
4	Calm	----	Calm	----	SE	1	SW	1	NW	2	N	2	5	Ci.	S.	6	------------	Cu. S
5	Calm	----	NW	1	NW	1	N	5	NW	3	S	1	8	------------	S.-Cu. N	7	------------	Cu.-N. E
6	Calm	----	Calm	----	Calm	----	SE	1	NW	1	Calm	----	8	------------	Cu.-N.	8	------------	Cu.-N. S
7	Calm	----	Calm	----	NW	2	NE	4	N	5	NW	3	8	------------	N. S	6	------------	Cu. NE
8	N	1	N	1	NW	1	NW	5	NW	1	N	3	7	------------	S.-Cu. E	9	------------	Cu.-N. E
9	NW	1	N	2	NE	1	Calm	----	NW	2	NW	3	7	Ci.	S.-Cu. NE	10	------------	Cu.-N. E
10	Calm	----	Calm	----	SE	1	NE	1	Calm	----	WNW	1	3	Ci.	S.-Cu.	10	------------	Cu.-N. W
11	Calm	----	Calm	----	SE	1	Calm	----	N	2	Calm	----	8	------------	S.-Cu. S	6	------------	Cu. NW
12	NE	1	N	1	SW	1	SSW	1	NW	2	Calm	----	10	------------	Cu.-N. NW	5	------------	Cu. NW
13	Calm	----	SSW	1	SE	2	SE	1	N	5	N	2	6	------------	S.-Cu. S	4	------------	Fr.-Cu. NW
14	Calm	----	Calm	----	SE	1	NW	2	N	3	NW	4	1	------------	S.	7	------------	Cu. W
15	Calm	----	Calm	----	SW	1	SE	1	S	3	Calm	----	8	------------	S.-Cu. W	8	------------	Cu. W
16	S	1	SE	1	SE	2	S	1	N	2	NW	1	10	------------	N.	4	------------	Fr.-Cu. S
17	Calm	----	Calm	----	NE	1	Calm	----	NW	2	NW	4	2	------------	S.	4	------------	Fr.-Cu.
18	Calm	----	Calm	----	SSW	1	Calm	----	NW	2	Calm	----	8	------------	Cu.-N. NE	4	------------	Fr.-Cu.
19	Calm	----	Calm	----	S	3	S	5	SE	2	Calm	----	2	------------	S.	6	------------	Cu. E
20	Calm	----	Calm	----	S	2	SE	1	S	2	SE	2	0	------------	------------	4	Ci.	Cu. S
21	Calm	----	Calm	----	S	3	S	3	S	1	Calm	----	0	------------	------------	5	Ci.	Cu. SE
22	SE	1	Calm	----	SE	1	SE	2	SSE	2	SE	3	7	Ci., Ci.-S.	------------	9	Ci.-S.	------------
23	SE	1	Calm	----	SE	3	SE	4	NE	5	NE	3	0	------------	------------	6	Ci.-S.	Cu. SW
24	Calm	----	Calm	----	SE	2	SE	1	NW	2	NW	3	4	------------	Cu.-N. SE	6	Ci.-S.	Cu. S
25	NNW	2	S	1	SE	2	SE	1	N	2	NW	3	0	------------	------------	2	------------	N. W
26	Calm	----	SE	1	S	3	SW	5	Calm	----	Calm	----	0	------------	------------	0	------------	------------
27	SE	1	SE	1	S	3	SE	1	NW	3	NW	1	0	------------	------------	5	Ci.	Fr.-Cu.
28	Calm	----	SE	2	N	1	NW	3	N	3	N	2	3	Ci.	------------	6	------------	Cu. ESE
29	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	5	Ci.	------------	3	Ci.	------------
30	SE	1	SE	1	SE	1	WSW	1	NW	3	Calm	----	0	------------	------------	5	Ci.-S.	Fr.-Cu.
Mean	-------	0.4	-------	0.6	-------	1.5	-------	1.8	-------	2.2	-------	1.5	4	------------	------------	5.3	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.07	61.19	61.30	58.45	58.23	61.13	60.06	24.5	23.8	32.3	38	33.1	28.4	30	39.8	23.3	84	82	51	33	51	72	62.2	------
2	60.94	61.67	61.48	59.20	58.96	61.87	60.69	25.7	23.9	32.4	37.8	31.1	27.4	29.7	40.4	23	77	79	42	25	61	77	60.2	------
3	61.50	61.55	61.91	58.59	59.07	61.46	60.68	25.9	25	31.7	37.5	30.3	27.8	29.7	39.5	24	85	86	50	37	60	69	64.5	------
4	60.31	61.27	61.23	57.67	58.84	60.25	59.93	27	25.3	33	37.5	28.4	26.6	29.6	39.2	24.6	74	79	50	33	70	79	64.2	1.8
5	58.24	59.43	59.40	55.52	57.44	59.37	58.23	25.3	23.6	31.6	38.6	25.1	26.5	28.4	40.1	23	79	83	54	36	88	83	70.5	28.9
6	57.95	59.04	59.40	56.06	58.87	60.17	58.58	25.8	24.7	31.3	35.6	26	24.9	28	38	24.2	86	90	59	36	70	84	70.8	.5
7	59.24	59.99	61.20	57.96	58.53	61.07	59.66	24.5	23.5	30	36.8	28.8	26.7	28.4	37.7	23	89	94	65	37	72	83	73.3	------
8	60.18	60.33	60.95	57.57	57.21	59.56	59.30	25.1	24.8	30.4	37.5	32.5	27.5	29.6	39.8	24.6	88	93	61	34	52	73	66.8	------
9	58.28	58.49	58.48	55.09	57.24	58.28	57.64	25.1	24	33	36.9	22.5	23.3	27.5	39.6	22.2	86	90	50	40	92	94	75.3	48.2
10	56.68	56.89	57.62	54.12	56.09	58.05	56.58	23.3	23.7	28.9	35.5	25.5	25.4	27	37.4	22.5	97	95	80	49	93	89	83.8	16.8
11	57.56	57.92	58.17	56.82	56.79	59.06	57.72	24.2	23.8	29.4	33	30.7	26.5	27.9	34.4	23.3	92	93	70	56	67	84	77	------
12	58.58	59.17	59.61	57.52	58.25	60.36	58.92	25.7	25.1	30.8	36.6	34	27.7	30	38.5	24.6	88	92	69	43	53	81	71	------
13	59.38	59.55	60.16	58.06	57.93	60.32	59.23	26.5	25.5	32	37.1	32.1	27.6	30.1	39.1	25	85	88	55	39	54	80	66.8	------
14	59.67	59.75	60.33	57.94	57.86	60.52	59.34	26.6	25.3	31.5	37.2	33.7	27.8	30.4	39.2	24.7	84	88	58	34	52	79	65.8	------
15	59.87	60.05	60.34	57.74	58.48	59.91	59.40	25.8	24.5	31.4	37.5	30.6	28.2	29.7	40.1	24	85	88	55	40	64	77	68.2	------
16	59.35	59.82	59.78	56.90	58.26	59.66	58.96	26.6	25.8	31.7	37.8	28.1	27.5	29.6	40	25.5	83	90	62	39	66	69	68.2	9.7
17	59.53	59.70	60.20	56.98	59.20	60.14	59.29	24.9	25.2	30.6	36.2	27.3	26	28.4	37.3	24	93	95	71	41	69	82	75.2	------
18	59.09	59.61	60.25	56.81	57.87	59.72	58.89	25.4	24.4	31.4	37.3	29.5	27.5	29.2	39.5	24	85	92	58	41	65	73	69	------
19	58.69	59.47	59.68	56.46	57.79	59.62	58.62	26.7	26.6	32.4	37.6	29.4	27.6	30	40.4	25.5	79	80	58	38	71	80	67.7	------
20	58.12	59.02	59.29	56.65	57.20	59.69	58.33	26.2	26.2	31.8	37	31	28.8	30.2	39.9	25.2	85	89	62	41	63	73	68.8	------
21	58.77	59.63	60.08	57.51	58.88	61.51	59.40	26.3	25.4	32	36.9	32.8	28.2	30.3	39.2	24.5	87	89	67	36	56	77	68.7	------
22	60.80	61.53	61.85	59.01	58.10	61.30	60.43	26	24.4	31.5	37.6	34.1	29	30.4	39.3	23.6	82	90	65	39	49	78	67.2	------
23	60.40	60.84	60.75	57.84	57.26	59.65	59.46	27.8	26.2	32.5	39.6	33.8	27.8	31.3	41.3	26	84	84	60	34	48	75	64.2	------
24	58.72	59.58	59.48	56.51	57.09	59.30	58.45	26.1	25.5	31.6	37.2	32	28	30.1	39.7	24.9	85	88	62	40	55	79	68.2	------
25	58.93	58.87	59.63	57.25	57.52	60.25	58.74	26.6	25.6	31.8	37.3	31.5	28.1	30.2	38.6	25	84	88	64	42	48	77	67.2	------
26	58.80	59.09	60.12	57.12	57.40	59.59	58.69	26.2	25	32.7	35	31	28.1	29.7	37.2	24.4	83	90	55	51	62	78	69.8	------
27	58.25	58.60	58.17	55.24	55.13	56.91	57.05	26.1	25.5	31.5	38.2	32.2	27.8	30.2	40.6	24.5	88	90	64	41	52	76	68.5	------
28	56.24	56.39	56.46	53.49	53.95	56.27	55.47	26.2	24.5	32	38.2	32	28.1	30.2	39.5	24	82	87	60	35	49	74	64.5	------
29	55.73	55.88	56.08	53.72	53.64	56.25	55.22	26.3	25.2	31.8	38.4	33.1	28.4	30.5	39.5	24.4	82	88	64	35	48	77	65.7	------
30	55.79	56.14	56.59	53.86	53.73	56.36	55.41	26.3	24.5	32	36.8	32	28.5	30	39.5	24.2	83	88	58	42	57	75	67.2	------
31	55.47	55.67	55.02	52.75	52.75	52.94	54.10	26.7	26	31	30	26.1	25.6	27.6	32.2	25.3	83	92	69	78	99	97	86.3	17.8
Mean	58.75	59.23	59.52	56.66	57.28	59.37	58.47	25.9	24.9	31.5	36.9	30.3	27.3	29.5	38.9	24.2	84.7	88.4	60.3	40.2	63.1	78.8	69.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	123.7

Day.	Wind.											
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*
1	SE	1	Calm	----	S	2	S	3	SE	1	Calm	----
2	SE	1	S	1	SE	2	S	2	NW	3	Calm	----
3	SW	1	Calm	----	SE	1	Calm	----	NW	3	NW	1
4	Calm	----	Calm	----	SE	1	S	1	N	1	Calm	----
5	SE	1	SE	1	S	1	SE	3	S	1	Calm	----
6	S	1	SE	1	SE	2	Calm	----	NW	3	Calm	----
7	Calm	----	Calm	----	SSE	1	NW	1	NW	3	NW	2
8	Calm	----	Calm	----	SE	1	ENE	1	Calm	----	Calm	----
9	Calm	----	Calm	----	S	2	NW	1	SW	1	Calm	----
10	Calm	----	Calm	----	Calm	----	S	1	S	2	Calm	----
11	SE	1	Calm	----	SE	1	Calm	----	Calm	----	Calm	----
12	Calm	----	Calm	----	SW	1	S	1	SE	1	W	1
13	Calm	----	S	1	SE	1	SE	1	Calm	----	N	1
14	Calm	----	Calm	----	SSE	2	SW	2	Calm	----	N	1
15	Calm	----	Calm	----	SE	2	E	1	NE	2	NW	2
16	Calm	----	Calm	----	SW	3	S	1	N	1	Calm	----
17	Calm	----	Calm	----	SW	1	SW	1	N	2	Calm	----
18	SW	1	SW	1	SE	2	SE	1	NW	2	Calm	----
19	SE	1	SE	1	S	2	SE	1	NW	1	N	1
20	Calm	----	Calm	----	S	1	SW	1	N	2	Calm	----
21	Calm	----	Calm	----	SE	1	W	1	NW	2	NE	1
22	SE	1	Calm	----	S	1	NW	2	NW	1	NE	1
23	S	1	SSE	1	SE	1	SE	1	NW	1	NW	3
24	Calm	----	Calm	----	SE	1	NW	1	N	3	Calm	----
25	SW	1	SE	1	N	1	NW	3	N	3	Calm	----
26	Calm	----	Calm	----	NW	1	NE	3	N	2	Calm	----
27	S	1	SE	1	SW	1	SSW	1	N	3	NW	3
28	SE	1	Calm	----	SE	1	NE	2	N	4	N	2
29	Calm	----	Calm	----	S	1	NE	1	NE	2	NW	3
30	Calm	----	Calm	----	Calm	----	Calm	----	N	3	NW	5
31	N	2	NE	2	NE	3	NNW	4	NW	1	NW	5
Mean	-------	0.5	-------	0.4	-------	1.3	-------	1.4	-------	1.7	-------	1

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0-10			*0-10*		
1	0	----------	----------	5	----------	Cu.
2	2	Ci.	----------	2	----------	N.
3	6	----------	S.-Cu. NE	7	----------	Cu. E
4	0	----------	----------	7	----------	Cu. SE
5	0	----------	----------	6	Ci.	Cu. E
6	5	A.-Cu. SW	Cu. S	6	Ci.-S.	Cu.-N.
7	4	Ci. W	----------	4	----------	Cu. SE
8	4	A.-Cu.	N.-cf. S	7	Ci.-S.	Cu.-N. NW
9	0	----------	----------	7	----------	Cu.-N. W
10	5	----------	Cu.-N. S	5	Ci.	Cu.-N. S
11	7	Ci.	S.-Cu. S	10	----------	Cu.-N. S
12	4	----------	S.-Cu. E	3	----------	Cu. S
13	0	----------	----------	4	----------	Fr.-Cu. S
14	0	----------	----------	3	----------	Fr.-Cu. SE
15	0	----------	----------	2	----------	Fr.-Cu.
16	8	----------	S.-Cu. SE	4	----------	Fr.-Cu. W
17	8	A.-Cu.	Cu.-N. S	8	Ci.-S.	Cu.-N. W
18	7	Ci.	S.-Cu. SE	7	Ci.	Cu. S
19	8	----------	S.-Cu.	4	----------	Fr.-Cu. S
20	8	----------	Cu.-N. SE	4	----------	Cu.
21	5	Ci.	Cu.	8	----------	Cu.-N. SW
22	3	Ci.-Cu.	S.	7	Ci.	Cu. SE
23	1	----------	Cu.	3	----------	Cu.
24	0	----------	----------	7	----------	Cu. E
25	5	Ci.	S.-Cu.	7	----------	Cu. N
26	2	Ci.	Cu.	6	Ci.-S.	Cu. NE
27	7	----------	Cu. E	5	----------	Cu. E
28	4	Ci.-S.	----------	4	Ci.	Cu. E
29	0	----------	----------	4	----------	Cu.-N. N
30	0	----------	----------	8	----------	Cu. NE
31	10	----------	Cu.-N. N	10	----------	Cu.-N. N
Mean	3.6	----------	----------	5.6	----------	----------

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	50.60	50.57	51.31	50.36	51.24	53.76	51.31	25.3	25.6	29.3	29.8	26.5	25.4	27	30.6	25	95	92	79	78	91	95	88.3	13.7
2	52.46	52.97	53.88	52.27	53.27	54.97	53.30	24.8	25	30.7	33.4	25.7	26.2	27.6	34.6	24.4	95	93	71	58	91	90	83	33.2
3	54.81	55.20	56.32	54.06	54.86	57.27	55.42	24.5	24.8	28.5	32.4	27.2	25.4	27.1	34.2	24	92	95	78	60	80	86	81.8	32.5
4	56.43	56.78	57.22	55.33	55.27	56.73	56.29	24.2	24	28.6	31.1	29.1	27	27.3	32.6	23.7	98	97	75	60	64	78	78.7	------
5	55.25	55.41	57.78	56.19	56.52	58.70	56.64	25.6	25.4	27.5	30	28.8	26.6	27.3	30.4	25	88	88	78	71	72	86	80.5	------
6	58.32	58.85	59.60	57.83	59.04	60.84	59.08	24.8	24.1	30.1	34	29.3	26.6	28.2	34.6	23.6	87	87	63	53	72	88	75	------
7	59.59	59.55	59.90	57.85	58.73	60.09	59.28	25.8	25.5	31.4	36.4	27.6	26.5	28.9	38.2	25.2	88	93	66	42	77	88	75.7	------
8	59.32	59.55	59.66	57.68	57.89	59.71	58.97	25.1	25.4	30.6	36.5	28.4	25.6	28.6	38	24.6	92	93	71	43	77	97	78.8	------
9	59.14	59.24	59.45	57.58	57.93	59.50	58.81	25.3	25	31.5	37	31.5	27.5	29.6	39	24.5	93	92	66	42	65	82	73.3	------
10	59.19	59.20	59.84	58.28	58.21	60.30	59.17	25.9	24.7	30.8	36.5	32	27.3	29.5	38.8	24.3	88	93	71	43	61	83	73.2	------
11	59.56	59.92	59.46	57.57	57.56	59.73	58.97	25.3	24.6	31.1	37.1	31.7	27.6	29.6	38.9	24	94	95	69	43	64	81	74.3	------
12	58.77	59.04	59.42	56.62	56.65	59.22	58.29	25.7	24.6	31.4	37.6	31.6	28	29.8	38.7	24.2	89	93	65	39	62	79	71.2	------
13	58.18	59.04	58.86	56.31	56.69	59.70	58.13	26.1	25.2	31.5	37.6	32.4	27.8	30.1	39.6	24.5	92	96	66	41	56	79	71.7	------
14	58.97	59.04	59.60	57.50	58.62	59.70	58.90	25.7	25	31.6	38	29.2	24.2	29	40	23	89	87	65	39	67	90	72.8	------
15	59.64	59.90	59.50	56.21	56.71	59.55	58.58	24.2	23.9	31.8	37.5	33.1	26.4	29.5	38.7	23	90	89	63	40	50	81	68.8	------
16	58.62	59.19	58.62	56.11	55.37	59.17	57.85	24.5	23.8	31.3	37.4	33.1	27.6	29.6	39.1	23	93	91	60	42	58	73	69.5	------
17	57.74	58.67	58.68	56.66	56.30	58.91	57.83	25.6	25	32.2	37.4	31.2	28.3	30	40	23.9	85	88	63	39	58	74	67.8	------
18	58.13	58.22	58.54	56.86	56.65	57.34	57.62	26.4	25	31.4	35.6	31.5	28.4	29.7	37.6	24.6	81	88	63	40	54	68	65.7	5.8
19	56.41	57	56.27	53.39	52.85	52.26	54.70	26	24.6	24.9	25.4	25.2	24.6	25.1	27.3	23.9	82	95	92	98	95	97	93.2	38.4
20	51.71	53.67	55.27	54.35	54.71	56.68	54.40	26.8	26.5	29.3	31.6	28.7	26.8	28.3	33.1	26	78	63	72	57	67	80	69.5	------
21	56.67	57.82	57.87	56.98	58.14	59.89	57.90	26.1	25.5	29.1	34.5	27.6	26.1	28.2	35.2	25?	82	84	72	54	81	88	76.8	25.4
22	58.48	59.20	59.54	58.22	58.01	60.93	59.06	25	24.4	27.5	30.5	28.7	25.3	26.9	32.5	24	92	96	87	70	84	90	86.5	5.3
23	59.87	59.49	60.27	59.07	57.85	59.73	59.38	24.6	24.5	28	30	29.8	27.2	27.4	32.3	24.2	95	94	85	74	76	90	85.7	------
24	59.48	59.34	59.65	57.95	56.50	58.45	58.56	25.8	25.5	29.8	27.1	32	26.8	27.8	34.8	24.3	97	93	74	85	67	80	82.7	4.6
25	58.12	58.64	58.80	57.23	56.38	58.12	57.88	24.7	24	28.7	33.4	32.5	27.6	28.5	36	22.5	89	88	76	58	62	91	77.3	------
26	58.21	58.42	58.61	56.23	55.78	57.63	57.48	25.6	24.4	29.5	34.8	31.5	25.7	28.6	36	24	92	93	70	50	66	87	76.3	------
27	56.97	57.38	57.20	55.09	54.66	56.51	56.30	24.4	24.2	29	34.1	30.5	26.2	28.1	35.5	23.8	97	90	72	53	63	89	77.3	------
28	55.40	54.91	54.90	53.16	53.09	55.07	54.42	25	24.1	29.6	33.6	29.6	27.4	28.2	35	23.3	92	96	71	53	57	76	74.2	------
29	53.24	54.06	54.22	51.97	53.17	54.85	53.58	25.5	23.9	29.2	34.8	29.3	26.2	28.2	36.6	23.6	90	98	70	49	72	73	75.3	------
30	53.99	54.12	54.08	52.41	52.66	54.32	53.60	23.8	23.6	30.1	35	32.6	26.6	28.6	37.5	23	89	89	68	44	57	85	72	------
Mean	57.11	57.48	57.81	55.91	56.04	57.99	57.06	25.3	24.7	29.9	34	29.9	26.6	28.4	35.8	24.1	90.1	91	71.4	53.9	68.9	84.1	76.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	158.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	1	Calm	----	Calm	----	S	3	SE	1	SE	3	10	----------	Cu.-N. NW	10	----------	Cu.-N. S
2	Calm	----	SE	1	S	3	S	3	Calm	----	N	2	8	Ci.-S.	S.-Cu.	9	----------	Cu.-N. S
3	SE	1	SE	2	SE	1	Calm	----	N	4	Calm	----	10	----------	N. S	8	----------	Cu.-N. S
4	Calm	----	Calm	----	S	2	S	4	SW	2	S	2	10	Ci.	Cu.-N. N	10	----------	Cu.-N. S
5	SW	2	S	1	SSE	2	SE	1	S	1	Calm	----	10	----------	Cu.-N. SW	10	----------	Cu.-N. S
6	SE	1	SE	1	S	3	SE	1	N	2	NW	1	8	Ci.	S.-Cu.	8	Ci.-S.	Cu.
7	SSE	1	Calm	----	SE	1	SSE	1	NE	2	Calm	----	8	Ci.	Cu.-N.	6	Ci.	Cu. S
8	SE	1	SE	1	SE	2	Calm	----	NE	1	NW	1	7	Ci.	Cu.-N. SE	6	----------	Cu. S
9	Calm	----	Calm	----	S	2	E	1	N	4	NNW	3	1	Ci.	----------	2	----------	Cu.
10	Calm	----	Calm	----	S	2	SE	1	N	2	NW	2	0	----------	----------	3	----------	Fr.-Cu.
11	Calm	----	Calm	----	SE	1	NE	1	NW	3	NW	2	5	Ci.	----------	2	----------	Fr.-Cu.
12	SE	1	Calm	----	S	1	N	1	WNW	3	NW	2	7	Ci.	Cu.	4	----------	Fr.-Cu. E
13	N	2	Calm	----	S	1	NNE	2	NE	1	NE	1	7	Ci.	S.-Cu.	5	ci.-s.,ci.-cu.	Cu. S
14	SE	2	S	2	S	2	SE	1	NE	1	Calm	----	5	Ci. E	----------	7	Ci.	Cu. S
15	SE	1	S	1	S	1	SE	1	N	2	N	2	1	Ci.	----------	6	Ci.	Cu.
16	Calm	----	Calm	----	W	1	SW	1	NE	1	SSW	1	0	----------	----------	6	----------	Cu. S
17	SSE	1	SE	1	SE	1	S	1	NW	3	Calm	----	0	----------	----------	6	----------	Cu. SE
18	Calm	----	Calm	----	SE	1	SE	2	SE	1	Calm	----	4	Ci.	----------	8	----------	Cu.-N. E
19	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	10	----------	Cu.-N.	10	----------	N.
20	S	6	SE	4	SW	5	SE	5	SE	3	SW	6	10	Ci.-S.	N.-cf. S	10	Ci.-S.	Cu.-N.
21	SW	3	SSE	2	SE	4	SE	1	NW	3	Calm	----	8	----------	S.-Cu. SE	10	Ci.-S.	Cu.-N. S
22	Calm	----	SE	2	SE	1	SE	1	Calm	----	Calm	----	8	----------	Cu.-N. E	10	----------	Cu.-N. E
23	Calm	----	Calm	----	SE	2	Calm	----	NE	1	Calm	----	10	Ci.	Cu.-N. S	8	----------	Cu.-N. SE
24	Calm	----	S	1	SE	1	NE	1	Calm	----	SW	1	7	Ci.	S.-Cu.	10	----------	Cu.-N. S
25	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	0	----------	----------	10	Ci.-S.	Cu.-N. S
26	Calm	----	Calm	----	SSW	1	NW	1	NW	1	N	1	4	Ci.	----------	5	Ci.	Cu.
27	Calm	----	Calm	----	NE	1	N	2	N	2	NW	3	7	----------	S.-Cu.	10	Ci., Ci.-S.	Cu.
28	NW	1	NW	1	N	2	N	3	NW	3	N	3	9	Ci., Ci.-Cu.	Cu.-N. NE	8	Ci.-S.	Cu.-N.
29	Calm	----	Calm	----	W	1	NE	1	N	1	NW	1	8	ci.-s.,A.-cu.	----------	8	Ci.-S.	Cu.-N.NE
30	Calm	----	SE	1	SE	1	NW	1	NW	1	Calm	----	10	Ci., Ci.-S.	----------	10	Ci.-S.	----------
Mean	-------	0.8	-------	0.7	-------	1.6	-------	1.4	-------	1.6	-------	1.2	6.4	----------	----------	7.5	----------	----------

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.27	55.10	55.26	53.56	54.61	57.36	55.03	24.9	24	31	35.2	30.7	27.4	28.9	37.8	23.9	98	96	64	50	70	80	76.3	------
2	56.51	56.89	57.25	55.69	55.68	58.29	56.72	26	24.5	31	34.6	30.5	28	29.1	35.4	24.4	87	95	68	52	73	83	76.3	------
3	57.02	57.52	57.45	54.92	54.83	57.42	56.53	25.7	24.8	30.8	36.2	30.7	26.5	29.1	37.2	24.7	92	95	69	41	65	80	73.7	------
4	56.23	56.28	56.19	53.92	53.99	56.42	55.50	24.8	24.4	30.4	35.4	31.2	27	28.9	36.6	24	95	95	68	45	58	78	73.2	------
5	55.11	54.57	54.98	53.05	52.88	54.62	54.20	24.8	23.5	30.5	36.4	31	27.8	29	37.4	23	86	94	65	43	61	79	71.3	------
6	53.80	53.06	52.84	50.56	50.88	51.19	52.06	26.8	25.7	31	35.7	28	27.2	29.1	38	25.3	94	91	65	49	88	92	79.8	6.6
7	49.94	49.21	49.20	47.93	50.10	52.14	49.75	26	25	31.4	32.7	26.2	25.8	27.8	34.7	24.7	93	92	64	57	91	93	81.7	10.7
8	50.53	52.35	53.60	53.45	54.51	56.52	53.49	25.5	25.2	30	29.4	27.5	27	27.4	31.5	24.7	92	91	70	78	91	87	84.8	1.3
9	55.50	55.31	55.73	54.62	54.92	56.63	55.45	26	25.2	29.2	34.4	28.9	27	28.4	36.2	24.8	92	95	81	56	78	89	81.8	------
10	55.74	56.01	55.77	54.18	53.73	54.72	55.02	25.9	25.1	30.3	35.6	32	27.4	29.4	37.1	25	92	94	74	49	66	85	76.7	------
11	53.44	53.45	53.98	52.71	51.74	52.52	52.97	26.5	26.2	30.3	33.8	30.5	28	29.2	34.6	25.5	91	89	74	56	65	77	75.3	------
12	51.21	51.69	52.37	52.02	52.33	53.48	52.18	27.1	26.2	29.4	32	30.6	27.5	28.8	32.8	25.6	82	87	79	63	69	81	76.8	------
13	53.02	53.86	55.01	53.96	54.42	55.57	54.31	25.8	25.1	32.6	33.6	32.4	27.8	29.6	34.4	24.1	85	88	53	54	59	80	69.8	------
14	56.12	56.49	57.20	55.57	57.59	58.70	56.94	26.7	25.4	31.1	37.2	23.7	24.5	28.1	37.8	23.5	84	92	68	42	94	92	78.7	34.6
15	58.26	58.79	58.22	56.34	58.02	59.45	58.18	23.5	23	28.3	34	25	24.2	26.3	35.4	22.6	94	97	76	53	92	91	83.8	3.3
16	58.28	58.19	57.79	56.05	55.40	56.96	57.11	24.3	24	28	33	30.1	26	27.6	35.4	23.6	93	95	80	60	63	90	80.2	------
17	55.97	56.08	56.61	54.49	54.21	56.60	55.66	24.2	23.3	29	34.3	31.3	26.8	28.2	37	22.9	91	96	78	57	67	86	79.2	------
18	56.14	56.27	56.70	54.97	54.36	56.91	55.89	25.8	24.7	30.1	36.4	32.5	27.8	29.6	37.2	24.6	88	92	72	42	59	83	72.7	------
19	56.67	56.89	57.50	55.63	55.30	57.49	56.58	26.5	24.4	30.3	34.6	31.4	27.8	29.2	36.5	24.2	87	95	72	54	55	80	73.8	------
20	56.80	57.34	58.07	56.03	55.58	57.91	56.96	26.5	25.4	31	35.8	32.2	27.7	29.8	37.7	25	88	93	63	43	65	78	71.7	------
21	57.52	57.74	58.16	55.66	56.05	57.80	57.16	25.9	24.7	31	37	28.2	26.7	28.9	38.2	24	85	92	63	43	72	85	73.3	3.6
22	56.64	56.69	56.45	54.17	54.38	56.35	55.78	25.4	24.2	30.4	37	31.3	27	29.2	37.5	24	90	95	70	40	64	86	74.2	------
23	55.58	54.99	54.78	52.57	52.66	54.87	54.24	25.4	24.4	30.6	35.5	30.5	27.5	29	37.1	24	89	93	65	44	67	81	73.2	------
24	53.51	53.95	54.07	52.33	53.07	54.75	53.61	26.3	25	30	36.2	27.4	26.8	28.6	38.5	24.6	87	92	67	41	85	80	75.3	1
25	53.64	53.11	53.24	51.60	52.02	53.72	52.89	25.4	24.2	30.8	37	27.8	26.5	28.6	37.8	24	88	96	64	42	88	86	77.3	14.5
26	52.31	52.45	53.57	54.48	54.91	55.36	53.85	25.8	25.3	27.5	25.9	24.5	23.5	25.4	30.3	22.7	87	86	82	93	96	90	89	11.2
27	54.57	55	55.65	55.38	55.69	56.80	55.52	23.7	24.1	27.5	28.1	27	25.6	26	30.3	22.8	89	87	74	77	78	83	81.3	------
28	56.10	56.94	57.86	56.92	56.68	58.31	57.14	24.4	23	30	35	32.6	27.8	28.8	37.2	22.6	87	94	70	52	62	80	74.2	------
29	57.92	58.72	59.07	58.15	59.63	60.96	59.08	26.4	25.2	30.4	31	24.6	24.2	27	36.5	23.4	85	90	72	63	93	97	83.3	11.7
30	59.20	59.14	59.69	58.22	57.42	59.17	58.81	23.4	23.3	26.4	29.5	29.5	27	26.5	32.5	22.9	97	96	82	77	65	90	84.5	------
31	58.09	58.74	59.22	57.14	58.04	59.39	58.44	24.8	23.5	29.5	34.6	27	25.4	27.5	36.5	23.1	90	94	72	51	86	88	80.2	------
Mean	55.34	55.57	55.92	54.40	54.70	56.40	55.39	25.5	24.6	30	34.1	29.3	26.7	28.4	35.9	24	89.6	92.8	70.5	53.8	73.7	84.8	77.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	98.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	WSW	1	NW	1	N	1	N	1	8	Ci.	----	8	Ci.	Cu. E
2	Calm	----	Calm	----	S	1	NE	3	Calm	----	Calm	----	9	Ci.-S.	S.	10	----	Cu.-N. NW
3	Calm	----	Calm	----	SE	1	Calm	----	NW	2	E	1	7	Ci.-Cu.	S.	5	----	Cu. S
4	Calm	----	Calm	----	Calm	----	NE	2	N	2	NW	2	9	Ci.	S.-Cu.	6	----	Cu. NW
5	Calm	----	Calm	----	E	1	N	2	N	3	Calm	----	7	Ci.	S.-Cu. N	6	----	Cu. E
6	SE	1	SE	1	SE	1	S	1	Calm	----	Calm	----	5	----	S.-Cu. W	8	Ci.	Cu.-N. W
7	SE	1	SSE	1	S	4	S	3	Calm	----	SE	4	7	Ci.-S.	S.-Cu. W	9	----	Cu.-N. W
8	Calm	----	Calm	----	S	4	S	2	Calm	----	Calm	----	10	----	Cu.-N.	10	----	N.
9	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	N	1	10	----	Cu.-N. SE	7	Ci.	Cu.
10	Calm	----	Calm	----	SE	1	Calm	----	NW	1	Calm	----	5	Ci.	S.-Cu. W	7	Ci.-S.	----
11	Calm	----	Calm	----	Calm	----	W	1	NE	2	Calm	----	7	----	S.-Cu. W	10	----	Fr.-N.
12	Calm	----	Calm	----	Calm	----	SE	1	NW	1	Calm	----	10	----	Fr.-N. W	10	----	Cu.-N. SW
13	SE	1	S	1	S	1	SSE	1	S	1	Calm	----	7	Ci.-S.	S.	10	----	Cu.-N.
14	W	1	NW	1	SE	1	S	1	WSW	2	Calm	----	7	----	N.-cf. W	10	----	Cu.-N.
15	Calm	----	Calm	----	Calm	----	Calm	----	N	3	Calm	----	7	Ci.	----	10	Ci.	----
16	Calm	----	Calm	----	SSE	1	SE	1	N	2	NW	3	10	----	N.	5	----	Cu. E
17	SE	1	Calm	----	SSE	1	Calm	----	N	2	NE	1	6	----	Cu.-N. NE	3	----	Fr.-Cu.
18	Calm	----	Calm	----	SE	1	Calm	----	NW	1	Calm	----	0	----	----	7	----	Cu. E
19	Calm	----	Calm	----	Calm	----	SE	1	SE	1	Calm	----	0	----	----	8	----	Cu.-N.
20	Calm	----	Calm	----	W	1	WNW	1	S	2	Calm	----	3	----	S.-Cu.	7	----	Cu. E
21	Calm	----	Calm	----	S	1	SE	1	N	2	NW	1	5	Ci.	----	7	----	Cu. S
22	Calm	----	Calm	----	SW	1	NNE	1	N	1	NW	2	0	----	----	7	----	Cu.-N. N
23	Calm	----	Calm	----	NW	1	NE	1	N	4	Calm	----	2	----	S.	8	----	Cu.-N. NW
24	SW	1	SSE	1	NE	1	SE	1	Calm	----	SW	2	8	----	N. S	7	Ci.-S.	Cu. NW
25	SW	1	Calm	----	SE	2	SE	2	Calm	----	SE	3	5	Ci.	Cu.-N. S	8	----	Cu.-N. W
26	SW	5	SE	2	Calm	----	NW	1	Calm	----	SE	3	10	----	Cu.-N. S	10	----	Cu.-N. W
27	S	4	SE	4	S	2	SE	4	SE	1	S	1	10	----	N. S	10	----	N. S
28	Calm	----	Calm	----	Calm	----	NE	1	NE	1	Calm	----	6	Ci.	S.	8	Ci.	Cu. SW
29	Calm	----	Calm	----	Calm	----	S	3	Calm	----	Calm	----	10	----	Cu.-N.	8	----	Cu.-N. S
30	SW	1	S	2	SE	1	Calm	----	Calm	----	Calm	----	8	----	Cu.-N. SE	10	----	Fr.-N. S
31	Calm	----	SSE	1	SW	2	SE	2	N	3	NW	3	10	----	S.-Cu. SE	4	Ci.-S.	Fr.-Cu.
Mean	-------	0.5	-------	0.5	-------	1	-------	1.2	-------	1.3	-------	0.9	6.7	----	----	7.8	----	----

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.04	59.24	59.98	57.28	58.16	60.37	59.01	24.7	24.4	29	34.7	29.4	26.5	28.1	37	24.3	92	96	78	54	78	88	81	----
2	59.44	59.56	59.75	57.33	57.58	59.62	58.88	25.4	24.2	29.2	35.1	30.1	26.4	28.4	36.2	23.7	92	93	75	49	68	79	76	----
3	58.51	58.92	58.81	56.92	56.43	58.39	58	23.2	23	28.7	35.5	31.4	26.2	28	36.2	22.4	94	93	75	42	60	81	74.2	----
4	57.52	57.79	58.14	56.58	56.68	58.77	57.58	25	24.1	30.7	35.2	30.1	25.7	28.5	36.3	22.6	85	92	63	44	57	86	71.2	----
5	57.96	57.86	58.25	56.68	56.95	58.99	57.78	24.9	24	29.7	35.8	30.5	26.5	28.6	37.4	22.9	82	83	67	40	60	82	69	----
6	58.24	58.34	58.92	57.15	56.78	58.78	58.04	24.6	23.5	30	35.4	29.6	26.4	28.2	36.9	23.2	87	89	68	48	69	88	74.8	----
7	58.23	58.74	59.02	56.91	55.98	58.57	57.91	24.6	23.5	30.4	36.8	32.4	27.6	29.2	38.7	23.3	92	96	63	43	62	79	72.5	----
8	57.60	57.95	58.30	56.23	57.39	58.74	57.70	25	23.6	30.2	36	25.8	25.7	27.7	37.6	23.4	93	96	69	41	88	92	79.8	17
9	57.80	57.91	58.05	55.98	55.57	58.04	57.22	25.2	24.4	28.3	34.4	29	26.2	27.9	37	23.3	93	97	83	52	81	92	83	4.6
10	56.99	56.74	56.70	54.11	54.21	56.20	55.82	25.6	25	29.4	34.5	30.2	27.4	28.7	35.6	24.9	93	95	72	53	66	83	77	----
11	54.35	54.49	54.37	52.27	52.52	53.69	53.62	26	25.2	29.1	32.1	26.7	24.9	27.3	32.8	24.5	89	91	70	62	87	94	82.2	19.6
12	52.29	52.21	52.29	51.29	50.70	51.25	51.67	24.8	24.9	26.8	27.5	26.8	26.2	26.2	28.5	24.4	96	97	87	85	92	91	91.3	8.2
13	49.75	48.82	50.83	49.82	50.76	52.40	50.40	25.7	25	25.6	28.4	27.5	26.3	26.4	28.5	24.5	92	92	94	81	86	91	89.3	2.5
14	52.28	52.84	54.25	53.50	54.08	56.33	53.88	26	25.3	30.2	33.5	26.8	26	28	35.4	24.3	88	84	68	56	87	89	78.7	----
15	55.46	55.61	56.10	54.73	56.85	58.07	56.14	24.7	24.1	31	35.8	27.1	24.7	27.9	38.4	23.9	93	94	63	48	85	96	79.8	----
16	57.65	57.79	58.32	56.25	56.16	58.33	57.42	24.2	24.2	27.5	33.5	29.6	27	27.7	35.4	23	95	88	75	56	72	86	78.7	----
17	57.88	58.52	58.65	57.37	57.32	58.89	58.10	25.4	25.1	29.5	29.1	26.6	25.5	26.9	35	24.1	93	95	76	71	87	89	85.2	1
18	58.20	57.96	58.32	55.72	56.59	58.20	57.50	24.4	24.2	28.5	34.6	28.4	26.3	27.7	36.1	23.6	95	98	76	50	75	83	79.5	----
19	57.05	56.91	57.27	55.10	56.05	58.08	56.74	25.3	23.9	29.1	34.9	25.5	24.7	27.2	36	23.6	88	92	73	48	92	95	81.3	13.2
20	56.26	55.23	55.41	53.10	52.95	54.58	54.59	23.9	23.7	25.1	31.1	28.8	25.7	26.4	32.3	23.5	96	96	94	66	80	94	87.7	15.2
21	52.76	52.38	51.95	50.57	50.88	52.38	51.82	24.7	24	28	29.8	27.2	25.7	26.6	31.8	23.6	94	95	78	76	91	95	88.2	5.3
22	52.56	53.39	54.33	53.49	53.93	55.29	53.83	25	24.9	28.5	30.5	27.2	26.7	27.1	32.4	24.4	99	96	78	72	89	91	87.5	3.8
23	54.88	55.61	55.99	54.62	54.87	56.25	55.37	25.5	24.5	27.1	30.1	29.7	27.4	27.4	31.4	24.4	93	96	78	72	71	89	83.2	----
24	56.04	56.29	55.98	54.87	55.27	56.12	55.76	25.5	25.2	29	30.4	29.7	27.3	27.8	31.5	25	97	95	75	65	76	87	82.5	----
25	54.96	55.01	54.78	53.32	53.15	54.64	54.31	25.5	24.7	30	33.5	28	26.5	28	35.6	24.6	94	96	64	51	80	83	78	1.3
26	53.28	52.82	53.18	51.46	51.52	52.57	52.47	25.4	24.8	27.8	29.8	28	26	27	31	24.3	92	95	82	71	82	92	85.7	1.5
27	51.21	50.68	50.95	50.02	50.32	51.91	50.85	24.8	24.4	27.2	29.5	27.6	26.7	26.7	30.6	24.1	96	96	85	79	76	79	85.2	----
28	51.51	51.80	52.60	51.54	52.62	54.77	52.47	25.6	24	30.5	32.4	29	26.5	28	34	23.5	85	86	65	57	68	86	74.5	----
29	54.31	54.71	55.38	54.13	54.40	56.46	54.90	24.7	24.3	31.5	35.1	30.4	27.7	29	36.4	24.1	94	89	56	50	66	79	72.3	----
30	55.43	55.39	56.27	54.61	54.77	55.96	55.40	25.8	24.7	30.8	27.3	27.7	26.2	27.1	35	24.4	91	96	65	90	85	92	86.5	4.3
31	54.76	54.04	54.87	53.21	53.72	54.59	54.20	25.2	24.2	28.5	31	28.1	26	27.2	32	24	95	97	78	70	81	92	85.5	----
Mean	55.62	55.66	56.06	54.39	54.68	56.36	55.46	25	24.4	28.9	32.7	28.5	26.3	27.6	34.5	23.9	92.2	93.4	74	59.4	77.3	87.8	80.7	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	97.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	1	Calm	----	SE	1	SE	1	Calm	----	Calm	----	8	----	Cu.-N. SW	4	Ci.	Cu. SE
2	Calm	----	Calm	----	SE	1	NW	2	NW	2	Calm	----	6	----	Cu.-N. N	4	----	Fr.-Cu. N
3	Calm	----	Calm	----	S	1	SW	1	NE	2	N	2	6	----	Cu. NW	1	----	Cu.
4	SE	1	SE	1	SE	1	NW	1	NW	1	Calm	----	7	----	Cu.-N. S	1	----	Cu.
5	Calm	----	SE	1	SE	1	NW	1	NW	2	Calm	----	0	----	----	4	----	Cu.
6	Calm	----	Calm	----	S	1	NW	2	NW	1	NW	1	6	----	Cu. E	8	----	Cu.-N. E
7	Calm	----	Calm	----	S	1	Calm	----	N	1	SE	1	0	----	----	7	----	Cu. E
8	SW	1	Calm	----	NE	1	NE	2	S	1	Calm	----	3	----	S.	6	Ci.	Cu. NE
9	Calm	----	S	1	SE	1	SW	1	NW	1	Calm	----	10	----	S.-Cu. S	4	Ci.	Cu. S
10	Calm	----	Calm	----	W	1	NW	1	NW	2	Calm	----	10	----	Cu.-N.	5	----	Cu. N
11	SE	1	SE	1	NW	1	NE	3	NE	1	Calm	----	10	----	N.	10	----	Cu.-N. N
12	Calm	----	Calm	----	SE	1	NE	2	Calm	----	Calm	----	10	----	Cu.-N.	10	----	Cu.-N. N
13	Calm	----	SE	1	Calm	----	SW	1	Calm	----	SW	1	10	----	N.	10	----	Cu.-N.
14	SW	1	S	2	S	3	SE	3	SE	1	Calm	----	10	----	S.-Cu.	10	Ci.-S.	Fr.-N. SE
15	Calm	----	Calm	----	SSE	2	Calm	----	NW	3	Calm	----	3	Ci.	Fr.-S.	8	Ci.-S.	Cu. S
16	SE	1	Calm	----	Calm	----	NW	1	NW	1	NW	3	10	Ci.	Cu.-N. S	7	Ci.-S.	Fr.-Cu.
17	Calm	----	Calm	----	SW	1	N	4	N	3	Calm	----	9	----	Cu.-N. N	10	----	Cu.-N.NE
18	SW	2	S	1	S	1	SW	1	N	1	Calm	----	10	----	Cu.-N. SW	4	----	Cu.
19	SW	1	SE	2	SE	1	NW	2	Calm	----	NW	1	7	----	S.-Cu.	7	A.-Cu.	Cu.-N. S
20	SE	1	SE	1	SSE	1	SE	1	Calm	----	S	1	10	A.-S.	----	9	Ci.	Cu.-N. S
21	SE	1	Calm	----	S	2	SE	1	Calm	----	Calm	----	10	----	N.	10	----	Cu.-N. E
22	Calm	----	Calm	----	SE	3	SSE	2	SW	1	Calm	----	10	----	S.-Cu.	10	----	Cu.-N. S
23	SW	1	SW	1	SE	3	S	3	Calm	----	Calm	----	10	----	N.	8	----	Cu.-N.SW
24	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	Calm	----	8	----	Fr.-N.	10	----	Cu.-N.SE
25	Calm	----	Calm	----	SE	1	SE	2	Calm	----	N	1	10	----	S.-Cu. SW	8	----	Cu.-N.SW
26	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	----	Cu.-N. NW	8	----	Cu.-N.NW
27	Calm	----	Calm	----	Calm	----	NW	1	SE	1	SE	2	10	----	Cu.-N. WSW	10	----	Cu.-N.SW
28	SW	1	SSW	1	SE	2	NW	1	NW	1	Calm	----	6	----	N.-cf. S	10	Ci.-S.	Cu.-N. S
29	Calm	----	Calm	----	SW	3	Calm	----	Calm	----	Calm	----	8	A.-Cu. N	S.-Cu. S	10	----	Cu.-N.
30	Calm	----	Calm	----	SE	1	NW	2	Calm	----	Calm	----	7	Ci.	S. NE	10	----	Cu.-N. S
31	Calm	----	Calm	----	SW	1	SW	1	SW	1	Calm	----	8	----	S.-Cu.	10	Ci.-S.	Cu.-N. W
Mean	----	0.4	----	0.4	----	1.2	----	1.4	----	0.9	----	0.4	7.7	----	----	7.5	----	----

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.75	53.71	54.05	51.82	52.17	54.61	53.35	25	24.5	30.7	34	29.7	25.6	28.2	37	24.3	96	96	67	56	79	95	81.5	3.8
2	54	53.71	54.01	52.35	52.91	54.40	53.56	25	24.4	29.5	32.4	25.4	25.8	27.1	34	24.1	97	97	74	63	92	93	86	15.7
3	53.71	53.39	53.65	51.16	52.48	54.82	53.20	25.1	24.7	29.4	34.6	27.8	25.7	27.9	35.6	24.5	94	96	79	54	80	91	82.3	------
4	53.76	53.73	53.88	51.90	52.50	54.64	53.40	24.9	23.8	29.5	32.7	29.2	26.7	27.8	33.1	23.7	92	95	78	59	72	88	80.7	------
5	53.96	53.22	53.82	51.35	51.58	52.16	52.68	25.2	24.1	28.5	31.7	26.8	26.2	27.1	34.5	23.6	92	95	74	63	86	92	83.7	2
6	50.67	50.81	51.05	49.58	50.33	52.37	50.80	24.9	24.5	30	33.6	31.2	28.5	28.8	35.4	24.2	93	97	75	61	69	78	78.8	------
7	52.02	52.61	53.65	52.03	52.18	54.23	52.79	26.5	24.8	30.1	35.8	30.4	26.4	29	37.2	24	86	93	71	48	68	90	76	------
8	53.99	53.87	53.70	51.79	52.05	54.09	53.25	25.2	23.4	29.8	34.9	31	26.6	28.5	37	23	91	92	69	48	58	86	74	------
9	53.16	53.55	53.85	52.01	52.30	54.20	53.18	25	24.3	31.6	34.4	28.4	25.7	28.2	36.1?	24	92	95	62	50	83	88	78.3	17.3
10	53.99	54.13	54.81	53.37	53.60	55.88	54.80	24.5	23.8	30	34.5	31	27.1	28.5	36.7	23	87	88	70	51	61	72	71.5	------
11	55.44	55.51	56.15	53.96	55.11	57.13	55.55	24.3	24	30.1	34.6	28.5	27.1	28.1	37.8	22.8	87	83	68	46	78	87	74.8	1.5
12	56.38	56.26	57.22	56.79	56.98	58.08	56.95	25.7	24.6	29.5	25	24.3	24	25.5	32.1	22.8	90	93	79	93	91	95	90.2	45.8
13	57.41	57.76?	57.97	55.40	55.65	57.63	56.97	23.6	23	27.1	32.5	28.5	25.7	26.7	34.5	22.4	96	98	76	56	70	84	80.2	------
14	57.04	57.36	57.95	56.10	57.84	59.18	57.58	24.3	24.1	28.5	33.2	25.8	24.8	26.8	35	23.8	97	94	80	57	88	92	84.5	------
15	58.25	58.44	59.64	57.16	58.03	59.27	58.46	24.3	24.4	28.2	33	25.7	25.4	26.8	34.6	24	93	95	76	56	86	92	83	------
16	58.44	57.86	59.06	56.40	57.32	58.85	57.99	24.8	24.1	29	32.5	25.4	24.4	26.7	33.5	23.2	93	96	76	60	88	92	84.2	27.4
17	58.28	57.40	58.47	55.91	56.62	58.83	57.58	24.8	23.6	27.5	31.8	27.1	24.6	26.6	33.2	23.4	96	98	84	60	78	92	84.7	1.8
18	57.99	58.05	58.95	56.84	58.02	60.87	58.45	23.9	23.4	28.8	32.7	28.5	26	27.2	34.6	23.2	92	95	75	60	77	89	81.3	------
19	59.49	59.52	60.17	57.95	59.61	61.47	59.70	23.9	23.3	28.3	33.4	23.7	23.8	26.1	34.2	23	94	94	76	59	95	90	84.7	4.1
20	60.27	60.28	61.52	58.92	59.28	61.50	60.30	23.3	22.2	27.3	32.7	28	26	26.6	35	22	94	98	79	64	82	90	84.5	------
21	60.41	60.41	61.28	59.10	59.20	60.43	60.14	24.8	24	28	33	27.1	25.2	27	33.7	23.4	92	95	79	59	72	95	82	------
22	60.03	59.58	60.41	58.40	58.61	59.89	59.49	24.3	23.8	28.8	28	26.6	24	25.9	32.3	23.1	98	98	72	77	86	94	87.5	------
23	59.30	59.02	59.04	56.90	56.95	57.86	58.18	23	22.2	28	29	25.2	25	25.4	31	22	95	96	74	71	93	92	86.8	8.1
24	57.14	56.36	57.99	56.36	56.09	57.99	56.99	23.9	24	26	29	27.8	25.4	26	29.4	23.2	96	97	89	75	82	96	89.2	------
25	57.10	57.44	58.74	56.42	56.85	58.61	57.53	24.8	24.6	28.5	31.4	28.5	26.2	27.3	34.6	24.6	96	96	81	67	85	85	85	------
26	58.04	58.28	58.96	56.29	56.43	58.44	57.74	24.6	23.7	29.2	30.3	27.4	24.6	26.6	32.5	23	92	97	72	66	76	88	81.8	------
27	57.13	57.49	58.01	55.66	56.56	58.14	57.16	22.9	23.6	29	33.1	28.4	25.3	27	34	22.3	96	95	68	58	68	84	78.2	------
28	57.19	57.50	57.92	55.26	55.47	57.49	56.80	23.5	23	29	33.8	28.8	25.4	27.2	35.4	22.5	93	92	70	51	71	88	77.5	------
29	56.38	56.40	56.69	54.28	55.35	58.32	56.24	23.5	22.6	30.6	35.8	29.8	25.6	28	36.8	22.3	96	93	70	48	70	88	77.5	11.2
30	57.17	57.70	58.74	56.35	58.25	60.33	58.09	24.5	24	27.8	33.2	24	24	26.2	35.7	23.2	92	94	84	58	96	96	86.7	42.9
Mean	56.40	56.38	57.04	54.93	55.54	57.39	56.28	24.5	23.8	28.9	32.6	27.7	25.6	27.2	34.6	23.3	93.3	94.7	74.9	59.8	79.3	89.4	81.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	181.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	SE	1	S	2	Calm	----	Calm	----	N	1	7	Ci.-Cu.	S.-Cu.	8	------------	Cu.-N. S
2	Calm	----	Calm	----	S	1	NW	1	NW	2	Calm	----	10	------------	Fr.-N.	10	Ci.	Cu.-N. N
3	Calm	----	Calm	----	SE	1	SE	1	SW	1	SE	2	8	Ci.,A.-Cu.	Fr.-S.	8	------------	Cu.-N. N
4	SE	1	Calm	----	NE	1	NE	3	NE	1	SE	1	7	Ci.	N.-cf. N	10	Ci.-S.	Cu.-N. W
5	SSE	1	SE	1	SE	2	S	1	S	1	SE	1	8	Ci.-Cu.	N.	8	------------	Cu.-N. NW
6	Calm	----	Calm	----	SE	2	S	1	Calm	----	Calm	----	8	------------	Cu.-N. SW	4	------------	Cu.-N. SW
7	Calm	----	Calm	----	Calm	----	NE	1	N	2	N	1	10	------------	Cu.-N. SW	10	Ci.-S.	Cu.-N. SE
8	Calm	----	Calm	----	S	2	NE	1	NE	2	NW	3	7	Ci.,Ci.-S.	------------	8	Ci.-S.	Fr.-Cu. N
9	Calm	----	Calm	----	S	1	Calm	----	ENE	2	NW	1	0	------------	------------	8	------------	Cu. W
10	S	1	S	1	SE	1	NE	1	NE	1	NW	1	6	Ci.	------------	4	------------	Cu.-N. WSW
11	Calm	----	Calm	----	S	1	Calm	----	N	2	Calm	----	6	Ci.	S.-Cu.	8	Ci.-S.	Cu. W
12	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	SE	1	8	------------	S.-Cu.	10	------------	N.
13	SE	1	Calm	----	SW	1	NW	1	SW	1	Calm	----	10	------------	N.	4	Ci.-Cu.	Fr.-Cu. N
14	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	NW	3	6	Ci.	S.	7	Ci.	Cu.-N. E
15	Calm	----	Calm	----	SE	1	WSW	1	NW	1	Calm	----	8	Ci.-Cu. N	S.-Cu. SE	7	------------	Cu. N
16	Calm	----	Calm	----	Calm	----	NE	2	NW	1	Calm	----	6	Ci.	N.-cf. N	7	Ci.	Cu.-N. N
17	SE	1	S	1	Calm	----	NW	1	NE	3	Calm	----	8	Ci.	Cu.-N. SE	7	Ci.-S.	Cu. N
18	Calm	----	Calm	----	SSW	1	Calm	----	NW	1	NW	1	4	Ci.	------------	6	Ci.-S.	Cu. NW
19	Calm	----	SE	1	S	1	SSE	1	Calm	----	Calm	----	6	Ci.,Ci.-S.	------------	6	Ci.-S.	------------
20	Calm	----	Calm	----	SE	1	ESE	1	NW	2	Calm	----	5	Ci.-Cu.	Fr.-S. S	6	Ci.	Cu.
21	Calm	----	Calm	----	Calm	----	NE	1	NW	1	NW	2	8	------------	Fr.-N. N	8	------------	Cu.-N. N
22	Calm	----	Calm	----	NE	2	NW	3	NW	2	NE	2	10	------------	Cu.-N. NE	8	Ci.-S.	Cu.-N. NW
23	Calm	----	Calm	----	NNW	3	NW	3	Calm	----	Calm	----	6	Ci.	S. N	7	------------	Cu.-N. N
24	Calm	----	Calm	----	Calm	----	NE	2	Calm	----	Calm	----	10	------------	Cu.-N.	10	------------	Cu.-N. N
25	Calm	----	Calm	----	SE	1	SE	1	NW	1	Calm	----	8	Ci.-Cu.	Cu.-N.	8	------------	Cu. SE
26	Calm	----	Calm	----	SSW	1	NE	3	NE	1	N	3	10	A.-S.	------------	6	------------	Cu. N
27	NW	2	Calm	----	NE	1	NE	1	NW	1	Calm	----	6	------------	S.-Cu.	7	Ci.	Cu. N
28	Calm	----	Calm	----	N	1	N	1	SE	1	Calm	----	8	Ci.-S.	------------	9	Ci.-S.	Cu. N
29	Calm	----	Calm	----	S	3	NE	1	NE	2	SE	1	4	Ci.	------------	7	Ci.-S.	Fr.-Cu.
30	Calm	----	Calm	----	SE	1	Calm	----	NW	3	Calm	----	5	Ci.	S.-Cu.	8	------------	Cu. S
Mean	-------	0.2	-------	0.2	-------	1.1	-------	1.1	-------	1.2	-------	0.8	7.1	------------	------------	7.5	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.94	59.66	60.48	58.23	59.41	61.43	59.69	23.4	24	27.2	29.8	23.5	23	25.2	32	22.5	90	90	83	69	94	97	87.2	43.9
2	60.15	59.87	61.03	59.70	59.89	61.32	60.33	23.2	23.2	24.5	23.5	24.5	24.1	23.8	25.2	22.7	97	97	96	97	90	96	95.5	34.7
3	60.50	60.66	61.60	59.45	60.55	62.17	60.82	23.8	23.5	27.6	29.6	25.8	24.4	25.8	30.4	23.2	96	96	80	75	87	91	87.5	------
4	61.21	60.94	61.42	59.07	59.47	61.33	60.57	23.2	22.5	27	31.3	25.9	25.3	25.9	33.1	22.4	95	98	84	68	92	93	88.3	3.3
5	60.93	61.39	61.56	59.44	59.69	61.45	60.74	23.4	23.3	27.9	33.1	29.2	25.7	27.1	35.1	22.7	97	96	80	57	81	89	83.3	------
6	61.21	61.59	62.21	59.98	60.07	61.49	61.09	23.9	22.7	28.2	33	28.2	24.2	26.7	34.6	22.4	92	93	80	50	72	88	79.2	------
7	60.60	61.19	61.92	59.77	59.40	61.58	60.74	22.9	21.5	28.1	32.5	29.2	25	26.5	35	21.4	90	94	73	60	75	89	80.2	------
8	61.47	61.89	62.54	60.14	60.22	62.32	61.43	23.4	22.5	28.5	33	28.6	24.8	26.8	34.5	22.4	97	97	71	52	72	89	79.7	------
9	61.99	62.18	62.71	60.17	60.67	62.23	61.66	24	22	28.5	33.4	27.6	25.5	26.8	33.5	21.9	91	96	78	51	70	84	78.3	------
10	61.14	62.07	62.87	60.17	60.84	62.02	61.52	23.4	21.5	28	32.7	26.5	24.6	26.1	33.1	21.3	93	95	74	60	85	92	83.2	------
11	60.88	60.86	61.51	59.10	59.88	61.28	60.58	24	22.4	28	30.8	26.7	23.5	25.9	32.3	21.9	95	95	74	60	83	87	82.3	------
12	60.51	61.05	61.57	59.49	60.20	61.33	60.69	21.8	20.6	28.1	30	26.1	23.7	25	31	20.5	94	95	74	57	71	83	79	------
13	61.39	61.90	62.57	60.20	60.75	62.67	61.58	21.5	20.9	26.7	31	26	24	25	31.6	20.7	96	95	74	57	66	80	78	------
14	62.40	62.93	63.76	61.12	61.10	62.58	62.32	21.8	20.1	26.6	32	26.6	24	25.2	32.5	19.8	88	95	76	54	70	83	77.7	------
15	62.07	62.34	63.36	60.92	60.89	62.57	62.02	23.5	22.5	27.7	28.5	25.9	23.7	25.3	30.5	21.8	89	96	71	68	85	89	83	------
16	61.93	62.02	63	60.61	60.89	63.06	61.92	22.6?	21	28	30.5	26.7	23.9	25.4	31.2	20	94	96	76	66	80	84	82.7	------
17	62.47	63.07	64.45	61.46	61.62	63.29	62.73	21	20	27.8	32.4	27	22.2	25.1	34.2	19.6	96	100	76	54	72	89	81.2	------
18	62.94	63.07	63.87	61.40	61.67	63.38	62.72	21.4	22	28.4	32	27.7	23.7	25.9	33.5	21	92	91	72	61	68	85	78.2	------
19	62.42	62.25	62.90	60.38	60.67	62.71	61.89	22.3	20.7	28	33.8	29.4	25.7	26.6	34.5	20.5	92	95	70	45	68	89	76.5	------
20	61.67	62.02	62.89	60.38	60.76	63.42	61.86	25.1	24.2	29.2	33.2	28.6	25.6	27.6	35.1	23.5	91	91	72	55	78	90	79.5	------
21	62.54	62.77	64.27	61.31	61.35	63.28	62.59	24.4	23.8	29.2	35	29.5	25.4	27.9	36.6	23.2	96	95	75	44	70	84	77.3	------
22	62.82	63.47	64.42	62.08	62.11	63.73	63.10	23.4	22.6	28.1	32	27.4	23.2	26.1	34.4	21.5	90	90	77	57	67	83	77.3	------
23	63.33	63.24	64.33	61.53	62.54	64.42	63.23	21	20.6	29	34.6	28.3	24.8	26.4	36	20.2	95	95	69	52	66	79	76	------
24	63.79	63.98	65.57	62.55	62.90	64.62	63.90	22.6	22.5	26.8	33.8	28	24.1	26.3	35.5	21.4	93	92	74	49	65	82	75.8	------
25	63.44	64.20	65.10	63	63.27	64.49	63.92	22.4	21.5	28.5	29	24.8	23.6	25	30.6	21.3	93	96	72	69	94	95	86.5	7.1
26	63.37	63.48	64.08	61.32	61.62	63.02	62.82	23.4	23.3	26	28.8	26.8	25.3	25.6	29.5	22.5	97	97	87	80	87	89	89.5	5.4
27	62.37	62.61	63.74	61.03	61.71	63.16	62.44	24.2	23.6	24	28.2	26.3	23.3	24.9	29	21.7	97	97	96	85	83	96	92.3	4.8
28	62.83	63.22	64.52	61.64	61.86	63.49	62.93	21.5	20.6	26.6	30.5	26.5	23.5	24.9	32.4	20	97	96	80	68	86	90	86.2	------
29	62.73	63.24	64.13	61.03	60.94	63.07	62.52	21	19.1	27.2	32.8	27.3	22.6	25	34	19	95	99	75	51	76	87	80.5	------
30	62.89	62.87	63.82	61.62	61.90	63.78	62.81	20.5	20.4	27	29	26	22.7	24.3	32	18.9	98	96	73	65	73	89	82.3	------
31	63.29	63.48	64.91	62.37	63.42	65.17	63.77	20.9	22	26.5	31	26.1	24.5	25.2	33.5	20.4	94	93	85	64	90	92	86.3	2.3
Mean	61.94	62.24	63.13	60.67	61.04	62.77	61.97	22.7	22	27.5	31.3	27	24.2	25.8	32.8	21.4	93.9	95.1	77.3	61.3	77.9	88.2	82.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	101.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	Calm	----	Calm	----	S	1	Calm	----	NW	2	NE	2	7	A.-Cu.	Cu.-N. N	10	------	Cu.-N. S
2	N	1	Calm	----	Calm	----	Calm	----	N	1	Calm	----	10	------	N. N	10	------	N.
3	Calm	----	Calm	----	Calm	----	NW	3	NW	1	Calm	----	10	Ci.	Cu.-N. N	7	Ci.	Cu. N
4	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	Ci.	S.-Cu. N	8	------	Cu.-N. SW
5	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	3	A.-Cu.	S.	3	------	Fr.-Cu.
6	Calm	----	Calm	----	SSW	1	SE	1	Calm	----	Calm	----	0	------	------	3	------	Fr.-Cu. S
7	Calm	----	Calm	----	SE	1	E	1	Calm	----	Calm	----	1	------	Fr.-S.	5	------	Cu. SE
8	Calm	----	Calm	----	NE	1	Calm	----	N	1	N	1	0	------	------	2	------	Fr.-Cu.
9	NW	1	Calm	----	Calm	----	NW	1	N	2	NE	1	0	------	------	4	------	Fr.-Cu. NE
10	Calm	----	Calm	----	Calm	----	WNW	1	NE	2	WNW	3	1	------	S.	7	------	Cu. E
11	Calm	----	Calm	----	NW	2	NW	3	NE	2	N	3	7	------	S.-Cu. E	6	------	Cu. N
12	Calm	----	Calm	----	Calm	----	NE	3	NW	2	NW	3	4	------	S.-Cu.	6	------	Cu. N
13	Calm	----	Calm	----	N	1	NE	1	NW	1	NW	1	0	------	------	6	------	Cu. N
14	N	1	Calm	----	NE	1	NW	1	N	3	Calm	----	0	------	------	7	------	Cu. NE
15	Calm	----	Calm	----	NW	1	NE	1	Calm	----	Calm	----	10	------	Cu.-S.-Cu.	10	------	S.-Cu. NE
16	Calm	----	Calm	----	SE	1	NE	2	Calm	----	N	1	0	------	------	8	------	Cu., Cu.-N.
17	Calm	----	Calm	----	S	1	Calm	----	NW	2	NW	1	8	------	S.-Cu.	6	------	Cu. E
18	Calm	----	Calm	----	S	1	NE	1	Calm	----	Calm	----	8	------	S.-Cu. E	7	------	Cu. E
19	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	1	------	S.	8	A.-Cu. E	Cu. N
20	Calm	----	Calm	----	Calm	----	NW	2	Calm	----	Calm	----	9	------	S.-Cu. S	6	------	Cu. E
21	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	6	------	S.-Cu. E	4	------	Cu. E
22	Calm	----	Calm	----	Calm	----	NW	1	Calm	----	NE	1	8	------	N. E	7	------	Cu.-N. E
23	Calm	----	Calm	----	S	1	NW	1	Calm	----	Calm	----	0	------	------	6	------	Cu. E
24	Calm	----	Calm	----	SSW	1	S	1	Calm	----	N	1	10	------	N. SE	6	------	Cu. SE
25	Calm	----	Calm	----	SE	1	SSE	1	Calm	----	Calm	----	1	------	Fr.-S.	10	------	Cu.-N. S
26	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	Calm	----	10	------	N.	10	------	Cu.-N. E
27	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	10	------	Cu.-N. S	8	------	Cu.-N. E
28	Calm	----	Calm	----	SE	1	NE	1	Calm	----	Calm	----	0	------	------	7	------	Cu.-N. S
29	Calm	----	Calm	----	S	1	SSW	2	Calm	----	SW	1	0	------	------	0	------	------
30	Calm	----	SE	1	SE	1	SE	1	Calm	----	SE	1	8	------	Cu.-N. E	6	------	Cu. E
31	S	1	SE	1	S	1	Calm	----	Calm	----	Calm	----	8	------	S.-Cu. SE	8	------	Cu. E
Mean	-------	0.1	-------	0.1	-------	0.7	-------	1.1	-------	0.6	-------	0.6	4.7	------	------	6.5	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	64.08	64.21	65.31	62.32	62.46	64.17	63.76	23.3	22.7	26.7	32.2	27	24.4	26	33.8	22.6	94	98	84	60	72	84	82	-----
2	63.48	63.15	63.72	60.81	61.65	63.43	62.71	22.6	21.3	28.5	33.5	27.7	24	26.3	35	21	89	94	74	53	76	87	78.8	-----
3	62.44	62.15	62.27	59.44	59.40	61.42	61.19	22.1	20.5	28	33.8	27.5	23	25.8	35.5	20.3	93	97	74	51	69	88	78.7	-----
4	61.35	61.78	61.90	59.14	59.59	61.67	60.90	21.2	19.4	28.2	34.2	28.6	24.4	26	35.6	19.2	91	94	70	45	66	88	75.7	-----
5	60.90	61.44	61.92	59.74	60.05	61.54	60.93	22	22	28.4	34	28.6	24.5	26.6	35.6	21	96	95	72	51	66	91	78.5	-----
6	60.77	60.91	61.45	59.15	59.84	61.41	60.59	21.8	21	27.5	34	29.4	25.5	26.5	35.5	20.8	94	96	79	52	70	83	79	-----
7	60.94	61.52	61.90	60.20	61.23	62.29	61.35	22.6	22.2	27.9	27.5	24.5	23.7	24.7	34.7	21.5	92	89	76	71	90	91	84.8	8.4
8	61.40	61.34	62.12	59.07	59.61	60.70	60.71	22.3	21.8	26.2	32	28	24.5	25.8	33.1	21.5	95	97	84	54	77	91	83	-----
9	60.28	60.62	60.92	58.55	60.30	62.12	60.46	22.8	21.4	29	33.5	27.1	21.8	25.9	35	21	94	95	74	57	85	93	83	24.6
10	61.11	61.53	62.28	59.81	60.60	62.17	61.25	21	20.5	25.6	31	25.8	23.6	24.6	31.2	20	98	100	82	67	84	91	87	-----
11	61.63	61.68	62	59.19	59.62	61.22	60.89	23.3	22.6	28	32.5	26.5	23.1	26	33.1	22	93	92	79	54	75	90	80.5	-----
12	60.96	61.14	61.70	59.04	59.67	61.55	60.68	22.3	22.6	28.5	31.7	27.2	25.1	26.2	34	21.9	92	93	67	68	70	85	79.2	-----
13	60.98	61.22	61.60	59.08	59.75	61.42	60.68	22.4	21.6	28.3	33.6	28.7	24.6	26.5	34.3	21.2	96	98	77	45	74	80	78.3	-----
14	60.89	60.93	61.81	58.83	59.36	61.09	60.48	22.1	20.9	28	34.2	28.9	24.5	26.4	35	20.6	89	96	76	48	70	89	78	-----
15	60.16	60.51	61.47	58.67	59.17	61.55	60.26	23.3	22.5	29.3	34	29.7	24.6	27.2	35.1	22	93	93	66	51	64	82	74.8	-----
16	60.81	61.27	62	58.45	58.66	60.24	60.24	21.2	19.1	27.1	34?	28.5	25.3	25.9	34.6?	19	89	93	75	50	75	84	77.7	-----
17	59.91	59.80	60.72	58.13	58.32	60.13	59.50	23.4	21.9	29	34	29.5	25	27.1	35.5	21.6	95	95	71	50	66	88	77.5	-----
18	58.84	59.60	60.82	58.18	58.66	60.65	59.46	23.3	22.4	29	33.2	28.4	24.6	26.8	35	22	96	96	76	50	70	86	79	-----
19	60.24	61.13	62.01	59.15	59.67	61.36	60.59	22.7	21	28	33.6	28.4	24	26.3	34.6	20.6	89	94	68	44	64	83	73.7	-----
20	60.79	61.20	61.77	58.95	59.51	61.27	60.58	22.7	21.4	29	34	28.6	26.6	27	36.1	20.8	88	93	73	47	71	75	74.5	-----
21	61.42	61.76	62.58	60.36	60.82	62.15	61.52	23.8	23	29	32	26.6	23.3	26.3	32.4	22.5	91	93	71	49	71	90	77.5	-----
22	61.89	62.25	63.87	60.77	61.47	62.66	62.15	23.5	22.5	25	26.1	25.1	23.4	24.3	28.5	22.2	93	96	90	81	98	95	92.2	13.7
23	61.74	61.79	62.57	59.49	59.46	61.35	61.07	23.2	23	26.6	31.3	27.7	24.7	26.1	32.6	22.4	97	97	84	65	79	91	85.5	-----
24	60.94	61.31	62.15	58.97	59.82	61.44	60.77	22.7	22	27.6	32.4	27.1	24.4	26	35.5	21.8	97	98	81	57	76	91	83.3	-----
25	60.90	61.02	61.68	59.95	60.84	62.93	61.22	23	22.2	27	31.5	27	25.2	26	32.5	21.8	91	96	78	59	80	87	81.8	-----
26	62.39	62.16	64.06	60.67	61.92	63.32	62.42	24	22.6	27.2	31.5	26.8	24	26	32	22.1	94	98	75	57	74	90	81.3	-----
27	62.76	62.94	64.49	62.36	63.37	64.32	63.37	23.4	23.1	24.8	24.7	23.6	23	23.8	26	22.6	93	94	89	92	97	93	93	27.2
28	63.39	63.63	64.29	61.56	61.83	62.94	62.94	23	22.4	25.2	26.3	23.5	22.8	23.8	27.4	21.7	95	97	90	90	92	97	93.5	8.2
29	61.93	61.82	63.69	60.87	61.40	62.76	62.08	22.7	22.4	26.1	29.5	26.6	24	25.2	30.6	21.5	99	97	88	64	87	89	87.3	-----
30	62.22	62.14	63.27	60.87	61.32	63.09	62.15	22.3	20.7	26.1	29.2	26.7	24.3	24.9	29.8	20.5	97	99	80	71	85	89	86.8	-----
Mean	61.38	61.60	62.41	59.73	60.31	61.95	61.23	22.7	21.8	27.5	31.8	27.3	24.2	25.9	33.3	21.3	93.4	95.4	77.4	58.4	76.4	88	81.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	82.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	Calm	----	8	----	S.-Cu. E	6	----	Cu. E
2	SE	1	SE	1	S	1	S	1	Calm	----	Calm	----	0	----	----	4	----	Cu. S
3	Calm	----	Calm	----	SW	1	SE	1	Calm	----	Calm	----	0	----	----	5	----	Cu. E
4	SSW	1	SE	1	SE	1	S	2	Calm	----	NW	2	0	----	----	0	----	----
5	S	1	SE	1	SE	1	Calm	----	N	3	N	1	6	----	Fr.-S.	5	----	Cu. S
6	Calm	----	Calm	----	SE	1	S	1	Calm	----	Calm	----	3	----	S.	6	----	Cu. SW
7	SSW	2	SE	1	WNW	1	NW	4	SE	1	Calm	----	5	----	N.-cf. S	10	----	Cu.-N. N
8	Calm	----	SE	1	SE	2	SE	2	Calm	----	Calm	----	10	----	N. S	7	----	Cu.-N. S
9	Calm	----	Calm	----	SE	1	Calm	----	NW	2	Calm	----	2	Ci.	----	7	----	Cu. S
10	SE	1	Calm	----	Calm	----	NW	1	NW	2	NE	1	10	----	N.	6	Ci.-Cu. W	Cu.-N. E
11	Calm	----	Calm	----	Calm	----	S	1	NE	1	NE	1	8	----	S.-Cu. NE	4	----	Cu.
12	Calm	----	S	1	SSE	1	E	1	SE	1	Calm	----	8	----	Cu.-N. S	6	----	Cu. S
13	SE	1	SE	1	SE	1	SSE	2	SE	1	Calm	----	2	----	S.	7	Ci.-Cu.	Cu. S
14	SE	1	SE	1	SE	1	SE	1	NW	1	NW	1	0	----	----	6	Ci.-S.	----
15	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	6	----	S.-Cu. E	4	----	Cu. S
16	Calm	----	Calm	----	SSW	1	S	1	Calm	----	Calm	----	0	----	----	5	----	Cu. E
17	Calm	----	Calm	----	SE	2	SE	1	NW	1	NW	1	2	----	S.	4	----	Cu.
18	Calm	----	Calm	----	SE	1	SW	1	NE	1	Calm	----	5	----	Fr.-Cu. S	6	----	Cu. S
19	Calm	----	Calm	----	S	1	SSE	1	Calm	----	Calm	----	0	----	----	2	----	Cu.
20	Calm	----	Calm	----	SE	2	NE	1	N	3	NE	1	0	----	----	0	----	----
21	Calm	----	Calm	----	NW	2	N	3	NW	3	NW	2	2	----	Cu.	4	Ci.-S.	Fr.-Cu. N
22	Calm	----	Calm	----	S	1	N	1	Calm	----	Calm	----	10	----	N.	10	----	Cu.-N. E
23	Calm	----	Calm	----	Calm	----	SE	2	Calm	----	Calm	----	10	----	N. SE	4	Ci.	Cu. S
24	Calm	----	Calm	----	Calm	----	E	1	NW	2	NW	2	4	Ci.	S.	2	----	Fr.-Cu.
25	Calm	----	Calm	----	NW	2	N	1	NW	2	N	2	3	Ci.	----	5	----	Cu. N
26	Calm	----	Calm	----	SW	1	N	1	NW	1	NW	2	7	Ci.	S.	9	Ci.-S.	Cu. NE
27	Calm	----	Calm	----	Calm	----	NW	1	NW	1	NW	3	8	Ci.	S.-Cu. E	10	----	N. N
28	NW	3	NW	1	N	1	NW	1	NW	3	NNW	3	10	----	Cu.-N. E	10	----	Cu.-N. N
29	NE	2	Calm	----	Calm	----	NW	1	Calm	----	Calm	----	10	----	Cu.-N. NW	6	A.-Cu. W	Cu. NW
30	Calm	----	Calm	----	SW	1	N	1	Calm	----	Calm	----	4	----	S.-Cu.	8	----	Cu.-N. N
Mean	-------	0.4	-------	0.3	-------	1	-------	1.2	-------	1	-------	0.7	4.8	----	----	5.6	----	----

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.29	62.40	62.92	60.34	60.67	62.77	61.90	23.1	22.5	27.5	32.1	28	24.6	26.3	33.4	21.8	95	99	82	63	77	89	84.2	----
2	62.43	62.92	63.95	61.07	61.62	62.82	62.47	22.5	21.8	27.1	31.6	26.4	24.4	25.6	32.6	21	98	96	79	66	79	88	84.3	10.9
3	61.92	62.23	63.33	60.27	61.07	62.03	61.81	23.6	23.4	26.6	30.5	27.1	24.4	25.9	32.1	22.8	93	93	86	72	85	91	86.7	----
4	61.49	61.19	62.22	59.35	59.50	61.09	60.81	23.7	24	26.3	32.1	29.6	24.5	26.7	33	22.7	97	92	86	60	74	90	83.2	----
5	60.59	60.40	61.12	58.44	59.32	61.23	60.18	23.7	22.8	27.8	33.3	28.8	25	26.9	34	22.2	94	97	82	56	76	87	82	----
6	60.89	61.24	61.85	59.61	60.45	61.57	60.94	23	22.1	27.7	30.5	27.1	24.2	25.8	33	21.9	97	99	79	66	81	86	84.7	----
7	61.57	61.65	62.98	59.86	60.36	62.02	61.41	22.9	21.8	27.4	31.3	26.7	24.6	25.8	32.2	21.5	93	96	82	55	80	87	82.2	----
8	61.67	61.88	62.62	59.91	60.31	61.87	61.38	22.4	22	26.6	30	26.2	24.5	25.3	31.2	21.6	94	96	78	62	74	90	82.3	2.5
9	61.58	62.33	63.58	60.82	61.22	62.32	61.98	23.4	22.7	26	29.6	26.3	23.5	25.2	31.2	22.3	95	98	89	62	73	89	84.3	----
10	61.89	62.14	63.07	60.62	61.63	62.67	62	22.8	22.6	25.4	29	24.8	23.8	24.7	30.3	21.2	97	94	84	75	93	95	89.7	20.6
11	61.62	62	63	60.11	60.16	61.86	61.46	23.2	22.5	26.5	31.4	26.8	23	25.6	32.5	21.8	96	96	90	60	77	91	85	----
12	61.36	61.55	62.67	60.06	61.18	63.09	61.65	21.3	20.5	26.1	30.5	24.9	23	24.4	31	20.2	95	97	82	57	90	98	86.5	21.9
13	61.90	62.34	64.14	62.08	62.77	64.13	62.89	22.9	23	25	26.2	22.3	21.5	23.5	26.6	21.1	94	90	88	81	92	95	90	1
14	63.27	63.29	64.48	61.46	62.14	63.52	63.03	21.3	21.3	23.6	26.4	23	21.8	22.9	26.8	20.8	97	96	97	81	93	97	93.5	2.6
15	62.22	62.35	63.45	60.85	61.86	63.37	62.35	21.8	21.7	24.2	28	25.8	24.6	24.4	28.8	21.5	98	97	88	76	85	92	89.3	----
16	62.77	62.97	63.92	61.34	61.75	63.22	62.66	23.6	23	26.4	29.5	27.5	25.2	25.9	31.5	22.4	94	95	81	73	81	85	84.8	----
17	62.27	62.66	63.60	61.05	61.37	62.52	62.24	23.5	23	27.6	32	27.8	24.8	26.4	33.4	22.3	99	93	78	60	79	93	83.7	----
18	62.08	62.19	63.88	61.25	62.07	63.22	62.45	24.4	24.4	27.2	28.8	25.1	23	25.5	31.4	22.5	93	91	84	75	83	90	86	----
19	61.70	62.02	63.93	62.37	62.47	63.54	62.67	22.7	22.5	25.8	25	24.5	23	23.9	28.1	22.1	97	97	79	81	73	84	85.2	----
20	62.45	62.89	63.86	61.40	61.92	62.71	62.54	22.2	21.6	25.6	29	26	22.4	24.5	30.5	21	89	91	76	64	83	88	81.8	----
21	61.92	62.07	62.77	59.80	60	61.19	61.29	21.6	20.8	25.5	29.6	27.5	23.5	24.8	31.6	19.9	92	96	79	68	79	90	84	----
22	60.69	60.55	61.54	58.13	58.87	60.71	60.08	21.3	20.8	26.4	33	27.3	23.5	25.4	33.6	20.3	95	96	81	61	73	92	83	----
23	60.55	61.12	63.11	60.90	61.32	62.97	61.66	23.2	22.6	26.5	29.7	25.6	23.2	25.1	30.2	22	93	93	74	71	77	90	83	----
24	62.90	63.27	64.07	61.95	62.27	63.49	62.99	22.2	22	24.5	27	26.6	23.7	24.3	28.2	21.6	96	96	89	80	82	91	89	----
25	62.56	62.99	64.06	61.35	61.60	63.80	62.73	23.6	23.2	25.4	30.4	27.1	25.3	25.8	31.5	22.5	93	95	82	65	75	87	82.8	----
26	63.07	63.62	64.72	61.66	62.47	64.09	63.27	23.5	23.6?	27	31.7	26.8	23.7	26	32.4	21.9	96	96	83	50	79	91	82.5	----
27	63.40	63.92	64.97	61.80	61.94	63.61	63.27	21.9	22?	26.5	31.8	27.6	24.5	25.7	32.8	21.6	95	91	79	56	70	85	79.3	----
28	62.98	63.80	64.79	62.25	62.63	63.82	63.38	22.7	19.4	26.5	30.5	25.1	22.5	24.4	32	19	92	96	79	55	77	82	80.2	----
29	63.34	63.45	64.36	60.92	61.14	61.94	62.52	21.3	21.4	25	27	23.5	22	23.4	29.5	20.8	89	95	80	70	87	89	85	----
30	61.57	62.02	63.73	60.43	60.42	62.04	61.70	21.8	21.7	26.4	29.4	27.1	22.7	24.8	32.5	20.9	93	96	77	62	70	85	80.5	----
31	61.64	62.48	64.04	60.67	61.40	62.49	62.12	20.1	18.4	25.5	31.6	26.7	22.4	24.1	32.8	17.5	88	93	78	58	61	89	77.8	----
Mean	62.02	62.32	63.44	60.71	61.22	62.64	62.06	22.6	22.1	26.2	30	26.3	23.6	25.1	31.3	21.4	94.4	95	82.3	65.8	79.3	89.5	84.4	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	59.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	1	S	1	NE	1	Calm	----	10	----	Cu.-N. SE	6	----	Cu. SE
2	Calm	----	Calm	----	ESE	1	NE	1	NW	1	NW	2	4	----	S.	4	----	Fr.-Cu. NE
3	SE	1	Calm	----	Calm	----	SE	1	SE	1	Calm	----	10	----	Cu.-N. SE	7	----	Cu.-N. S
4	Calm	----	S	1	SSE	1	S	2	Calm	----	Calm	----	10	----	Cu.-N.	2	----	Fr.-Cu.
5	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	0	----	----	0	----	----
6	Calm	----	Calm	----	NW	1	N	3	NW	1	Calm	----	0	----	----	10	----	Cu.-N. NE
7	S	1	Calm	----	SE	1	NNE	1	NW	2	NW	1	10	A.-S.	----	6	----	Cu. E
8	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	7	----	S.-Cu. E	8	----	Cu.-N. E
9	Calm	----	SW	1	Calm	----	NE	1	N	1	NE	1	7	----	S.-Cu.	8	Ci.-Cu.	Cu. E
10	S	1	SW	1	SW	1	SW	1	NW	1	Calm	----	8	----	S.-Cu. SE	8	Ci.-S.	Cu. E
11	SE	1	SE	1	S	1	S	1	Calm	----	Calm	----	6	Ci.-Cu.	N.-cf. SE	1	----	Fr.-Cu.
12	Calm	----	Calm	----	NW	1	ENE	1	NW	2	NW	3	1	Ci.	----	8	Ci.-S.	Fr.-Cu.
13	NW	3	WNW	3	NW	4	NW	5	N	5	NW	4	10	----	Cu.-N.	10	----	Cu.-N. N
14	NW	4	NW	2	NW	1	N	3	NW	3	NW	2	10	----	Cu.-N. N	10	----	Cu.-N. N
15	Calm	----	SW	1	Calm	----	NW	1	Calm	----	Calm	----	10	----	N.	8	----	Cu.-N. N
16	SE	1	SE	1	S	3	SE	1	Calm	----	S	1	7	----	S.-Cu. E	6	----	Cu. S
17	S	1	Calm	----	SE	2	SSE	1	E	1	NE	2	8	A.-Cu. SW	Cu. SW	1	----	Fr.-Cu.
18	Calm	----	Calm	----	NW	5	N	3	NW	3	NW	3	10	A.-S.	----	6	----	Cu.-N. N
19	NW	4	NW	3	NW	3	NW	4	NW	3	NW	2	7	----	S.-Cu. N	10	----	Cu.-N. N
20	N	2	Calm	----	ESE	1	Calm	----	NW	1	Calm	----	7	----	S.-Cu. NE	8	----	Cu. W
21	Calm	----	SE	1	S	1	SE	1	Calm	----	Calm	----	0	----	----	7	----	Cu. S
22	S	1	Calm	----	SE	1	SW	1	NW	2	NW	3	2	----	S.-Cu.	5	Ci.-S.	----
23	NE	1	N	1	NNE	3	NW	3	NW	4	NE	1	10	----	S.-Cu.	5	----	Cu. N
24	NE	1	Calm	----	SW	1	SE	1	Calm	----	Calm	----	10	----	N. NW	10	----	Cu.-N. W
25	SE	1	S	1	S	1	SE	3	Calm	----	Calm	----	10	----	N.	5	Ci.	Cu. S
26	Calm	----	SE	1	SE	1	Calm	----	NW	2	NW	1	1	----	S.	6	----	Cu. E
27	N	1	SE	1	SW	1	S	2	Calm	----	Calm	----	8	----	S.-Cu. S	4	----	Cu. W
28	Calm	----	SE	1	SE	1	NNE	1	NE	3	NE	3	0	----	----	2	----	Fr.-Cu.
29	NNW	2	NW	1	N	3	N	3	NW	4	NW	2	8	----	S.-Cu. NE	6	A.-Cu.	Cu.-N. N
30	Calm	----	SW	1	SW	1	Calm	----	Calm	----	Calm	----	9	----	S.-Cu.	5	----	Cu. E
31	Calm	----	Calm	----	Calm	----	SSW	1	Calm	----	Calm	----	0	----	----	2	----	Fr.-Cu.
Mean	----	0.8	----	0.7	----	1.4	----	1.6	----	1.3	----	1	6.5	----	----	5.9	----	----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JANUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	68.13	68.10	68.75	66.56	66.97	68.04	67.76	19.4	19.5	21	22	21.5	21.1	20.8	23.2	18.5	91	91	86	82	79	83	85.3	4.9
2	66.97	67.48	68.71	66.70	67.50	68.06	67.57	20.9	20.9	23.1	23.5	22.6	21.4	22.1	24.5	17.8	88	86	77	72	68	75	77.7	------
3	68.08	68.26	69.45	67.20	68.09	68.76	68.31	19.2	21	23.2	23.8	22	21.5	21.8	24.4	17.5	88	77	69	64	69	71	73	------
4	67.71	67.17	67.84	65.39	65.80	66.79	66.78	20.1	19.5	22.7	22	21.5	20.8	21.1	24.1	18.4	86	89	75	82	85	91	84.7	------
5	65.62	65.48	65.91	62.89	63.47	64.61	64.66	20.2	19.7	24.5	26.6	24.4	22.6	23	28.4	19.1	92	93	75	74	87	93	85.7	------
6	64.16	64.36	65.84	63.14	64.54	65.88	64.65	21.7	20.2	25.2	27.9	25	23.8	24	28.8	19.6	94	96	83	71	80	88	85.3	3
7	65.19	65.44	66.60	64.46	65.76	67.45	65.82	22.7	20.5	23.9	25.5	22.5	21.5	22.8	26.2	19.6	90	90	68	65	80	81	79	.6
8	67.53	68.71	70.44	69.31	70.58	71.61	69.70	20.5	19.5	19.9	19.5	20	20.4	20	21	17.9	77	82	73	77	61	64	72.3	5.2
9	70.60	70.79	71.78	69.16	69.12	69.51	70.16	19.9	18.8	21	21.1	19.8	17.7	19.7	23	17.1	65	71	64	64	65	79	68.	------
10	68.47	68.52	69.58	66.96	66.72	67.30	67.92	17.5	16.7	22	24	21.8	18.7	20.1	25	16.1	83	91	66	55	67	89	75.2	------
11	65.88	66.01	67.16	64.66	65.06	65.85	65.77	17	16.2	21.9	24.7	22.5	21.8	20.7	26.6	15.6	90	92	70	66	78	79	79.2	------
12	64.73	64.94	65.75	63.91	63.99	64.91	64.70	21.1	20	22.5	22.9	21.5	20.2	21.4	24.9	19	84	92	82	84	90	96	88	------
13	63.97	64.13	64.37	62.29	62.42	63.16	63.39	19	18.6	24.4	26	24	22.1	22.4	27.5	17.8	98	96	78	72	85	94	87.2	------
14	63.22	63.39	64.54	62.76	63.69	64.28	63.65	21.7	20	24.5	27.6	24.6	23.4	23.6	28.7	19.5	92	92	79	66	77	85	81.8	------
15	64.36	64.68	65.60	63.87	64.61	65.25	64.73	21.8	19.7	24.5	25.4	23.5	23	23	26.5	19.2	86	93	79	69	79	83	81.5	8.1
16	65.19	65.35	66.02	64.69	65.74	66.15	65.52	21.9	22	22.9	24	22.1	22.6	22.6	25	20.6	90	89	80	75	80	81	82.5	------
17	65.15	65.49	66.11	63.76	64.53	64.75	64.96	22.7	21.5	23.6	24	23.5	21.9	22.9	25.5	20.6	80	87	82	87	85	92	85.5	1.5
18	64.09	64.38	65.02	62.41	63.03	63.51	63.74	20.7	19.7	24	26.5	25.2	23.8	23.3	27	18.6	91	93	78	73	77	83	82.5	------
19	62.46	62.86	63.28	60.65	61.86	63.21	62.39	21.8	20.6	24.8	26.5	24.5	23.9	23.7	28	20	86	92	79	74	78	82	81.8	------
20	62.16	62.52	63.88	61.92	63.04	63.86	62.90	23.3	23.2	24.5	23.5	22	21.4	23	24.9	20.2	82	80	76	83	89	89	83.2	47.3
21	63.71	64.15	64.78	63.21	63.84	65.06	64.12	20.9	20.5	21.5	21.5	21.5	21.4	21.2	23	19.6	90	90	83	85	85	85	86.3	5.9
22	64.06	64.25	65.49	63.53	64.19	65.34	64.48	21.3	19.8	23.8	24.1	22.6	22.5	22.4	25.2	19.1	86	94	76	69	74	75	79	------
23	64.51	64.68	65.67	64.02	64.11	65.07	64.68	22.1	22	23.2	24	22.7	22	22.7	24.5	20.4	75	74	68	67	75	81	73.3	------
24	63.98	64.23	64.90	62.37	62.43	63.08	63.50	20.3	20	24	25.5	24	21.8	22.6	27	19.4	91	92	75	72	78	91	83.2	------
25	62.42	62.63	64.12	62.58	62.84	64.03	63.10	21.2	20.3	22.8	22.7	22.7	22	22	24	19.6	93	95	84	77	74	77	83.3	9.5
26	62.97	63.19	64.41	62.05	62.66	64.43	63.28	21.2	20.6	22.5	24.6	23.8	22	22.4	25.5	20	84	89	82	77	81	89	83.7	.5
27	63.39	63.55	64.76	62.89	63.56	64.69	63.81	20.1	19.3	25.5	26	23.5	21.6	22.7	27	18.6	90	91	71	69	76	86	80.5	2.8
28	63.68	63.92	64.56	62.29	62.08	62.74	63.21	21.8	21	22.6	24	22.1	22	22.2	25.8	20.3	88	91	86	78	87	86	86	2.3
29	62.63	62.92	63.71	61.72	62.02	62.72	62.62	21.8	20.8	21.5	22.3	21.5	22	21.6	23	20.2	87	94	95	89	94	91	91.7	6.1
30	62.03	62.48	63.49	61.61	62.21	63.66	62.58	21.4	21.5	22.4	23.1	22	21.8	22	24.1	20.6	95	94	92	90	95	93	93.2	3.5
31	63.01	63.21	64.08	61.60	61.90	62.94	62.79	21.2	21.7	23.5	23.5	23.2	22	22.5	25.6	20.4	89	85	76	79	88	93	85	------
Mean	64.84	65.07	66.02	63.89	64.46	65.38	64.94	20.8	20.2	23.1	24.1	22.7	21.8	22.1	25.4	19.1	87.1	89.1	77.6	74.4	79.5	84.7	82.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	101.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	ENE	ENE	ENE	ENE	105.2	108.3	118.3	101.1	432.9	10	------------	N. ENE	10	A.-Cu. W	S.-Cu.
2	SE	Calm	ENE	ENE	ENE	E	38	81.5	157.9	99.3	376.7	10	------------	S.-Cu. SE	10	------------	S.-Cu. E
3	Calm	ENE	E	E	ENE	E	39.9	133.6	129.5	91.5	394.5	10	------------	Cu.-N. E	10	A.-Cu. S	S.-Cu.
4	SE	SW	SE	E	ENE	ENE	39.2	30.6	37.6	42.5	149.9	10	------------	S.-Cu. E	10	------------	S.-Cu. E
5	Calm	SSE	SSE	ENE	NE	NW	35.1	90.1	75.3	28.4	228.9	7	A.-Cu. W	S.-Cu.	0	------------	------------
6	Calm	Calm	S	NE	NNE	N	22.2	31.2	42.5	52.8	148.7	7	A.-Cu. W	S.-Cu.	1	------------	Cu.-N.
7	W	WSW	NNW	NE	NE	NE	77.2	53.4	73.7	210.8	415.1	1	------------	S.-Cu.	0	------------	------------
8	NE	NE	NE	NE	NE	NE	215.3	203	183.1	178.6	780	10	------------	Cu.-N.	10	------------	Cu.-N. NE
9	ENE	E	ESE	E	E	SSE	126.1	116.9	123.9	54.2	421.1	10	------------	Cu.-N. ENE	10	------------	Cu.-N. ENE
10	SE	S	S	E	SE	SE	35.7	46.9	79.2	42.5	204.3	10	------------	S.-Cu. SSE	6	------------	Cu.-N.
11	SSE	S	S	ENE	E	E	41.6	77.9	87.1	99.5	306.1	0	------------	------------	1	------------	Cu.-N.
12	SSE	Calm	SSE	Calm	Calm	W	37	48.6	39.6	28.7	153.9	10	------------	S.-Cu. ENE	10	------------	S.-Cu. ENE
13	S	Calm	SSE	NE	E	W	34.4	58.2	73.5	39.2	205.3	0	------------	------------	0	------------	------------
14	WSW	SW	SW	N	NNE	Calm	35.6	38.4	48	42	164	1	------------	S.-Cu.	0	------------	------------
15	E	SSW	Calm	ENE	E	E	27.9	37	52.6	91.4	208.9	2	A.-Cu.	S.-Cu.	10	A.-Cu. SE	Cu.-N.
16	NE	ENE	E	ENE	ENE	ENE	104.6	170.9	172.2	159	606.7	10	------------	N. ENE	10	------------	Cu.-N. ENE
17	E	E	E	Calm	E	SW	133.6	75	45.1	40.8	294.5	10	------------	S.-Cu. ENE	10	------------	Cu.-N. NE
18	Calm	S	S	NE	NE	E	32.5	72.1	67.3	62.2	234.1	0	------------	------------	0	------------	------------
19	Calm	Calm	S	NE	NE	N	17.2	41.2	73.8	68.6	200.8	5	Ci.	S.-Cu.	4	------------	Cu. S
20	N	NNE	NE	E	E	E	88.7	76.1	89.8	139.7	394.3	10	------------	S.-Cu. NE	10	------------	N. NE
21	ENE	ENE	ENE	E	E	E	157.7	152.3	115.9	68.2	494.1	10	------------	N. NE	10	------------	N. NE
22	E	SW	E	ENE	E	E	38	46.4	118.8	105.6	308.8	2	------------	S.-Cu.	10	A.-Cu. S	S.-Cu.
23	NE	E	E	ENE	E	E	100.8	113.8	119.9	78.6	413.1	10	------------	S.-Cu. ENE	10	A.-Cu. S	S.-Cu.
24	Calm	S	S	NE	NE	Calm	33.2	75.9	94.6	54.5	258.2	10	A.-Cu. W	S.-Cu.	7	Ci. W	Cu.
25	SW	Calm	W	ENE	E	E	23.3	43.5	72.1	60.4	199.3	10	------------	S.-Cu. E	10	------------	S.-Cu. E
26	SW	Calm	S	ENE	NE	SW	25.9	32.2	88.5	32.2	178.8	10	------------	S.-Cu. SE	7	Ci. SW	Cu.-N.
27	SW	S	SE	NE	NE	ENE	42.5	46.5	96.4	133.8	319 2	0	------------	------------	0	------------	------------
28	E	Calm	SSE	ENE	E	E	63.6	50.2	107.5	106.8	328.1	10	------------	S.-Cu. NE	9	------------	S.-Cu. NE
29	E	ESE	E	ENE	E	E	39.6	77	135	126.8	378.4	10	------------	N. E	10	------------	S.-Cu. E
30	E	E	NE	ENE	NE	ENE	122	126.3	137.6	181.5	567.4	10	------------	Cu.-N. ENE	10	------------	S.-Cu. ENE
31	NE	E	E	ENE	SW	SW	157.1	65.4	70.5	50.2	343.2	10	------------	S.-Cu.	10	------------	S.-Cu. SE
Mean	------	------	------	------	------	------	67.4	78.1	94.4	86.2	326.1	7.3	------------	------------	6.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,109,3	----	------------	------------	----	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.78	61.71	62.26	59.94	61.21	62.46	61.56	21.5	20.5	25.4	28	24.2	23.1	23.8	29.4	19.6	92	93	77	71	80	87	83.3	1.5
2	61.81	62.47	63.36	61.97	62.62	64.17	62.73	22.9	21.5	22.9	23	22.4	21.8	22.4	24.4	20.9	89	90	80	83	79	91	85.3	1.1
3	63.93	64.08	65.42	63.21	63.63	64.54	64.14	22.3	22.4	23.2	24.6	23	22.5	23	25.4	21.4	80	79	74	71	76	78	76.3	2
4	63.39	63.66	64.56	62.21	62.07	63.29	63.20	21.9	21.5	22.2	23	22.5	22.8	22.3	24.4	20.6	83	87	89	83	85	86	85.5	.3
5	62.09	62.12	63.37	60.75	60.75	62.18	61.88	21.2	19.5	25.6	27.4	25.7	23.5	23.8	29.5	18.8	89	93	79	71	78	90	83.3	-----
6	61.43	61.92	63.73	61.66	62.29	63.43	62.41	22.1	21.1	26.5	26.5	24.5	23.2	24	27.9	20.6	90	94	73	76	79	78	81.7	2.8
7	62.46	62.68	63.37	60.97	60.26	61.56	61.88	22.8	22.1	25	25.4	23.2	21.5	23.3	26.1	20.1	76	76	71	69	80	92	77.3	-----
8	61.09	61.33	62.63	60.79	61.91	63.22	61.83	20.6	20.5	25.7	28.8	25.5	24.1	24.2	29.5	18.7	92	90	69	60	71	78	76.7	-----
9	63.01	63.76	65.87	64.63	64.99	66.48	64.79	22.9	22.3	20.6	21.3	21.6	19.8	21.4	23.9	19	82	81	89	81	72	85	81.7	7.6
10	65.62	65.86	66.58	63.63	63.16	64.52	64.90	19.7	19.2	21.2	23.5	22	21.5	21.2	24.3	18.2	86	88	80	68	74	79	79.2	.8
11	64.23	64.35	65.65	63.83	64.15	65.46	64.61	20	18.9	23.5	26.3	23.1	22	22.3	26.4	18.1	89	95	75	67	69	74	78.2	1.6
12	65.01	65.31	66.20	64.87	65.42	66.71	65.59	21.1	20.1	21	22	21.2	21	21.1	22.6	18.6	79	84	77	71	73	72	76	18
13	65.93	66.10	67.25	65.64	65.69	66.23	66.14	20.8	19.4	20.6	22	20.6	20.4	20.6	22.6	18.5	73	83	80	71	71	73	75.2	3.3
14	65.56	65.76	66.62	64.23	64.05	65.36	65.26	19.4	19	22.3	24.3	22.5	21.2	21.4	25.2	18.1	83	88	76	74	78	85	80.7	-----
15	64.39	64.64	65.24	62.69	62.71	63.93	63.93	19.9	19.3	24.6	26.5	23.5	22.2	22.7	27	18.6	88	91	69	66	77	76	77.8	-----
16	63.42	63.78	65.17	63.44	63.10	64.31	63.87	20.2	19.2	24.6	25.3	23.8	21.2	22.4	28.5	18.2	89	92	72	62	75	84	79	-----
17	63.43	63.68	64.96	62.35	62.17	62.61	63.20	19.8	19.4	24.9	26.4	24.3	22.4	22.9	27.6	18.4	89	85	70	70	78	86	79.7	-----
18	62.49	63.01	64.02	61.89	62.10	63.53	62.84	20.9	19.7	25.9	27.6	25.2	24.6	24	80.2	19	90	93	69	68	77	80	79.5	-----
19	62.43	62.69	64.07	61.96	62.04	62.87	62.68	21.8	20.2	25.6	28	25	22	23.8	28.9	19.4	87	96	71	68	74	91	81.2	-----
20	62.18	62.54	63.48	61.13	61.09	62.18	62.10	19.3	20	25.5	29	25.4	22.5	23.6	29.8	17.6	91	91	68	57	68	87	77	-----
21	61.07	61.92	62.82	60.94	61.16	62.56	61.74	20.9	20	25.5	28.2	25.5	23.2	23.9	29.8	19.5	92	94	72	62	75	84	79.8	-----
22	60.93	61.27	62.21	59.64	59.90	61.84	60.96	21.8	20.6	25	29.5	25.5	23.8	24.4	30	19.7	84	85	65	61	80	91	77.7	-----
23	61.07	61.28	62.10	59.70	62.31	63.51	61.66	22.5	21.5	26.2	29.6	22.4	22.6	24.1	30.4	20.6	90	90	71	55	84	73	77.2	5.6
24	62.88	62.33	64.17	62.01	62.05	62.76	62.70	22.3	22.4	20.8	24	23	22.1	22.4	26.1	20.2	75	76	93	77	78	83	80.3	23.9
25	62.01	62.21	63.52	61.39	61.40	63.03	62.26	21.7	21.6	24.6	25.5	23.4	23.4	23.4	26.1	20.5	87	87	75	72	75	75	78.5	-----
26	62.31	62.66	65.11	63.47	63.61	64.59	63.62	23	23.1	22.9	23.3	22.3	22.5	22.8	24.8	21.7	78	75	75	72	80	78	76.3	3.6
27	64.33	64.48	65.50	63.06	62.71	64.12	64.03	22.1	20.5	22	25.2	23.5	22.6	22.6	26.8	20	81	93	91	71	74	78	81.3	-----
28	63.28	63.57	65.31	62.89	62.24	64.04	63.56	21.8	21	25.4	27.5	26.7	23.5	24.3	29.6	20.1	82	89	71	67	63	82	75.7	-----
Mean	62.98	63.26	64.45	62.82	62.53	63.77	63.22	21.3	20.6	23.9	25.8	23.6	22.4	22.9	27	19.5	85.2	87.8	75.8	69.4	75.8	82	79.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	72.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SE	NE	N	N	43.5	95.2	100.6	84.3	323.6	0	-----	-----	2	-----	Cu.-N.
2	N	NE	NE	ENE	NE	E	114.9	123.9	91.4	98	428.2	10	-----	S.-Cu. NE	10	-----	N. ENE
3	NE	NE	E	E	NE	E	103.8	110.7	136.2	130.9	481.6	10	-----	Cu.-N. NE	4	-----	Cu. E
4	E	Calm	E	E	NE	E	63.8	52.9	138.7	100.9	356.3	10	-----	Cu.-N. NE	10	-----	Cu.-N. ENE
5	S	SE	S	NE	E	SW	28.2	68.9	76.6	43.5	217.2	0	-----	-----	6	-----	Cu.-N.
6	S	SW	S	N	NE	NE	43.5	50.9	74.6	101.1	270.1	0	-----	-----	7	A.-Cu. NW	Cu.-N.
7	NE	NE	E	ENE	NE	SW	104.9	122.9	127	52.1	406.9	10	-----	Cu.-N. NE	7	Ci.-S. W	Cu.-N.
8	SW	S	S	NE	NNW	NNE	42.8	96.6	71.4	111	321.8	8	Ci. S	S.-Cu.	9	Ci.	Cu.-N.
9	NE	NE	NE	NE	ENE	NE	166.7	217.2	186.6	179.9	750.4	10	-----	Cu.-N. NE	10	-----	Cu.-N. ENE
10	NE	NE	ENE	ENE	E	E	134.2	109.7	124.9	110	478.8	10	-----	Cu.-N. NE	3	A.-Cu. S	Cu.-N.
11	W	Calm	SE	NE	NE	N	45.7	41.2	78.3	73.4	238.6	0	-----	-----	0	-----	-----
12	NE	NE	NE	ENE	NE	ENE	93.6	136.8	166.7	171.2	568.3	10	-----	Cu.-N. NE	10	A.-Cu. S	Cu.-N.
13	NE	NE	E	E	ENE	E	136.8	107.5	127.1	89.8	461.2	10	-----	N. NE	10	-----	S.-Cu. ENE
14	SW	SW	W	NE	E	SW	52.8	49.9	108.1	38.6	249.4	10	-----	S.-Cu. SE	2	-----	S.-Cu.
15	S	S	S	NE	NE	S	42.5	78.6	87.1	46.5	254.7	8	A.-Cu. SW	S.-Cu.	0	-----	-----
16	SE	SE	S	E	SE	Calm	57.6	72.6	105.7	23.8	259.7	0	-----	-----	6	Ci. NW	Cu.-N.
17	S	S	S	E	SE	S	59.2	83.4	94.1	39.7	276.4	0	-----	-----	1	-----	Cu.-N.
18	SE	SW	S	NE	N	W	51.8	85.3	91.7	63.1	291.9	10	A.-Cu. W	S.-Cu.	0	-----	-----
19	SW	SW	S	NE	NE	SW	37.6	64.4	86.9	48.5	237.4	0	-----	-----	0	-----	-----
20	SE	SSW	S	SSE	NE	SW	43	92.7	93	61.8	290.5	0	-----	-----	0	-----	-----
21	Calm	SW	S	NE	E	Calm	32.8	66.6	94.8	42.3	236.5	0	-----	-----	1	-----	Cu.-N.
22	S	S	S	SSE	NE	SW	59.8	118.5	92.7	40.5	311.5	0	-----	-----	0	-----	-----
23	W	SW	S	S	NNW	NNE	44.8	77.5	168.3	127.7	418.3	0	-----	-----	7	-----	Cu.-N. W
24	NE	ENE	SE	N	NE	E	104.1	56.8	79.4	74.6	314.9	10	-----	S.-Cu. NE	10	A.-Cu. S	S.-Cu.
25	NE	NE	ENE	NE	ENE	ENE	55.5	64.7	139.7	132	391.9	8	-----	Cu.-N. NE	1	Ci.	Cu.-N.
26	NE	ENE	ESE	E	NE	E	106.2	119.1	125.5	138.1	488.9	10	-----	S.-Cu ENE	10	-----	S.-Cu. ENE
27	E	Calm	S	E	SE	SE	51.8	50.2	92.3	71.1	265.4	10	-----	N	10	A.-Cu. S	Cu.-N.
28	SE	SE	S	ENE	SE	SW	51.8	80.5	105.2	33.2	270.7	7	A.-Cu. S	S.-Cu.	1	-----	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	70.5	89.1	109.4	83.1	352.2	5.8	-----	-----	4.9	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,861.1	-----	-----	-----	-----	-----	-----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.93	64.17	65.41	63.35	63.55	65.26	64.28	22.4	20.8	25.8	27.9	25.1	24.5	24.4	28.4	19.1	84	91	69	66	73	75	76.3	------
2	63.96	64.32	65.65	63.67	63.64	64.79	64.34	23.8	20.8	26	28	24.8	23.2	24.4	28.4	20.1	78	93	72	65	72	76	76	------
3	63.93	64.03	64.93	62.56	61.61	62.60	63.28	19.9	19.6	24.5	26.9	25.6	23	23.2	29	18.6	91	94	74	65	70	81	79.2	------
4	61.23	61.53	62.28	59.61	59.94	60.91	60.92	21.5	21.4	26	29	26.2	23.2	24.6	31.2	20.2	81	80	65	64	75	93	76.3	------
5	59.65	60.02	60.86	57.99	58.20	59.62	59.39	22.6	21.1	26.5	28.5	26.8	25.4	25.2	30.6	19.6	93	94	68	71	78	85	81.5	2.3
6	58.05	58.75	59.44	56.80	57.54	59.17	58.29	23.2	23.1	28.2	29.6	27	24.6	26	33.5	22.1	86	87	70	70	83	92	81.3	------
7	58.30	59.60	60.87	58.69	59.06	60.39	59.48	23.3	22.8	27.6	29.8	28.5	24.5	26.1	30.5	22.1	92	93	81	70	73	92	83.5	------
8	58.97	59.54	60.26	57.74	57.88	59.95	59.06	24.1	23.5	28	30.2	27.5	25.5	26.5	32.2	22.5	92	90	73	68	79	91	82.2	.8
9	59.23	59.42	60.65	58.41	58.64	59.84	59.36	24.8	23.5	28.6	30	27.4	25.5	26.6	31.9	23.1	90	90	70	70	80	91	81.8	------
10	59.55	59.71	61.15	58.63	58.11	59.52	59.44	24.6	21.8	28.9	29.5	27	24.8	26.1	31.3	21.5	90	89	65	65	77	90	79.3	------
11	59.14	59.43	60.71	58.04	57.80	59.55	59.11	23.8	22.5	27.8	29.5	27.2	25.5	26	30.4	21.4	89	90	65	68	77	86	79.2	------
12	58.79	59.78	61.30	59.75	59.59	60.82	60	23.8	22.2	26.9	29.4	27	26	25.9	30	21.1	86	88	73	69	77	82	79.2	------
13	59.91	60.51	61.97	59.68	60.10	62.09	60.71	23.8	22.2	27.3	29.6	26.5	25.6	25.8	30.7	21.6	88	95	71	64	79	82	79.8	------
14	61.04	62.01	63.24	61.75	62.14	64.11	62.38	25.6	25	27.3	27.8	25	24.6	25.9	29.2	23.8	82	85	78	73	76	77	78.5	------
15	63.03	63.86	65.22	63.21	63.60	64.42	63.89	24.2	24	26.3	26.9	24.8	24	25	28.1	23.2	78	78	70	67	74	77	74	4.3
16	63.33	63.21	64.30	61.80	61.51	63.15	62.88	23.8	23.2	25.9	27	25.4	23	24.7	28.2	21.8	77	76	69	66	71	84	73.8	------
17	62.98	63.14	64.22	61.90	62.64	64.20	63.18	22.6	20.7	27.1	29.6	27.4	25	25.4	32.1	20.1	84	94	66	69	77	90	80	------
18	63.23	64.74	65.73	63.63	63.67	65.07	64.34	22.8?	22.5	27.5	28.9	26.5	25.4	25.6	29.7	21.7	93	94	67	65	79	84	80.3	------
19	64.29	64.51	65.23	62.91	62.41	63.12	63.74	25.1	24.6	25.2	26.9	25	24.6	25.2	28.1	23	84	85	86	77	82	83	82.8	2.5
20	60.88	61.53	62.69	59.84	60.05	60.90	60.98	24	22.9	26.4	28.5	25.3	24.6	25.3	29.1	22.2	87	94	73	73	80	82	81.5	------
21	59.95	60.18	61.69	59.05	58.89	60.46	60.04	24.4	23	26.5	27.6	27	24.8	25.6	29.9	22.5	83	93	80	74	77	92	83.2	------
22	59.86	60.13	61.71	59.01	59.12	60.57	60.07	23.8	22.9	28	30	26.8	24.6	26	31.4	21.6	93	94	71	68	77	90	82.2	------
23	59.91	60.40	61.50	59.10	59.29	60.49	60.12	23.8	23	28	29.6	26.6	24.6	25.9	32.2	21.9	90	88	66	67	83	92	81	------
24	59.83	60.34	62.06	59.53	59.69	61.47	60.49	22.8	22.5	27.6	29.5	26.5	25	25.6	33.5	21.6	89	85	66	67	83	92	80.3	------
25	60.73	61.29	62.61	60.16	59.56	61.37	60.95	22.8	20	28.4	29	27.8	25.2	25.5	30.6	19.3	93	94	69	69	82	90	82.8	------
26	60.86	61.64	63.37	61.51	61.80	63.38	62.09	23.2	21.8	27	29.3	26	24.2	25.2	29.8	21.5	90	91	73	63	72	82	78.5	3.8
27	62.12	62.31	63.78	61.50	61.24	62.80	62.29	23.8	23	22.9	26.6	24.8	24.8	24.3	27	21.4	83	88	93	80	82	83	84.8	10.9
28	62.43	62.83	63.60	61.11	60.26	62.12	62.06	23.6	21.6	27	28.6	27.9	24.2	25.5	29.6	20.7	86	93	68	69	61	83	76.7	------
29	62.23	62.40	62.75	59.88	59.84	61.46	61.43	23.2	22.8	28.1	30	27.5	25.7	26.2	32.9	22	86	88	64	65	76	84	77.2	------
30	60.35	60.78	61.77	59.02	59.23	60.62	60.30	23.7	22.6	28	29	26.3	25.5	25.8	29.7	21.8	89	93	68	71	80	83	80.7	------
31	59.47	59.53	60.29	57.87	57.90	58.89	58.99	25.5	23.1	26.8	29.5	27.1	24.6	26.1	30	22.1	81	95	78	68	75	90	81.2	------
Mean	61.01	61.47	62.62	60.25	60.27	61.71	61.22	23.6	22.4	27	28.8	26.5	24.7	25.5	30.3	21.5	86.7	89.7	71.6	68.6	76.8	85.6	79.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	24.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SE	NE	NE	NE	32.8	60.7	84.3	68.2	246	10	Ci.	S.-Cu.	2	Ci.	Cu.-N.
2	E	SW	ENE	NE	NE	E	51.3	36.4	101.1	85	273.8	0	------	------	0	------	------
3	SE	SW	S	ENE	NE	S	30.9	36.7	67.4	46.9	181.9	2	A.-Cu.	S.-Cu.	4	------	Cu. S
4	S	S	S	NE	N	SW	68.4	114.5	92.5	51.3	326.7	0	------	------	0	------	------
5	SW	SE	S	ENE	E	S	41.2	86.6	102.7	65.8	296.3	0	------	------	1	Ci. NW	Cu.
6	SE	S	S	ENE	NW	W	85.1	114.3	113	78.3	390.7	0	------	------	1	------	Cu.-N.
7	SW	Calm	NE	NE	N	W	39.7	33.6	59.5	55.3	188.1	10	------	Cu.-N. NE	4	Ci. W	Cu.-N.
8	S	S	SSE	NE	E	SW	43.8	81.9	93.1	61.5	280.3	9	Ci.-S. WSW	S.-Cu.	6	Ci. W	Cu.
9	S	SE	SSE	NE	NE	W	57.3	83.4	81.5	33.2	255.4	1	Ci.	S.-Cu.	0	------	------
10	SW	SE	SSE	NE	E	SW	45.1	65	88.2	41.8	240.1	0	------	------	0	------	------
11	SW	SW	SE	NE	NE	W	36.4	47.7	85.3	43.8	213.2	0	------	------	0	------	------
12	SW	SW	S	NNE	NE	W	46.5	66.5	64.2	30.8	208	0	------	------	0	------	------
13	SW	SW	S	NNE	NE	NE	42.3	47.3	88.3	47.8	225.7	1	------	S.-Cu.	0	------	------
14	NE	NE	N	NE	NE	NNE	40.4	44	125.2	140.3	349.9	7	A.-Cu. SW	S.-Cu.	1	------	Cu.-N.
15	NE	NE	NE	NE	NE	NE	139.8	149.7	161.9	159.8	611.2	10	------	S.-Cu. NE	1	------	Cu.
16	NE	E	E	E	E	SE	125.8	115.9	141.6	57.4	440.7	10	------	Cu.-N. ENE	7	A.-Cu. S	S.-Cu.
17	Calm	SE	S	NE	NE	SW	30.8	111.3	98.4	66.8	307.3	0	------	------	1	------	Cu.
18	SW	W	S	NE	NE	NE	44.5	53.4	114.6	116.7	329.2	0	------	------	0	------	------
19	E	E	N	NE	NE	NE	103.3	60.7	98.2	91.7	353.9	10	------	S.-Cu. SE	9	A.-Cu. S	S.-Cu.
20	E	SW	S	NE	NE	NE	51.5	46.4	105.6	71.8	275.3	8	A.-Cu. SW	S.-Cu.	0	------	------
21	SE	WSW	NW	ENE	NE	W	37.3	51.2	100.1	52.8	241.4	7	------	Cu.-N. S	1	------	Cu.-N.
22	SW	SW	S	NNE	N	W	35.7	87.5	81.1	46.4	250.7	7	------	Cu.-N. S	2	Ci.-S.	Cu.-N.
23	SW	S	S	NE	N	NW	61.5	104	99.8	60.7	326	0	------	------	0	------	------
24	SW	SSE	S	NE	NE	NW	56.8	140.8	103.5	62.8	363.9	0	------	------	0	------	------
25	SW	Calm	SSE	NE	NE	NW	30.4	62.6	89.8	55.3	238.1	0	------	------	0	------	------
26	SW	W	NNE	NE	NE	NE	47.3	47	99.5	85.6	279.4	6	------	S.-Cu. SE	0	------	------
27	NE	NE	S	NE	NE	ENE	123.9	82.1	88.5	103.5	398	10	------	N. NE	9	------	S.-Cu. E
28	S	SW	SSE	NE	E	SW	41	69.5	126.8	62.8	300.1	0	------	------	0	------	------
29	SE	S	S	NE	NW	NW	62.5	110	94.6	69.5	336.6	0	------	------	0	------	------
30	SW	SW	NE	NE	N	N	38.1	49.4	87.2	93.3	268	7	------	S.-Cu. E	0	------	------
31	N	SW	SW	NE	NE	W	50.5	49.1	95.8	53.9	249.3	0	------	------	0	------	------
Mean	------	------	------	------	------	------	56.2	74.5	97.8	69.7	298.2	3.7	------	------	1.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,245.2	----	------	------	----	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

APRIL, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.88	59.11	60.06	58.44	58.64	60.17	59.22	24.1	22.6	28.1	29.8	28.9	25.5	26.5	32.1	20.4	91	86	70	66	66	91	78.3	------
2	59.93	60.08	61.16	59.20	59.66	61.39	60.24	24	22.6	28.3	30.1	27.1	26	26.4	31.5	21.6	90	89	68	67	82	84	80	------
3	60.23	60.61	61.89	59.48	59.70	61.59	60.58	23.2	21	27.4	29.7	27	25.9	25.7	31.5	19.7	90	95	68	64	75	77	78.2	------
4	60.85	61.13	61.82	59.61	59.47	61.76	60.77	24.2	22.5	27.8	29.6	29.8	26.6	26.8	30.6	21.5	82	92	76	70	71	83	79	------
5	60.94	61.49	62.91	61.15	61.49	62.73	61.78	26	25.1	25.6	26.1	24.5	25	25.4	27.7	23.8	84	86	82	78	86	82	83	0.6
6	60.68	60.86	62.05	59.86	59.35	60.67	60.58	24.6	24.5	27.5	27	26.5	25	25.8	29.2	23.5	85	86	76	77	80	92	82.7	------
7	60.20	60.43	61.77	59.96	60.31	62.47	60.86	24	22.8	26.9	27.6	26	25.5	25.5	29	22	93	93	80	74	75	77	82	------
8	61.38	61.62	62.96	61.91	62.39	64.56	62.47	24.9	24.5	27.3	26.9	24.9	24.5	25.5	28.6	23.6	79	82	71	70	73	75	75	------
9	63.71	63.92	65.74	63.86	64.17	65.61	64.50	24.2	23.6	24.8	25.1	23.9	24	24.3	26.7	22.7	75	75	68	72	70	67	71.2	------
10	64.23	63.48	64.88	62.50	62.14	63.08	63.38	23.7	21	27	27.2	24.6	24	24.6	28.2	20.4	69	91	60	63	71	75	71.5	------
11	61.23	61.52	61.87	59.04	58.67	60.27	60.43	22.1	21.9	27.5	28.6	26.2	24.3	25.1	29.5	19.6	88	88	73	68	79	91	81.2	------
12	59.58	59.81	60.25	58.21	58.65	60.24	59.46	22.4	23	28.5	30.2	27.6	26.5	26.4	31.9	21.1	89	90	70	68	76	80	78.8	------
13	59.12	59.47	60.26	58.36	58.69	60.84	59.46	24.7	23.2	28	29.5	26.8	26	26.4	31.8	22.7	84	90	70	70	81	84	79.8	------
14	59.62	59.87	61.05	59.91	60.08	61.81	60.39	24.9	24	28.3	29	27.2	25.5	26.5	30.2	23.4	89	93	72	75	78	88	82.5	------
15	61.32	61.60	62.29	60.19	60.41	61.95	61.29	24.5	23.2	28.5	29.6	27.1	24.8	26.3	30.9	22.9	92	97	74	67	79	92	83.5	------
16	61.10	61.17	61.65	58.66	58.90	60.57	60.34	23.3	22.6	28.3	29.8	27.7	26.4	26.4	31	22	92	95	72	74	78	84	82.5	9.4
17	59.99	60.03	60.74	58.21	58.97	60.59	59.76	24.6	23.5	27.1	28.3	26.5	25.6	25.9	29.8	23	93	96	83	77	82	87	86.3	2.5
18	59.69	59.80	60.56	58.66	59.21	60.96	59.81	24.9	24.8	28.1	29	27.4	25.7	26.6	30.4	24.4	91	90	77	77	83	93	85.2	------
19	60.02	60.67	61.66	58.52	59.58	61.03	60.25	24.1	23.9	30	31.6	29.6	26.6	27.6	34.1	23.5	92	91	67	64	70	86	78.3	------
20	61.06	61.85	62.76	60.54	60.99	62.51	61.62	25.5	23.5	29.6	30.6	28.8	26.3	27.4	31.8	23.2	89	92	67	75	78	93	82.3	------
21	62.22	62.53	63	60.13	60.70	62.68	61.88	25	23.5	31.4	31.2	28.5	27	27.8	34	23.1	93	94	63	66	73	80	78.2	------
22	61.22	61.12	61.78	59.42	58.98	60.74	60.54	25.2	22.5	29.1	32	28.7	26	27.2	32.5	22.1	83	85	73	69	71	82	77.2	------
23	59.86	59.91	60.54	58.63	58.90	60.70	59.76	24.6	24.6	31.4	31.2	28.2	26.4	27.7	34.9	23.9	87	85	59	65	79	89	77.3	------
24	59.39	59.44	60.70	58.98	59.45	60.94	59.82	25.6	24.7	29.8	31.3	28.9	27	27.9	32.4	24.1	90	92	73	70	81	92	83	------
25	59.54	59.71	60.48	58.47	59.39	60.79	59.73	25.1	25	31	31.4	28.7	26.2	27.9	34.5	24.2	92	90	66	70	83	94	82.5	------
26	59.91	60.10	60.67	58.26	58.88	60.51	59.72	25.1	24.4	31	32.2	28.5	27.5	28.1	35.6	23.8	92	92	65	69	85	90	82.2	------
27	59.89	60	60.63	59.15	58.81	60.78	59.88	25.5	25.2	30.6	31	28.7	27.3	28	35.4	24.6	80	79	60	71	75	84	74.8	------
28	59.84	59.62	59.75	58.38	59.05	60.24	59.48	26.2	25	31	31.8	28.2	26	28	33.3	24.5	87	90	59	66	80	92	79	------
29	59.28	59.54	59.61	57.94	57.77	59.29	58.90	24.6	23	29.6	30.8	29.1	25.8	27.2	32.2	22.3	92	91	63	67	68	84	77.5	------
30	59.13	59.61	60.15	58.14	58.60	60.27	59.32	23.8	23.6	30.6	31.4	29.1	25.4	27.3	32.7	23.1	85	86	55	61	66	87	73.3	------
Mean	60.47	60.67	61.52	59.46	59.73	61.39	60.54	24.5	23.5	28.7	29.7	27.5	25.8	26.6	31.5	22.7	87.3	89.4	69.3	69.7	76.5	85.2	79.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	S	SSE	NE	NNE	NW	51.7	134.2	84.8	48.1	318.8	0	------	------	0	------	------
2	SW	SW	SSE	NE	NE	NW	45.7	108	96.3	61.5	311.5	0	------	------	0	------	------
3	S	SW	SSE	NE	N	NW	35.7	89.9	89.5	84.7	299.8	0	------	------	2	Ci.	S.-Cu.
4	W	Calm	NW	NNE	NE	NE	36.8	34.9	76.6	114.9	263.2	0	------	------	0	------	------
5	NE	NE	NE	ENE	NE	ENE	125.5	168.9	156.1	133.6	584.1	10	------	Cu.-N. NE	10	------	S.-Cu. E
6	E	E	E	E	E	SE	121.3	102.4	101.4	39.2	364.3	10	------	S.-Cu. E	9	A.-Cu. S	S.-Cu. E
7	S	W	NW	N	N	NE	41.2	54.7	114.3	114.3	324.5	0	------	------	10	------	Cu.-N. NNE
8	NE	ENE	ENE	ENE	ENE	ENE	111.8	123.1	180.2	151.3	566.4	10	------	S.-Cu. ENE	9	A.-Cu. SW	Cu.-N. ENE
9	E	E	E	ENE	E	E	135.2	138.4	178.6	125.5	577.7	10	------	S.-Cu. E	10	------	S.-Cu. ENE
10	E	SW	E	ENE	E	E	74	66	148.1	109.2	397.3	0	------	------	7	A.-Cu. S	S.-Cu.
11	SE	Calm	NE	NE	NE	SW	24.7	80	116.5	56.8	278	10	A.-Cu. S	S.-Cu.	2	------	Cu.-N.
12	SE	S	S	NE	NE	Calm	39.9	88.3	93.9	37.2	259.3	0	------	------	2	------	Cu.-N.
13	SW	S	S	NE	NNE	NE	55.8	84.5	89	40.2	269.5	0	------	------	1	------	Cu.-N.
14	Calm	SE	NE	NNE	NNE	NE	26.9	58.7	81.6	41	208.2	0	------	------	0	------	------
15	SW	SW	NE	NE	NE	SW	36.5	50.1	101.1	75.6	263.3	0	------	------	1	------	Cu.-N.
16	S	S	S	NE	NE	NW	40.4	78.1	95	63.6	277.1	0	------	------	0	------	------
17	W	SW	NW	NNE	NE	NE	44.5	57.1	95	90.7	287.3	3	------	Cu.-N. NE	1	------	Cu.-N.
18	NE	E	ENE	ENE	E	SW	122.6	63.1	107.5	67.9	361.1	7	------	S.-Cu. E	0	------	------
19	SE	S	S	ESE	E	SW	30.6	78.3	82.4	68.6	259.9	1	------	S.-Cu.	4	------	Cu.-N. S
20	W	S	ENE	NE	NE	SW	53.4	54.7	96.9	45.7	250.7	0	------	------	2	Ci.-S.	Cu.-N.
21	SW	Calm	SE	NE	E	W	29.5	91.2	129.3	40	290	0	------	------	2	Ci.-S.	Cu.-N.
22	SE	SSE	NE	NE	E	SW	75.4	84.3	89.5	61.4	310.6	4	Ci. W	S.-Cu.	4	Ci. W	Cu.-N.
23	SE	S	S	NE	N	Calm	84.5	100.8	78.9	21.5	285.7	0	------	------	2	------	Cu.-N.
24	SW	SW	NE	NE	N	NW	47.7	56.3	85	60.9	249.9	0	------	------	1	------	Cu.-N.
25	SW	SW	S	NE	N	W	44.1	91.7	84.3	49.6	269.7	7	A.-Cu. S	S.-Cu.	1	------	Cu.-N.
26	SW	S	S	NE	NW	N	42.8	132.3	110	63.9	349	0	------	------	2	Ci.-S.	Cu.-N.
27	SW	S	S	NNE	NE	N	89.9	129.2	83.2	46.4	348.7	7	Ci. W	------	6	Ci. W	Cu.-N.
28	NW	SW	S	NNE	NE	W	46.4	73	94.6	59.2	273.2	2	Ci.-S.	------	2	Ci.	Cu.-N.
29	SW	Calm	ENE	NE	E	SW	43.8	58.5	93.5	47.7	243.5	1	Ci.-S.	S.-Cu.	1	Ci.	Cu.-N.
30	S	SSE	SSE	NE	E	WSW	61.7	122	114	60.6	358.3	8	Ci. W	S.-Cu.	2	Ci.-S. W	Cu.-N.
Mean	------	------	------	------	------	------	60.7	88.4	104.9	69.4	323.4	3	------	------	3.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,700.6	----	------	------	----	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MAY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.15	60.42	60.84	58.27	58.29	60.93	59.82	24	24	30.8	31.3	29.8	27	27.8	33.8	23.4	86	86	56	62	66	77	72.2	------
2	60.27	60.90	61.45	59.30	59.74	61.94	60.60	25.3	24.5	31	31.2	28.4	27.4	28	34.6	23.8	81	84	51	64	75	78	72.2	------
3	61.05	61.18	61.70	59.69	59.73	61.61	60.83	25.2	24.1	30.2	30.7	28.9	26.9	27.7	32.4	23.6	90	94	58	71	76	80	78.2	------
4	60.54	61	61.10	58.83	59.16	60.26	60.15	25	23.6	28.3	30.2	27.4	25	26.6	31.6	23.2	87	93	74	69	83	88	82.3	------
5	58.69	58.94	59.04	56.44	57.25	59.27	58.27	24.2	23.6	31.2	30	28	25.4	27.1	33.6	22.8	91	90	58	66	77	90	78.7	------
6	58.28	58.62	58.92	56.69	58.66	59.93	58.52	25.3	25.2	32	31.2	23.7	23.2	26.8	35.2	22.7	89	87	58	64	92	93	80.5	6.6
7	59.48	59.91	60.73	59.05	59.46	61.39	60	23	22.5	29.2	30	28.5	27	26.7	31.6	22	91	94	66	70	75	84	80	------
8	58.80	59.98	60.56	58.08	57.66	59.12	59.20	25.5	24.4	30	31	28.8	26	27.6	32.4	24.1	89	93	69	65	73	90	79.8	------
9	57.73	57.87	58.14	56.22	56.20	57.53	57.28	25	24.2	31.2	31.6	28.8	25	27.6	34.6	22.6	92	90	61	68	82	87	80	------
10	56.48	56.70	57.11	54.83	56.12	56.66	56.32	23.8	23.6	30.5	31.1	26.5	24.8	26.7	33.1	23	90	90	65	59	86	93	80.5	------
11	56.72	57.23	57.50	56.88	56.99	59.06	57.40	24.2	24.3	28.6	30.5	28.3	26.9	27.1	31.2	23.4	91	91	74	66	78	85	80.8	------
12	58.41	58.93	59.20	57.66	57.69	59.56	58.58	25.1	24.2	31	31.9	30	26.8	28.2	32.8	23.6	91	94	68	69	77	87	81	------
13	58.86	59.04	59.60	58.17	58.23	60.09	59	25.1	25.7	32	32.5	30	27	28.7	33.5	24.1	89	88	58	62	70	87	75.7	------
14	59.17	59.33	59.69	57.83	58.48	60.16	59.11	26	25.8	31.9	32.2	28.8	26.6	28.6	33.9	24.6	84	84	55	65	82	90	76.7	------
15	59.21	59.48	59.60	58.49	59.15	60.14	59.34	25.2	24.5	32	31.1	28.7	26.9	28.1	34.9	24.4	90	87	55	67	80	86	77.5	------
16	59	59.11	59.07	57.11	58.14	59.99	58.74	25.2	24.8	31.6	31.6	28.8	27.8	28.3	34.9	23.6	90	90	65	72	79	84	80	------
17	59.25	59.54	59.39	57.92	59.06	59.96	59.19	25.9	25	31.5	31.8	27.2	25	27.7	33.2	24.6	89	92	59	70	83	87	80	------
18	58.97	59.29	59.84	57.84	58.31	59.76	59	24.7	25.2	30.7	32.7	29.2	26.8	28.2	35.3	24.1	91	87	61	62	76	86	77.2	------
19	58.46	58.71	59.25	56.91	58.39	59.64	58.56	26	25.5	31.9	32.4	28.3	26	28.4	34.4	24.7	85	86	61	66	75	89	77	------
20	58.01	58.66	59.02	56.96	57.97	59.80	58.40	25.3	25	31.5	32.1	29.8	28.2	28.6	34.1	24.2	89	90	68	67	70	79	77.2	------
21	58.41	59.26	59.83	58.72	59.34	61.55	59.52	26.1	25.1	32	32.4	30.5	28.2	29	33.6	24.6	88	91	66	64	67	79	75.8	------
22	60.50	61.04	61.34	59.43	58.88	61.17	60.39	26.2	25	30.1	31.3	30.4	28.8	28.6	33.4	24.4	89	92	69	68	76	79	78.8	------
23	60.04	60.24	60.37	58.13	58.06	59.82	59.44	26.9	26.2	33	32.5	29.8	28.4	29.5	33.8	26	80	84	58	62	73	80	72.8	------
24	58.89	59.28	59.53	57.62	57.84	59.53	58.78	26.6	25.8	31.6	32	29.4	28	28.9	32.9	25.4	89	92	61	66	74	82	77.3	------
25	58.43	58.56	59.91	58.48	58.62	60.29	59.05	25.8	24.8	30.3	31.8	29	28	28.3	32.9	23.6	88	92	74	59	76	82	78.5	------
26	59.34	59.46	60.19	58.17	58.27	59.95	59.23	27	26	30.3	31.4	29.2	28.2	28.7	32.5	25.2	87	92	73	71	76	82	80.2	------
27	58.05	58.33	57.94	56.04	55.68	57.43	57.24	26.6	25.4	31	32	30	28	28.8	32.6	24.9	89	95	66	69	73	77	78.2	------
28	55.58	55.79	56.21	54.42	54.49	56.15	55.44	26.7	25	29.8	31.9	30	28.1	28.6	32.5	24.4	83	92	73	62	74	80	77.3	------
29	55.29	55.51	55.85	54.52	54.39	56.51	55.34	26	25	30.9	31.5	29.8	28.2	28.6	32.4	24	90	92	67	69	75	79	78.7	------
30	56.01	56.33	56.46	54.53	54.51	56.76	55.77	25.9	24.6	30.5	31.8	29.2	28	28.3	33.1	24.1	86	90	71	69	75	82	78.8	------
31	55.52	55.78	55.31	53.09	52.71	52.81	54.20	27	26.6	29	29.2	27.6	27.9	27.9	31	26.1	89	90	82	77	80	87	84.2	4
Mean	58.54	58.85	59.18	57.30	57.66	59.32	58.47	25.5	24.8	30.8	31.4	28.8	27	28.1	33.3	24	88.2	90.1	64.5	66.5	76.6	84.2	78.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	S	SSE	ENE	E	SW	57.1	103.8	128.4	59.8	349.1	0	----------	----------	1	----------	Cu.-N.
2	S	S	SE	NE	N	N	50.5	118.5	97.7	67.4	334.1	4	Ci.-S. SW	Cu. S	0	----------	----------
3	W	SW	S	NE	NE	E	40.7	64.6	105.6	86.3	297.2	0	----------	----------	6	Ci.-S. W	Cu.-N.
4	Calm	S	NE	NE	NE	E	23.5	59.5	136.2	70.3	289.5	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
5	S	SSE	SSE	NE	NE	SW	46.2	92.7	102.4	58.1	299.4	0	----------	----------	7	Ci.-S.	Cu.-N.
6	SW	S	SSE	NNE	SW	WSW	54.2	113.7	111	69.2	348.1	6	A.-Cu. W	S.-Cu.	7	Ci.-S. W	Cu.-N.
7	SW	SW	SSE	NE	NE	ENE	46.2	52.6	105.6	82.1	286.5	1	Ci.-S.	Cu.	3	Ci.-S. W	Cu.-N.
8	SW	SW	NE	NE	ENE	SSW	39.2	55	108.4	55.7	258.3	5	Ci. W	Cu.-N.	1	Ci.-S. W	Cu.-N.
9	S	SSE	S	NE	N	SE	40.8	104.9	79.2	71.4	296.3	2	Ci. W	Cu.	2	Ci.-S. W	Cu.-N.
10	SW	S	S	NNE	WSW	SW	79.9	90.3	81.6	70.2	322	0	----------	----------	6	----------	Cu.-N.
11	S	S	SSE	NE	NE	NW	100.1	100.1	68.1	33.6	301.9	10	A.-Cu. W	S.-Cu. S	8	A.-Cu. W	Cu.-N.
12	Calm	SW	S	NE	NE	SW	38	83.7	93.9	54.1	269.7	0	----------	----------	0	----------	----------
13	SE	S	SSE	NE	NE	WSW	45.4	88.2	92	51.3	276.9	0	----------	----------	0	----------	----------
14	S	S	SSE	NE	NW	SW	54.2	102.7	97.2	75.8	329.9	0	----------	----------	1	----------	Cu.-N.
15	S	S	SSE	N	NE	W	56.1	106.2	84.3	41.3	287.9	0	----------	----------	1	----------	Cu.-N.
16	SW	S	S	NE	N	N	46.1	95.5	99.8	53.9	295.3	0	----------	----------	4	Ci.-S. W	Cu.-N.
17	WSW	SW	S	NE	SW	S	38.9	44	90.9	58.7	232.5	3	A.-Cu.	S.-Cu.	8	Ci.-S. W	Cu.-N.
18	SE	S	S	NE	NE	SW	91.4	113.3	92.3	52.5	349.5	7	Ci.-S. N	Cu.	4	Ci.	Cu.-N.
19	SW	S	SSE	NE	NW	SW	57.9	107.5	122.5	47.8	335.7	0	----------	----------	2	Ci.	Cu.-N.
20	SW	S	SSE	NE	N	Calm	51.2	100.4	110	47.7	309.3	0	----------	----------	1	----------	Cu.-N.
21	SW	SW	NNE	NE	NE	NE	59.7	57.7	96.4	43	256.8	1	----------	Cu.	4	Ci.	Cu.-N.
22	SW	SW	NNW	NE	NE	N	63.3	56.5	95.2	42.6	257.6	5	Ci. E	Cu.	7	Ci. E	Cu.-N.
23	SW	Calm	SE	NE	N	NE	64.7	87.2	102	44.9	298.8	4	A.-Cu. E	S.-Cu.	1	----------	Cu.-N.
24	SW	SW	NE	NE	NE	NE	46.2	54.1	100.4	54.1	254.8	0	----------	----------	1	----------	Cu.-N.
25	SW	SE	NNE	NE	NE	E	53.4	58.2	112.7	100.8	325.1	0	----------	----------	0	----------	----------
26	Calm	SW	NE	NE	NE	NE	40.2	60.2	117.8	81.6	299.8	1	Ci.-Cu. E	Cu.-N.	2	----------	Cu.-N.
27	SE	SW	NE	NE	NE	NE	45.3	48.3	114.9	78.7	287.2	2	Ci. E	Cu.	10	Ci.	Cu.-N.
28	SW	SW	N	NE	NE	NE	44.6	55.3	89.5	43.5	232.9	10	Ci. E	----------	6	Ci.-S. E	Cu.-N.
29	SW	S	NNE	NNE	NE	ENE	54.2	59.2?	103.8	67.1	284.3	10	Ci.	----------	10	Ci.	Cu.-N.
30	SW	Calm	NNE	NE	NE	ENE	36.2	52.5	134.2	74	296.9	1	Ci.	Cu.	6	Ci.	Cu.-N.
31	E	WNW	NNW	N	NNE	NNW	41.5	80.5	104.6	115.9	342.5	10	Ci.	Cu.-N. NE	10	Ci.-S. SE	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	51.8	79.6	102.5	63	297	2.7	----------	----------	4	----------	----------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,205.8	---	----------	----------	---	----------	----------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	50.20	49.94	50.11	49.30	50.06	52.79	50.40	27.8	27	27.5	28.4	28.1	26.4	27.5	29.2	25.9	90	95	88	79	79	87	86.3	0.3
2	52.03	52.37	53.57	52.46	52.96	54.91	53.05	25.8	26	29.5	28.1	27.2	26.8	27.2	31.2	25.1	88	85	70	84	81	84	82	2.8
3	54.20	54.73	55.79	54.08	55.20	56.94	55.16	25.2	24.5	27.8	28.6	24.2	24	25.7	30.7	23.1	92	94	73	79	93	95	87.7	39.4
4	56.09	56.35	56.73	55.36	55.39	56.56	56.08	24	23.4	27.9	28	25	26	25.7	29.6	22.7	91	95	75	79	92	90	87	25
5	54.73	55.28	57.23	55.82	56.55	58.59	56.37	25	25	24.6	26	26.8	25.5	25.5	27.5	24.1	93	90	92	87	84	94	90	3.8
6	57.98	58.48	59.05	57.76	59.15	60.83	58.88	25.7	26.4	29.2	32.1	28.7	26.2	28	33.1	25.1	78	72	64	56	83	92	74.2	-----
7	59.41	59.24	59.56	58.27	58.89	60.30	59.28	26	25	30.2	31	28.7	26.2	27.8	33.8	24.6	90	95	74	74	80	89	83.7	-----
8	58.78	59.01	59.24	58.37	58.24	59.66	58.88	25.5	24.9	30	31.5	29.6	28.2	28.3	33.9	24.4	93	96	75	66	72	82	80.7	-----
9	58.52	58.66	59.05	58.11	58.57	59.88	58.80	25.2	26	30.5	31.8	29.5	28.2	28.5	34.3	24.2	93	87	71	62	76	82	78.5	-----
10	58.81	58.98	59.40	58.67	59.09	60.31	59.21	26.7	25.5	30.6	32	30	28.5	28.9	33.6	24.9	86	89	65	66	74	78	76.3	-----
11	59.14	59.27	59.40	58.17	58.82	59.91	59.12	25.9	25	30.6	31.8	29.8	28.1	28.5	33.4	24.4	88	92	70	70	69	77	77.7	-----
12	58.29	58.67	59.29	57.63	57.63	59.51	58.50	25.7	24.8	29.8	31	29.6	28.2	28.2	33.1	24.1	88	92	69	66	70	74	76.5	-----
13	58.41	58.68	58.45	56.71	57.59	59.26	58.18	26.5	25.5	30.5	32.3	29.7	28.6	28.8	34.2	24.7	85	91	68	68	76	80	78	-----
14	58.40	58.64	59.44	58.04	58.61	59.48	58.77	26.1	25.2	30.5	31.5	29.3	26.8	28.2	33.4	24.6	88	90	66	66	73	84	77.8	-----
15	59.11	59.33	59.25	57.51	58.02	59.65	58.81	26.8	24.6	30.6	32	30.4	28	28.7	35	23.6	74	79	61	61	69	77	70.2	-----
16	58.78	58.93	58.71	56.71	56.05	58.36	57.92	26	24	31	32	30.6	27.8	28.6	33	23.1	85	91	63	67	70	77	75.5	-----
17	58.01	58.28	58.29	56.55	56.47	58.46	57.68	26.1	24.5	31.1	32.9	30.6	28	28.9	33.8	24	83	87	60	63	63	74	71.7	-----
18	57.81	57.96	58.18	56.75	56.67	57.66	57.50	27.2	25.1	31.4	33.6	30.8	27.1	29.2	34.4	24.1	75	83	59	50	57	75	66.5	1.8
19	56.71	56.97	56.39	54.25	53.36	52.58	55.04	25.8	24.4	27.3	28	25	26.6	26.2	29.1	24.1	82	90	86	82	92	81	85.5	10.4
20	51.73	52.95	54.28	53.51	54.35	55.96	53.80	26.5	25.8	29.5	32.4	30.2	27.5	28.6	33.1	25.1	77	78	58	49	58	72	65.3	-----
21	56.22	57.33	57.86	57.13	58.14	59.44	57.69	26.3	25.4	27.2	30.8	28.5	25.5	27.3	31.6	24.6	79	84	75	66	78	93	79.2	1.3
22	58.26	58.83	59.12	58.39	58.26	60.52	58.90	24.8	24.4	27.2	28.2	27.1	25.4	26.2	31.4	24	93	92	83	83	87	88	87.7	2.3
23	60.02	59.18	60.05	58.44	57.85	59.55	59.18	24.2	24.6	26.9	30.5	29.6	25.6	26.9	31.3	23.6	93	90	85	65	66	82	80.2	-----
24	59.02	59.06	59.15	57.31	56.56	58.41	58.25	25.1	24.6	30.4	31.6	30.1	26.5	28	33.7	24	86	87	66	65	62	79	74.2	-----
25	58.08	58.17	58.39	56.78	56.59	58.16	57.70	25.1	23.1	29.5	32	30.2	27	27.8	33	22.6	86	92	70	63	62	80	75.5	-----
26	58.08	58.31	58.33	56.66	56.14	57.65	57.53	25.5	24.5	29.9	31.1	28.9	27.5	27.9	32.2	23.8	88	91	71	67	67	73	76.2	-----
27	56.82	57.06	56.93	55.36	55.18	56.36	56.28	25.5	24.8	29.3	31.1	28.6	27.2	27.8	32	23	86	92	74	65	73	81	78.5	-----
28	54.96	54.90	54.85	53.84	53.31	54.82	54.45	25.7	24.2	27.2	29.5	28	26.9	26.9	30.1	23.5	88	93	86	72	82	82	83.8	-----
29	53.15	53.64	53.43	52.36	53.52	54.25	53.39	26.1	25	27.9	28	26.7	24.8	26.4	29.9	23.1	82	80	69	80	74	85	78.3	2.5
30	52.87	53.33	53.60	52.47	52.80	54.36	53.24	22.2	23.3	28	31	29.7	25.7	26.6	31.9	21.6	89	84	68	59	67	81	74.7	-----
Mean	56.82	57.08	57.44	56.09	56.33	57.84	56.93	25.7	24.9	29.1	30.6	28.7	26.8	27.6	32.2	24	86.3	88.5	71.8	68.6	74.3	82.3	78.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	89.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	NW	W	WNW	S	192.1	240.8	193.7	135.8	762.4	10	----------	N. NW	10	Ci.-S.	S.-Cu. W
2	S	S	SW	NW	NW	NW	106.5	85.3	181.8	152.3	525.9	10	A.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
3	SW	S	Calm	NNW	W	SW	58.5	31.1	150.8	92.3	332.7	10	Ci.-S.	S.-Cu.	10	A.-Cu. SW	S.-Cu.
4	SW	SW	S	ENE	ENE	ENE	42.5	36.7	81.1	77.9	238.2	10	----------	S.-Cu. SW	10	Ci.-S.	S.-Cu. SSW
5	SE	S	S	S	SW	SE	43.5	95.3	77.9	41.5	258.2	10	----------	N.	10	----------	S.-Cu.
6	E	S	S	NNE	NE	SE	98.2	109.7	93.6	64.7	366.2	10	A.-S.	S.-Cu.	9	A.-Cu. W	S.-Cu.
7	NE	SW	SSE	N	N	SW	46.1	64.4	106.8	51.7	269	7	A.-Cu. W	S.-Cu.	8	Ci.-S.	Cu.-N.
8	SW	SW	SSE	NNW	N	NE	44.9	79.9	104	54.7	283.5	7	A.-Cu. SW	S.-Cu.	3	Ci.	Cu.-N.
9	SW	S	SSE	NNW	NW	N	52.8	116.9	116.5	63.1	349.3	2	Ci.-S.	S.-Cu.	1	Ci.	Cu.-N.
10	SW	SSW	SSE	NE	NW	N	49.6	84.7	102.7	63.8	300.8	0	----------	----------	4	Ci.	Cu.-N.
11	SW	S	S	NNE	NNE	NE	55	79.1	91.5	50.4	276	7	Ci. SE	Cu.	2	Ci.	Cu.-N.
12	S	SW	S	NNW	N	NE	51.2	53.9	89.9	55.8	250.8	1	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
13	SW	SW	S	NE	NE	N	49.7	89	95	65.2	298.9	10	Ci.-S. E	Cu.	9	Ci.-S. E	Cu.-N.
14	SW	SSE	SSE	NE	N	S	77.2	110.2	99	65.4	351.8	5	Ci. E	Cu.	8	Ci.-S. E	Cu.-N.
15	S	S	SSE	NE	NE	ENE	93.5	122	111.2	58.7	385.4	0	----------	----------	1	Ci.-S.	Cu.-N.
16	Calm	S	NE	NE	ENE	S	40	62.3	124.9	53.4	280.6	0	----------	----------	3	Ci.	Cu.-N.
17	Calm	Calm	S	NE	ENE	SW	32.7	78.4	123.9	67.9	302.9	3	Ci.	Cu.	2	Ci.	Cu.-N.
18	S	SE	NE	ENE	E	E	69.7	93.5	143.8	101.2	408.2	10	Ci. E	Cu.	10	Ci.-S. E	Cu.-N.
19	SE	Calm	S	ENE	E	E	38.9	35.2	74.6	134.7	283.4	10	----------	N. SE	10	Ci.-S.	S.-Cu. SE
20	SE	SSE	S	S	S	S	121.8	188.6	185.6	104.6	600.6	9	Ci.-S. S	S.-Cu.	10	Ci.-S.	S.-Cu.
21	S	SE	S	S	N	SW	96	103	42.1	56.9	298	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. S
22	S	S	S	NE	E	S	57.9	99.2	56.9	52.1	266.1	10	A.-.S	S.-Cu. S	10	----------	S.-Cu. S
23	S	S	S	ENE	E	SE	77.2	72.4	85.6	53.4	288.6	10	A.-Cu. S	S.-Cu.	10	A.-Cu. S	S.-Cu.
24	Calm	S	SSE	NE	E	SSE	17.9	90.9	122.9	45.4	277.1	1	Ci. S	S.-Cu.	4	Ci.	Cu.-N.
25	S	SE	NE	NE	E	E	32.2	46.4	108.1	57.3	244	0	----------	----------	6	Ci.-S.	Cu.-N.
26	W	SE	NE	NE	NE	ENE	30.9	57.3	132	90.1?	310.3	7	Ci. E	Cu.	8	Ci.-S.	Cu.-N.
27	SW	SSW	ENE	NE	NE	NE	-----	-----	93.3	56.3	-----	7	A.-Cu. W	S.-Cu.	8	Ci.-S. E	Cu.-N.
28	W	W	NW	NW	NW	WNW	69.8	113.3	163	121.3	467.4	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
29	W	W	NW	NW	NW	S	73.5	86.6	222.1	93	475.2	9	A.-Cu. N	S.-Cu.	10	Ci.-S.	S.-Cu. NW
30	SE	S	N	NE	SE	SE	64.1?	68.2	85	53.3	270.6	10	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	65	89.5	115.3	74.5	345.6	6.7	----------	----------	7.3	----------	----------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

JULY, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.28	54.57	54.71	54.14	54.74	57.10	54.92	25.1	24.1	30.9	31.4	29.1	27	27.9	33	23.6	84	91	66	67	78	90	79.3	------
2	56.03	56.46	57.03	55.64	55.78	58.16	56.52	26.5	25.2	30.5	31.6	29.5	26.9	28.4	32.6	24.4	91	93	69	68	77	88	81	------
3	56.98	57.10	57.11	55.07	55.16	57.15	56.43	26.2	25.5	30.3	31.6	28.8	27.5	28.3	32.4	24.6	90	93	75	70	76	84	81.3	------
4	55.91	56.01	56.09	54.64	54.62	56.55	55.64	26.4	24.2	29.1	31.1	29.6	27.2	27.9	31.8	23.6	89	93	74	64	72	78	78.3	------
5	55.02	54.15	54.76	53.20	53.09	54.44	54.11	25.1	24	28.4	31.1	29.3	27.2	27.5	31.8	23.5	91	95	77	61	70	83	79.5	------
6	52.72	52.40	52.36	50.58	49.57	50.57	51.37	26	25	29	30.5	29.6	27.3	27.9	31.8	24.6	89	90	78	75	82	84	83	------
7	48.62	48.40	48.65	48.30	48.98	51.17	49.02	26.1	27.2	29.1	28.2	25.5	25.6	27	31.4	25	85	78	73	79	92	85	82	2.5
8	50.28	51.69	53.29	53.32	53.89	55.62	53.02	26	26.5	27	28.3	26.8	25.5	26.7	29.4	25	84	80	83	82	87	94	85	2.6
9	54.43	54.83	55.06	54.63	55.18	57.01	55.19	25.2	25.2	30.7	31.6	29.6	26	28	32.6	24.5	95	93	68	72	72	94	82.3	9.4
10	55.78	55.61	55.38	54.17	53.71	54.61	54.88	25.2	25.3	30.1	31.3	30.8	29	28.6	32.3	24.6	95	96	77	69	72	71	80	------
11	53.36	53.34	53.60	52.26	51.74	52.39	52.78	27.4	26.2	29.8	30.9	30	28.8	28.8	33.2	25.5	80	85	73	72	74	71	75.8	------
12	50.97	51.07	52.14	51.47	52.31	53.36	51.89	28	27.5	30.5	30.7	29.2	28.2	29	31.5	27.1	74	76	63	64	72	73	70.3	------
13	52.28	52.93	54.37	53.52	54.39	55.34	53.80	28.7	26.2	30.3	31.8	30.4	28.5	29.3	32.4	26	70	79	62	56	63	70	66.7	------
14	55.45	56.22	56.68	55.50	56.69	57.99	56.42	26.3	26	30.7	32.2	26.5	25.2	27.8	33.8	24.8	82	87	67	68	83	87	79	------
15	57.59	57.93	58.23	56.59	57.86	58.81	57.84	25	24.5	29.9	30.9	28.7	25.9	27.5	32.8	23.2	87	84	65	69	81	85	78.5	11.9
16	57.47	57.49	57.21	56.25	55.81	56.99	56.87	23.8	23.2	28.2	30.4	29	27.1	27	31.7	22.7	93	95	79	72	71	82	82	1.5
17	55.22	55.48	56.17	54.54	54.87	56.31	55.43	25.2	24	28.9	31	29.2	27.8	27.7	32	23.4	90	91	71	69	72	80	78.8	------
18	55.72	55.94	56.31	54.94	54.43	56.71	55.68	26	25.5	30.5	32	31	27.8	28.8	32.9	24.7	92	94	66	66	59	77	75.7	------
19	56.54	56.60	57.16	55.72	55.47	57.28	56.46	26.8	25.6	30.4	32.1	30	28	28.8	32.9	25.1	81	87	66	67	69	79	74.8	------
20	57.09	57.18	57.91	56.47	56.02	57.91	57.10	25.8	25.2	30.5	31.4	28.5	27.4	28.1	32.8	24.4	90	92	70	68	74	84	79.7	------
21	57.26	57.39	57.81	56.27	56.51	57.78	57.17	26	24.5	30	31.6	29	27.6	28.1	32.6	24	92	94	72	69	76	80	80.5	------
22	56.49	56.16	56.08	55.01	55.05	56.40	55.86	25.3	25	30.7	31.5	28.6	27.5	28.1	32.1	24.4	94	92	67	66	79	84	80.3	.8
23	55.26	54.59	54.41	53.17	53.19	54.29	54.15	26.2	25.1	28.6	30.8	29.1	27.9	28	31.6	24.6	90	94	78	67	71	78	79.7	5.8
24	53.19	53.53	53.56	52.43	52.45	53.90	53.18	25.8	25	29.5	30.7	27.7	26.2	27.5	31.7	24.4	90	95	70	70	78	85	81.3	------
25	52.65	52.45	52.48	51.21	51.67	53.06	52.25	25.3	25.2	30.6	31.6	30.1	26	28.1	34.1	24.5	89	88	65	65	67	87	76.8	------
26	51.78	51.93	53	53.77	53.25	54.40	53.02	26	25.8	27.8	25.9	24	24.5	25.7	28.3	23.6	82	81	67	83	93	89	82.5	.5
27	53.80	54.15	54.55	54.08	54.85	56.52	54.66	25	25	29	30.6	28.2	26.7	27.4	31.8	24.2	85	85	61	61	72	77	73.5	------
28	55.91	56.34	57.12	56.66	57.01	58.43	56.91	25.2	25.5	30.6	31.9	29.2	28.2	28.4	33	24.1	82	75	63	56	75	80	71.8	------
29	58.01	58.45	58.66	57.34	58.83	60.89	58.70	27.6	25.8	29.8	32.1	26	25.2	27.8	32.7	24.2	83	92	79	66	84	87	81.8	------
30	58.49	58.73	59.10	57.90	57.74	58.99	58.49	24.2	23.8	27.4	29.6	28.1	27.2	26.7	31.9	23.1	88	88	76	63	75	80	78.3	------
31	58.04	58.39	58.61	56.84	58.16	59.58	58.27	25.7	24.5	29.8	33.8	28.6	27.9	28.4	34.7	23.8	88	94	72	47	73	78	75.3	------
Mean	54.92	55.08	55.47	54.38	54.61	56.12	55.10	25.9	25.2	29.6	31	28.7	27.1	27.9	32.2	24.4	86.9	88.7	70.7	67.5	75.5	82.1	78.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	35

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	Calm	SW	NE	N	SW	43	50.5	108.8	77.2	279.5	10	Ci.-S. E	------------	9	Ci.-S. E	Cu.-N.
2	SW	S	S	NE	NE	SW	48.8	87.2	110.5	70	316.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
3	SW	Calm	NE	NE	NE	ENE	22.5	49.4	133.9	80.2	286	10	------------	S.-Cu. SE	1	------------	Cu.-N.
4	Calm	Calm	NE	NE	NE	NE	29.3	48.3	85	45.4	208	8	Ci.-S.	Cu.-N.	4	Ci.	Cu.-N.
5	SW	WSW	NNW	N	NNW	NNE	52.8	65	102.4	68.4	288.6	1	Ci.-S.	Cu.	1	Ci.	Cu.-N.
6	SW	S	NNW	NNW	NW	S	62	75.6	135.2	82.1	354.9	5	A.-Cu. NW	S.-Cu.	10	Ci.-S.	Cu.-N.
7	SE	S	SW	W	SSE	S	114.3	160.9	129.5	135	539.7	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. W
8	S	S	S	SW	NW	SW	176.4	129.5	77.9	54.9	438.7	10	A.-S.	S.-Cu. SSW	10	------------	N.
9	SE	S	S	NE	NE	SW	85.3	74	88.5	57.7	305.5	10	Ci.-S.	S.-Cu. SW	8	A.-Cu. SW	Cu.-N.
10	Calm	SW	NE	NNE	N	W	41.3	61.2	77.5	52.8	232.8	7	A.-Cu.	S.-Cu.	9	Ci.-S. E	Cu.
11	W	W	WNW	WNW	N	W	26.8	76.9	143.8	71.4	318.9	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
12	W	SW	SW	SW	S	S	38	100.4	112.1	108	358.5	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
13	SW	S	S	SSW	SW	SW	114.9	112.7	164.4	64.1	456.1	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
14	SE	S	S	NE	SW	S	36.4	63.4	88.8	59.5	248.1	10	A.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
15	S	S	S	NE	N	NW	84.7	58.4	101.1	91.5	335.7	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N.
16	S	S	SW	NE	NE	NE	68.1	45.9	101.7	72.2	287.9	5	Ci.-S. NE	S.-Cu.	5	Ci.-S. NE	Cu.-N.
17	SW	SW	S	NE	NE	NE	53.6	53	106.5	65.2	278.3	1	Ci.	Cu.-N.	5	Ci.	Cu.-N.
18	SW	SW	S	NE	ENE	SW	61.8	81	104.6	44.1	291.5	0	------------	------------	5	Ci.	Cu.-N.
19	SW	S	NE	NE	ENE	ENE	38.8	75	123.7	63.8	301.3	0	------------	------------	2	Ci.	Cu.-N.
20	SW	Calm	NE	NE	ENE	ENE	46.9	49.7	154.5	126.3	377.4	2	A.-Cu. SE	S.-Cu.	2	------------	Cu.-N.
21	S	SE	NE	NE	NE	E	35.2	50.9	123.7	84.2	294	5	A.-Cu. S	Cu.-N.	5	Ci.-S.	Cu.-N.
22	S	S	S	NE	ENE	ENE	43.1	66	108.4	60.6	278.1	0	------------	------------	6	Ci.-S. E	Cu.-N.
23	SW	SW	N	NNE	N	N	46.1	56	91.9	65.5	259.5	10	------------	Cu.-N. NE	4	Ci.	Cu.-N.
24	SW	S	S	N	S	S	56.3	74.6	94.6	63.6	289.1	8	Ci.-S. W	Cu.-N.	10	Ci.-S. E	Cu.-N.
25	S	S	S	NNE	E	SE	103.5	109.1	105.9	113.8	432.3	10	Ci.-S. E	Cu.	9	Ci.	Cu.-N. sw
26	S	S	SW	S	S	S	167.3	163.3	115.9	138.4	584.9	10	Ci.-S.	S.-Cu. S	10	------------	N.
27	S	S	S	S	S	S	180.2	168.9	173.8	128.4	651.3	10	Ci.-S.	S.-Cu. SW	10	A.-Cu. W	Cu.
28	S	S	S	NW	NE	ENE	114.9	110	89.5	50.9	365.3	7	A.-Cu. SW	S.-Cu.	10	A.-Cu. SW	S.-Cu.
29	NE	SW	N	ENE	SW	SW	40.2	59.2	78.6	59.2	237.2	8	A.-Cu. SW	S.-Cu.	8	Ci.-S.	Cu.-N. SE
30	S	S	S	S	E	Calm	112.5	120.5	80.2	25 1	338.3	10	A.-Cu. S	S.-Cu.	10	Ci.-S.	S.-Cu.
31	S	SSW	S	S	N	NE	39.1	110.8	117.8	67.3	335	1	Ci.-S. N	S.-Cu.	3	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	70.5	84.1	110.7	75.7	340.9	7	------------	------------	7.1	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	10,568.9	----	------------	------------	----	------------	------------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

AUGUST, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.79	58.97	59.69	58.08	58.84	60.14	59.08	27	24.4	29.6	31.5	29.2	27.9	28.3	32.2	24.1	81	92	74	69	75	82	78.8	------
2	59.13	59.32	59.56	58.09	58.17	59.75	59	26.9	24.5	30	31.2	29.5	27.1	28.2	32	23.8	85	92	69	64	79	82	78.5	------
3	58.18	58.43	58.31	57.09	57.08	58.64	57.96	24.6	23.2	29.9	31	29	27.5	27.5	31.8	22.8	88	93	69	65	75	79	78.2	------
4	57.39	57.47	57.90	57.14	57.21	58.56	57.61	25	24	30	30.8	28.9	27.1	27.6	31.6	22.5	90	95	65	67	77	87	80.2	5.1
5	57.16	57.32	58.06	57.24	57.59	59.10	57.74	25.6	24.7	30	30.6	28.6	27.3	27.8	31.9	24.1	88	89	67	65	72	81	77	------
6	57.84	58.15	58.65	57.70	57.59	58.85	58.13	25.2	24.5	29.9	31.1	28.6	27.3	27.8	32	23.6	90	91	71	66	73	81	78.7	1
7	58.13	58.43	58.58	57.01	56.56	58.46	57.86	25.7	24.6	29.6	32	29.6	28	28.2	32.5	24.1	86	92	75	69	74	80	79.3	------
8	57.91	58.01	58.35	56.85	56.76	58.46	57.72	26.3	25	29.5	30.3	29.6	27.2	28	31.8	24.6	90	97	75	74	79	86	83.5	1
9	57.42	57.26	57.43	56.08	56	57.75	56.99	25.1	24.6	30.4	30	28.6	27.9	27.8	32.6	24.1	91	92	66	75	79	84	81.2	1.8
10	56.48	56.58	56.26	54.65	54.69	55.66	55.72	26	24.7	28.4	30.1	29	27.2	27.6	31.5	24.1	92	94	78	72	74	86	82.7	7.9
11	53.93	53.96	54.17	52.32	52.12	53.19	53.28	25.8	24.8	26.3	28.3	26.4	25.1	26.1	29.8	23.6	87	88	92	86	90	94	89.5	66.6
12	51.98	51.49	51.53	50.47	50.13	49.90	50.92	25	25	27.5	26	26.5	26	26	28.9	23.5	95	95	85	90	86	89	90	24.1
13	48.26	47.92	50.04	48.96	49.90	51.95	49.50	25.2	25	24.9	25.3	25.5	25.7	25.3	27	23.8	88	87	92	89	91	91	89.7	12.7
14	52	52.24	53.68	52.88	53.88	55.64	53.39	26.1	26	28.5	32.6	30	27.6	28.5	33.1	24.6	79	79	70	58	77	86	74.8	------
15	54.88	55.07	55.81	54.99	56.42	58.28	55.91	26	25.4	30.6	31.1	26.4	25.3	27.5	33.2	24.3	85	85	64	69	87	89	79.8	------
16	57.03	57.18	58.26	56.15	56.83	58.40	57.31	24.6	24	29.5	30.9	28.8	27	27.5	31.6	23	90	90	72	70	78	87	81.2	2
17	57.98	58.26	58.64	57.38	57.86	58.81	58.16	25.8	25	28.5	31	29	25.3	27.4	31.7	24.6	92	93	84	72	76	94	85.2	------
18	57.91	57.55	57.99	56.44	57.03	58.10	57.50	24.6	24	28.9	31.6	29	25.9	27.3	32.6	23.6	95	95	75	62	75	88	81.7	------
19	56.11	56.34	56.79	55.29	55.59	57.66	56.30	24.7	24.6	29.6	31.2	27.6	25.7	27.2	32.7	24	91	93	73	65	79	86	81.2	16.8
20	55.34	54.20	54.66	52.90	53.23	53.92	54.04	24.6	24.6	26.4	28	25.5	25	25.7	30.2	23.8	92	92	82	77	88	90	86.8	5.1
21	51.55	51.68	51.57	50.95	50.38	51.93	51.34	25	25	26.3	25.2	25	24.8	25.2	26.9	23.7	90	90	84	95	93	93	90.8	36.9
22	52.37	52.70	53.37	53.12	53.51	55.38	53.41	24	24.6	28.5	27.1	26.8	25.5	26.1	32.4	23.4	95	92	80	87	81	88	87.2	1
23	54.56	54.68	55.31	53.99	54.49	56.27	54.88	24.9	24.8	27.4	30.4	28.4	27	27.2	31	24.1	91	92	80	65	82	83	82.2	.5
24	55.11	55.29	55.71	55.03	55.32	56.16	55.44	25.7	25	27.7	29.3	27	26.4	26.8	30.4	24.6	88	87	76	75	83	81	81.7	.5
25	54.96	54.32	54.38	53.31	53.09	55.07	54.19	26.1	26	29.6	29	28	25.4	27.4	30.9	24.2	82	81	68	68	70	85	75.7	4.3
26	52.78	52.35	52.40	51.24	51.83	52.88	52.25	24.2	24	27.6	26.7	24.8	23.9	25.2	28.2	23.5	93	95	76	86	92	96	89.7	17.1
27	51.25	50.60	50.62	49.58	50.28	51.63	50.66	24	24.4	25.6	27.3	26.3	25.9	25.6	27.8	23.7	96	95	93	84	93	93	92.3	4.2
28	51.03	51.24	52.11	51.44	52.61	54.33	52.13	25.3	25.2	29	29.6	26.5	26	26.9	30.2	24.2	88	79	69	70	83	84	78.8	.8
29	53.73	54.30	55.24	53.80	54.39	56.33	54.63	25.1	25	28.2	30.2	28.5	26.6	27.3	31.5	24.5	87	87	75	68	75	83	79.2	------
30	54.83	54.83	55.61	53.87	54.65	55.57	54.89	25.2	25	30.2	30.5	26.1	25.5	27.1	33.6	24.1	88	88	69	70	91	94	83.3	13.2
31	54.18	53.15	54.66	53.11	53.54	54.53	53.86	25.1	25	27.4	28.7	28	26.2	26.7	29.8	24.5	94	95	85	80	73	82	84.8	.3
Mean	55.17	55.14	55.66	54.42	54.76	56.17	55.22	25.3	24.7	28.6	29.6	27.8	26.3	27.1	31.1	23.9	89.3	90.5	75.9	73.3	80.6	86.6	82.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	222.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	SW	S	NNE	NNE	NE	56.6	50.2	92.8	54.4	254	0	------------	------------	2	------------	Cu.-N.
2	N	SW	NE	NNE	NE	N	45.3	62.2	93	32.5	233	0	------------	------------	1	------------	Cu.-N.
3	SW	SW	N	NNE	N	N	65.4	61.5	91.1	55	273	0	------------	------------	1	------------	Cu.-N.
4	SW	S	SW	N	NE	Calm	40.8	57.1	104.8	34.4	237.1	0	------------	------------	1	------------	Cu.-N.
5	SW	S	S	N	NE	Calm	50.5	74	101.6	31.4	257.5	0	------------	------------	1	------------	Cu.-N.
6	SW	SW	NE	NE	NE	ENE	48.3	53	102	52.5	255.8	0	------------	------------	4	------------	Cu.-N.
7	SW	SW	NE	ENE	ENE	E	53.9	47.5	130.4	119.6	351.4	1	------------	Cu.-N.	1	------------	Cu.-N.
8	S	SW	SW	NE	NE	S	44.3	38	95	72.7	250	1	------------	S.-Cu.	9	Ci.-S. E	Cu.-N.
9	S	S	S	NE	ENE	NE	50.9	67.9	114.3	64.1	297.2	8	Ci. E	Cu.	7	Ci.-S. E	Cu.-N.
10	SW	WSW	NNW	NNW	N	W	52.1	55	94.3	72.2	273.6	7	------------	Cu.-N. N	4	Ci.-S. E	Cu.-N.
11	W	NW	NW	NW	WNW	W	77	90.4	127.9	88.3	383.6	10	------------	N. N	10	Ci.-S.	Cu.-N.
12	NW	WSW	WNW	W	W	SW	99.2	135.2	123.3	70	427.7	10	Ci.-S.	Cu.-N. NW	10	------------	N.
13	SW	SSW	S	S	S	S	81.3	143.8	138.4	119.4	482.9	10	------------	N.	10	Ci.-S.	S.-Cu. W
14	S	S	S	S	E	SW	107.5	156.1	90.7	33.6	387.9	10	Ci.-S.	S.-Cu.	10	A.-Cu. S	S.-Cu.
15	S	S	S	NE	WSW	SW	55.8	104	90.7	37.6	288.1	10	Ci. SW	S.-Cu.	10	Ci.-S. ENE	Cu.-N.
16	SW	S	Calm	NNE	NE	Calm	45.1	54.1	82.7	47.7	229.6	10	Ci.-S. E	S.-Cu.	9	Ci.-S. E	Cu.-N.
17	W	W	N	NE	N	SW	44.9	54.5	84	52.1	235.5	7	Ci.-S.	Cu.-N. E	4	Ci.-S.	Cu.-N.
18	SW	S	S	NNE	NW	SW	51.8	67.1	107.3	67	293.2	8	A.-Cu. NW	S.-Cu.	1	------------	Cu.-N.
19	S	S	S	NNW	NNE	S	52.1	81.1	74.3	76.2	283.7	10	A.-Cu. W	S.-Cu.	6	A.-Cu. W	S.-Cu.
20	S	S	S	S	SW	S	114	138.7	86.9	65.7	405.3	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
21	S	S	S	SSW	S	SW	129.2	121.8	67.9	106.2	425.1	10	Ci.-S.	S.-Cu. SW	10	------------	N.
22	SW	S	S	SW	SW	S	68.2	72.6	110.2	75	326	10	Ci.-S.	S.-Cu. SW	10	------------	S.-Cu. SW
23	S	S	S	SSE	S	SW	98.2	145.4	101.1	70.5	415.2	10	Ci.-S. SE	S.-Cu.	10	Ci.-S.	S.-Cu. W
24	SW	S	S	SW	SW	SSW	57.3	98	84.5	100.4	340.2	10	------------	N.	10	Ci.-S.	S.-Cu. SW
25	SW	S	SW	SW	WSW	Calm	106.8	84.7	146.4	57.9	395.8	10	A.-Cu. W	S.-Cu.	10	Ci.-S.	S.-Cu. SW
26	S	SSW	S	SW	SW	Calm	53	101.4	69.5	31.9	255.8	10	------------	N. SW	10	------------	N.
27	SE	S	S	SSE	Calm	Calm	32.8	47.8	44.9	36.8	162.3	10	------------	N. SW	10	Ci.-S.	S.-Cu. SW
28	S	S	S	S	SW	SSW	84.2	126.8	112.5	55	378.5	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
29	S	S	S	SW	WNW	Calm	66.6	100.9	114.3	50.9	332.7	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
30	S	S	S	NNW	ESE	SE	62.2	81.5	53.4	40.5	237.6	10	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. sw
31	S	S	S	S	S	S	98.4	92.5	59.5	46.2	296.6	10	Ci.-S.	S.-cu. wsw	10	Ci.-S.	S.-Cu.
Mean	------	------	------	------	------	------	67.5	86	96.4	61.9	311.8	7.2	------------	------------	7.1	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,665.9	----	------------	------------	----	------------	------------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.32	53.14	54.01	51.98	52.79	54.21	53.24	25.1	25	28.3	29.6	28.1	26.3	27.1	31.8	24.1	87	90	76	76	82	85	82.7	------
2	53.54	52.93	53.85	52.16	52.93	54.21	53.27	25.3	24.7	29.9	28.5	27	26	26.9	31.9	24.2	88	89	73	81	84	90	84.2	1
3	52.61	52.75	53.56	51.68	52.31	54.35	52.88	25.3	24.8	29.4	30	28.4	28	27.6	31.2	23.8	96	93	69	75	82	81	82.7	1
4	53.25	53.19	53.83	51.95	52.32	54.24	53.13	26.1	25.1	27.9	29.4	27.8	27.4	27.3	30.6	24.4	89	94	81	72	83	81	83.3	------
5	53.03	52.70	53.37	51.17	50.51	51.56	52.06	25.3	23.8	28.3	29.6	28.2	26.7	27	30.6	23.6	88	93	74	75	86	82	83	------
6	50.17	50.43	50.95	49.50	50.20	52.05	50.55	25.5	25.1	29	30.3	30	27.5	27.9	31.8	24.2	89	91	74	66	74	79	78.8	------
7	51.76	52.14	53.03	51.95	52.41	54.39	52.61	26.6	25.6	30.6	30.7	29	27.3	28.3	31.6	24.6	81	87	64	66	76	85	76.5	------
8	53.56	53.25	53.52	52.07	52.76	53.99	53.19	26.2	25.3	29.1	80.3	28.2	27.5	27.8	31.8	24.3	75	77	69	63	76	81	73.5	------
9	52.99	53.04	53.69	52.10	52.25	54.15	53.04	26	24.1	29.9	31	30	26.5	27.9	32.6	23.1	84	89	63	59	69	83	74.5	------
10	53.16	53.65	54.36	53.43	54.21	55.76	54.10	25.8	24.5	29.7	30.4	29.5	28	28	31.8	23.9	82	87	63	63	68	63	71	------
11	54.93	55.08	55.99	54.20	55.26	57.04	55.42	25.8	23.6	30.1	30.4	28.5	28	27.7	31.9	22.6	75	88	64	63	74	76	73.3	------
12	55.71	55.86	56.89	55.94	56.69	57.54	56.44	26.1	25	28.3	25.4	24	23.4	25.4	29.1	23.1	83	87	80	80	95	95	86.7	10.2
13	56.59	56.34	57.48	55.43	56.34	57.66	56.64	23.2	23	28.2	29.3	28	26.1	26.3	31.4	22.5	93	93	76	73	76	86	82.8	------
14	56.88	57.07	57.81	56.65	58.14	59.31	57.64	25	23.7	29.4	29.6	27.6	25.1	26.7	31.7	23.1	88	94	73	70	77	91	82.2	------
15	58.03	58.24	59.46	57.78	58.09	59.44	58.51	24.2	23.2	29.3	28.9	28	26.8	26.7	30.3	22.7	95	93	78	78	77	81	83.7	1.8
16	57.43	57.58	58.76	56.81	57.52	58.73	57.80	25.5	24.2	28.3	29.1	27.2	25.4	26.6	29.6	23.6	86	94	79	74	81	90	84	14.5
17	57.30	57	58.18	56.23	56.89	58.71	57.38	24.6	23.9	27.5	29	27.5	26.7	26.5	29.9	23.3	93	94	82	74	69	73	80.8	.8
18	57.68	57.83	58.98	57.26	57.62	60.21	58.26	24.3	23.2	27.4	29	27.4	26.5	26.3	30.2	23	89	95	78	78	84	86	85	------
19	58.61	58.75	59.49	57.74	58.87	60.92	59.06	25	24.1	28.6	32	24	24	26.3	33	22.8	87	91	78	63	95	95	84.8	7.6
20	59.62	59.73	61.26	59.27	59.68	61.24	60.13	23.3	23.2	28	30.4	28	27	26.6	31.2	22.5	90	91	76	68	79	83	81.2	------
21	59.93	60.08	60.88	59.55	59.68	60.89	60.17	24.8	23.8	29.2	29.8	27.5	26.3	26.9	31	23.1	88	93	73	72	76	82	80.7	10.4
22	59.94	59.41	60.70	58.96	58.92	60.29	59.70	25	24.8	27.2	27.4	27	23.9	25.9	28.5	23.3	92	93	86	81	83	91	87.7	49.6
23	59.23	59	59.53	57.31	56.99	57.87	58.32	23.3	23.1	24	25	24.8	24.6	24.1	27.1	22.4	96	96	96	92	93	95	94.7	82.4
24	56.64	56.23	57.60	56.35	56.38	57.61	56.80	24.2	23.7	26.1	26.6	26.2	25.7	25.4	27.4	23.1	95	96	91	88	90	94	92.3	.8
25	56.96	57.09	58.52	56.35	57.36	58.84	57.52	25	24.7	29.2	30.3	28.2	27	27.4	30.8	24.1	93	94	77	72	82	84	83.7	------
26	57.80	57.91	59.09	56.91	56.98	58.52	57.87	26.3	25	29.5	28.9	27	26.5	27.2	30	24.2	85	92	70	72	72	71	77	------
27	57.07	57.30	58.03	56.03	56.71	57.81	57.16	24.6	23.2	28	29	27.8	26.4	26.5	29.6	23	82	91	71	71	77	87	79.8	------
28	56.90	57.09	57.42	55.43	55.81	57.26	56.65	24.8	23.8	27.6	28.5	27.5	26.4	26.4	29.6	23.4	90	88	76	80	84	86	84	------
29	55.71	55.87	56.65	54.59	55.61	58.34	56.13	25	24	29.9	29.2	29	26.7	27.3	30.6	23.8	92	95	72	77	78	90	84	------
30	56.98	57.28	58.24	56.69	58.22	60.16	57.93	25.6	25	30.1	30.8	26.3	23.8	26.9	32	23.3	92	90	72	69	85	97	84.2	28.5
Mean	55.91	55.93	56.84	55.12	55.68	57.24	56.12	25.1	24.2	28.6	29.3	27.6	26.2	26.8	30.7	23.4	88.1	91.3	75.1	73	80.2	84.8	82.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	208.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SSW	NNW	N	S	57.4	79.9	93.1	42.6	273	10	Ci.-S.	S.-Cu. SW	10	A.-Cu. WSW	Cu.-N.
2	S	S	S	N	NW	Calm	45.4	67.3	89.3	28.7	230.7	8	Ci.-S. SE	S.-Cu.	7	A.-Cu. W	Cu.-N.
3	Calm	SSW	N	NNW	NW	NW	26.9	52.5	135.5	155.9	370.8	10	Ci.-S.	S.-Cu.	8	Ci.-S. E	Cu.-N.
4	NW	W	NW	NW	NW	NW	87.4	102.4	164.1	146.4	500.3	10	Ci.-S. N	S.-Cu.	7	Ci.	Cu.-N.
5	W	SW	NW	NW	S	S	58.1	96.4	123.9	90.4	368.8	4	Ci.	Cu. NNW	6	Ci.	Cu.-N.
6	SE	SE	SW	N	Calm	SE	59.2	57.3	58.2	39.4	214.1	10	A.-Cu. SW	S.-Cu.	8	Ci.	Cu.-N. W
7	S	Calm	SW	NNE	E	SE	42.3	82.7	82.4	39.1	246.5	5	Ci. SE	S.-Cu.	9	Ci.	S.-Cu. W
8	SW	S	S	NNE	ENE	SE	81.3	68.1	71.3	57.3	278	10	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
9	SW	SW	S	NNE	Calm	E	43.5	51.2	57.6	34.6	186.9	0	------------	------------	4	A.-Cu. W	Cu.-N.
10	SW	S	SW	SW	W	SW	53.6	116.9	122.6	76.6	369.7	10	Ci.	Cu.	8	A.-Cu. W	Cu.-N.
11	S	S	S	NE	ENE	E	72.4	51.8	86.6	57.3	268.1	7	Ci.	S.-Cu. SW	4	Ci.	Cu.-N.
12	SW	SW	N	NW	SE	SE	68.2	72.4	81.1	62.2	283.9	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. W
13	S	S	S	N	N	SE	88.5	66	98.5	36.4	289.4	7	Ci. SE	S.-Cu.	7	Ci.-S. SE	Cu.-N.
14	S	S	S	NNE	NE	SE	56	63.4	78.9	54.7	253	1	Ci.-S.	Cu.	7	Ci.-S. E	Cu.-N.
15	SW	SSE	S	NW	NW	N	60.4	41	115.9	67.8	285.1	1	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
16	SW	SW	NNW	N	N	W	56.1	54.7	104.3	54.4	269.5	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NNW
17	SW	S	NNE	NNW	NNW	W	61.8	59.5	111	84.7	317	5	Ci.-S.	S.-Cu. SW	5	Ci.-S.	Cu.-N. NW
18	SW	SW	SW	N	NW	W	78.9	72.1	126.5	88	365.5	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.
19	SW	S	S	ENE	SW	SW	80	103.3	82.4	47	312.7	10	Ci.-S. SE	S.-Cu.	10	A.-Cu. W	Cu.-N.
20	S	SSE	Calm	NE	NE	ENE	80.5	54.9	74.5	48.5	258.4	10	A.-Cu. SW	S.-Cu.	7	Ci.-S. NE	Cu.-N.
21	SW	S	Calm	NE	ENE	NE	51.3	47.7	78.1	57.6	234.7	1	------------	Cu.	8	Ci.-S. E	Cu.-N.
22	E	SW	NE	NE	NE	SE	22	67.6	63.1	56.9	209.6	10	Ci.-S.	Cu.-N. E	10	------------	Cu.-N. NE
23	SW	W	NE	NW	NE	Calm	62.6	71	81.1	36	250.7	7	------------	Cu.-N. NE	10	------------	N.
24	W	Calm	Calm	ENE	Calm	S	41.8	11	24.3	20.3	97.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
25	Calm	S	SSE	NE	ENE	ENE	27.6	55	85.6	119.4	287.6	10	Ci.-S. SE	S.-Cu.	1	Ci.-S.	Cu.-N.
26	NE	Calm	NE	NE	NE	ENE	48.9	50.1	76.2	50.1	225.3	1	------------	S.-Cu.	2	A.-Cu. N	Cu.-N.
27	W	WSW	W	NNW	NNW	NW	63.4	55.3	100.1	106	824.8	10	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu.-N.
28	SW	WSW	NW	NW	NW	Calm	74.2	62.2	114.6	66.2	317.2	4	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
29	W	S	SSW	NW	NW	Calm	41.3	57.6	120.7	43.8	263.4	7	Ci.-S. SW	S.-Cu.	8	A.-Cu. W	Cu.-N.
30	S	S	SSE	NE	SW	SW	41.2	47.7	73	81.5	243.4	8	A.-Cu. SW	S.-Cu.	8	A.-Cu. S	S.-Cu.
Mean	------	------	------	------	------	------	57.7	64.6	92.5	65	279.8	7.1	------------	------------	7.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,395.5	----	------------	------------	----	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

OCTOBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.25	59.53	60.45	58.54	59.38	61.31	59.74	23.2	23.7	25.2	25	25	25	24.5	26.6	23	97	94	90	92	90	90	92.2	41.5
2	59.73	59.66	60.60	59.56	60.11	61.25	60.15	24.9	25	24.8	26.9	26.2	25.7	25.6	27.5	23.7	92	90	93	82	82	86	87.5	87.9
3	60.48	60.75	61.74	60.38	60.52	61.94	60.97	25.3	24.2	25	28.1	26.3	25.3	25.7	28.7	23.4	88	95	93	79	80	85	86.7	8.9
4	60.53	60.73	61	58.98	59.23	61.01	60.25	24.4	23.7	28	29.2	27	25.9	26.4	31.7	23.5	90	94	80	76	81	85	84.3	------
5	59.91	60.01?	61.46	59.54	59.74	61.40	60.34	24.9	23.9	29.6	30.4	28	26.5	27.2	31.5	23.7	86	92	68	63	76	83	78	------
6	61.03	61.16	61.96	60.19	60.05	61.31	60.95	24.5	23.9	29.2	30.4	27.6	25.5	26.8	31.2	23.7	87	91	67	61	79	84	78.2	------
7	60.31	60.82	61.55	59.64	59.60	61.48	60.57	24.5	23.2	29.1	29.6	28	26.2	26.8	31.4	23	87	93	69	72	79	85	80.8	------
8	61.21	61.86	62.23	60.43	60.96	62.86	61.59	25.4	24	30	30.5	27.8	27	27.4	30.9	23.8	84	90	73	68	74	77	77.7	------
9	61.94	62.09	62.96	60.60	61.04	62.69	61.89	26.1	24.6	29	30	27.8	24.8	27	30.6	24.4	83	92	68	65	71	85	77.3	------
10	61.54	61.94	62.69	60.50	61.41	62.21	61.72	25	24.9	28.3	29	25.8	24.3	26.2	29.8	24	88	87	75	71	85	93	83.2	17
11	60.80	60.95	61.69	59.68	60.29	61.26	60.78	24.2	24	27.9	28.9	26.2	25.6	26.1	29.9	23.5	95	95	74	65	72	75	79.2	1.1
12	60.54	60.93	61.86	60.13	60.60	61.61	60.94	24.9	25.1	27.9	27.9	25.8	25	26.1	29.5	24.2	76	75	63	61	69	74	69.7	------
13	61.51	62.01	62.70	60.99	61.51	62.85	61.93	24.5	24	27.1	28	26.2	25.5	25.9	29.6	23.4	76	80	72	61	63	68	70	------
14	62.33	62.80	63.49	61.39	61.81	62.77	62.43	24.5	22	27.3	29	26.2	25.1	25.7	29.9	21.8	73	91	70	62	73	78	74.5	------
15	62.05	62.25	63.49	60.80	61.08	62.60	62.04	24.2	23	25.2	28.3	26.2	24.1	25.2	29.5	22.6	82	88	82	68	73	82	79.2	------
16	61.42	61.71	63.27	61.09	61.31	62.99	61.96	22.8	22.2	26.9	28	26.4	24.8	25.2	30	22	89	93	75	69	78	83	81.2	------
17	62.62	63.23	64.12	61.79	61.96	63.56	62.88	23.2	22.2	27.6	29.5	26.5	26	25.8	30.2	22	90	95	73	64	68	70	76.7	------
18	62.68	63.02	63.34	61.42	61.88	63.46	62.63	24.2	22.2	28.6	30.2	26.1	24.4	26	30.8	22	82	95	66	69	71	80	77.2	------
19	61.95	62.19	62.75	60.47	60.75	62.70	61.80	23.6	22.5	29	29.8	27.3	27.5	26.6	30.4	22	85	92	68	69	75	75	77.3	------
20	61.50	61.76	62.79	60.89	61.34	63.15	61.90	26	23.8	28.9	29.8	27	26.5	27	30.6	23	79	91	71	72	81	82	79.3	------
21	62.46	62.66	63.96	61.54	61.64	63.46	62.62	25.4	25	28.2	29.9	27.7	26.6	27.1	30.8	25	88	92	76	71	79	81	81.2	------
22	62.86	63.06	64.37	62.17	62.66	63.87	63.16	25.2	24.5	26.4	29.6	26	24.3	26	30.7	23.6	88	91	85	64	69	81	79.7	------
23	62.53	62.93	63.78	61.63	62.66	64.43	62.99	23.1	22.2	30.1	30.1	27.2	26.1	26.5	31.2	22	87	93	63	62	67	70	73.7	------
24	63.93	64.18	64.72	62.50	63.11	64.60	63.84	24.3	22.5	29.6	30.4	26.4	25.3	26.4	31	22.1	79	92	66	60	79	81	76.2	------
25	63.21	64.03	64.77	62.84	63.54	64.40	63.80	23.8	22.8	28.6	27.2	25.1	24.2	25.3	29.9	22.5	86	91	72	80	89	90	84.7	------
26	62.82	63.30	63.71	61.19	61.66	62.96	62.61	23.2	23	28.9	28.6	25.9	25.3	25.8	30.1	22.6	93	95	71	66	80	84	81.5	2.5
27	62.20	62.53	63.59	60.97	61.76	62.77	62.30	24.2	23.5	24.9	24.6	24.5	23.8?	24.2	26.2	22.6	91	96	92	92	92	91	92.3	7.6
28	62.16	63.01	64.40	61.74	61.83	63.36	62.75	23.1	22	25.9	27.9	25	24	24.6	28.2	21.2	92	95	83	74	87	81	85.3	4.6
29	62.07	62.86	63.69	60.88	60.91	63.04	62.24	22.1	21.6	27.8	29.6	26.2	24.2	25.2	30.9	21.4	87	91	69	63	78	86	79	------
30	62.26	62.58	63.70	61.18	62.24	63.76	62.62	22.8	21.2	27	28.3	25.8	24.9	25	29.8	20.6	89	93	77	69	82	83	82.2	------
31	63.17	63.44	64.65	62.67	63.45	65.07	63.74	23	22	28.5	27	26	24.8	25.2	29.4	21.6	91	95	67	80	82	85	83.3	5.6
Mean	61.71	62.06	62.95	60.85	61.29	62.78	61.94	24.2	23.3	27.8	28.8	26.4	25.3	26	30	22.8	86.5	91.5	74.5	70	77.5	81.7	80.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	176.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SW	NE	NE	N	N	39.9	26.9	107	60.9	234.7	10	Ci.-S.	S.-Cu.	10	------------	N. NE
2	NE	NE	NE	NE	NE	NE	101.4	114.1	125.3	105.9	446.7	10	------------	Cu.-N. NE	10	------------	Cu.-N. NE
3	NE	NE	E	NE	NNE	N	92.8	80.5	81.6	55.2	310.1	10	------------	N. NE	5	Ci.-S.	Cu.-N. NE
4	SW	S	S	ENE	SE	SE	58.4	51.2	64.7	37	211.3	10	------------	Cu.-N. NE	8	A.-Cu. W	Cu.-N.
5	SE	SE	SE	NE	E	Calm	52.9	68.1	77.9	24.4	223.3	6	Ci.-S. N	S.-Cu.	1	------------	Cu.-N.
6	SW	S	S	NE	ENE	Calm	29.8	41	99.5	------	------	0	------------	------------	1	------------	Cu.-N.
7	SW	SW	SE	NE	ENE	Calm	------	65	83.4	36.7	------	0	------------	------------	2	A.-Cu. S	Cu.-N.
8	SW	Calm	SE	NE	NE	ENE	19.9	34.8	100.4	105.6	260.7	7	------------	Cu.-N. SE	1	------------	Cu.-N.
9	NE	S	Calm	NE	ENE	Calm	56.6	85.1	87.7	69.7	249.1	1	------------	Cu.-N.	1	------------	Cu.-N.
10	NE	E	ESE	ENE	E	SE	48.8	44.9	83.2	47.2	224.1	10	A.-Cu. E	S.-Cu.	8	A.-Cu. E	Cu.-N.
11	S	SE	E	ENE	NE	ENE	41.5	58.2	80.5	54.1	234.3	9	------------	Cu.-N. NE	1	------------	Cu.-N.
12	NE	ENE	ENE	ENE	ENE	E	81.1	103.3	110.7	103	398.1	7	A.-Cu. SE	S.-Cu.	10	A.-Cu. W	S.-Cu.
13	E	SE	SE	NE	ENE	E	56.6	63.1	99.3	88.3	307.3	10	------------	S.-Cu. E	8	A.-Cu. W	Cu.-N.
14	E	SW	SSW	NE	ENE	ENE	43.1	32.2	68.6	76.7	220.6	3	A.-Cu. E	S.-Cu.	1	------------	Cu.-N.
15	SE	S	S	ENE	ENE	SW	62.6	77.9	87.2	59.2	286.9	8	A.-Cu. E	S.-Cu.	1	------------	Cu.-N.
16	SW	S	SE	NE	E	SW	38.3	33.5	39.2	28.7	139.7	8	A.-Cu. E	S.-Cu.	5	A.-Cu. E	Cu.-N.
17	SW	SW	N	NE	ENE	ENE	34.1	38.9	108.4	97.2	278.6	0	------------	------------	1	------------	Cu.-N.
18	S	S	E	NE	E	Calm	38.6	50.5	97.6	40.4	227.1	0	------------	------------	1	------------	Cu.-N.
19	Calm	S	Calm	NE	E	ENE	33	38.6	97.2	68.6	237.4	0	------------	------------	0	------------	------------
20	SW	SW	ENE	ENE	ENE	ENE	34.6	36.4	122.9	105.7	299.6	10	------------	S.-Cu. E	0	------------	------------
21	SE	S	S	NE	ENE	ENE	27.4	35.1	83.7	68.2	214.4	2	------------	Cu.-N.	1	A.-Cu.	Cu.-N.
22	S	SE	Calm	ENE	ESE	Calm	13.4	33.3	109.1	32.7	188.5	9	------------	S.-Cu. E	0	------------	------------
23	S	S	SE	ENE	E	SE	38.8	52.5	88.2	50.2	229.7	0	------------	------------	1	------------	Cu.-N. SE
24	S	SW	SE	E	E	E	31.4	50.7	93.6	83.5	259.2	2	------------	S.-Cu. E	4	------------	Cu.-N. SE
25	SE	S	NE	SSE	SW	SW	23.3	57.9	60.9	56.9	199	4	------------	S.-Cu. E	9	------------	Cu.-N. E
26	S	SW	ENE	ENE	ENE	E	49.3	63.4	138.4	59.8	310.9	10	------------	S.-Cu. E	8	------------	Cu.-N. E
27	S	SE	E	E	E	SE	38.1	57.4	48.6	42.8	186.9	10	------------	N. E	10	------------	Cu.-N. SE
28	S	S	E	NE	SE	SE	33.8	31.6	45.6	34.6	145.6	0	------------	------------	5	------------	Cu.-N.
29	SE	S	SSE	NE	E	SW	63.8	92.8	63.9	30.3	250.8	0	------------	------------	1	Ci.	Cu.-N.
30	S	SSE	S	NE	E	SE	34.8	61.5	70.8	48.3	215.4	8	Ci. NW	Cu.	7	------------	Cu.-N. SE
31	S	SW	SE	S	ENE	SE	30.1	51.3	62	73.5	216.9	6	------------	S.-Cu. E	10	------------	Cu.-N. E
Mean	------	------	------	------	------	------	44.9	54.2	86.7	61.5	248.5	5.5	------------	------------	4.2	------------	------------

APARRI.

[$\phi = 18^\circ\ 22'$ N; $\lambda = 121^\circ\ 38'$ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

NOVEMBER, 1914.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.86	64.28	64.69	62.43	62.95	64.10	63.72	23	22.6	28	29.1	26.2	25.1	25.7	29.6	22.4	95	95	73	72	73	78	81	------
2	62.46	62.64	63.46	61.29	62.19	63.34	62.56	22.7	22.3	28.6	29.5	26.4	24.4	25.6	30.5	20.6	92	92	69	68	79	87	81.2	------
3	61.92	61.68	61.77	59.81	59.69	61.24	61.02	22.7	22.5	28.3	28.6	26.6	23.7	25.4	30.4	21.6	92	94	69	73	84	85	82.8	------
4	60.40	60.86	61.72	59.35	60.01	61.81	60.69	23.5	22.2	27.3	29.6	27	26.2	26	31.5	21.7	85	93	68	64	78	82	78.3	------
5	60.71	60.96	61.96	60.16	60.85	61.86	61.08	23.8	22.5	28.2	29	26.8	26	26	30	22.1	90	94	73	68	81	84	81.7	------
6	60.38	60.63	61.26	59.45	60.13	61.39	60.54	24.6	23	28.5	29.9	27.1	25.5	26.4	31.7	22.6	92	95	73	67	81	88	82.7	------
7	60.32	61.16	61.86	60	60.64	62.50	61.08	24.5	23.1	28.8	28.6	26.1	24.2	25.9	30.4	22.8	91	96	68	72	86	95	84.7	7.6
8	60.61	60.88	61.06	58.85	59.56	60.49	60.24	23.1	22.6	27.5	30.4	26.5	24.6	25.8	31.4	22.4	96	95	78	64	79	87	83.2	------
9	59.95	60.46	60.99	59.21	60.63	61.51	60.46	24	23.5	29.4	29.1	26.8	22.3	25.8	30.6	21.6	90	90	68	77	78	88	81.8	1.5
10	60.99	61.32	62.35	60.34	61.01	62.61	61.44	21.8	21.1	25.6	27.8	26.2	25	24.6	28.5	20.6	89	92	81	78	81	83	84	2.3
11	61.37	61.62	62.06	59.53	60.24	61.49	61.05	23.2	23	27.2	27.4	26.3	24.7	25.3	28.7	22.6	95	95	76	75	80	83	84	------
12	60.15	60.81	61.52	59.59	59.84	61.69	60.60	22.8	22.5	26.9	28	26	24.4	25.1	29.6	22.2	93	94	75	74	73	83	82	------
13	60.35	60.66	61.21	58.98	59.61	61.09	60.32	24.1	23.4	28.7	30.4	27	25.3	26.5	31.9	22.7	82	86	69	64	72	80	75.5	------
14	60.01	60.53	61.52	59.10	59.76	61.14	60.34	23.8	23	28.2	31.5	26.6	25.5	26.4	32.1	22.7	83	86	66	54	78	81	74.7	------
15	59.68	60.43	61.35	58.94	59.71	61.10	60.20	24	23	28.4	30	27	24.8	26.2	31.4	22.6	90	95	72	66	72	82	79.5	------
16	60.26	60.96	61.69	58.55	59.10	60.61	60.20	23.4	22.4	28.8	29	26.6	25.3	25.9	30.2	22.1	88	93	63	67	83	86	80	------
17	59.38	59.65	60.45	58.33	59.01	60.06	59.48	23.9	22.8	29.1	29.9	27.2	26.5	26.6	31.9	22.4	87	91	68	65	78	80	78.2	------
18	59.14	59.48	60.56	58.49	59.07	60.56	59.55	24.9	23.6	27.1	29	27	25.3	26.2	29.6	23.4	87	95	81	74	78	83	83	------
19	60.41	60.76	61.61	59.40	59.99	61.01	60.53	24.1	23	28.4	28.9	27	24.9	26	30.6	21.8	87	90	68	68	81	86	80	------
20	60.22	60.77	61.22	59.38	60.14	61.66	60.56	23	22.5	28.2	28.9	27.3	26	26	31.9	22.2	90	92	70	70	81	84	81.2	------
21	61.18	61.67	62.82	60.85	61.36	62.20	61.68	24.5	23.5	26.8	27.2	25.7	24.1	25.3	28.2	23.2	91	94	71	73	78	89	82.7	5.4
22	61.56	62.27	63.65	60.99	61.76	62.65	62.15	24.8	24.8	25	26.8	24.3	24	25	27.2	23.1?	82	80	82	73	87	88	82	9.1
23	61.43	61.52	62.32	59.56	59.56	61.22	60.94	23.6	23.1	25	27	25.6	24.7	24.8	28.1	22.6	91	96	91	80	85	94	89.5	1.8
24	60.88	61.12	61.80	59.65	60.41	61.60	60.91	24.5	23.1	28.7	28.4	26.5	25.2	26.1	31	22.8	91	97	71	75	80	85	83.2	------
25	60.71	60.98	61.62	60.25	61.27	63.09	61.32	23.9	22.8	27	27.8	26.1	25.4	25.5	29.2	22.4	91	93	78	76	80	85	83.8	------
26	61.96	62.22	63.62	61.18	61.84	63.89	62.45	24.7	23.2	28	28.2	26.2	25.5	26	29.4	22.5	86	95	74	72	78	81	81	.3
27	62.96	63.21	64.62	62.51	64.07	64.79	63.69	25.1	25.5	26.7	27	24	24	25.4	27.9	22.7	83	80	80	79	90	88	83.3	17.3
28	63.28	63.80	64.32	61.70	63.26	64.33	63.45	24	23	23.2	23.3	22	22	22.9	24.6	21.5	88	95	93	95	95	95	93.5	141.4
29	62.28	61.89	63.28	60.97	61.74	62.80	62.16	22.2	23.5	26.6	27.3	25.5	24.5	24.9	28.4	21.7	95	94	83	72	83	84	85.2	------
30	61.88	61.98	63.11	61	61.80	63.09	62.14	22.9	22	27	27	24.5	24.9	24.7	29.1	21.6	90	95	80	77	92	89	87.2	------
Mean	61.02	61.37	62.18	59.99	60.71	62.03	61.22	23.7	23	27.5	28.5	26.1	24.8	25.6	29.9	22.2	89.4	92.4	74.4	71.7	80.8	85.4	82.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	186.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	6 a.m.	Noon.	6 p.m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	NE	ENE	E	34.1	30	96.6	73.4	234.1	7	------	S.-Cu. SE	7	A.-Cu. S	Cu.-N.
2	Calm	S	S	NE	ENE	E	40.8	71.4	87.9	62	262.1	0	------	------	1	------	Cu.-N.
3	Calm	Calm	S	NE	ENE	Calm	15.6	24.1	67.3	37.2	144.2	0	------	------	7	------	Cu.-N. SE
4	S	S	SE	ENE	NE	SW	57.7	104.6	61.5	41.2	265	0	------	------	0	------	------
5	SW	SW	Calm	NNE	NE	Calm	43.3	36.5	63.1	29.3	172.2	0	------	------	0	------	------
6	SW	SW	SSW	NE	NE	E	44.8	37	79.9	38.6	200.3	1	------	Cu.-N.	1	------	Cu.-N.
7	Calm	Calm	NE	NE	E	S	21.5	27.4	75.6	29.8	154.3	2	A.-Cu.	Cu.-N.	8	A.-Cu. S	Cu.-N.
8	S	S	SE	SE	E	SE	30.9	84.7	60.7	89.9	216.2	0	------	------	8	Ci.-S.	Cu.-N. SSE
9	SW	S	S	NNE	E	SW	48	48.3	62.8	60.9	220	1	------	S.-Cu.	1	A.-Cu. S	Cu.-N.
10	SE	SW	Calm	NE	ENE	E	38	23.8	89.5	63.3	214.6	10	A.-Cu. E	S.-Cu.	4	------	Fr.-Cu.
11	SW	W	SW	ENE	ENE	Calm	39.4	26	72.7	45.7	183.8	10	------	S.-Cu. E	8	A.-Cu. E	Cu.-N.
12	SW	Calm	SE	NE	E	Calm	32.2	45.6	75.6	24.3	177.7	1	------	S.-Cu.	9	A.-Cu. SE	S.-Cu.
13	Calm	SE	S	E	E	S	29	90.1	62.8	31.4	213.3	10	------	S.-Cu. E	6	A.-Cu. W	Cu.-N.
14	SE	S	SE	S	Calm	SW	71.9	90.7	47.8	17.7	228.1	0	------	------	2	Ci.-S.	Cu.-N.
15	SW	SW	SE	NE	E	Calm	24.7	60.7	79.5	45.7	210.6	0	------	------	1	------	Cu.-N.
16	SW	SW	S	NE	ENE	Calm	30.6	28.7	72.6	20.1	152	0	------	------	0	------	------
17	SW	S	SE	NE	NE	N	29.6	65.4	70.2	28.7	193.9	0	------	------	1	------	Cu.-N.
18	Calm	WSW	NW	NNE	ENE	SW	27.6	40	75.3	35.7	178.6	1	------	Cu.-N.	1	------	Cu.-N.
19	SW	S	S	NE	NE	SW	34.8	54.1	69.8	36	194.7	0	------	------	0	------	------
20	S	SE	S	NNW	NNW	Calm	56.9	95	75	28	254.9	0	------	------	0	------	------
21	W	W	NW	NNW	NE	ENE	33.6	50.1	62.5	92.3	238.5	8	------	Cu.-N. N	2	Ci.	Cu.-N.
22	NE	ENE	ENE	E	ENE	E	137.4	130.4	132.3	98.4	498.5	10	------	S.-Cu. E	8	------	Cu.-N. ENE
23	Calm	E	E	NE	E	S	56.8	62.5	49.9	30.6	199.8	10	------	N. E	8	A.-Cu. SW	Cu.-N.
24	SW	SW	S	NNW	N	N	42.1	39.9	87.9	43.5	213.4	10	Ci.	Cu.	3	------	Cu.-N.
25	NW	W	NNW	NE	ENE	E	46.4	19	67.4	72.9	205.7	8	A.-Cu. SW	S.-Cu.	7	A.-Cu. E	Cu.-N.
26	S	Calm	Calm	NE	ENE	E	30.9	22.5	79.9	85	218.3	10	Ci.-S. SW	S.-Cu.	9	Ci.-S. SW	Cu.-N.
27	E	ENE	ENE	NE	ENE	E	44.5	95	109.1	113.8	362.4	10	------	Cu.-N. NE	10	------	S.-Cu. NE
28	ENE	ENE	ENE	ENE	ENE	ENE	182	116.9	------	------	------	10	------	N. NE	10	------	N. NE
29	ENE	ENE	ENE	NE	ENE	E	------	------	62	43.1	------	10	------	N. E	1	Ci.	Cu.-N.
30	Calm	SE	Calm	E	Calm	SE	17.4	29.6	64.9	31.9	143.8	8	A.-Cu. SE	S.-Cu.	10	------	S.-Cu.
Mean	------	------	------	------	------	------	46.3	56.9	74.6	48.3	219.7	4.6	------	------	4.4	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

DECEMBER, 1914.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.16	62.31	62.69	60.39	60.94	62.82	61.88	23.7	23.5	26.4	28	26.4	25.2	25.5	29.6	23	94	92	83	77	87	93	87.7	------
2	62.72	63.11	63.91	61.43	62.10	63.11	62.73	23.5	22.4	28.3	28.2	26	25.2	25.6	29.2	22	92	95	75	77	84	87	85	------
3	62.03	62.32	63.02	61.11	61.16	62.20	61.97	23.8	23	26.5	25.3	25.7	25	24.9	28.6	22.6	93	95	82	93	89	93	90.8	2.5
4	60.81	60.96	61.85	59.30	59.66	60.96	60.59	23.9	22.4	27.8	28.7	26.9	25	25.8	30.6	22.1	94	95	78	72	85	95	86.5	------
5	59.98	60.10	60.84	58.56	59.33	60.99	59.97	24.3	22.7	29.5	28.7	26.8	25.2	26.2	30.2	22.5	96	96	71	73	86	93	85.8	------
6	60.65	61.07	61.76	60.11	60.84	62.04	61.08	24.1	23	27	28.3	26.5	25.6	25.8	29.2	22.6	95	96	81	77	79	82	85	------
7	61.14	61.50	62.87	60.38	61.11	62.39	61.56	24.8	23.4	27.4	28.6	25.5	25	25.8	29.4	22.8	87	90	74	70	81	83	80.8	.5
8	61.61	61.78	62.60	60.32	60.82	61.66	61.46	22.8	22.8	26.4	26.1	25.1	24	24.5	28.4	22	97	95	82	83	89	91	89.5	2.8
9	61.60	62.73	63.56	61.24	61.55	62.31	62.16	23.9	22	24.6	27	24.5	23.1	24.2	28	21.6	92	93	87	78	91	92	88.8	------
10	61.62	61.88	63.06	60.90	61.70	62.41	61.93	22.7	22.2	24.6	26.2	23.8	23.3	23.8	27.3	22	92	93	87	82	95	95	90.7	2.6
11	61.38	61.71	62.52	60.14	60.46	61.91	61.35	23.1	23	27.6	28.8	25.8	24.1	25.4	30.6	22.5	95	95	74	71	75	82	82	------
12	61.21	61.36	62.55	60.65	62.10	63.86	61.96	22.7	21.8	27.9	27.5	23.8	23.2	24.5	28.7	21.3	89	93	71	76	91	93	85.5	10.1
13	62.93	63.06	64.71	62.74	63.67	64.90	63.67	23.1	22.6	23	23	22.1	22.1	22.6	24.3	21.5	92	93	90	87	88	88	89.7	14.7
14	63.87	63.53	64.57	62.17	63.13	64.01	63.55	22	22.3	23	23.3	22.9	22.8	22.7	24.6	21.4	88	90	91	85	87	88	88.2	2.1
15	62.66	62.24	63.28	61.16	61.81	63.21	62.39	22.9	23.4	25.2	25.6	24.7	23.4	24.2	26.7	21.8	89	86	81	82	84	91	85.5	.8
16	62.27	62.41	63.70	61.29	62.06	63.24	62.50	23	22.2	26.7	27.3	25.7	24.8	25	29.4	21.8	91	95	75	74	83	87	84.2	------
17	62.07	62.41	63.40	60.90	61.91	63.26	62.32	23.9	23.1	26.2	29.6	26.2	25.3	25.7	30.5	22.6	92	94	78	71	85	89	84.8	------
18	62.02	62.30	63.81	62.15	62.82	63.67	62.80	25	24	26.6	25	24.1	24	24.8	28	23.5	90	95	87	92	81	83	88	5.4
19	62.11	62.51	64.42	62.80	63.11	63.83	63.13	24	24	26.1	26	24.5	24.1	24.8	27.5	23.3	81	81	75	76	75	74	77	.5
20	62.73	62.98	63.83	61.66	62.24	62.73	62.70	23.2	20.7	26.3	26.7	24.5	22.9	24	27.4	20.5	80	94	74	75	82	92	82.8	------
21	61.61	61.87	62.68	59.59	60	61.10	61.14	22.1	21	26	28	25.2	23.9	24.4	29.2	20.7	92	95	78	71	87	87	85	------
22	60.21	60.44	60.95	58.62	59.55	60.79	60.09	22.5	21.8	26.9	28	25.8	24.6	24.9	30.4	21.6	92	93	72	68	84	87	82.7	------
23	60.41	61.52	63.10	61.21	61.92	63.27	61.90	23.9	24	26	26.4	25.2	24	24.9	27.5	22.6	87	81	72	73	80	85	79.7	2.1
24	62.91	63.28	64.06	61.77	62.41	63.50	62.99	23.2	22.6	25.6	25.4	24	23.2	24	26.6	22.4	88	89	81	83	91	95	87.8	2.3
25	62.33	62.51	63.52	60.86	62.18	64.05	62.58	23	22.8	24.6	29	27.5	25.2	25.4	29.6	22.6	95	95	92	68	73	80	83.8	------
26	63.08	63.41	64.38	61.98	63.16	64.02	63.34	23.3	23.1	27.1	28.1	26.1	25.3	25.5	29.1	22.8	89	89	75	68	80	84	80.8	10.7
27	63.02	63.65	65.13	61.94	62.34	63.46	63.26	25	23.5	24	25.6	25.2	23.7	24.5	26.5	22.8	85	92	93	86	88	92	89.3	9.4
28	62.61	63.51	64.54	62.74	63.71	64.26	63.56	22.6	22	26.1	26.6	22.6	23.5	23.9	28.4	21.8	95	95	72	77	91	84	85.7	4.9
29	63.28	63.56	64.49	61.84	61.92	62.56	62.94	23.8	23.8	25.3	25	22.4	22.2	23.8	26.4	21.8	81	81	78	80	86	88	82.3	1.8
30	61.21	62.02	63.38	60.87	60.82	62.31	61.77	22.3	21.5	26	26.3	24.2	23	23.9	28.2	21.3	88	95	73	75	82	86	83.2	------
31	61.81	62.44	63.62	60.94	61.87	62.60	62.21	22	21.2	26	28.1	25	24.2	24.4	29.6	20.6	91	95	76	71	80	85	83	------
Mean	61.94	62.27	63.32	61.02	61.69	62.82	62.18	23.4	22.6	26.2	26.9	25	24.1	24.7	28.4	22.1	90.4	92.1	79.3	77.1	84.5	87.9	85.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	73.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	SE	NE	E	E	22.8	34.9	62	68.6	188.3	10	------------	Cu.-N.	1	------------	Cu.-N.
2	SE	S	E	ENE	ENE	E	19.8	33.2	93.8	42.3	189.1	1	------------	S.-Cu.	1	A.-Cu. SE	Cu.-N.
3	Calm	Calm	Calm	Calm	ENE	Calm	3.4	11.5	30	19.5	64.4	5	------------	Cu.-N. SE	10	------------	Cu.-N.
4	Calm	Calm	Calm	ENE	E	Calm	7	23.3	73.4	23.5	127.2	0	------------	------------	0	------------	------------
5	S	Calm	SE	NE	ENE	S	25.7	38.6	72.4	38.3	175	0	------------	------------	1	------------	Cu.-N.
6	Calm	Calm	NW	NE	NE	ENE	10.5	24.3	90.1	95.6	220.5	0	------------	------------	0	------------	------------
7	SE	Calm	ENE	ENE	ENE	E	32.5	29	123.9	78.9	264.3	1	------------	S.-Cu.	0	------------	------------
8	SE	S	S	ENE	E	S	31.7	44	99.5	28.2	203.4	10	------------	Cu.-N. SE	9	A.-Cu. E	Cu.-N.
9	Calm	Calm	E	E	Calm	Calm	56.1	27.6	67.1	33	183.8	10	------------	N.	9	A.-Cu. SW	S.-Cu.
10	SE	SE	SE	E	SE	S	45.9	45.1	60.9	30.9	182.8	7	A.-Cu. SE	S.-Cu.	10	A.-Cu. SE	Cu.-N.
11	S	S	S	NE	E	S	59.2	94.4	74.2	40.5	268.3	10	------------	S.-Cu. SE	1	------------	Cu.-N.
12	SW	SW	SW	NE	E	ENE	37.8	40.4	89.1	123.6	290.9	0	------------	------------	8	A.-Cu. SE	S.-Cu.
13	NE	NE	ENE	NE	NE	NE	177	171.9	145.8	132.3	627	10	------------	N. NE	10	------------	S.-Cu. NE
14	NE	NE	NE	ENE	E	ENE	118	126.9	137.8	116.2	498.9	10	------------	S.-Cu. NE	10	------------	N. NE
15	E	E	ESE	ENE	E	Calm	81.6	49.7	83.2	23.6	238.1	10	A.-Cu. SW	S.-Cu.	10	A.-Cu. SE	S.-Cu.
16	SE	SE	S	NE	ENE	S	15.8	59.5	60	34.9	170.2	1	------------	S.-Cu.	6	A.-Cu. SW	Cu.-N.
17	SW	S	S	NE	NE	N	16.4	53.4	70.8	48.3	188.9	10	A.-Cu. SW	S.-Cu.	1	A.-Cu.	Cu.
18	N	NW	NNE	NNE	NE	NE	41.5	59.2	80.8	89.8	271.3	10	------------	Cu.-N. NNE	10	------------	S.-Cu. NE
19	NE	NE	NE	NE	ENE	ENE	108.4	111.6	110.7	114.9	445.6	10	------------	S.-Cu. NE	9	A.-Cu. N	Cu.-N. NE
20	E	SW	NE	ENE	E	SE	53.7	30	100.4	39.9	224	0	------------	------------	1	Ci.-S.	Cu.-N.
21	SE	SE	S	ENE	E	E	36.7	63.8	50.9	28.2	179.6	0	------------	------------	7	Ci.	Cu.
22	NW	NW	S	N	N	Calm	57.4	82.1	53	22.8	215.3	0	------------	------------	9	Ci.	Cu.
23	N	N	N	N	ENE	ENE	44.9	76.7	71.8	119.1	312.5	7	A.-Cu. SW	Cu.-N.	1	------------	Cu.-N.
24	E	E	ESE	E	E	Calm	90.4	56.1	59.3	16.3	222.1	10	------------	S.-Cu. ENE	10	------------	Cu.-N. SE
25	Calm	SE	S	SE	N	NW	21.1	91.5	74.8	73.4	260.8	8	A.-Cu. S	S.-Cu.	5	A.-Cu. SE	Cu.-N.
26	Calm	Calm	Calm	NE	NE	NE	13.2	30.8	49.4	82.4	175.8	10	------------	S.-Cu. E	1	A.-Cu.	Cu.-N.
27	E	E	Calm	N	NE	S	100.1	27.2	61	47	235.3	10	------------	Cu.-N. NE	10	A.-Cu. S	Cu.-N.
28	SW	SW	S	N	N	NE	40.8	67	107.8	78.7	294.3	10	------------	S.-Cu. E	1	------------	Cu.-N.
29	NE	NE	NE	NE	ENE	E	115.4	120.1	123.6	93.3	452.4	10	------------	Cu.-N. NE	10	------------	Cu.-N. NE
30	NE	SW	SW	NE	E	E	48.5	56.1	83.4	49.1	237.1	10	------------	S.-Cu. E	1	------------	Cu.-N.
31	SW	SW	S	NE	ENE	Calm	29.8	56	60.6	30	176.4	0	------------	------------	0	------------	------------
Mean	-----	-----	-----	-----	-----	-----	50.4	59.2	81.3	60.1	251.1	6.1	------------	------------	5.2	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,783.6	----	------------	------------	----	------------	------------

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1914.

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.93 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.74	59.65	22.4	28.7	96	72	Calm	NNE 2	7	7	------
2	60.40	60	22.5	28.6	96	73	Calm	NbyE 1	8	6	------
3	60.51	59.36	24.1	28.9	97	76	Calm	NNE 3	10	7	------
4	60.74	59.85	22.1	29.8	95	67	Calm	NEbyN 3	7	6	------
5	61.83	60.50	23.2	29	93	76	Calm	NNE 2	6	8	------
6	61.29	60.39	23.3	29	96	77	Calm	NNE 3	8	4	------
7	61.58	60.81	26.8	28.8	77	71	NE 3	NNE 2	9	7	------
8	62.24	61.24	25.6	29.1	80	65	NE 2	NNE 2	8	4	------
9	62.58	61.56	21.5	28.4	94	70	Calm	NbyE 3	9	4	------
10	61.77	61.25	22.4	27.7	94	75	Calm	NbyE 2	10	10	0.8
11	61.27	60.64	25.4	27.9	81	67	NEbyN 3	NE 4	6	4	------
12	60.63	59.22	25.3	26.6	78	80	NNE 2	NNE 3	8	10	1
13	60.23	58.89	22.9	27.9	97	80	Calm	NNE 1	9	6	------
14	59.82	59.30	23.2	27.8	96	78	Calm	NNE 2	6	6	------
15	59.94	58.61	25.9	28.7	87	78	NE 2	NNE 3	9	8	------
16	60.14	59.58	23.8	28.4	95	77	Calm	NNE 2	8	6	1.8
17	60.56	59.43	26.1	28.3	82	76	NE 3	NW 2	10	10	------
18	60.53	59.04	21.9	28.6	96	75	Calm	NE 2	7	2	------
19	59.32	57.56	25.2	27.5	92	84	NNE 1	NNE 1	7	9	------
20	59.13	57.69	25.8	28.3	85	77	NE 2	NNE 2	10	9	------
21	58.11	56.94	25.4	28.8	95	78	Calm	NNE 3	10	5	------
22	58.19	57.71	24.9	28.4	93	80	Calm	N 2	10	7	------
23	58.45	57.86	22.7	27.5	96	79	Calm	NNE 3	10	7	------
24	58.43	57.65	24.3	27.6	95	80	Calm	NNE 4	10	8	------
25	57.67	57.75	25.5	27.6	87	76	NE 1	NEbyN 3	10	9	------
26	58.29	58.16	22.3	28.3	94	76	Calm	NbyE 2	7	5	------
27	59.53	58.52	25.4	27.8	93	82	Calm	N 1	10	6	.8
28	59.13	58.08	25.1	28	93	77	Calm	NbyE 1	10	6	------
29	58.54	58.05	23.1	27.7	95	80	Calm	NNE 2	8	9	------
30	58.73	57.65	22.3	28.2	95	77	Calm	NNE 2	7	7	2.5
31	59.07	58.19	23.3	25.4	94	91	Calm	NW 1	10	10	16
Mean	59.98	59.07	24	28.2	91.5	76.5	0.6	2.2	8.5	6.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	22.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.39	57.94	23	25.9	95	86	Calm	Calm	10	9	0.5
2	58.37	57.66	21.9	27.9	96	75	Calm	NNE 1	10	8	------
3	58.55	57.97	23.7	27.7	95	79	Calm	NNE 3	7	6	------
4	58.22	57.36	24	28.8	92	76	Calm	NbyE 3	10	6	------
5	57.79	57.75	23.9	27.5	95	80	Calm	NNE 1	10	10	------
6	58.63	58.36	23.3	28	94	77	Calm	NbyE 3	7	6	------
7	58.79	58.01	22.2	28	96	70	Calm	NNE 2	7	5	------
8	59.39	59.35	22.3	27	94	74	Calm	NEbyN 1	10	9	------
9	59.23	59.28	21.9	27	95	80	Calm	NNE 4	8	10	------
10	59.34	58.68	24.9	28.3	89	77	NE 1	NNE 2	7	7	------
11	59.73	59.75	24.1	28.3	91	71	NNE 1	NNE 4	7	10	------
12	60.21	60.07	25.4	28.2	81	68	NNE 3	NNE 4	10	5	------
13	60.55	60.13	21.4	28	91	77	Calm	NNE 2	7	6	------
14	60.58	59.95	21.5	27.7	95	78	Calm	NNE 2	7	6	------
15	60.33	59.75	21.2	28.6	95	71	Calm	W 1	5	6	------
16	60.33	59.46	20.7	28.3	94	74	Calm	NNE 2	6	5	------
17	60.25	59.24	22.3	28.2	93	71	Calm	NNE 2	5	4	------
18	60.42	59.72	21.9	29.7	95	69	Calm	W 2	3	2	------
19	61	59.52	23.2	28.3	92	71	NE 1	NNE 2	10	1	------
20	60.39	59.45	21.8	28	95	74	Calm	NNE 2	8	2	------
21	59.88	59.11	21.4	28	95	70	Calm	NNE 2	7	1	------
22	59.86	58.75	21.3	28.4	92	72	Calm	NNE 2	6	4	------
23	60.30	59.94	21.3	28.4	94	75	Calm	NNE 2	7	2	------
24	60.28	59.71	21.2	28.1	93	73	Calm	NNE 2	6	2	------
25	59.79	59.27	21.8	28.5	94	73	Calm	NNE 3	7	3	------
26	60.34	59.61	20.8	28.7	94	72	Calm	NNE 2	6	4	------
27	60.48	60.19	22.1	31.2	95	61	Calm	WNW 1	6	5	------
28	60.19	60.19	21.4	29.1	91	74	Calm	W 2	6	6	------
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.70	59.15	22.4	28.2	93.2	73.9	0.2	2.1	7.3	5.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.65	59.90	23.9	29.2	93	74	Calm	N 1	10	2	------
2	61.22	59.65	23.7	27.9	93	82	Calm	NNE 2	8	6	------
3	59.93	58.26	23.6	27.4	95	84	Calm	NNE 2	5	8	0.3
4	58.49	57.81	24.5	27.9	94	80	Calm	NNE 3	10	7	------
5	57.09	56.83	26	26.7	90	90	NbyE 1	Calm	10	10	6.9
6	57.85	56.65	23.6	29.3	96	79	Calm	W 1	4	8	------
7	57.43	56.36	24.2	27.5	94	83	Calm	NE 2	7	10	17.1
8	57.56	57.17	23.9	28.9	96	74	Calm	Calm	5	9	------
9	57.38	56.65	24.3	30.1	93	68	Calm	NNW 1	3	7	------
10	58.06	57.40	23.3	31.1	96	71	Calm	W 2	4	5	------
11	57.56	57.77	22.7	30.4	95	65	Calm	NW 1	4	9	------
12	58.59	58.81	22.6	29.6	94	78	Calm	NW 1	5	9	------
13	59.63	58.90	23.6	29.4	94	79	Calm	NNE 1	9	9	------
14	59.23	59.09	23.2	28.9	93	80	Calm	NNE 1	7	8	------
15	58.87	58.74	23.8	29.4	94	76	Calm	NNE 2	7	4	------
16	58.93	58.16	22.9	28.6	96	73	Calm	NNE 2	4	3	------
17	59.83	59.71	22.4	28.7	93	85	Calm	NNE 2	6	6	------
18	61.19	60.26	22.9	28.9	94	73	Calm	NNE 1	6	2	------
19	60.90	59.57	22.2	28.4	92	70	Calm	NNE 2	10	9	------
20	59.62	58.41	21.9	28.9	95	78	Calm	NNE 2	10	9	------
21	58.35	57.97	22.3	29.2	95	72	Calm	NNE 3	7	5	------
22	58.29	57.89	22.4	30	96	71	Calm	WNW 1	7	7	------
23	58.30	57.51	22.4	30.8	94	65	Calm	WNW 2	5	6	------
24	58.11	57.84	23.3	39.3	91	75	Calm	NNE 1	8	4	------
25	57.91	57.15	22.9	29	95	78	Calm	NNE 3	6	4	------
26	57.37	57.54	22.9	28.9	96	76	Calm	NNE 3	6	7	------
27	57.95	57.20	23.9	29	92	76	Calm	NNE 4	5	6	------
28	58.03	57.55	24.3	29.4	93	77	Calm	Calm	7	7	1.5
29	58.53	58.04	24.8	28.7	94	75	Calm	Calm	9	9	------
30	58.44	57.95	22.8	29.3	94	76	Calm	N 1	2	5	------
31	57.41	56.54	22.7	28.5	95	73	Calm	NNE 2	9	4	------
Mean	58.67	58.04	23.4	29	94	75.8	0	1.6	6.6	6.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.31	56.97	23	27.8	95	82	Calm	Calm	9	9	------
2	57.96	57.48	24	31.6	95	67	Calm	NW 2	5	5	------
3	58.19	57.91	23.9	30.1	91	67	Calm	NNW 3	10	7	------
4	58.14	58	23.8	29.2	93	78	Calm	Calm	3	8	1.5
5	58.84	57.89	24.1	29.8	95	69	Calm	NW 1	9	6	2.3
6	58.59	57.38	24.3	32.4	93	57	Calm	S 3	10	5	------
7	58.74	58.12	24.2	29.8	94	69	Calm	NNW 1	7	6	------
8	59.39	58.79	22.5	31.1	95	68	Calm	N 1	9	3	------
9	59.93	59.22	24	28.5	94	78	Calm	NNE 1	3	8	------
10	59.34	59.05	23.3	28.3	91	79	Calm	Calm	9	8	------
11	58.78	57.65	23.2	30.3	94	72	Calm	NNE 1	8	2	------
12	58.55	57.61	23.3	31.3	91	68	Calm	W 2	10	6	------
13	58.53	58.39	24.3	29.5	93	76	Calm	WNW 1	3	7	------
14	59.23	59.03	23.4	28.2	92	79	Calm	Calm	9	7	------
15	60.14	59.78	23	30.1	94	67	Calm	Calm	2	5	------
16	59.89	58.21	23.4	29.4	95	74	Calm	NNE 2	1	4	------
17	58.83	57.56	23.1	29.2	92	76	Calm	NNE 2	5	4	------
18	58.50	57.48	22.2	30	89	67	Calm	NNE 2	7	4	------
19	58.24	57.71	23.1	31.2	92	61	Calm	WNW 1	5	6	------
20	59.72	58.79	24.9	32.4	92	68	Calm	WNW 3	7	5	.3
21	59.90	58.13	23.9	30	92	77	Calm	NNE 3	9	3	------
22	58.41	57.55	25.1	29.9	87	77	Calm	W 1	5	9	2.5
23	59.06	57.64	24.1	29.1	94	77	Calm	NNE 1	10	5	.3
24	58.75	57.55	23.8	29.4	92	77	Calm	Calm	8	9	2.5
25	58.11	57.80	24.4	28.5	94	80	Calm	Calm	9	8	20.8
26	58.92	58.01	24.6	29.5	96	80	Calm	Calm	4	7	11.4
27	58.54	57.72	23.9	31	95	71	Calm	W 2	4	6	------
28	57.93	56.49	24.1	29.7	95	80	Calm	NNE 2	3	6	------
29	56.60	56.48	25.3	25.7	93	91	Calm	Calm	9	10	9.4
30	57.56	56.55	23.4	29.3	96	79	Calm	Calm	7	7	4.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.69	57.90	23.8	29.7	93.1	73.7	0	1.2	6.6	6.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	55.3

The barometric readings of this station seem to be somewhat low.

JOLO.

[$\phi = 6°\ 03'$ N; $\lambda = 121°\ 00'$ E: barometer above sea, 5.5 meters; gravity correction not applied, −1.93 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.23	57.31	23.3	30.5	96	74	Calm	W 1	1	4	------	56.54	57.48	26.4	24.5	90	92	S 1	SSW 2	5	10	34.3
2	58.62	57.75	23.4	30.9	95	70	Calm	NW 1	2	3	------	57.99	56.73	25.4	31.4	96	68	Calm	SSE 3	9	8	------
3	58.50	57.26	23.8	30.8	92	73	Calm	N 2	1	4	------	57.84	56.67	25.9	31.5	92	68	Calm	S 3	10	6	------
4	57.51	56.10	23.9	29.6	91	77	Calm	W 3	10	9	------	57.74	57.34	25	31.4	95	66	Calm	SSW 1	9	9	------
5	56.69	55.34	24.8	31.2	93	70	Calm	W 3	10	6	------	58.26	58	26.1	30	91	77	Calm	NW 2	9	8	------
6	57.43	55.50	23.9	31.2	93	70	Calm	W 3	2	2	------	59.48	57.92	25.1	32	94	63	Calm	S 3	7	4	------
7	57.62	57.37	25.4	28.8	93	80	Calm	SSW 1	10	10	------	58.61	58.07	24.7	24.6	92	93	Calm	Calm	9	10	52.8
8	57.76	56.85	23.9	29.9	94	74	Calm	N 1	3	8	47	58.10	57.01	23.6	28.5	97	80	Calm	NNE 2	8	7	2.5
9	56.60	55.16	23.9	31.6	96	75	Calm	W 1	1	5	------	58.15	57.51	23.4	28.8	96	76	Calm	NW 1	1	7	44.2
10	55.88	54.70	24.6	30.5	93	74	Calm	W 2	2	8	------	58.73	58.09	23.4	28.1	96	84	Calm	N 1	6	8	9.4
11	55.85	55.63	25.7	27.7	89	89	Calm	Calm	9	10	1.8	58.68	57.58	23.4	26.7	97	93	Calm	Calm	2	8	51.3
12	56.89	56.09	24.3	30.1	96	80	Calm	NNE 1	4	8	------	58.58	57.36	23.3	28.4	97	82	Calm	ESE 2	2	9	2.8
13	57.18	57.15	25.9	29.4	95	71	Calm	Calm	10	10	------	58	57.20	22.4	28.5	96	80	Calm	Calm	6	5	1.3
14	57.88	57.18	24.8	29.4	89	81	Calm	Calm	10	10	53.8	58.55	56.96	23.3	29.3	96	79	Calm	NNE 1	9	9	------
15	58.62	57.65	24	28.4	95	81	Calm	NNE 1	4	9	12.7	58.11	56.86	23	30.1	95	69	Calm	W 1	5	5	------
16	58.77	57.62	24.7	30.1	97	74	Calm	Calm	9	9	------	57.46	56.10	23.3	30.4	93	72	Calm	W 4	4	6	------
17	58.74	57.73	25.3	27.9	92	84	Calm	Calm	7	8	1.3	57.08	56.35	23.6	29.9	94	75	Calm	W 4	8	8	80.8
18	58.72	57.88	24.4	27.3	95	90	Calm	Calm	0	5	13.2	56.96	56.56	24.1	28.6	95	78	Calm	W 3	10	10	.8
19	59.22	57.40	24.7	28.8	96	78	Calm	W 3	6	9	------	56.93	56.09	25.8	29.9	92	67	Calm	SW 4	10	10	3.1
20	58.59	57.52	24.2	30.9	93	69	Calm	Calm	10	7	------	57.24	56.82	25.4	26	95	86	Calm	S 5	6	10	4.1
21	59.31	58.60	24.8	31.3	94	70	Calm	WNW 2	1	4	------	58.29	58.08	24.5	28	95	77	Calm	W 4	10	10	1.1
22	60.71	59.09	24.8	29.9	92	78	Calm	wbyN 2	8	5	------	58.53	57.87	23.3	29.8	93	75	Calm	Calm	10	5	------
23	59.46	58.06	24.6	31.4	93	70	Calm	W 3	1	5	------	58.13	57.93	23.8	28.3	94	78	Calm	Calm	5	10	5.6
24	58.36	57.28	24.7	30.8	91	72	Calm	W 3	9	9	7.9	58.08	56.84	23.9	30	93	73	Calm	W 3	10	3	------
25	57.48	57.54	24.1	30.9	96	72	Calm	W 4	2	6	------	56.99	56.20	24.4	31	92	75	Calm	W 2	4	5	------
26	58.64	57.28	24.4	31	95	75	Calm	W 2	4	8	.8	57.16	56.85	24.3	30.5	92	66	Calm	W 3	10	9	------
27	57.29	57.03	25.3	28.5	94	81	Calm	W 2	4	10	.5	57.24	56.09	25.1	31.7	90	68	Calm	W 2	10	10	------
28	56.57	55.98	26.7	27.2	90	89	WSW 1	Calm	10	10	.3	56.40	55.87	26.7	30.3	89	69	SW 1	SSW 3	9	9	------
29	55.98	55.48	25.1	32	93	70	Calm	WSW 1	7	7	------	57.28	55.83	26.8	27.8	87	70	Calm	SSW 3	10	10	2.8
30	56.74	55.30	26.1	28.2	91	84	Calm	S 2	10	10	9.7	57	55.93	25.2	30.3	92	68	Calm	SSW 2	10	7	------
31	56.95	55.13	26.4	28.7	91	75	S 2	S 5	10	9	.3	------	------	------	------	------	------	------	------	------	------	------
Mean	57.83	56.84	24.7	29.8	93.3	76.5	0.1	1.6	5.7	7.2	------	57.80	57.01	24.5	29.2	93.5	75.6	0.1	2.1	7.4	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	149.3	------	------	------	------	------	------	------	------	------	------	296.9

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.55	56	26.1	29.9	88	71	Calm	SSW 1	10	10	------	58.70	57.39	22.3	31.6	94	65	Calm	Calm	1	5	------
2	57.38	56.26	24.3	32.9	94	60	Calm	S 2	9	4	------	58.64	57.55	22.6	31.4	94	68	Calm	W 1	0	1	------
3	57.77	56.08	26	31.2	90	64	Calm	SSW 2	5	6	------	58.09	57.01	23.5	30.4	95	65	Calm	W 4	1	3	0.3
4	56.68	55.99	26.1	29.7	89	71	Calm	WSW 3	10	10	16.8	57.46	57.03	24.4	30.7	95	69	Calm	W 3	7	6	2.3
5	57.58	56.73	24.4	28.3	94	75	Calm	SSE 1	10	10	.5	57.70	58.07	24.4	27.7	96	72	Calm	W 5	10	9	7.1
6	56.95	55.41	25.5	29.5	91	68	Calm	SSW 5	10	9	------	58.07	58.37	25.5	25.7	92	81	S 1	S 3	10	10	22.9
7	56.81	55.79	25.6	30.4	92	69	Calm	SSW 4	7	9	------	58.83	58.16	23.8	29.5	88	65	Calm	W 2	10	9	12.2
8	56.93	56.04	25.5	30.4	94	66	Calm	S 2	7	7	------	58.53	57.84	23.7	31	94	62	Calm	S 2	10	10	------
9	57.48	56.66	25.3	31.5	94	65	Calm	S 2	7	6	------	58.64	57.68	25.4	31	91	56	S 1	SSW 4	9	3	10.2
10	58.33	57.40	25.4	31.8	92	62	Calm	SSE 2	1	3	------	58.21	56.98	25	28.8	80	71	Calm	SSW 4	10	10	------
11	58.99	58.11	25.3	30.6	93	65	Calm	SSW 1	8	5	------	56.66	55.63	25.3	30.4	89	66	SSW 1	SSW 3	10	9	------
12	58.73	57.85	24.9	31.6	92	67	Calm	S 3	6	6	------	56.49	55.78	25.4	30	89	70	S 2	SSW 2	10	8	------
13	58.98	57.78	25.9	32.5	92	61	Calm	SSE 3	6	7	------	56.75	55.49	26.3	31.3	85	59	S 2	sbyw 4	9	4	------
14	58.37	58.05	25.1	81.3	91	72	SSE 1	NW 1	7	5	------	57.61	55.76	25	31.8	88	61	SSE 2	SSE 4	4	5	------
15	59.03	57.89	25.4	31.4	95	72	Calm	NNE 1	1	4	------	57.54	56.51	25.1	29.8	88	71	Calm	Calm	10	10	------
16	58.13	57.08	25.3	31	93	65	Calm	S 2	5	4	------	57.20	56.30	25.2	30.4	90	66	Calm	NNE 1	9	4	------
17	57.50	56.21	26.5	31.4	85	60	Calm	sbyw 4	10	7	------	57.76	57.43	24	32.4	91	64	Calm	wbyN 1	4	9	2.5
18	56.85	56.81	26.5	29.4	88	74	Calm	E 1	10	10	10.4	58.18	56.59	24.1	30.7	91	68	Calm	NNE 1	3	7	------
19	57.39	56.95	23.4	28.1	91	76	Calm	NNE 1	10	10	3	57.90	56.94	24.8	33.1	92	55	Calm	S 2	2	7	------
20	57.21	57.17	23.1	29.7	92	73	Calm	W 2	10	10	1.5	57.92	56.86	25.3	31.4	92	62	Calm	SSW 2	5	6	------
21	57.40	56.70	23.3	31.4	96	60	Calm	W 2	5	7	------	57.80	56.43	24.9	31.3	92	63	Calm	S 5	8	4	------
22	57.01	56.04	23.8	31.5	93	66	Calm	Calm	9	4	.3	58.34	57.40	24.9	31.2	88	60	Calm	SSW 3	3	5	------
23	56.21	54.93	23.8	30.5	93	65	Calm	S 3	6	7	------	58.24	57.58	25.2	33.1	82	51	S 1	S 3	2	1	------
24	56.20	55.82	26	30.5	88	64	S 1	S 3	7	9	2.5	59.44	57.83	25	33.4	90	52	Calm	SSW 3	8	1	------
25	56.79	56.16	25.3	31.6	89	62	Calm	S 3	9	7	5.1	59.21	57.68	23.3	32.3	93	54	Calm	S 3	7	2	------
26	57.26	56.28	24.8	30.9	92	61	Calm	S 3	2	4	------	57.71	56.91	25.3	31.3	90	63	SSE 1	S 3	1	5	------
27	57.66	56.96	24.4	29.8	93	76	Calm	NW 1	10	9	------	57.68	56.46	25.3	32.1	89	61	Calm	SSW 3	5	5	------
28	57.89	57.45	24.8	32.6	88	59	Calm	S 2	2	3	------	59.34	57.63	24.9	32.3	91	56	Calm	sbyw 4	5	3	------
29	58.31	58.04	24.3	31.4	93	70	Calm	W 1	1	5	------	60.41	58.32	24.3	32.4	92	59	Calm	SSW 3	6	4	------
30	58.57	57.27	23.9	27.1	91	82	Calm	Calm	7	7	16.7	59.59	58.52	25.4	31.9	89	62	Calm	sbyw 4	6	6	------
31	58.68	57.57	23.6	28.8	96	75	Calm	Calm	5	5	7.9	58.64	56.84	25.9	32.2	91	61	S 1	SSW 5	5	4	------
Mean	57.60	56.76	25	30.6	91.7	67.6	0.1	2	6.8	6.7	------	58.17	57.13	24.7	31.1	90.4	63.2	0.4	2.8	6.1	5.6	------
Total	------	------	------	------	------	------	------	------	------	------	64.7	------	------	------	------	------	------	------	------	------	------	57.5

JOLO.

[$\phi = 6°$ 03′ N; $\lambda = 121°$ 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.93 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.69	56.64	26	31.4	90	65	SSE 2	SSW 3	5	7	------	58.78	57.81	23.9	24.4	91	87	Calm	Calm	4	8	13.5
2	57.72	56.54	26.2	30.9	90	56	Calm	SSW 5	9	6	8.9	58.60	57.47	23.9	28.5	95	78	Calm	NE 2	3	7	------
3	57.02	55.67	26	31.9	91	62	Calm	S 3	10	5	------	59.12	58.32	23.3	29	93	73	Calm	S 1	4	5	.8
4	56.74	55.73	25.3	31	88	57	SSE 2	S 3	10	8	------	59.38	58.40	23.2	30.9	95	71	Calm	W 2	6	8	------
5	56.53	55.44	25.9	30.3	83	62	S 4	S 4	10	10	------	59.44	58.49	23.4	30.5	95	72	Calm	NNE 1	6	6	------
6	56.85	55.47	25.9	31.2	86	63	Calm	S 4	8	4	------	59.17	58.44	22.8	30.9	92	68	Calm	N 1	1	5	------
7	56.60	56	25.8	31.9	86	64	S 2	S 3	9	7	------	58.53	57.99	22.9	31.8	95	64	Calm	W 2	2	3	------
8	56.79	55.58	25.7	31.3	89	56	Calm	SSW 4	9	7	------	59.37	58.70	24	30.4	95	74	Calm	W 2	1	10	.5
9	57.69	56.07	25.4	31.8	92	58	Calm	S 3	9	9	------	59.88	58.76	23.8	29.3	93	79	Calm	W 2	4	9	.5
10	57.85	57.58	25.9	30.4	88	65	Calm	SSW 3	10	10	------	59.47	58.41	23.4	31.9	95	67	Calm	W 1	5	6	------
11	58.66	57.65	24.4	32.6	91	56	Calm	S 2	8	4	------	58.69	57.31	23.5	32.9	95	63	Calm	W 1	6	4	------
12	58.86	57.21	24.8	29.9	87	65	Calm	NbyE 1	10	9	------	58.77	57.24	23.9	30	95	73	Calm	NNE 2	5	4	------
13	58.71	57.78	24.5	25.7	89	89	Calm	Calm	10	10	18.3	59.09	57.71	23.9	30.4	95	71	Calm	NNE 2	7	6	------
14	58.40	57.60	24.6	30.5	90	70	Calm	NNE 1	7	7	15.5	59.53	58.33	23	31.5	93	60	Calm	Calm	6	6	.8
15	58.84	57.96	22.4	30.5	95	70	Calm	NNW 1	1	4	------	59.02	57.52	23.5	30.7	95	65	Calm	NNE 3	7	4	------
16	58.58	57.41	24.2	29.7	94	72	Calm	NW 1	0	6	------	58.89	58.35	23.9	26.7	92	86	Calm	Calm	9	6	6.6
17	58.06	56.96	23.4	27.3	96	84	Calm	Calm	2	6	.3	59.50	58.61	22.9	29.9	93	74	Calm	Calm	4	5	1.3
18	58.14	57.90	23.4	24.8	95	88	Calm	Calm	1	7	21.3	59.28	58.64	24	28.1	95	78	Calm	Calm	4	8	.8
19	59.06	58.25	21.6	30.4	90	67	Calm	NW 1	5	4	------	59.34	58.62	24.1	27.8	96	79	Calm	N 1	1	9	.3
20	59.35	58.24	22.1	29.8	95	70	Calm	NNE 1	6	3	------	59.65	58.38	23.9	30.7	95	71	Calm	NE 2	3	7	------
21	58.75	57.90	23.4	31.4	96	72	Calm	W 2	6	4	------	60.05	59.06	23.3	30.9	92	62	Calm	S 1	7	7	------
22	58.43	57.72	25	29.3	95	74	Calm	Calm	9	9	------	59.62	58.83	24.2	27.4	93	81	Calm	S 1	7	9	5.8
23	58.24	57.09	23.8	30.4	94	74	Calm	WNW 6	10	9	9.2	59.28	58.30	22.5	29.4	95	76	Calm	Calm	6	6	------
24	58.06	56.68	23.9	28.2	96	78	Calm	W 1	10	9	.3	59.32	58.26	24.4	27.4	91	87	Calm	SSE 1	8	6	22.8
25	57.69	57.45	23.6	24.8	94	91	Calm	Calm	3	10	4.6	59.01	58.81	24.6	26.4	94	92	Calm	Calm	10	9	9.4
26	58.35	57.56	22.8	25.3	95	88	Calm	Calm	9	10	12.2	59.77	57.93	22.9	28.5	95	85	Calm	EbyN 1	7	5	21.8
27	58.61	57.09	25.4	29.6	90	71	Calm	Calm	10	10	------	58.95	57.52	22.7	27.4	95	81	Calm	Calm	1	7	17.8
28	58.74	57.33	23.8	31.5	96	59	Calm	S 3	10	8	------	59.60	58.28	23.3	26.3	96	91	Calm	Calm	2	7	23.6
29	58.64	57.17	23.5	32.7	95	60	Calm	SSE 2	9	5	------	59.44	58.21	22.8	30.4	96	75	Calm	Calm	3	7	.8
30	58.64	57.12	23.3	32.6	95	56	Calm	SbyE 2	9	4	------	58.99	57.78	23.3	26.1	96	90	Calm	Calm	6	10	17.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59	57.99	24.1	32.4	95	58	Calm	SSE 1	10	4	------
Mean	58.08	57.03	24.4	30	91.7	68.7	0.3	2	7.5	7	------	59.24	58.21	23.5	29.3	94.2	75.2	0	1	5	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	90.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	144.4

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.68	58.81	23.2	27.8	95	86	Calm	NNE 2	6	9	7.7	58.06	56.93	23.9	28.4	97	81	Calm	W 1	10	8	------
2	59.40	58.08	22.8	29.4	97	74	Calm	Calm	7	4	------	58.48	57.58	22.8	31.3	97	70	Calm	W 1	4	9	------
3	58.83	57.38	23.9	26.4	97	85	Calm	Calm	6	8	9.1	58.48	57.46	22.9	29.5	96	75	Calm	NNE 2	3	4	------
4	59.14	58.09	23.7	26.5	96	89	Calm	Calm	3	9	19	58.04	57.78	24	28.4	96	78	Calm	W 1	3	10	------
5	59.32	58.38	22.3	25.4	96	92	Calm	Calm	2	9	31.3	58.03	57.37	24	29.1	96	79	Calm	W 1	2	7	------
6	58.43	57.31	23.3	27.9	97	84	Calm	Calm	4	8	.3	57.74	57.37	23.5	28.9	95	78	Calm	Calm	10	7	2.8
7	57.94	56.75	23.1	29.5	96	73	Calm	Calm	7	7	1	57.92	56.85	22.5	27.3	96	86	Calm	SSW 1	7	10	1.3
8	57.84	56.30	23	29.9	96	78	Calm	Calm	7	8	2.8	57.45	56.42	23.5	30.3	96	75	Calm	W 1	10	4	5.8
9	57.85	56.85	23.9	30.3	96	73	Calm	W 1	10	4	5.3	57.04	56.74	22.8	26.4	96	92	Calm	Calm	5	9	18.3
10	58	56.88	22.9	29.5	97	77	Calm	NNE 2	1	2	------	57.21	56.04	23	30	98	67	Calm	N 1	6	6	.8
11	57.21	55.57	23	30.9	96	71	Calm	Calm	2	4	4.6	57.31	55.92	23.4	28.9	96	77	Calm	NNE 2	10	8	.3
12	57.09	56.21	23.5	27.8	96	83	Calm	NNE 2	6	9	4.6	57.06	55.89	22.9	31	96	65	Calm	S 1	2	6	------
13	57.92	56.59	22.4	28.6	96	78	Calm	NNE 2	1	5	------	57.65	56.50	23	28.9	96	83	Calm	NNE 1	6	7	16.8
14	58.14	56.51	23.1	29.5	95	76	Calm	NNE 1	3	5	------	58.09	56.88	24.3	28.9	97	77	Calm	NNE 2	10	5	1.5
15	57.18	56.16	23.9	28.4	96	73	Calm	Calm	1	6	-----	57.59	57.36	24.4	28.5	96	76	Calm	NNE 1	10	5	.8
16	57	55.63	24.3	28.8	96	78	Calm	Calm	6	8	7.1	59.39	58.90	22.4	29.4	96	73	Calm	NNE 1	3	2	------
17	56.81	56.39	23.9	26.4	96	83	Calm	Calm	7	7	2.5	59.82	58.79	22.3	28.6	96	69	Calm	NNE 2	3	4	------
18	57.20	56.40	23.1	29.3	97	78	Calm	Calm	3	6	------	59.87	58.97	23.6	29.1	95	70	Calm	NNE 3	7	2	------
19	57.75	57.02	23.2	28.1	94	85	Calm	Calm	3	6	24.4	59.11	58.30	24.7	29.2	89	74	Calm	NNE 2	8	3	------
20	58.32	57.83	23.6	27.3	97	81	Calm	W 1	3	8	------	58.51	57.61	24.4	29.2	96	78	Calm	NNE 2	2	3	------
21	58.48	57.95	23.9	29.4	96	80	Calm	W 1	8	10	29.7	58.47	56.76	24.4	28.9	96	81	Calm	NNE 2	7	6	------
22	58.77	57.64	24.4	27.5	96	84	Calm	Calm	10	6	------	58.21	57.78	23.3	29.9	96	80	Calm	W 1	3	8	------
23	58.11	57.66	23.8	29.5	95	76	Calm	Calm	9	7	------	58.83	58.30	22.8	29.4	97	74	Calm	NNE 2	4	4	------
24	58.72	57.29	23.1	31.3	96	73	Calm	NNW 2	1	9	.3	58.77	58.12	23.8	28.3	96	78	Calm	Calm	10	10	2.5
25	57.49	56.81	24.3	29.5	96	77	Calm	NNE 2	7	3	------	59.83	59.13	23.4	29.9	96	77	Calm	W 1	10	7	17.1
26	57.91	57.19	23.7	29.6	95	70	Calm	NNE 1	4	9	------	60.48	59.02	23.4	28.9	97	77	Calm	NNE 3	10	7	.5
27	58.55	57.10	24.1	30.9	96	72	Calm	SbyW 2	8	4	.3	59.79	58.42	26.9	29.3	84	76	NNE 3	NNE 2	8	6	------
28	58.03	56.31	24.4	27.1	96	90	Calm	Calm	9	8	8.9	59.08	58.32	23	28.4	96	73	Calm	NNE 2	9	9	------
29	56.90	56.42	24.4	29.2	96	77	Calm	W 2	2	6	5.3	59.22	57.57	25.4	28.7	80	66	NNE 3	NNE 3	7	7	------
30	57.44	56.95	23.2	28.7	97	75	Calm	Calm	1	7	------	57.96	57.12	23.3	29.3	95	72	Calm	W 2	10	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	58.98	57.66	23	29.5	96	67	Calm	NNE 2	10	8	.3
Mean	58.05	57.02	23.5	28.7	96	79	0	0.7	4.9	6.7	------	58.47	57.54	23.6	29.1	95	75.6	0.2	1.5	6.7	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	164.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	68.8

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6 meters; gravity correction not applied, −1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.58	60.36	22.4	30.3	88	68	N 1	SE 2	4	8	------
2	61.29	60.74	22	28.6	92	70	N 1	W 2	3	9	------
3	61.48	60.36	24.8	30.6	86	59	NE 1	E 2	9	5	------
4	61.51	60.99	23.1	28.5	86	67	N 1	S 1	3	9	------
5	62.49	61.24	22	28.5	82	73	N 1	S 1	9	9	------
6	62.20	61.12	22.5	28.8	91	72	N 1	N 1	7	9	------
7	62.49	61.37	21.7	28	74	65	N 1	SE 2	4	10	------
8	62.90	61.81	21.6	28.6	76	61	N 1	WSW 2	8	8	------
9	63.48	61.84	23	27.6	76	68	NE 1	SSE 2	10	5	------
10	62.65	61.81	23.2	28.1	77	70	NE 1	SSW 2	3	3	------
11	62.20	60.84	20.2	28.5	87	64	N 1	S 2	2	3	------
12	61.59	59.74	21	27.5	90	65	N 1	WSW 2	3	10	------
13	60.99	59.31	22.6	28.9	91	71	N 1	W 2	3	2	------
14	60.64	59.57	23.5	28	88	77	N 1	SSE 2	10	8	------
15	60.93	59.08	22.5	30.5	88	57	N 1	E 1	9	3	------
16	61.10	60.09	22.7	28.4	90	68	N 1	N 2	6	8	------
17	61.29	59.94	24.5	27.9	79	71	ENE 1	SSE 3	10	2	------
18	61.62	59.74	23.9	28.5	81	75	N 1	WSW 3	6	1	------
19	60.30	58.17	24.5	28.4	87	75	Calm	W 2	10	5	------
20	59.49	58.13	24.7	29	87	68	Calm	W 2	8	8	------
21	-----	58.12	-----	28	-----	80	-------	SE 2	-----	4	7.7
22	59.09	58.72	24	28.4	97	77	Calm	WSW 2	10	10	------
23	59.48	58.83	23.2	28	86	73	N 1	SW 1	10	9	------
24	59.18	58.16	24.5	29.4	87	70	Calm	SW 1	7	6	------
25	59.51	58.13	24.1	28.8	85	65	Calm	SSE 3	5	7	------
26	58.89	58.80	24.5	27.9	79	74	NNE 1	WSW 2	5	9	------
27	60.30	59.22	23.6	28.1	81	79	Calm	WSW 3	6	2	------
28	60.24	58.68	22.9	28	91	73	Calm	SW 2	10	4	2.5
29	59.26	58.62	23	28.5	90	70	N 1	SW 2	7	9	------
30	59.14	58.32	22.1	28.4	91	73	N 1	SW 2	8	9	8.1
31	60.46	58.85	23.4	28.5	97	69	N 1	E 2	10	9	20.6
Mean	60.93	59.70	23.1	28.6	86	69.9	0.8	1.9	6.8	6.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	[a]38.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.28	58.56	23.1	27.5	95	79	N 1	W 2	10	9	------
2	59.11	58.52	22.7	27.7	82	76	Calm	W 3	2	9	------
3	59.41	58.54	22.4	27.5	95	81	N 1	SW 2	9	9	------
4	59.01	58.27	24.4	27.8	85	76	N 1	W 2	10	9	3.6
5	58.90	58.38	23.4	29	88	74	Calm	W 1	4	9	------
6	59.45	59.01	21.7	28.5	90	70	N 1	W 1	3	5	------
7	59.60	58.73	21.8	27.6	75	62	N 1	SSE 3	8	9	------
8	60.70	59.62	21.4	28.8	74	63	N 1	E 2	3	7	------
9	59.96	59.78	22.2	26.8	79	72	N 1	WSW 1	9	10	------
10	59.99	59.34	23.4	28	77	70	Calm	W 3	9	8	------
11	60.44	60.19	22.5	28	87	68	Calm	WSW 2	7	9	------
12	60.70	60.19	21	28.2	83	66	N 1	SSW 3	7	7	------
13	61.49	60.75	22.5	27.5	92	70	Calm	SSE 3	8	8	------
14	61.54	60.52	21.6	27.9	87	65	N 1	S 3	3	7	------
15	60.95	60.39	21.5	28	87	70	Calm	SSE 3	3	3	------
16	61.31	60.28	22.6	27.4	87	72	N 1	W 2	9	2	------
17	61.09	60.22	20.1	27.7	90	71	N 1	E 3	1	1	------
18	61.09	60.23	21	30	86	66	N 1	SE 2	2	2	------
19	61.59	60.14	21.3	27.6	84	76	N 1	SSE 2	1	2	------
20	60.82	59.90	22	28	82	77	N 1	SSE 3	1	1	------
21	60.46	59.88	22	28	88	68	N 1	S 2	3	3	------
22	60.06	58.99	21.7	28.3	86	72	N 1	SE 3	2	2	------
23	61.16	60.64	21.6	28.3	87	71	N 1	W 3	2	3	------
24	61.02	59.89	21.9	27.7	83	76	N 1	SSE 3	2	2	------
25	60.57	59.85	20.6	28.4	87	70	N 1	W 2	1	3	------
26	60.85	60.30	21.7	28.5	84	68	N 1	S 1	3	3	------
27	61.34	60.85	22	28.4	82	70	N 1	SSE 2	2	1	------
28	61.11	60.98	22.1	28.6	86	69	N 1	W 1	2	2	------
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	60.46	59.75	22	28.1	85.3	71	0.8	2.2	4.5	5.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	3.6

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.43	60.67	22.9	28.2	86	80	N 1	S 2	5	5	------
2	61.86	60.49	23	28.9	90	71	N 1	WSW 2	3	3	------
3	60.84	58.89	23.1	29.6	90	66	Calm	SE 2	8	2	------
4	58.82	58.03	25	28.5	83	76	Calm	W 2	10	4	------
5	58.15	57.81	24.9	23.9	87	96	Calm	NW 1	10	10	18.6
6	58.67	57.38	23.8	29.3	94	70	Calm	SSE 3	10	1	------
7	58.18	57.24	25.7	27.7	92	80	Calm	W 2	10	10	------
8	58.47	57.64	23.7	27.9	89	82	Calm	WSW 2	7	9	.3
9	58.37	57.57	24.1	28.5	91	78	Calm	SW 2	9	7	------
10	58.82	58.40	23.3	27.8	87	82	Calm	WSW 2	9	9	------
11	58.50	58.49	23.1	28.6	87	77	N 1	WSW 2	4	9	------
12	59.19	59.53	25.8	27.3	82	85	NW 1	WSW 2	9	9	------
13	60.20	59.83	25	27.1	91	87	Calm	SW 1	10	10	------
14	60.03	59.94	23.6	28.7	90	78	Calm	WSW 1	9	9	------
15	60.20	59.42	22.1	28	94	77	Calm	SW 1	3	9	------
16	59.74	58.64	23.5	31.4	86	46	N 1	E 2	6	3	------
17	60.50	60.39	22.8	29.1	86	69	N 1	WSW 3	5	2	------
18	61.71	60.78	22.7	28.4	85	74	N 1	SSE 2	4	8	------
19	61.71	60.25	22.6	29.4	92	65	N 1	SW 2	4	8	------
20	60.27	58.90	22.4	28.5	80	67	N 1	WSW 2	3	10	------
21	58.92	58.50	21.8	28.9	83	76	N 1	SW 2	3	4	------
22	59.34	58.39	22.9	29.5	87	69	N 1	S 2	3	3	------
23	59.01	58.25	23.9	29.3	87	70	Calm	W 3	5	8	------
24	58.86	58.32	24.1	28.6	86	74	Calm	WSW 2	8	6	------
25	58.86	58.19	22.6	28.6	90	74	N 1	W 2	3	6	------
26	57.92	58.13	22.6	29	78	71	N 1	WSW 2	3	5	------
27	58.57	58.02	23.9	28	86	77	Calm	WSW 2	10	9	------
28	58.93	58.59	24.6	28.1	91	79	Calm	W 2	10	9	7.9
29	59.48	58.93	24.5	28.4	96	73	Calm	SSE 3	9	9	------
30	58.86	58.54	23.5	28.5	90	73	N 1	SW 2	5	5	------
31	58.02	57.22	22.7	28.6	88	69	N 1	WSW 3	4	6	------
Mean	59.43	58.75	23.6	28.5	87.9	74.5	0.5	2	6.5	6.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	26.8

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.45	57.70	24.3	28.6	87	78	Calm	SW 2	7	8	------
2	58.49	58.04	24.6	28.8	90	75	Calm	W 3	5	7	------
3	58.67	58.62	25.2	28.4	93	78	Calm	SW 1	10	10	------
4	59.08	58.52	23.5	29	93	79	N 1	SSE 2	6	3	------
5	59.50	58.72	24.4	29.4	87	71	Calm	SW 3	5	5	------
6	59.45	58.46	23.6	29.6	93	67	Calm	SSE 2	9	6	10.2
7	59.68	58.59	24	28.1	83	83	N 1	WSW 3	9	8	------
8	59.88	59.42	22.5	28.9	92	69	Calm	SW 1	3	3	------
9	60.61	59.78	23.3	29.1	92	64	Calm	SW 2	3	7	------
10	60.39	59.08	23.6	29.5	82	63	Calm	SSW 2	7	4	------
11	59.59	58.19	22.6	29	85	76	N 1	W 1	3	6	------
12	59.14	58.48	25.1	27.4	82	88	Calm	N 1	8	10	------
13	59.29	59.40	23.7	28.9	89	76	Calm	SSW 2	9	10	------
14	59.92	59.63	23.5	29.9	87	67	N 1	WSW 1	10	10	------
15	60.83	60.48	23.4	28.5	89	75	Calm	WSW 3	8	8	------
16	-----	59.01	-----	29.1	-----	74	-------	SSW 2	-----	3	------
17	59.49	58.17	24.8	28.8	88	76	W 1	WSW 2	4	9	------
18	59.21	58.30	23.7	29.5	81	64	N 1	SW 1	9	9	------
19	60.09	59.79	23.6	29.1	86	71	Calm	SW 2	2	4	------
20	60.80	59.78	25.5	28.8	91	80	Calm	WSW 2	10	3	------
21	60.64	58.92	24.1	29.9	87	71	Calm	W 2	9	8	------
22	59.08	58.30	26.4	28.4	79	78	N 1	W 1	8	10	------
23	60.09	58.43	24.4	31.9	94	54	N 1	ESE 2	9	3	7.4
24	59.28	58.60	25.2	28.9	83	81	Calm	SW 2	9	3	------
25	58.84	58.58	25.5	29.4	91	79	Calm	WSW 2	9	5	1
26	59.44	58.48	23.5	32.2	94	50	Calm	ENE 1	9	8	16
27	59.18	58.34	24.5	28.9	91	78	Calm	WSW 2	4	2	------
28	58.71	57.12	24	29.4	87	52	N 1	SW 2	7	8	------
29	58	57.51	23.5	27	96	80	Calm	SW 1	10	10	12.2
30	58.40	57.39	24	29.2	92	71	Calm	W 3	10	9	20.1
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.46	58.66	24.1	29.1	88.4	72.3	0.3	1.9	7.3	6.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	66.9

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[a] 30 days of observation.

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.95	57.88	25.9	30.2	75	66	Calm	SE 2	9	3	------
2	59.43	58.48	24.3	29.4	85	71	Calm	SW 1	6	3	------
3	59.40	57.74	24.4	29.7	82	73	N 1	SSE 3	4	8	------
4	58.31	56.86	24.9	29.9	87	67	N 1	SSE 3	9	9	------
5	57.37	56.19	25.4	29	86	77	Calm	WSW 2	10	9	------
6	58.21	56.30	23.8	29	91	78	N 1	WSW 3	10	2	14.5
7	58.33	58.19	24.1	29.9	96	68	Calm	SSE 1	10	8	------
8	58.81	57.62	24.5	29.6	86	75	Calm	WSW 2	9	4	------
9	57.50	55.97	25	29.1	85	82	N 1	W 2	3	2	------
10	56.73	55.39	24.6	28.5	90	87	N 1	WSW 3	5	3	------
11	56.66	56.81	25.5	27.1	91	88	Calm	SW 3	10	10	52.8
12	57.50	56.87	24.4	29.4	91	76	Calm	WSW 3	9	7	------
13	58.10	58.04	25.3	28	84	77	Calm	WSW 2	8	10	------
14	58.82	58.01	24.4	30.1	88	68	N 1	E 2	10	10	------
15	59.08	58.83	25.2	27	85	84	Calm	S 2	9	10	1.3
16	60.09	58.69	24.2	29.2	91	71	Calm	SSE 2	10	3	------
17	59.26	58.51	25.4	30.1	85	70	Calm	SSW 1	8	9	------
18	59.88	58.52	24.4	29.4	87	74	Calm	SW 2	1	3	------
19	59.87	58.32	25.8	28.5	88	81	Calm	SSW 2	9	4	------
20	59.38	59.02	25	27.2	83	84	N 1	Calm	8	9	------
21	59.76	59.10	23.8	28.4	92	79	N 1	SW 2	2	9	------
22	61.20	59.34	24.8	29	84	76	Calm	WSW 4	9	8	------
23	60.41	58.59	23.5	30.5	80	72	N 1	W 3	2	3	------
24	59.25	57.68	24.4	28.4	87	79	Calm	SSW 2	4	10	.3
25	58.06	58.20	24.5	28.5	88	84	Calm	WSW 4	3	9	------
26	58.90	57.59	25.9	30.1	85	75	W 1	W 4	10	9	------
27	57.75	57.37	27.4	26.6	89	83	W 3	W 3	9	10	18.5
28	57.01	56.27	22.4	26.6	100?	85	WNW 2	WNW 2	10	10	34.5
29	56.87	56.34	24	28.8	99	76	Calm	W 3	9	6	3
30	57.56	56.19	24	28.8	94	79	NNE 1	SSE 2	10	4	------
31	56.91	56.84	24.8	28.6	91	66	N 1	SW 3	9	10	------
Mean	58.56	57.60	24.7	28.9	87.9	76.5	0.5	2.4	7.5	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	124.9

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.85	57.95	25.9	28	89	83	NE 1	E 1	8	10	29.2
2	58.84	58.19	24.7	29.5	92	76	N 1	ESE 3	10	9	------
3	58.86	57.92	25.3	29.1	91	76	N 1	SE 2	9	4	------
4	58.87	58.43	24.5	30	91	71	N 1	E 2	10	9	------
5	59.40	58.19	26.1	30.4	88	66	NNE 1	NNE 2	9	5	------
6	60.44	59.19	24.7	28.5	89	80	N 1	SSE 2	6	4	2
7	59.84	58.49	24.1	29	95	74	N 1	SW 1	9	7	1.3
8	59.26	57.89	24	28.9	92	76	N 1	SSW 1	9	6	------
9	58.95	58.52	23.9	27.5	88	81	N 1	SW 2	6	9	------
10	59.69	59.34	24	28.5	85	78	N 1	WSW 1	10	9	------
11	59.79	58.39	24.2	28.9	88	71	N 1	SSE 1	9	9	------
12	59.45	58.12	23.8	28	89	81	N 1	SW 2	7	9	------
13	59.07	57.70	23.4	29.7	89	71	N 1	W 1	8	7	------
14	59.35	57.74	24	29	86	74	N 1	N 2	10	9	------
15	58.76	57.53	25	29.1	88	73	Calm	W 1	10	9	------
16	57.91	56.89	24.5	26.2	87	86	N 1	Calm	9	10	.3
17	57.37	56.65	25.9	27.5	88	84	WNW 1	WSW 3	10	10	------
18	57.37	56.89	26.1	27.8	90	82	W 1	W 3	10	10	12.4
19	57.60	57.05	25.4	30	90	68	Calm	W 1	9	10	6.1
20	58.22	57.40	24	29.4	91	68	N 1	SE 3	7	9	12.4
21	59.28	58.39	23.5	28.1	95	77	N 1	WSW 3	10	9	------
22	59.36	59.14	23.8	25.8	89	87	Calm	W 3	10	10	23.1
23	58.81	58.55	23.3	26.5	87	86	N 1	S 1	8	10	.5
24	58.38	57.33	23.8	29	88	74	Calm	W 3	9	7	------
25	57.66	57.28	24	28.3	93	75	Calm	W 1	9	8	------
26	57.89	57.84	25.5	29.4	88	72	Calm	W 2	10	10	3.8
27	58.20	57.54	25.4	28.9	88	78	Calm	SSW 1	9	10	------
28	57.55	56.59	25.9	29.5	88	81	Calm	W 3	9	8	------
29	58.34	57.16	24.6	27.8	95	78	N 1	WSW 3	10	10	------
30	57.94	57.02	24.8	30	90	67	Calm	WbyS 1	9	9	3.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.68	57.84	24.6	28.6	89.6	76.5	0.7	1.8	8.9	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	94.9

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm
1	57.54	57.23	24.6	28.5	91	77	N 1	WSW 1	10	10	------
2	58.39	57.82	24.4	29.1	91	74	Calm	Calm	8	9	------
3	58.68	57.06	25.7	29.6	93	77	Calm	SW 3	9	8	10.9
4	57.43	57.28	27	26	86	82	SW 2	W 2	10	10	42.2
5	58.76	57.47	23	27.8	100	67	W 5	SSW 1	10	10	3.8
6	57.78	56.48	26.8	30.4	83	69	WSW 1	W 1	10	9	------
7	57.90	57.09	24	29.8	91	65	N 1	SSW 1	9	9	------
8	58.12	57.17	24.4	29	91	72	N 1	ESE 2	8	9	------
9	58.49	57.60	23.5	28.6	91	78	N 1	SSE 2	9	7	------
10	59.15	58.51	24.4	29.9	85	66	N 1	SW 1	2	3	------
11	59.96	59.14	24.4	30.9	88	65	N 1	W 1	8	8	------
12	59.54	59.13	24.4	29.2	91	78	N 1	SSE 1	9	9	------
13	59.74	58.86	24	30.4	91	66	N 1	W 1	7	9	------
14	59.53	59.11	24.4	29.4	91	74	Calm	W 2	9	6	------
15	59.99	58.63	23.5	30	91	71	Calm	WSW 1	5	3	------
16	58.90	57.93	25.1	30.5	91	72	NW 1	WSW 3	9	9	3.8
17	58.52	57.33	23	27.4	100	79	N 3	SSE 1	10	10	20.1
18	58.13	57.73	24.1	27.4	89	73	N 1	WSW 3	10	9	21.8
19	58.10	58.25	24.8	23.7	86	82	Calm	NW 1	10	10	3.3
20	57.94	57.84	24.2	26.4	95	76	Calm	W 3	10	10	2.8
21	58.10	57.85	25.6	28.2	81	77	NW 1	W 2	10	10	15.2
22	57.72	56.79	23.5	28.9	92	74	N 1	WSW 2	10	7	------
23	57.11	56.09	24	29.8	87	72	N 1	W 2	9	3	------
24	57.46	56.68	24	30	91	64	N 1	SW 1	9	9	------
25	58.02	57.34	25.1	28.5	91	75	Calm	SE 2	10	9	------
26	58.21	57.25	26.7	29.1	82	75	SE 1	SW 2	9	7	------
27	58.83	58.09	23.5	29	86	70	N 1	SE 1	10	10	------
28	59.34	58.58	23.4	29	89	67	N 1	SE 3	8	3	------
29	59.48	58.87	24.5	28.8	88	72	Calm	SE 3	5	2	7.6
30	59.54	58.20	23.1	28	90	78	NNE 1	SSW 2	5	3	2
31	59.82	58.38	22.6	27.5	90	76	NE 1	SE 2	7	2	------
Mean	58.59	57.80	24.4	28.7	89.7	73	0.1	1.8	8.5	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	133.5

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.71	58.02	22.9	29.5	89	63	N 1	SW 2	2	3	------
2	59.22	57.89	24	27.6	86	80	NNW 1	W 1	1	8	------
3	58.61	57.45	26.4	29.4	81	72	SW 3	W 3	2	3	7.4
4	58.40	57.72	24.8	29.5	89	71	Calm	WSW 3	9	8	6.4
5	58.77	58.54	25	29.4	88	74	WSW 3	W 3	10	9	4.1
6	59.10	59.40	26.6	25.5	80	84	WSW 1	W 4	10	10	55.6
7	59.96	59.29	26	27.8	80	75	W 4	W 2	10	9	9.6
8	59.28	58.77	25.5	28.2	86	72	SW 2	W 2	10	10	5.1
9	59.50	58.30	26.1	29	84	74	WSW 1	WSW 3	9	9	------
10	59.14	57.75	26.7	28	85	77	SW 3	SW 3	10	10	------
11	57.67	56.83	25.5	29	83	68	Calm	WSW 3	10	8	------
12	57.74	56.59	23.9	30.4	92	63	Calm	SSE 1	10	9	------
13	58.16	56.82	24.4	28.5	89	74	NE 1	SSE 3	8	8	------
14	58.91	57.24	24.5	28.6	91	69	N 1	SSE 3	7	5	------
15	58.52	57.32	24.5	28.9	93	67	N 1	E 1	9	10	------
16	58.32	56.80	24.4	29.1	82	67	N 1	SW 2	10	7	------
17	58.43	58.15	24.4	27.6	84	76	Calm	W 2	9	10	22.1
18	59.10	57.59	23.4	28.5	91	71	N 1	WSW 1	3	5	------
19	58.83	57.80	24.6	29.4	90	72	Calm	WSW 1	9	7	------
20	59.14	57.82	23.2	29.9	93	75	N 1	W 3	3	8	------
21	58.80	57.21	23.7	30	90	67	N 1	SSW 3	8	5	------
22	59.57	58.52	23.5	28.9	90	69	N 1	SSE 2	2	7	------
23	59.86	58.97	24.3	29.3	86	63	NNE 1	E 3	6	3	------
24	60.39	59.13	24.1	28.9	86	70	N 1	E 2	10	9	------
25	60.08	58.89	23.5	28.5	88	71	N 1	SSE 2	8	1	------
26	58.99	58.09	23.4	29.4	88	70	N 1	SSW 2	2	3	------
27	58.90	57.53	23.9	29	89	68	N 1	SSE 2	3	4	------
28	60.30	58.64	23.5	28.5	87	73	N 1	SSE 3	1	2	------
29	60.61	59.39	24	28.8	91	75	N 1	SE 2	1	3	------
30	60.39	59.59	23.6	29	87	76	N 1	SW 3	1	5	------
31	59.41	58.18	23.5	30.4	91	70	N 1	WSW 3	1	3	------
Mean	59.16	58.07	24.4	28.9	87.4	71.5	1.2	2.4	6.3	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	110.3

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.92	57.61	23.5	30	91	71	N 1	WSW 3	3	7	------
2	58.61	57.40	26.9	29	80	75	W 1	WSW 4	10	10	------
3	58.07	56.56	24.1	31	90	61	N 1	SSE 1	10	5	------
4	58.03	56.88	24.1	28.4	67	78	N 1	SSE 2	10	10	------
5	58.32	56.88	24.2	28.5	86	66	N 1	ESE 1	10	10	------
6	58.19	56.70	24.4	29	84	71	N 1	SSE 2	9	7	------
7	57.96	56.89	24.1	30.8	91	61	N 1	W 1	5	7	------
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
10	59.06	58.53	24.4	28.9	91	72	N 1	SSE 1	9	9	------
11	59.60	58.70	23.8	28.5	84	74	N 1	SSE 2	9	9	19
12	60.09	58.04	23	28.9	100?	64	W 2	WSW 2	10	10	1.5
13	59.73	58.45	24	29.2	86	75	Calm	SW 2	10	10	------
14	59.62	58.48	23.3	28.4	89	74	N 1	SSE 2	2	4	------
15	59.84	59.03	23.6	25.4	86	80	N 1	NW 1	6	8	4.3
16	59.50	58.37	23.2	28.5	90	73	N 1	WSW 1	4	9	------
17	59.08	57.92	23.5	29.4	95	61	N 1	W 1	10	4	------
18	59.18	58.62	24.2	29.3	87	70	N 1	SSW 1	10	3	------
19	59.99	59.18	23	30.4	86	65	N 1	S 1	3	3	------
20	60.34	58.72	23	30.4	81	69	N 1	W 3	9	4	------
21	59.29	58.09	23.2	26.9	87	75	N 1	Calm	7	8	5.4
22	59.54	58.05	24	27.9	91	74	NW 1	W 3	10	9	------
23	58.62	58.18	25.4	23	88	100?	WNW 1	W 3	8	10	27.7
24	58.71	57.60	24.6	28.4	90	75	WNW 2	W 4	10	8	1.5
25	58.71	58.07	23.3	29	90	71	N 1	W 2	6	10	3.8
26	59.11	58.15	22.5	29.4	91	72	N 1	WSW 2	10	10	------
27	60.15	57.75	25	28.9	87	76	WNW 2	Calm	10	10	------
28	59.70	58.52	23.1	29.6	84	62	N 1	E 2	10	7	------
29	59.81	58.47	23.9	28.8	91	73	Calm	SE 3	9	6	------
30	59.90	58.49	23.7	29.5	92	63	N 1	E 2	6	3	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.20	58.01	23.9	28.8	88.4	71.5	1	1.9	8	7.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[a]63.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.94	58.45	22.1	27.8	87	79	N 1	SSE 2	9	3	------
2	59.55	58.33	24.6	28.6	91	73	N 1	SE 2	10	3	------
3	59.98	59.08	24.6	29	90	77	N 1	WSW 2	10	5	------
4	60.09	59.16	24.1	29	89	76	N 1	SSW 2	9	9	------
5	60.13	59.24	23.6	29	90	60	N 1	S 2	4	5	------
6	60.29	59.08	23.3	28.5	85	80	N 1	SSE 3	3	6	7.1
7	59.25	58.79	23.1	28.5	90	85	N 1	SW 3	9	8	------
8	60.48	59.38	23	27.8	90	82	N 1	WSW 1	10	9	------
9	60.74	59.87	23.1	25.8	90	81	N 1	SSE 1	9	9	.8
10	60.04	59.43	23	28.5	90	73	N 1	SW 2	8	9	------
11	59.51	58.29	23.4	29.1	87	71	N 1	SSW 1	3	9	------
12	59.34	57.83	23.1	30.1	91	70	N 1	W 3	8	9	------
13	59.99	58.74	23.4	28.5	87	75	N 1	SSE 3	8	9	------
14	60.40	59.19	23.4	28.5	87	75	N 1	SSE 3	9	8	------
15	59.96	58.75	23.4	27.9	91	79	N 1	SSE 3	8	8	------
16	59.80	59.25	23.1	28.4	86	77	N 1	SSE 3	8	4	------
17	60.25	59.59	23	28.5	86	77	N 1	SSE 1	3	8	4.3
18	60.19	59.52	23.4	28.2	86	78	N 1	SSE 3	3	5	13.5
19	60.31	59.38	23.2	29	90	71	N 1	WSW 2	3	9	------
20	60.56	59.67	24.4	29.5	86	74	N 3	SSE 3	3	3	------
21	60.98	59.79	23.5	29	87	75	N 1	S 1	8	9	------
22	60.49	59.52	23.3	30.6	89	64	N 1	E 2	9	9	------
23	59.88	59.12	23.7	28.9	85	74	N 1	W 1	9	9	1.8
24	60.48	59.09	24.5	29.8	93	71	Calm	S 1	10	4	1.8
25	60.48	59.31	23.9	29.1	91	67	N 1	S 1	10	10	------
26	60.38	59.09	23.7	28.9	86	71	N 1	W 3	9	9	------
27	59.58	58.53	24	28.6	88	75	Calm	WSW 2	6	9	------
28	60.96	59.22	23.4	28	88	70	ENE 1	SSE 2	9	9	1.8
29	60.18	58.88	24.3	29.5	94	72	NNE 1	W 2	9	9	2.3
30	60.50	58.65	24.1	28.5	98	73	Calm	ENE 1	10	10	24.9
31	59.92	59.07	25	30.6	88	59	NE 2	E 2	9	4	------
Mean	60.15	59.07	23.6	28.8	88.9	73.7	1	2	7.6	7.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.3

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.58	59.32	23.5	28.8	81	77	N 1	SSE 2	5	7	------
2	60.05	58.79	23	30	86	70	N 1	S 1	5	6	------
3	59.72	58.63	23.1	26.6	92	77	Calm	SW 3	9	9	------
4	59.81	59.09	23.6	28	87	73	N 1	SSW 2	9	9	------
5	60.03	58.99	23.4	28.7	87	71	N 1	SSE 3	1	5	------
6	59.38	58.09	23.4	28.9	83	73	N 1	SW 2	9	8	------
7	58.73	57.58	23.4	28.9	83	71	N 1	SE 3	2	9	------
8	58.51	57.18	23.2	29	85	75	N 1	SSE 3	9	9	------
9	58.63	57.67	23.9	29.9	81	65	N 1	W 2	9	9	------
10	58.93	57.48	23	29.4	83	71	N 1	SE 3	2	9	------
11	58.12	56.57	23.8	28.6	90	76	N 1	SE 3	9	3	2.5
12	58.33	57.28	24.1	28	94	77	NNW 1	SSE 2	10	7	10.9
13	58.64	57.50	23.7	29	82	76	N 1	SSE 2	3	5	------
14	59.05	57.46	23.9	30.2	84	67	N 1	NW 1	3	8	------
15	58	57.68	24.1	29.6	91	72	N 1	SE 2	9	8	.8
16	57.99	56.28	24.5	28.4	95	75	Calm	SSE 3	10	2	------
17	57.68	56.85	23.2	29.7	83	74	N 1	WSW 2	3	4	------
18	57.91	57.39	23.9	29.4	83	74	N 1	SW 2	4	6	------
19	58.32	57.84	24.7	29.4	90	68	N 1	SSE 3	3	3	------
20	59	58.22	24	31.6	85	51	N 1	E 3	8	2	.8
21	59.06	58.39	24	29.6	91	71	Calm	W 3	9	9	21.1
22	59.53	58.54	23.4	28.1	100	77	N 1	WSW 2	10	10	------
23	58.90	58.38	24.1	30.4	90	61	N 1	E 1	5	9	2.8
24	59.24	57.93	25.4	28.7	88	69	Calm	WNW 1	9	8	.5
25	58.26	57.50	23.5	28.9	91	72	N 1	SSE 3	9	5	------
26	58.49	57.71	24.7	29.1	87	71	Calm	SSW 2	9	9	------
27	59.70	58.07	24.5	30.8	92	64	N 1	ESE 2	9	4	------
28	58.72	56.67	24.6	28.5	91	74	N 1	SSE 3	9	3	------
29	57.65	57.36	24.4	30.4	88	70	N 1	S 2	3	3	------
30	58.28	57.79	23.7	29.8	91	69	Calm	WSW 1	5	4	.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.84	57.81	23.9	29.2	87.8	71	0.8	2.2	6.6	6.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	39.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.71	57.55	24.5	28.5	83	78	N 1	SE 3	3	2	------
2	59.31	58.49	23.3	29.3	89	72	N 1	WSW 2	3	2	------
3	59.13	58.27	23.5	28.9	87	75	N 1	WSW 1	5	10	------
4	58.97	58.64	23.3	27.1	85	81	N 1	SSE 1	8	10	------
5	58.62	58.02	24.1	29.1	90	76	N 1	SSE 2	8	8	------
6	58.77	58.30	24	29.1	91	74	N 1	NNW 1	9	7	8.4
7	58.90	57.59	24	28	91	79	N 1	SSE 3	10	9	14.5
8	58.60	57.63	23.4	27.6	92	80	Calm	NNW 1	9	9	------
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
11	-----	57.37	-----	26	-----	85	-----	W 1	-----	10	------
12	57.76	57.20	24	29.9	89	68	N 1	E 2	6	5	.8
13	58.51	57.32	23.5	29	86	68	N 1	SE 3	4	3	10.2
14	59.03	57.93	24	29	97	76	N 1	S 2	6	5	10.7
15	58.63	58.40	23.8	30	98	62	N 1	E 3	9	3	------
16	60.19	59.67	23.5	29.4	85	71	Calm	WSW 1	5	7	------
17	60.45	59.74	22.6	29.1	89	70	N 1	SW 3	2	2	------
18	60.40	59.62	22.5	30	86	64	N 1	W 3	3	5	------
19	59.49	59.07	23.5	30	83	65	N 1	SW 3	9	4	------
20	59.25	58.29	23.9	29.4	84	71	N 1	SW 2	9	3	------
21	59.56	57.66	25	31.1	87	61	E 2	E 2	10	7	------
22	58.88	58.52	24.5	29	88	81	Calm	WSW 2	10	5	------
23	59.35	58.94	23	28.9	95	78	N 1	SSW 2	5	9	------
24	59.39	58.78	24	29.6	87	64	Calm	ESE 1	6	9	------
25	60.73	59.81	24	28	91	81	Calm	SSE 2	9	9	------
26	60.95	59.64	22.6	28.4	86	68	N 1	WSW 2	8	5	------
27	60.45	59.08	22.3	29	88	71	Calm	SW 2	5	6	------
28	59.99	59.13	23	28.5	88	67	N 1	SW 2	7	9	------
29	60.16	58.17	22.4	28	71	61	ENE 1	W 2	5	9	------
30	58.77	58.02	23	28.5	85	70	Calm	S 2	10	6	------
31	59.66	58.57	22.6	29.9	89	69	N 1	SW 3	8	8	------
Mean	59.38	58.46	23.5	28.9	87.9	71.9	0.8	2	6.8	6.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[b]44.6

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[a] 28 days of observation.

[b] 29 days of observation.

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

Day.	JANUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.68	60.02	21.4	30.9	91	60	Calm	Calm	6	5	------
2	61.63	60.59	24	28	91	77	Calm	Calm	6	5	------
3	62.16	60.75	22.5	31.5	96	66	Calm	N 2	5	6	------
4	61.80	60.60	20.6	30.1	94	71	Calm	N 2	6	5	------
5	62.81	60.78	22.6	29.3	95	72	Calm	NE 2	6	6	------
6	62.54	60.57	22.5	30.5	96	61	N 1	N 2	5	6	------
7	63	60.52	20.5	31	91	54	Calm	N 3	5	5	------
8	63.06	61.84	20	29.5	92	-----	N 1	N 3	5	5	------
9	63.90	62.36	21.5	30.5	88	62	N 1	N 3	5	6	------
10	63.60	61.79	22.3	29.6	84	58	N 2	N 3	5	6	------
11	62.35	61.07	20.5	29.8	86	62	N 2	N 2	5	6	2.8
12	61.64	58.58	22	25	96	91	N 1	Calm	9	10	19.3
13	61.23	58.91	21.4	31	96	64	Calm	N 1	6	7	------
14	60.85	59.27	20	29.5	95	68	Calm	N 1	6	9	------
15	61.36	59.77	23	26	96	84	Calm	Calm	8	9	------
16	61.77	59.74	22.5	28	96	77	Calm	Calm	6	9	------
17	61.95	59.77	20.5	31.5	95	62	Calm	N 1	5	6	------
18	61.59	59.97	20.9	28	96	77	Calm	N 1	5	9	21.6
19	60.56	57.86	22.5	29	96	71	Calm	N 1	5	6	------
20	60.04	58.59	23.4	28	92	77	Calm	Calm	5	8	7.7
21	59.91	59.01	22.5	29.7	96	72	Calm	N 1	7	6	------
22	59.84	58.87	23	29	88	71	Calm	N 1	5	6	------
23	60.27	59.24	23.9	25.5	88	91	Calm	Calm	5	9	2.5
24	59.89	58.28	23.4	28.3	92	74	Calm	N 2	6	9	------
25	59.69	58.52	22.5	26.5	96	80	Calm	Calm	9	9	------
26	59.61	58.92	22	28.8	96	75	Calm	Calm	8	6	14
27	60.43	58.37	23.4	31	97	63	Calm	N 1	6	6	------
28	60.66	58.59	22.5	29.7	96	67	N 1	N 3	7	5	------
29	60.06	58.44	22.5	30.5	87	63	Calm	N 1	5	6	------
30	60.03	58.49	24	26.4	91	85	Calm	N 2	7	9	------
31	60.71	58.99	22.6	28	98	73	Calm	N 3	9	7	------
Mean	61.34	59.65	22.2	29	93.1	70.9	0.3	1.3	6.1	6.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	67.9

Day.	FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.91	58.09	19.6	30.4	94	31	Calm	N 2	9	6	------
2	59.74	58.08	23	28.5	87	70	N 1	Calm	6	9	------
3	59.59	58.87	23.4	30.9	92	67	Calm	Calm	8	5	9.1
4	59.68	58.44	23.5	28.5	96	78	Calm	NE 2	9	9	------
5	59.47	58.47	24	29	87	70	NE 2	NE 3	6	5	------
6	59.22	58.37	22	31.3	88	48	Calm	NE 3	6	5	------
7	60.18	58.76	20.5	30.2	91	58	N 1	NE 2	6	5	------
8	61.09	59.09	20	30.5	91	53	Calm	Calm	5	5	------
9	60.71	60.30	22	26.2	92	83	Calm	Calm	5	8	------
10	61.36	59.50	22.1	32	90	58	Calm	NE 2	5	6	------
11	60.77	59.57	22.5	32.2	82	51	Calm	NE 3	5	6	------
12	61.61	60.96	22.4	29	90	66	Calm	NE 3	5	9	------
13	62.07	61.02	21.5	29.3	91	59	NE 3	NE 4	6	5	------
14	62.40	60.56	20	31.1	91	62	NE 2	NE 3	6	6	12.4
15	62.26	59.84	19.5	29.9	95	62	Calm	NE 2	5	6	------
16	62.98	60.02	20.5	30	91	56	NE 1	Calm	6	6	------
17	62.39	59.90	19.5	32.8	90	47	Calm	NE 2	5	6	------
18	61.96	60.16	22.5	32.7	87	53	Calm	NE 2	5	6	------
19	61.83	60.25	21.5	30.5	87	57	Calm	NE 2	5	8	------
20	61.96	60.75	22.5	33.5	91	40	NE 1	NE 2	6	5	------
21	61.76	59.47	19.5	31.5	90	53	Calm	Calm	5	6	------
22	61.21	58.94	22.5	28.6	91	76	Calm	Calm	6	6	------
23	61.36	59.39	22	30	96	67	Calm	Calm	5	6	------
24	61.34	59.12	22.5	33	92	53	Calm	NE 2	5	6	------
25	60.78	59.35	21.5	32.3	95	56	Calm	NE 1	5	6	------
26	61.51	59.91	22.5	33.8	92	55	Calm	Calm	6	5	------
27	62.40	60.45	21.6	32.9	92	47	NE 1	NE 2	6	6	------
28	62.28	60.21	20.5	32.5	91	52	Calm	SE 2	5	6	------
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	61.21	59.57	21.6	30.8	90.8	58.1	0.4	1.6	5.8	6.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	21.5

Day.	MARCH.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.83	59.88	21	33	91	47	Calm	NE 2	5	6	------
2	62.11	59.58	24	34	83	50	Calm	SE 1	5	6	------
3	61.44	58.50	23	32.8	91	56	SE 1	NE 1	5	6	------
4	59.08	58.28	23.5	28.3	91	75	Calm	Calm	5	9	4.6
5	59.36	57.32	22.5	30.7	96	70	Calm	Calm	6	7	------
6	59.81	57.24	24	31.9	96	59	Calm	NE 1	6	6	------
7	59.98	56.14	21.5	32	95	61	Calm	NE 1	5	6	3.8
8	58.25	56.68	23.5	32.7	96	57	Calm	Calm	5	6	------
9	58.78	57.19	21	31.1	95	60	Calm	Calm	6	5	------
10	59.36	57.77	22.5	32.4	96	61	Calm	Calm	6	5	11.4
11	59.18	57.50	23.5	33.3	96	57	Calm	Calm	6	5	25.4
12	59.58	58.67	24	31.2	96	64	Calm	NE 1	7	7	24.4
13	60.78	59.52	24	32.1	96	65	Calm	Calm	8	6	------
14	60.53	59.39	24	32.5	92	55	Calm	Calm	5	6	------
15	60.98	58.95	23	33.4	91	49	Calm	Calm	5	6	------
16	61.15	58.87	21	30.9	91	57	Calm	Calm	6	5	------
17	61.25	60.12	20	30.9	92	60	Calm	Calm	7	6	------
18	62.67	60.41	21.5	33.7	95	41	Calm	NE 2	5	6	------
19	62.08	59.35	21.3	33.7	84	49	Calm	NE 2	5	6	------
20	60.22	58.09	21.6	32	89	57	Calm	ENE 2	5	6	22.4
21	59.21	57.50	22.5	32.9	96	54	Calm	E 2	5	6	------
22	59.46	57.62	22	31	96	62	SE 1	Calm	6	5	2.5
23	59.71	57.13	22.5	32.5	92	55	Calm	Calm	6	6	------
24	59.21	57.38	22.5	34.5	91	51	Calm	NE 1	5	6	------
25	59.52	57.28	23	34	91	48	Calm	NE 2	5	6	------
26	58.56	57.31	24	33	87	50	Calm	SE 2	6	5	------
27	59.12	57.31	24	31.5	91	60	ENE 1	NE 2	6	5	------
28	59.35	58.42	24.5	30	92	68	Calm	E 2	6	7	81.3
29	60.37	57.89	22	32.5	96	56	Calm	Calm	5	6	------
30	59.69	58.70	23.2	33.5	94	56	Calm	E 2	9	7	------
31	58.30	56.33	21	33	93	58	Calm	Calm	6	7	------
Mean	60.03	58.14	22.6	32.3	92.6	57	0.1	0.8	5.7	6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	175.8

Day.	APRIL.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.22	57.47	22	31.5	96	60	Calm	Calm	6	7	------
2	58.68	57.18	21.5	32.3	95	61	Calm	NE 1	5	6	------
3	58.90	58.01	24	32.5	96	61	Calm	SE 1	5	6	------
4	59.48	58.85	23.3	33.5	97	61	Calm	Calm	5	6	------
5	59.88	-----	23.5	32.5	97	66	Calm	Calm	5	6	------
6	60.01	58.46	23	32.5	96	60	Calm	E 2	5	6	------
7	60.13	58.23	23	34	95	47	Calm	Calm	5	6	------
8	60.55	58.83	21.5	34	95	45	Calm	E 2	5	6	------
9	61.06	58.86	23	34.3	87	60	Calm	SE 1	5	6	------
10	60.57	58.10	21.6	33	87	55	Calm	Calm	5	6	------
11	59.36	57.05	22	34.5	91	44	Calm	SW 1	7	6	------
12	59.81	57.18	24.6	34	91	52	Calm	Calm	7	6	9.1
13	60.08	58.19	22.2	33.5	92	51	Calm	SSE 1	5	6	------
14	60.28	58.86	23.5	32.6	96	68	Calm	SW 1	6	6	------
15	61.08	60.66	23.6	34	96	48	Calm	Calm	5	6	------
16	60.69	58.87	23	33.5	96	52	Calm	SW 2	6	6	------
17	59.62	57.85	23.7	33	94	56	Calm	SW 1	6	6	------
18	60.68	57.38	23.5	33.4	96	57	Calm	Calm	5	6	------
19	59.73	57.89	22.5	29.5	96	71	Calm	SE 1	5	8	------
20	60.77	59.25	24	34.5	96	54	Calm	SE 2	6	7	------
21	60.72	59.32	25	32	80	62	Calm	NW 2	10	7	------
22	59.22	58.72	23	30.2	96	77	Calm	Calm	7	6	11.7
23	60.27	58.20	24	33.5	97	61	Calm	Calm	5	5	------
24	59.58	57.95	23.5	32.8	96	62	Calm	Calm	6	5	------
25	59.40	58.61	24	31.5	96	67	Calm	SE 1	5	6	------
26	59.93	57.92	23.3	32.5	95	59	Calm	Calm	5	6	------
27	59.16	57.38	22.5	33.5	91	50	Calm	SE 2	5	7	1.8
28	58.96	57.65	24.5	31.2	96	62	Calm	ENE 2	5	9	------
29	58.49	56.58	23	33.3	96	58	Calm	SE 1	5	6	------
30	58.61	56.98	24	32.4	98	62	Calm	SE 1	8	6	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.80	58.15	23.2	32.8	94.2	58.3	0	0.8	5.7	6.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	22.6

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, −1.91 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.63	58.30	21	33.5	95	56	Calm	SE 1	6	6	------	58.26	57.92	26.5	30	94	75	Calm	Calm	6	5	------
2	59.90	58.28	22	32.8	96	64	Calm	Calm	5	6	------	59.06	57.68	24.5	31.3	96	73	Calm	Calm	8	6	------
3	60.21	57.56	24	32.3	96	62	Calm	SE 1	5	6	------	59.15	57.56	24	31	94	74	Calm	Calm	7	5	------
4	59.14	57.63	22.5	34.4	96	56	Calm	NE 3	5	6	------	59.07	58.73	24	26.5	96	92	Calm	Calm	9	10	11.7
5	57.84	55.38	21.5	35.4	97	48	Calm	SE 2	5	7	------	60.01	59.07	23	31.8	96	64	Calm	S 1	5	6	2.5
6	58.02	56.25	24	31.5	97	65	Calm	SE 1	6	6	------	60.67	58.72	23	31	96	69	Calm	Calm	7	6	27.9
7	58.88	57.75	23.5	34	96	54	Calm	Calm	5	7	------	59.23	57.99	24	30	96	66	Calm	Calm	5	7	17.3
8	58.99	57.28	23	33.2	97	63	Calm	SE 1	6	7	------	59.73	57.37	23.5	32.5	96	62	Calm	SE 1	6	6	33
9	57.55	55.26	24	35	95	62	Calm	SE 2	7	6	------	59	57.57	24	32	96	64	Calm	Calm	5	7	------
10	56.62	54.38	24.5	32.4	95	64	Calm	SW 1	5	5	55.9	59.74	59.78	25.1	30.6	83	74?	Calm	Calm	6	5	------
11	56.98	55.82	25	29.9	98	74	Calm	Calm	9	9	18.5	59.60	59.26	24	31.8	92	74	Calm	Calm	6	3	------
12	57.82	56.51	24	34	95	54	Calm	SW 1	6	5	------	59.36	57.20	24	32.1	97	63	Calm	Calm	5	6	------
13	58.20	56.60	24	32.9	97	58	Calm	SW 1	6	8	------	58.99	56.75	23.5	32.4	96	66	Calm	Calm	5	6	------
14	59.18	58.21	23.9	31	92	67	Calm	Calm	6	7	11.9	59.30	56.70	24	32.7	93	62	Calm	Calm	5	6	3.3
15	58.90	57.82	24	32.5	97	61	Calm	NE 1	7	6	14.5	58.55	55.99	22.5	32	99	66	Calm	Calm	6	6	------
16	59.69	57.87	23.3	31.5	97	79	Calm	Calm	6	8	22.3	57.54	55.02	24	32.8	96	65	Calm	Calm	6	6	12.2
17	59.90	57.28	24	33.3	93	57	Calm	Calm	7	6	19.3	56.51	55.34	23	28.8	96	76	Calm	Calm	8	9	------
18	59.97	58.75	23.2	32.8	96	62	Calm	Calm	7	6	61	56.36	55.68	23.5	30.9	97	66	Calm	SW 1	8	6	4.6
19	60.06	57.74	22.5	31.4	96	62	Calm	NW 1	6	6	------	57.93	55.96	24.5	31	96	69	S 1	S 1	5	6	8.9
20	59.53	58	23.5	33.2	97	58	Calm	Calm	5	6	33	58.25	57.06	22	31	96	69	Calm	Calm	5	5	------
21	60.23	58.60	24	32	96	70	Calm	Calm	5	7	49.5	59.22	57.30	23	31.7	96	65	Calm	Calm	6	5	53.3
22	60.37	58.93	24	31	94	69	Calm	SW 1	9	7	53.3	59.72	57.43	23	29	97	78	Calm	Calm	7	9	30.5
23	60.93	58.72	23.5	32.5	96	61	Calm	Calm	7	6	------	59.03	58.42	23.5	26.8	96	86	Calm	SE 2	10	7	38.6
24	58.81	56.08	24	32	96	64	Calm	Calm	7	6	------	57.40	56.39	23.8	28.3	97	80	Calm	Calm	10	6	------
25	57.53	56.75	24.3	32.4	95	62	Calm	Calm	5	7	------	57.37	56.28	22.5	31	96	65	Calm	Calm	5	5	------
26	58.09	56.70	24	32	97	70	Calm	Calm	6	6	------	57.27	56.41	24	28.2	96	76	Calm	Calm	6	7	------
27	55.78	54.92	24.2	30.7	96	66	Calm	Calm	7	6	------	57.08	56.27	24.5	30.4	96	68	Calm	Calm	5	6	------
28	55.13	54.47	24.5	29	97	76	Calm	Calm	7	8	------	57.08	55.92	24	29.1	96	74	Calm	Calm	5	6	------
29	56.20	54.88	23.5	30.5	96	65	Calm	Calm	7	8	------	57.96	56.89	25.5	29.5	96	66	Calm	SW 1	5	6	34.8
30	57.45	56.12	23.5	30	97	59	Calm	Calm	6	7	------	58.15	56.58	23.8	30	97	71	Calm	Calm	7	7	------
31	57.93	56.64	26.5	29.9	86	60	Calm	Calm	8	7	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.56	56.95	23.7	32.2	95.6	62.8	0	0.5	6.3	6.6	------	58.55	57.17	23.8	30.5	95.5	70.6	0	0.2	6.3	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	339.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	278.6

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.47	55.82	24	31.3	96	70	Calm	Calm	6	5	------	59.48	57.10	21.5	31.5	95	60	Calm	Calm	5	6	------
2	57.88	56.22	24.5	30.5	96	72	Calm	Calm	6	6	------	59.43	56.71	21.5	32.5	95	55	Calm	Calm	5	5	35.6
3	57.74	55.70	25	32	96	72	Calm	Calm	5	6	------	58.25	56.47	23.5	30.2	96	74	Calm	SW 2	5	6	45.7
4	56.52	54.89	25	31	96	69	Calm	Calm	6	6	4.6	58.34	56.94	22.2	29.8	98	73	Calm	Calm	7	6	7.6
5	56.88	56.10	24.5	29	96	64	Calm	Calm	9	9	------	58.63	57.67	24	30	96	71	Calm	SE 1	9	6	11.4
6	57.25	55.67	23.5	31	96	63	Calm	Calm	6	5	------	59.08	57.92	23.5	28.2	96	80	Calm	SW 1	5	6	28.7
7	57.87	57.12	24	31	96	75	Calm	SW 1	6	6	------	58.91	57.92	22.5	28	98	74	Calm	Calm	8	8	------
8	58.83	56.42	23.5	30.5	96	72	Calm	Calm	6	5	------	58.87	57.54	23.5	29	92	74	Calm	Calm	5	8	------
9	58.13	56.92	24	28.5	97	81	Calm	Calm	6	8	------	59.19	57.69	23	30.5	96	71	Calm	SW 1	5	6	------
10	58.67	58.19	23.6	31	96	65	Calm	Calm	6	5	------	58.64	56.74	23.5	29	96	74	Calm	Calm	5	6	------
11	59.87	58.52	24	29.9	96	79	Calm	SE 1	6	5	------	57.22	55.62	22.5	30	96	65	Calm	Calm	5	6	------
12	59.46	58.79	24.5	30.2	96	78	Calm	SW 2	5	6	------	57.70	56.51	23	28.4	96	75	Calm	Calm	5	8	------
13	59.13	57.91	23.5	31.5	97	73	Calm	Calm	6	5	------	58.16	56.83	24.5	29.1	96	73	Calm	SW 1	6	6	------
14	59.06	58.18	25	30.5	96	73	Calm	Calm	6	7	7.4	59	57.49	25	30	96	68	Calm	SW 1	5	6	------
15	59.19	57.89	23.4	31.5	97	72	Calm	NW 1	7	6	------	58.31	56.54	24	28.6	97	75	Calm	Calm	9	8	19.3
16	58.08	56.69	24	29.9	97	73	Calm	Calm	6	6	------	58.04	55.77	22.5	30.5	96	62	Calm	Calm	6	7	4.8
17	57.51	57.56	23.4	27.5	98	78	Calm	Calm	5	6	------	58.74	56.67	23.5	30.6	96	65	Calm	Calm	6	6	11.4
18	57.91	56.43	23.4	31.4	97	60	Calm	Calm	5	6	------	58.71	56.89	22.5	30	96	71	Calm	Calm	5	6	------
19	58.16	56.77	24.5	24.5	97	90	Calm	Calm	7	6	------	58.43	57.42	24	30	96	71	Calm	SW 2	6	6	------
20	57.32	56.84	22.5	29.5	97	71	Calm	Calm	5	7	4.8	58.34	57.06	23	31	98	59	Calm	Calm	5	6	------
21	58.07	56.59	22.5	30.5	96	68	Calm	Calm	9	6	6.1	58.68	56.55	22.8	32	94	61	Calm	SW 1	5	6	------
22	57.31	55.22	23.3	30.5	97	62	Calm	Calm	5	6	------	59.47	57.89	23	31.5	96	66	Calm	SW 2	5	6	------
23	56.25	55.27	23.5	30.5	96	70	Calm	Calm	5	6	------	59.92	58.69	23	31	91	62	Calm	Calm	5	6	------
24	57.35	56.94	22.5	29.4	96	72	Calm	SE 2	5	8	8.4	60.17	58.61	24	32	91	66	Calm	SW 1	5	7	------
25	58.55	57.54	24	29.1	96	68	Calm	SE 2	6	5	------	59.71	57.74	22	31.5	96	67	Calm	NW 2	6	5	7.6
26	58.51	57.29	24.5	30	96	62	Calm	SE 2	6	4	------	59.09	57.28	22.5	30	96	72	Calm	NE 2	6	6	------
27	59.12	57.22	23	31	96	65	Calm	Calm	5	5	------	59.79	57.33	22.5	30	96	68	Calm	NE 2	5	6	------
28	59.64	58.14	22	31.6	96	64	Calm	SE 1	5	6	------	60.16	58.62	22.5	30	96	69	Calm	E 2	5	6	------
29	60.06	58.87	22.5	29.5	96	77	Calm	SE 2	5	7	------	60.43	59.49	23.5	31.4	96	68	Calm	Calm	5	6	------
30	59.22	57.56	23.5	30.5	96	70	Calm	SE 2	5	6	7.1	59.93	58.46	23.5	31.6	96	68	Calm	SW 2	5	7	------
31	59.75	57.69	22.2	31.4	98	63	Calm	Calm	5	5	------	59.79	57.20	28	32	96	66	Calm	NW 1	6	6	------
Mean	58.28	57	23.7	30.2	96.4	70.7	0	0.5	5.8	6	------	58.99	57.33	23.1	30.3	95.6	68.5	0	0.8	5.6	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	38.4	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	172.1

DAVAO.

[φ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.41	56.52	24	31.6	96	73	Calm	NNW 1	6	6	------	59.82	57.42	24.2	31.4	95	72	Calm	NE 1	8	6	------
2	58.08	56.37	24	30.5	96	72	Calm	SW 2	5	6	------	59.93	57.71	22.5	31.1	96	72	Calm	Calm	5	6	------
3	57.67	56.09	25.5	30.5	88	69	SW 2	Calm	6	6	------	60.26	58.33	24.5	30.7	96	67	Calm	NW 1	5	6	8.1
4	58.67	56.33	23	30	96	65	Calm	SW 1	5	7	------	60.48	58.34	23.5	30.6	97	71	Calm	SW 1	5	6	16.2
5	58.36	55.99	25	30	83	71	Calm	Calm	6	5	------	60.62	58.64	23	30	96	69	Calm	NW 1	7	6	------
6	58.20	56.05	23.5	32	91	66	Calm	S 2	6	6	------	59.99	58.07	23.5	32	96	64	Calm	Calm	5	6	24.6
7	57.90	56.12	23.5	30.5	96	68	Calm	SW 1	5	6	------	59.54	57.64	23.5	30.5	96	72	Calm	Calm	7	5	------
8	58.16	56.64	24.5	29	92	78	Calm	SW 2	6	6	------	60.53	58.02	23.8	31.8	94	61	Calm	Calm	5	7	21.1
9	59.68	57.11	23.5	28.3	96	75	Calm	Calm	5	8	------	61.06	58.98	23.5	31	96	75	Calm	SW 2	7	6	2.5
10	58.98	57.52	23.5	30.2	96	71	Calm	Calm	5	6	------	60.18	58.14	22.5	30.6	96	71	Calm	Calm	5	6	6.4
11	59.39	57.55	23.5	31.5	97	63	Calm	SW 2	5	6	------	59.31	57.54	22.5	29.8	96	70	Calm	Calm	5	8	10.7
12	59.08	57.05	23.5	31.4	97	67	Calm	Calm	5	6	------	59.56	57.20	22.5	32.3	96	62	Calm	Calm	5	7	47
13	59.17	57.22	24	30	97	65	Calm	Calm	5	6	1.5	60.38	58.22	23.5	33	96	60	Calm	NNW 2	6	5	23.6
14	59.43	57.87	24	31.7	96	64	Calm	Calm	7	5	36.3	60.91	58.65	23.5	30.6	97	68	Calm	SW 1	6	7	53.3
15	60.56	58.03	22.6	31	97	72	Calm	NW 1	6	6	------	60.78	59.12	23	31.5	96	66	Calm	Calm	7	7	8.4
16	59.54	57.64	25.5	31.1	96	74	Calm	Calm	6	5	------	60.13	58.56	23.5	29.5	97	70	Calm	Calm	8	7	2.5
17	58.86	56.81	24.8	31.6	89	68	Calm	SW 2	5	7	------	60.61	59.07	23	31.7	96	65	Calm	Calm	6	5	6.1
18	59.83	57.52	25	31.5	96	63	Calm	SW 1	5	6	------	60.69	59.07	23	32	96	58	Calm	Calm	6	5	------
19	60.06	58.21	22.5	32.5	91	63	Calm	SW 1	6	6	24.1	60.66	58.82	22.5	31	96	72	Calm	Calm	5	6	------
20	59.75	58.02	22.5	31.5	96	63	Calm	Calm	5	9	------	61.06	59.47	22.2	31.5	98	69	Calm	Calm	5	7	14
21	59.89	56.61	22	33	96	58	Calm	Calm	6	6	------	61.39	59.44	23	30.5	97	68	Calm	Calm	6	5	------
22	58.21	56.25	22.5	31.5	96	63	Calm	Calm	5	6	------	60.76	59.07	22	32	96	63	Calm	Calm	6	5	22.1
23	57.69	55.85	22.3	31	97	62	Calm	Calm	5	6	------	60.16	59.09	22.5	29	96	71	Calm	Calm	5	9	------
24	57.70	55.86	23	30.8	96	64	Calm	Calm	5	7	------	60.54	58.39	23	29.5	96	68	Calm	Calm	7	6	------
25	58.74	56.65	23	31.5	96	63	Calm	SW 2	6	8	------	60.68	58.92	23.5	31	96	69	Calm	Calm	5	6	------
26	59.03	56.92	23.5	30.5	96	65	Calm	Calm	8	6	------	60.66	58.59	22.5	30	96	71	Calm	E 1	5	8	17
27	59.23	57.30	23.5	31	96	65	Calm	Calm	5	6	------	60.21	58.22	22.5	31	96	62	Calm	SW 1	7	6	------
28	59.99	58.12	23.5	30.5	97	62	Calm	NW 2	5	6	------	60.99	59.17	23.5	29.5	96	68	Calm	Calm	5	6	------
29	59.72	57.79	23.8	30.9	96	63	Calm	SW 2	7	6	------	60.44	59.07	23.4	27.5	97	77	Calm	NW 2	5	9	21.6
30	59.90	57.57	24	31.5	96	66	Calm	Calm	5	7	------	60.49	58.90	23	26.2	96	90	Calm	SSW 1	10	9	4.6
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	61.11	59.02	22.5	31	96	58	Calm	Calm	5	6	------
Mean	59	56.99	23.6	31	94.8	66.7	0.1	0.7	5.6	6.3	------	60.45	58.54	23.1	30.6	96.1	68.4	0	0.5	5.9	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	61.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	309.8

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.11	59.25	22.5	30.5	96	71	Calm	Calm	5	6	------	59.18	57.67	21.5	30.5	95	71	Calm	NE 2	6	6	------
2	60.67	58.27	21.6	31.5	96	66	Calm	Calm	5	7	------	59.40	57.53	21.6	31.5	95	65	Calm	NE 2	5	6	------
3	59.85	57.75	22	31.3	96	68	Calm	NE 1	5	6	4.6	59.28	57.23	23	32	96	63	Calm	NE 2	5	7	------
4	60.53	58.69	24	30	96	75	Calm	Calm	10	5	2.5	59	57.89	24	29.3	96	69	Calm	NE 1	6	5	------
5	60.47	58.70	22	30.8	96	64	Calm	Calm	5	7	------	59.68	57.40	23.5	30.5	96	71	Calm	NE 1	6	5	3.6
6	59.76	57.58	22.5	31.8	96	64	Calm	E 2	5	5	------	59.43	57.20	22.5	30.8	96	60	Calm	Calm	5	8	------
7	59.22	57.30	22	31.3	96	66	Calm	NE 1	5	5	------	58.89	57.44	23.5	28.5	96	74	Calm	NE 2	8	10	5.3
8	59.04	57.20	23	31.1	96	67	Calm	Calm	5	5	11.2	58.68	56.30	21.5	31	95	69	Calm	NE 1	6	5	13.7
9	59.08	57.27	21.5	30.2	95	68	Calm	Calm	5	7	3.6	58.32	56.50	22	31	96	65	Calm	Calm	5	6	------
10	58.98	57.05	24	31.5	96	63	Calm	NE 1	8	6	------	58.58	57.26	23.5	27.1	96	81	Calm	NW 2	10	9	------
11	58.55	57.29	23.4	26.6	97	91	Calm	Calm	5	10	2.5	58.36	57.16	23	27.9	96	74	Calm	N 1	5	9	------
12	58.73	57	22.5	31	96	67	Calm	NE 1	6	5	------	58.66	57	22.5	31	96	59	Calm	Calm	5	6	------
13	59.01	56.88	23	31.8	96	57	Calm	NE 1	6	5	------	58.87	58.24	24	25.5	96	88	Calm	Calm	9	10	9.4
14	59.01	56.80	22.5	31.4	96	66	Calm	NE 1	5	6	4.8	59.54	58.71	20	26.5	96	82	Calm	NE 1	6	10	32.5
15	58.51	56.93	23	29.6	96	69	Calm	Calm	6	5	5.8	59.58	58.71	20	29.5	95	68	Calm	Calm	5	7	------
16	58.11	56.47	22	30	96	69	Calm	Calm	5	6	------	60.80	59.62	20.5	31	95	63	Calm	NE 1	6	5	------
17	58.32	56.62	22.5	30	96	74	Calm	NE 1	5	5	------	60.93	59.07	21	31	96	66	Calm	NE 2	5	6	------
18	58.51	56.80	22.5	31	96	69	Calm	N 2	5	6	------	60.52	58.67	22	31.1	96	65	Calm	NE 2	5	6	------
19	59.04	57.75	23	31	97	73	Calm	Calm	5	6	------	59.63	58.25	23.5	31.5	96	60	Calm	NE 2	5	6	3
20	59.93	58.02	23.5	30	98	78	Calm	NE 1	5	6	------	59.25	57.52	24	31.4	96	61	NE 1	Calm	5	6	------
21	59.58	57.68	23	31.4	96	70	NE 1	NE 1	5	6	------	59.78	57.20	23.5	30.3	94	63	Calm	Calm	5	6	------
22	59.08	57.77	23.5	31	96	93	Calm	NE 1	5	6	------	59.36	58.08	22.5	30.4	96	64	Calm	NE 1	5	6	------
23	59.44	57.88	23	29	97	71	Calm	NE 2	5	8	------	59.50	58.30	22.5	31.6	96	66	Calm	NE 2	5	6	------
24	59.21	57	23	30.9	97	60	Calm	Calm	6	5	4.6	60.34	57.87	23	31.4	96	57	Calm	NW 2	7	7	------
25	58.37	56.70	22.8	30.5	97	66	Calm	NE 1	5	6	------	61.57	59.45	22	29.9	96	65	Calm	Calm	5	6	------
26	58.26	57.97	23	29.6	96	69	Calm	Calm	5	6	3.8	60.78	59.05	21.5	31	95	66	NE 1	Calm	5	6	------
27	60.12	58.13	23	29.5	95	68	Calm	NE 2	6	9	------	61.06	59.13	22.5	31.1	96	69	Calm	NE 2	5	6	------
28	59.82	56.69	23	31.6	96	62	Calm	NE 1	6	5	2.5	60.37	58.37	22	31	96	65	Calm	NW 2	5	6	------
29	58.30	56.80	22	31	96	65	Calm	NE 1	5	6	------	59.15	57.08	20.5	31	95	63	Calm	NW 2	5	6	------
30	58.78	58.48	23.5	25	96	96	Calm	Calm	8	10	------	59.09	57.30	21	31	95	59	Calm	NE 1	5	6	8.4
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	60.33	57.97	23.5	31	96	68	Calm	NW 1	5	6	------
Mean	59.25	57.49	22.8	30.4	96.2	70.2	0	0.7	5.6	6.2	------	59.61	57.91	22.3	30.3	95.7	67.1	0.1	1.1	5.6	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	48.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	75.9

COTABATO.

[ϕ=7° 13′ N; λ=124° 15′ E; barometer above sea, 3 meters; gravity correction not applied, −1.91 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°C.	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.67	59.26	21	33.3	83	45	SE 2	E 2	3	6	------	59.18	57.37	20.2	33.8	91	52	E 1	NW 2	4	6	
2	60.95	59.46	22.3	32.5	92	56	SE 1	E 2	7	9	------	58.83	57.49	22.3	32.1	88	57	E 1	NE 1	9	8	------
3	61.58	59.88	23.1	33.9	88	50	SE 1	E 2	6	7	------	59.18	57.49	23.7	30.2	91	68	E 1	NW 3	4	7	8.6
4	60.94	60.31	20.7	30.3	87	58	SE 2	NW 2	7	7	------	58.93	57.85	23	29.4	95	72	E 1	E 2	4	9	------
5	61.26	60.39	22.8	34.3	91	43	E 1	NW 2	8	9	------	58.32	57.47	23.3	32.8	87	51	E 1	SE 3	7	8	------
6	62.04	60	21.1	33.7	90	48	SE 1	SSE 2	4	7	------	59.34	57.99	21.7	31.6	79	55	SE 1	NW 3	4	5	------
7	62.66	60.19	20.4	34	91	48	E 1	N 1	4	3	------	59.49	58.37	20.7	30.1	89	54	E 1	E 1	6	9	------
8	62.87	61.07	20.8	32.3	92	54	SE 1	NW 2	4	5	------	60.50	59.01	19.8	32.6	92	50	E 1	NW 2	7	7	------
9	63.55	61.08	21.6	32.3	87	56	E 1	NW 1	3	6	------	59.65	58.83	22.4	33.7	91	55	E 1	E 1	9	9	------
10	62.72	60.86	22.2	34.2	79	47	SE 2	E 1	4	7	------	59.66	58.22	23.2	34	91	53	E 1	E 1	9	6	------
11	61.92	59.91	20.2	34.2	87	45	E 1	NE 1	6	4	------	59.79	59.14	23.7	31.8	85	58	E 1	NW 3	8	7	------
12	61.35	58.99	22.1	27.7	90	79	E 1	E 1	9	9	------	60.30	59.27	23.6	34.4	88	43	SE 1	SE 2	9	7	------
13	61.20	58.27	22.1	31	96	64	NE 1	NW 2	6	4	------	61.03	60.03	22.4	30.6	83	63	E 1	NW 3	4	7	------
14	60.48	58.69	23.3	33.5	82	51	E 1	E 1	7	5	2	61.51	59.28	21.3	34.5	89	42	E 1	S 1	4	6	------
15	60.81	59.01	24	30.1	91	69	E 1	NE 2	9	8	------	61.21	59.27	20.8	30.4	86	59	E 1	NW 3	3	6	------
16	60.95	59.08	22.1	31	96	68	E 1	E 2	3	8	------	61.01	59.20	23.1	33.5	77	49	SE 1	NW 3	2	2	------
17	61.31	59.27	22.4	33.5	84	51	SE 2	E 2	2	4	------	61.30	59.47	21.9	30.9	83	59	E 1	NW 3	2	7	------
18	61.16	58.94	22.3	31.5	89	60	E 1	NW 2	2	7	------	61.17	59.20	21.6	33.1	88	53	E 1	NW 2	4	3	------
19	60.01	57.08	24.5	33.8	84	54	E 1	E 2	9	8	1.5	61.11	58.93	22	31.4	91	70	SE 1	NE 1	3	4	------
20	59.22	57.31	24.3	31.8	88	56	NE 1	E 2	9	9	------	60.70	58.85	24.5	33	89	55	E 1	NW 3	9	4	------
21	58.80	57.12	24.3	34.5	86	53	E 2	S 2	4	7	------	60.84	58.19	21.5	36	88	39	E 1	E 1	5	5	------
22	58.88	57.57	22.8	33.7	84	51	E 1	E 2	6	6	------	60.59	58.52	21.6	34.3	90	48	SE 1	N 1	8	5	------
23	58.85	58.08	23.7	32.8	86	57	E 1	E 2	9	8	------	60.65	59.56	21.7	32.2	92	57	E 1	W 3	7	2	------
24	59.08	57.55	24.6	29.7	86	68	E 1	NW 2	9	8	------	60.81	58.92	22.8	32.2	89	59	E 1	W 3	4	3	------
25	58.68	57.32	23.5	32.1	87	57	E 1	SE 3	8	7	------	60.09	58.80	24.1	32.2	90	60	SE 1	W 3	9	4	------
26	58.85	57.87	23.8	32.1	86	60	E 1	SW 1	5	8	------	60.56	59.20	23.6	32.1	90	63	E 1	NW 3	9	3	------
27	60.03	58.01	23.7	32.1	91	61	NE 1	N 3	8	7	14.5	61.51	59.60	21.8	31.9	88	57	SE 1	NW 3	2	3	------
28	60.06	57.99	23.3	30.3	95	68	NE 1	N 2	9	9	------	61.23	59.69	22.7	31.4	82	62	SE 1	NW 4	6	6	------
29	59.32	57.71	21.8	31.8	91	58	E 1	NW 3	6	8	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	59.11	57.27	23.4	30.9	93	66	E 1	NW 2	8	9	2.5	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	59.08	58.13	23.8	32.7	88	57	E 1	E 1	9	7	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	60.63	58.83	22.6	32.8	88.4	56.7	1.2	1.8	6.2	7	------	60.30	58.76	22.3	32.4	87.9	55.8	1	2.3	5.8	5.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	20.5	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	8.6

	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.29	59.55	22.6	32.7	82	54	SE 1	NW 3	4	4	------	58.05	56.93	23.8	29.7	91	74	S 1	NW 2	4	8	11.4
2	61.68	59.11	22.5	33.3	88	57	S 1	NW 3	7	7	------	58.21	57.19	22.3	31.2	91	62	E 1	W 3	4	5	4.3
3	60.79	57.85	23.6	32.7	89	60	E 1	NW 3	3	3	1.5	58.57	57.38	24.7	32.3	94	63	E 1	W 4	4	7	------
4	58.44	57.03	23.8	29.3	93	74	S 1	W 3	3	9	8.6	59.09	57.32	24.5	32.3	92	67	E 1	W 5	5	5	18.5
5	59.07	56.19	24.1	31.8	96	68	E 1	SW 3	4	8	2.8	59.67	57.47	24.7	31.7	94	70	SE 1	NW 4	8	5	27.7
6	58.76	56.22	24.4	34.8	94	54	SE 1	S 1	9	4	.8	59.59	57.29	22.7	32.5	97	65	E 2	NW 3	9	4	------
7	57.85	55.59	24.7	33.9	94	52	E 1	NW 3	3	6	6.6	59.47	57.37	24.4	33.7	94	54	E 1	NW 3	6	5	------
8	57.99	56.21	24.9	32.4	93	71	S 1	NW 3	8	8	------	58.90	58.21	23	34.3	92	46	E 1	SW 3	2	3	------
9	58.16	56.42	22.1	32.1	90	66	S 1	NW 3	7	6	------	60.66	58.75	22.7	33.7	79	52	SE 2	NW 3	7	6	------
10	58.72	57.25	23.8	32.3	89	70	S 1	W 3	7	6	------	60.19	58.46	22.7	34.2	86	48	E 1	NW 2	6	7	------
11	58.29	57.40	25	31.8	88	72	S 1	W 3	8	6	2.8	59.50	57.07	22.6	32.2	90	62	SE 1	SW 4	3	4	17.5
12	59.01	57.47	25.1	31.6	93	74	S 1	W 4	8	6	.8	58.82	57.39	24.4	30.3	94	69	SE 1	W 4	5	7	19.8
13	60.26	58.82	24.2	32.4	94	72	E 1	W 4	9	4	------	59.53	57.96	23.7	32.1	94	62	E 1	W 3	4	6	.8
14	59.89	58.31	25.5	33.2	94	-----	SE 1	W 4	7	4	------	60.01	58.75	24.5	32.3	94	63	SE 1	SW 4	7	4	------
15	60.44	57.95	24.4	35.9	94	58	E 1	NW 2	7	4	------	60.68	59.47	25.1	31.3	88	68	SE 1	W 4	8	5	17.3
16	59.96	57.83	22.2	33.2	94	-----	E 2	NW 2	3	4	------	60.64	58.11	23.8	32.6	94	62	E 1	WNW 2	6	4	------
17	60.56	59.23	21.7	33.3	87	67	E 1	NW 3	2	7	------	59.55	57.39	25.2	31.9	90	63	SW 1	SW 4	9	7	------
18	61.89	59.52	23.6	34.4	85	66?	SE 2	W 2	5	6	------	59.09	57.13	24.1	32.8	92	64	E 1	NW 3	8	5	------
19	61.76	58.78	22.2	33.5	89	66	E 1	NW 3	8	7	------	58.97	56.79	24.5	34.7	92	51	E 1	SW 2	2	6	1
20	60.05	57.79	21.4	31.8	91	72	S 1	W 3	8	7	------	60.34	58.70	24.7	33.7	92	59	SE 1	NW 3	2	3	------
21	58.74	57.32	24.4	32.1	87	72	S 1	W 4	9	5	------	60.83	58.77	25.5	32.7	90	61	SE 1	SW 1	8	9	------
22	58.91	57.37	24.4	32.2	96	75?	E 1	W 3	7	6	16.8	58.95	57.25	24.4	32	89	68	S 1	W 3	2	7	20.3
23	59.05	56.85	24.5	33.2	96	-----	E 1	NW 3	5	7	------	59.90	57.55	24.2	31.8	94	68	E 1	W 3	6	3	------
24	58.70	57.06	23.6	33.3	93	-----	SE 2	NW 3	3	5	------	59.22	56.99	24.5	33.5	93	62	SE 1	W 3	2	6	11.4
25	58.90	56.45	23	33.6	92	-----	E 1	W 3	2	4	------	58.69	57.09	24.7	35.3	94	45	S 1	SW 1	3	5	------
26	57.89	56.66	24.9	33.7	85	55	S 1	W 4	7	4	------	59.49	57.44	24.3	34.8	93	56	NE 1	NW 1	3	4	------
27	58.16	56.81	24.2	32.1	91	58	E 1	NW 3	3	6	.5	59.06	57.21	23.1	33.5	87	55	NE 1	NW 2	2	5	1
28	58.42	57.64	23.8	31.8	93	62	E 1	NW 2	4	8	2.3	58.88	56.52	23.7	36.3	93	50	E 1	NE 1	4	8	.2
29	59.60	57.76	23.5	33.1	87	55	E 2	NW 3	6	7	------	58.10	55.70	23.3	35.7	94	47	SE 1	SE 1	4	5	7.9
30	58.77	57.36	23.9	33.2	90	59	E 1	NW 3	7	4	------	58.35	56.16	24.5	33.8	93	60	SE 1	NW 2	7	7	------
31	57.82	55.98	23.2	32.7	90	61	S 1	NW 3	4	3	.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.35	57.48	23.7	32.8	90.9	64.2	1.1	2.9	5.7	5.6	------	59.37	57.53	24	33	91.7	59.9	1.1	2.8	5	5.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	43.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	159.1

COTABATO.

[φ=7° 13′ N; λ=124° 15′ E; barometer above sea, 3 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.32	57.01	22.8	35.8	89	48	E 1	NE 1	4	5	------
2	59.80	57.21	23.6	35.6	79	54	SE 1	NW 2	3	5	------
3	59.48	57.60	25.3	34.5	88	58	E 1	NW 3	4	6	------
4	58.56	55.65	24.3	35.4	85	50	E 1	NNW 1	4	5	------
5	57.27	54.99	23.5	34.5	89	51	E 1	NW 2	7	7	------
6	58.04	55.22	24.3	32.8	91	63	E 1	W 2	6	5	27.4
7	58.40	56.95	23.6	32.8	94	67	E 1	SW 2	5	4	------
8	58.73	56.67	24.1	33.4	93	58	E 2	W 3	4	5	------
9	57.17	54.81	25.3	33.7	92	62	E 1	NW 3	4	3	------
10	56.08	54.14	25.9	32.3	93	69	E 1	SW 4	6	7	5.1
11	56.50	56.22	26	28.3	94	84	SE 1	NW 3	10	9	4.8
12	57.45	55.96	24.2	32.6	95	65	SE 2	N 1	5	8	10.7
13	58.11	56.60	24	32.3	94	62	E 1	W 2	7	7	16
14	59.07	57.53	24.7	32.1	94	63	E 1	SW 1	9	9	------
15	58.97	57.77	24.8	31.2	89	66	E 1	NW 3	8	9	9.7
16	59.58	58.23	23.8	31.7	94	65	E 1	NW 3	9	8	------
17	59.74	57.87	24.5	32.6	93	57	E 1	SW 4	7	5	------
18	59.81	57.67	24.3	32.9	91	60	E 1	WSW 4	3	4	3.3
19	59.97	57.53	24.8	30.7	92	68	SSE 1	W 4	6	8	34
20	59.31	58.04	24	29.8	95	75	SE 1	NW 3	4	8	19.8
21	59.83	58.53	24.1	31.1	95	62	SE 2	NW 4	7	4	8.4
22	60.94	58.80	24.5	30.8	94	68	SE 2	W 4	9	4	2.6
23	60.64	57.62	24.8	32.2	94	67	SE 2	W 4	7	3	------
24	58.71	56.83	25.3	32.3	95	62	E 1	W 2	8	7	.3
25	57.64	56.95	24.3	31.9	93	63	E 1	W 4	5	4	------
26	58.46	57.13	25.2	31.6	91	66	SE 1	W 4	8	8	------
27	57.17	56.39	25.3	28.3	91	78	E 1	W 4	9	9	28.2
28	56.31	55.66	25.3	26.6	90	90	W 3	W 2	9	10	102.4
29	56.72	55.64	24.3	29.9	96	71	E 1	W 5	9	8	43.4
30	58.41	56.15	23.3	29.2	97	75	NE 2	NW 2	9	9	------
31	58.01	56.45	24.3	29.5	95	76	SE 1	NW 3	9	8	------
Mean	58.52	56.77	24.5	31.9	92.1	65.3	1.3	2.9	6.6	6.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	316.1

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	m. m	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.87	57.46	24.2	28.3	95	85	E 1	SW 1	9	9	8.2
2	58.80	57.26	23.8	33.2	95	63	E 1	SE 2	8	6	------
3	58.88	56.98	23.9	31.2	94	71	E 1	SW 4	7	7	------
4	58.91	57.57	23.5	31.7	94	65	E 1	SW 2	7	8	13.7
5	59.59	58.17	23.2	32	95	67	E 2	W 2	4	4	------
6	60.46	57.95	24.3	33.3	94	64	NE 1	W 3	4	4	2.5
7	59.68	57.37	23.6	33.2	95	59	NE 1	NW 3	7	6	5.6
8	59.15	56.81	23.1	33.4	95	59	E 1	NE 1	2	3	------
9	58.79	57.26	24.8	32.2	93	66	Calm	NW 4	5	5	------
10	59.64	58.08	25.1	32.2	92	63	SE 1	NW 4	7	7	19.8
11	59.62	57.31	24.8	31.3	95	68	E 1	NW 4	9	4	------
12	59.24	56.69	24.6	31.9	94	69	SE 1	W 4	8	4	------
13	58.76	56.78	24.5	30.8	94	70	E 1	NW 2	4	6	38.4
14	59.61	57.19	23.9	31.4	96	68	E 1	NW 3	8	4	1.3
15	58.54	56.52	24.8	30.7	94	72	SE 1	NW 3	6	7	8.1
16	58.09	55.79	25	29.8	94	71	SE 1	W 5	9	7	8.9
17	56.77	55.97	24.3	29.7	96	66	E 1	W 4	9	9	22.8
18	56.58	56	24.6	29.4	96	72	E 1	SW 4	10	9	9.4
19	58.06	57.27	24.1	29.3	95	75	E 1	NW 2	7	9	1
20	58.45	57.03	23.5	30.7	97	65	E 2	SW 2	9	7	------
21	59.29	57.67	24.2	30.3	94	72	E 1	SW 3	7	7	20.1
22	59.25	57.38	24	27.6	96	88	SE 1	SW 2	9	7	15.3
23	58.83	58.06	23.9	26.8	96	86	E 2	SE 1	10	10	.3
24	58.11	56.85	24.2	28	96	85	E 1	SW 1	9	8	1.5
25	57.45	56.50	23.6	30	96	64	E 1	NW 2	8	8	6.6
26	58.75	57.03	24	29.1	95	77	E 1	NW 3	9	7	19.8
27	57.98	57	24.1	28.5	96	77	NE 1	NW 3	10	9	.8
28	57.73	56.18	24	29.8	97	73	E 1	NW 3	7	6	------
29	58.11	56.52	24.8	30.4	94	72	E 1	NW 4	9	9	1.8
30	57.97	56.63	24.8	29	95	76	E 1	NW 4	8	9	.5
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.63	57.04	24.2	30.5	94.9	70.9	1.1	2.8	7.5	6.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	206.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.74	56.82	24.5	30	-----	-----	Calm	W 5	9	8	------
2	58.14	56.73	24.5	31.4	-----	-----	E 1	W 4	7	4	47.8
3	58.11	56.49	24.9	29.8	-----	-----	N 1	NW 4	9	7	27.2
4	57.15	56.30	25	28.6	-----	-----	E 1	WSW 3	9	9	30.8
5	58.01	57.67	23	26.7	-----	-----	WSW 2	NW 3	10	9	42.2
6	58.03	55.93	23.6	30	-----	-----	S 1	NW 3	9	8	------
7	57.80	56.79	23.2	31.3	-----	-----	SE 1	NW 3	7	6	------
8	58.01	56.54	23.1	31.1	-----	-----	SE 1	NW 3	6	5	------
9	58.20	57.28	23.2	30.3	-----	-----	SE 1	NW 4	8	9	------
10	58.75	58.03	23.4	32.5	-----	-----	S 1	W 2	5	5	------
11	59.74	58.68	23.4	32.6	-----	-----	SE 1	W 2	8	7	------
12	59.46	58.54	23	31.1	-----	-----	SE 2	NW 4	9	7	------
13	59.54	58.63	22.7	31.4	-----	-----	E 1	W 4	4	6	------
14	59.39	48.31	23.1	32.3	-----	-----	SE 1	W 3	8	5	------
15	59.48	58.07	24.6	32.5	-----	-----	E 1	W 2	8	5	8.9
16	58.55	57.18	24.6	30.8	-----	-----	SW 1	W 3	9	7	20.1
17	59.01	57.58	22.7	29.1	-----	-----	W 2	W 2	10	8	.8
18	58.23	56.74	23.2	30.2	-----	-----	E 1	N 3	10	4	16.6
19	58.20	57.23	24.1	25.5	-----	-----	NE 1	NW 1	9	9	10.9
20	57.93	57.28	23	28.7	-----	-----	S 1	W 3	10	8	10.6
21	58.57	57.60	23.2	30.2	-----	-----	E 1	W 2	9	5	5.6
22	57.48	56.18	23.9	29.2	-----	-----	SE 1	W 2	8	9	.8
23	56.65	55.47	23.6	30.5	-----	-----	E 1	NW 4	8	8	------
24	57.30	56.54	23.4	31.1	-----	-----	SE 1	NW 4	7	8	------
25	58.03	56.59	23.7	33.3	-----	-----	SE 1	N 1	8	8	------
26	58.16	56.67	23.2	32.4	-----	-----	E 1	W 3	4	7	------
27	58.82	57.42	22.2	32.2	-----	-----	E 2	NW 2	7	7	------
28	58.46	57.66	22.5	34.6	-----	-----	E 2	W 2	7	5	2
29	59.53	58.22	23.1	31.8	-----	-----	ESE 3	W 3	9	5	------
30	59.35	57.28	23.1	29.7	-----	-----	SE 2	W 3	8	7	21.1
31	59.71	57.36	22.1	32.4	-----	-----	E 2	W 3	9	4	------
Mean	58.44	57.22	23.4	30.8	-----	-----	1.3	2.9	8	6.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	245.4

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.43	57.76	23.1	30.7	-----	-----	E 2	NW 4	5	3	------
2	59.05	57.27	23	31.4	-----	-----	E 2	NW 4	4	3	------
3	58.02	56.44	23.8	30.7	-----	-----	SE 1	W 4	7	7	4.6
4	58.26	57.79	23.7	28.4	-----	-----	E 2	NW 3	9	9	42.2
5	58.90	58.29	23.6	27.6	-----	-----	NE 1	NW 3	10	9	14
6	59.56	59.22	23.2	25.3	-----	-----	E 1	SW 2	9	10	32.8
7	59.46	59.01	23.1	27.2	-----	-----	E 1	SW 2	9	9	52.1
8	59.30	58.10	23.4	26.8	-----	-----	S 1	W 4	9	9	15
9	59.33	57.99	23.1	29.7	-----	-----	SE 1	S 2	8	9	------
10	58.73	58.61	23.8	24.7	-----	-----	E 1	NW 2	9	10	7.2
11	57.28	56.38	23	29.8	-----	-----	SE 1	W 3	9	9	------
12	57.50	56.50	23.7	31.6	-----	-----	SE 1	NW 2	8	7	------
13	58.25	56.62	23	31.3	-----	-----	SE 1	W 3	3	3	------
14	58.63	56.99	23.1	31.3	-----	-----	SE 1	W 3	4	4	------
15	58.33	56.68	24.1	31.8	-----	-----	E 1	NW 3	9	7	------
16	58.03	55.96	24.1	32.2	-----	-----	E 1	W 3	6	3	23.1
17	58.10	56.93	24.5	30.3	-----	-----	E 1	W 4	9	6	4.1
18	58.80	56.96	23.4	30.9	-----	-----	E 2	NW 3	7	6	------
19	58.51	57.18	24	30.8	-----	-----	S 1	W 4	6	7	------
20	58.68	57.58	23	30.9	-----	-----	E 1	W 4	8	7	------
21	58.57	57.26	22.5	30.7	-----	-----	E 1	W 3	8	6	------
22	59.49	58.07	22.7	31.2	-----	-----	SE 2	W 5	5	3	------
23	60.06	58.33	20.2	33.4	-----	-----	E 1	W 3	2	3	------
24	60.20	58.73	21.3	31.7	-----	-----	SE 2	W 3	6	3	------
25	59.85	58.26	23	31.1	-----	-----	E 2	W 4	4	3	------
26	59.22	57.41	21.7	31.2	-----	-----	S 2	W 4	3	5	------
27	58.82	57.37	21.7	31.7	-----	-----	S 2	NW 4	2	6	------
28	59.86	58.51	22	31.8	-----	-----	SE 2	NW 3	2	3	------
29	60.30	58.82	22	31.3	-----	-----	E 2	W 4	2	3	------
30	60.30	59.17	22.1	31.7	-----	-----	S 1	NW 3	6	5	------
31	59.30	57.67	22.3	31.8	-----	-----	SE 2	W 4	7	6	------
Mean	58.97	57.67	22.9	30.4	-----	-----	1.4	3.3	6.3	5.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	195.1

COTABATO.

[ϕ=7° 13′ N; λ=124° 15′ E; barometer above sea, 3 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.77	57.11	23	32.5	----	----	SE 1	W 4	5	7	----
2	58.52	56.37	23.7	32.9	----	----	SE 2	W 4	8	6	----
3	57.58	56.06	25	33.5	----	----	S 1	NW 4	9	7	----
4	57.96	56.53	22.8	31.9	----	----	SE 2	W 3	9	8	----
5	58.18	56.01	24.5	31.2	----	----	SE 2	NW 4	9	7	----
6	58.01	56.13	23.7	31.3	----	----	SE 2	W 5	7	4	----
7	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	----	----	----
11	----	----	----	----	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----	----
13	59.56	57.77	23	30.3	97	65	E 1	W 3	8	9	----
14	59.41	57.41	22.8	32.8	95	58	SE 1	W 4	8	4	----
15	59.86	57.37	24.3	32.7	92	60	SE 1	W 4	7	5	----
16	59.29	57.31	25.2	31.4	91	63	E 1	W 5	9	4	----
17	58.97	56.79	24.2	31.8	93	60	SE 1	W 4	8	4	6.6
18	59.44	57.77	22.5	31.4	93	57	SE 2	W 3	6	4	----
19	59.96	58.19	24.3	32	90	58	E 2	W 3	9	5	----
20	60.34	58.08	23.1	32	92	57	E 2	NW 4	6	4	----
21	59	57.28	24	29	89	73	E 2	W 4	7	8	11.9
22	58.41	57.43	23.6	31.1	95	67	E 1	W 3	9	9	7.4
23	58.17	56.95	23.6	30.6	95	64	SE 2	W 3	8	5	11.4
24	58.66	57.17	23.8	30.2	95	68	E 1	W 3	9	5	9.2
25	58.73	57.22	23.3	30.4	96	70	SE 2	W 5	9	5	.3
26	59.41	57.72	23.1	30.4	92	65	SE 1	W 4	8	5	----
27	59.41	57.83	24.1	30.7	92	68	E 1	W 3	8	6	----
28	59.60	58.04	21.7	31.8	94	60	SE 2	W 3	7	6	----
29	59.73	57.69	23	31.3	91	64	SE 1	W 3	7	4	----
30	59.76	57.59	22.4	31.8	93	60	SE 1	W 2	7	3	----
31	----	----	----	----	----	----	----	----	----	----	----
Mean	59.03	57.24	23.5	31.5	93.1	63.2	1.5	3.6	7.8	5.6	----
Total	----	----	----	----	----	----	----	----	----	----	[a]46.8

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.96	57.31	24.8	31.3	91	65	SE 1	SW 4	7	4	8.1
2	59.46	57.66	22.6	31.3	96	66	E 2	W 3	9	5	.8
3	59.91	58.03	24	31.2	93	66	E 2	W 3	4	5	31.7
4	60.07	58.06	22.6	31.6	96	66	SW 2	SW 4	6	5	2.8
5	60.29	58.54	24.2	29.1	94	67	S 2	W 4	9	7	6.6
6	60.20	58.27	22.8	30.5	94	70	E 2	W 3	7	6	3.3
7	59.18	57.77	24.1	29.6	93	70	SE 1	W 2	8	8	----
8	60.31	58.07	23.6	30.6	95	72	E 1	W 4	7	6	.8
9	60.73	58.74	23.6	30.7	96	67	SE 1	W 3	8	7	----
10	----	----	----	----	----	----	----	----	----	----	----
11	----	----	----	----	----	----	----	----	----	----	13.7
12	59.56	57.41	24.5	31.1	87	65	Calm	WSW 1	5	4	1
13	60.24	58.28	23.3	32.4	92	66	Calm	SW 2	8	7	2.8
14	60.84	58.46	24.2	32.4	93	60	Calm	W 2	8	8	5.6
15	60.30	57.87	23.9	34.6	94	56	Calm	W 1	9	7	1.8
16	60.16	58.26	23.5	32.5	92	60	Calm	WSW 2	9	6	----
17	60.39	58.58	24.6	35.8	92	51	Calm	Calm	7	5	.5
18	60.21	58.59	24.6	32	90	67	Calm	W 2	9	6	----
19	60.23	58.67	24.1	33.6	91	60	Calm	WSW 2	3	7	----
20	60.86	59.07	25	32.4	92	63	Calm	SW 3	8	6	----
21	61.03	59.11	24.5	35.5	91	54	Calm	NNW 2	7	7	----
22	60.55	58.72	23.3	33.4	93	57	Calm	WNW 1	1	7	----
23	59.79	58.19	23.4	32.8	91	61	Calm	WNW 2	2	7	2
24	60.24	58.35	24.3	30.8	92	67	Calm	NW 2	9	7	4.6
25	60.44	59.06	24.5	30.2	96	70	Calm	WSW 2	10	9	----
26	60.35	58.29	24	31.4	95	66	ESE 1	W 3	7	5	----
27	60.24	57.36	24.3	33	92	65	Calm	WSW 2	6	5	5.1
28	60.75	58.37	23.6	32.4	95	66	Calm	W 2	6	8	14.7
29	60.11	58	23.5	28.5	94	81	ESE 1	Calm	2	10	6.8
30	59.85	58.25	24	29.1	95	73	Calm	ESE 1	10	10	----
31	60.43	58.39	22.5	33.2	94	60	ESE 1	NNW 1	1	3	----
Mean	60.23	58.27	23.9	31.8	93.1	64.7	0.6	2.2	6.6	6.4	----
Total	----	----	----	----	----	----	----	----	----	----	[b]112.7

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct	P. ct			0-10.	0-10.	mm.
1	60.80	58.60	22.2	34.1	93	53	Calm	ESE 1	1	3	.3
2	60.25	57.99	22.5	33.6	92	58	Calm	W 2	1	7	----
3	59.65	58.17	22.8	25.5	97	91	Calm	NW 3	2	10	17.8
4	60.12	58.33	22.6	29.4	95	70	Calm	W 3	2	7	----
5	60.41	58.41	22.6	32.1	95	61	Calm	W 2	1	4	----
6	59.32	57.01	23.3	35.1	92	51	ESE 1	ESE 1	2	3	----
7	58.81	56.66	23.4	35.4	91	43	Calm	ESE 1	1	2	----
8	58.62	56.67	23.5	33.9	90	50	Calm	ESE 1	2	8	.5
9	58.92	56.81	23.5	33.5	90	48	SE 1	E 1	1	8	----
10	58.77	56.73	23.7	32	91	63	ESE 1	NW 3	1	4	----
11	58.11	55.91	24.4	32	90	63	ESE 1	NNE 2	1	9	19
12	58.52	56.22	24.5	34.5	91	51	Calm	Calm	1	2	43.9
13	58.86	56.27	24	34	95	58	Calm	W 1	2	3	.5
14	59.15	56.37	24.3	32.4	92	60	Calm	WNW 2	1	4	4.8
15	59.15	56.09	23.8	30	93	75	ESE 1	WNW 3	1	9	5.3
16	58.11	55.73	23.2	33	95	56	ESE 1	SE 1	1	3	----
17	57.60	55.76	23.8	34.1	91	59	ESE 1	NW 2	1	3	10.9
18	57.98	56.36	23.8	34.4	95	59	ESE 1	Calm	9	5	3.8
19	58.58	56.85	22.4	33.7	95	54	ESE 1	Calm	8	6	----
20	59.13	57.28	23.7	32.6	92	59	E 1	ESE 1	1	7	.3
21	59.05	57.31	23.8	33.5	93	61	Calm	NW 2	3	6	8.9
22	58.77	57.49	24.5	31	94	68	Calm	W 2	8	2	14.7
23	58.96	58.11	23	30.6	95	70	E 1	WNW 1	7	9	----
24	59.16	57.28	24	31.6	95	65	Calm	NW 2	7	5	.5
25	58.48	56.82	23.5	34.2	96	58	Calm	Calm	1	6	----
26	58.61	57.75	23.8	28.4	93	80	SE 1	Calm	7	10	1.3
27	59.91	57.32	23.1	34.3	96	54	Calm	SE 1	1	4	----
28	59.34	55.97	24	34.1	95	52	ESE 1	E 1	1	7	----
29	57.98	56.87	23.7	34.1	89	55	ESE 1	E 1	5	8	6.6
30	58.56	57.46	23.4	31.8	93	60	Calm	E 1	7	9	----
31	----	----	----	----	----	----	----	----	----	----	----
Mean	58.99	57.02	23.5	32.6	93.1	60.2	0.5	1.4	2.9	5.8	----
Total	----	----	----	----	----	----	----	----	----	----	139.1

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.87	56.97	23.4	33.7	91	52	Calm	E 1	1	2	----
2	59.43	57.31	22.5	34.4	92	51	SE 1	E 1	1	3	2
3	59.22	57.19	24	32.3	95	57	Calm	SW 2	2	5	2.3
4	59.02	57.77	24.5	30.8	94	72	ESE 1	WSW 2	4	9	----
5	58.91	57.28	23.8	31.5	93	66	Calm	W 3	2	6	.3
6	59.06	57.11	23.5	34.1	94	59	Calm	NW 2	2	4	4.8
7	59.73	56.92	24.1	31.4	94	65	Calm	W 3	3	9	18.8
8	58.61	56.28	23	31.3	96	65	Calm	SW 1	10	5	4.6
9	58.26	56.37	22.4	32.3	95	63	E 1	Calm	10	6	2.5
10	58.37	56.41	23.7	30.4	94	70	Calm	E 1	7	10	----
11	58.21	56.32	24.9	30.8	84	67	Calm	Calm	10	10	.3
12	58.01	56.73	23.5	33.3	96	54	E 1	NW 1	2	6	----
13	58.47	56.83	23.8	29.1	94	81	Calm	E 1	4	10	.8
14	59.08	57.12	21.1	33.6	90	58	ENE 1	ENE 1	1	5	6.6
15	58.84	57.81	22.5	32.6	82	62	E 1	ESE 2	1	1	----
16	60.41	58.77	21.7	32.8	90	49	Calm	E 2	1	1	----
17	60.74	58.96	21.4	30.6	91	63	Calm	NW 2	1	6	----
18	60.54	58.93	22	31.6	89	56	Calm	NNW 1	2	7	----
19	59.42	58.39	22.6	33.1	93	57	Calm	WNW 2	1	3	----
20	59.12	57.47	23.3	30.6	92	70	Calm	WSW 2	1	8	----
21	59.54	56.65	24.1	34.5	94	51	Calm	Calm	10	4	9.4
22	58.91	57.53	23.7	34.1	92	52	Calm	E 1	2	4	----
23	59.45	58.08	23.5	32.7	90	53	E 1	W 2	3	3	1.8
24	59.50	57.86	23.8	33.7	90	63	ESE 1	E 2	6	8	----
25	60.82	59.54	22	31.4	82	57	ESE 1	E 1	2	9	----
26	60.85	58.77	21.5	32.6	94	56	ESE 1	NNE 1	1	7	9.1
27	60.55	58.11	23.5	31.9	90	63	Calm	N 2	7	3	----
28	59.88	58.28	21.2	31.5	88	56	ESE 1	NNW 2	5	8	----
29	60.20	57.14	19.7	32.6	91	50	Calm	NW 2	1	5	----
30	59.04	57.12	21.4	31.5	95	57	Calm	NW 2	1	4	----
31	60.04	57.67	24.5	31.4	89	63	ENE 1	NW 2	8	7	8.6
Mean	59.39	57.54	22.9	32.2	91.4	59.9	0.4	1.5	3.6	5.7	----
Total	----	----	----	----	----	----	----	----	----	----	71.9

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[a] 24 days of observation.

[b] 30 days of observation.

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

Day.	MARCH.											APRIL.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1												57.96	56.53	23	32.7	85	56	S 1	NNW 2	3	3	
2												58.31	58.01	22.9	29.2	84	74	S 1	NNW 2	4	6	2.8
3												58.84	58.20	22.4	29.1	88	72	Calm	Calm	10	10	1
4												59.01	58.05	23.3	30.7	96	67	Calm	N 1	3	2	
5												59.41	57.52	23.2	31	87	65	Calm	N 2	3	3	
6												58.87	57.39	23	32	88	61	Calm	N 1	2	3	
7												59.48	58.09	22.5	31.5	82	56	Calm	NW 2	3	2	
8												59.65	58.77	20.6	31.8	81		Calm	NNW 2	3	2	
9												60.40	59.14	20.6	31.7	60	53	S 2	NNW 2	3	3	
10												60.35	59.02	21	30.6	66	62	S 1	NNW 2	2	2	
11												59.38	57.69	23	30.6	80	62	Calm	NNW 2	3	2	
12												58.73	57.72	24.5	30	75	68	S 1	NNW 2	4	10	
13												59.19	58.14	23	31.6	87	56	S 1	NNW 2	3	3	
14												59.83	58.89	22.3	31.1	79	60	Calm	N 2	5	2	
15												60.54	59.72	22.4	31.6	76	57	S 1	NNW 2	4	3	
16												60.77	58.60	21.6	31.7	73	47	S 1	NNW 2	3	2	
17												59.65	58.02	21.4	31.4	73	46	S 1	NNW 2	3	2	
18												59.33	57.72	20.6	30.7	69	64	S 1	N 3	3	3	
19												58.86	57.27	22.5	31.7	83	59	S 1	NNW 3	3	4	
20												60.24	59.13	23.5	32	83	58	Calm	N 3	3	6	
21												60.77	59.34	23.2	29.9	78	72	Calm	N 2	8	8	
22												58.70	58	24.5	30.5	89	69	S 1	N 1	9	10	
23												59.56	58.21	23.1	32.6	89	60	S 1	N 2	3	6	
24												59.11	57.46	23.8	32.1	85	60	Calm	N 3	3	7	
25												58.81	57.37	24	33.5	84	54	Calm	NNW 3	3	7	
26												59.48	57.84	22.5	32.5	82	60	S 1	NNW 3	3	3	
27												59.16	57.69	22.9	31.7	77	59	S 2	N 2	3	6	
28		57.62		30.7		59		N 1		3		58.75	57.03	24	30.6	83	65	Calm	Calm	7	6	
29	59.56	57.93	21.9	31.5	85	54	S 1	NW 2	5	3		57.81	56.29	23.4	31	84	64	S 1	N 2	4	5	1
30	58.78	57.64	24	32	87	54	S 1	NNW 2	4	3		57.95	56.72	23.7	32	90	53	S 1	N 2	7	6	
31	58.08	56.88	23	30.6	71	63	Calm	N 2	6	3												
Mean												59.30	57.99	22.7	31.3	81.2	60.7	0.6	2	4	4.6	
Total																						4.8

Day.	MAY.											JUNE.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.05	58.28	22	29.3	74	70	S 1	N 2	5	10	0.3	56.62	56.10	25	32.4	83	56	Calm	Calm	10	10	1.5
2	59.44	58.23	22.5	32	78	55	S 1	N 1	3	5		57.70	56.58	25	32	83	61	Calm	N 2	5	2	1.5
3	59.61	57.37	23	32.7	83	62	S 1	N 2	3	7		58.46	56.67	24.3	31	85	65	Calm	N 2	5	6	6.4
4	58.68	56.21	22.1	32.5	87	60	S 1	N 2	3	3		58.53	56.96	23.4	31.6	90	63	S 1	N 1	5	6	15
5	57.37	55.65	22.6	31.6	79	56	S 1	NNW 2	2	2		59.02	58.25	23.2	30.1	90	69	Calm	N 1	7	8	
6	57.69	56.03	23.8	32.6	82	58	Calm	N 3	5	8	.3	60.24	58.11	23.3	31.5	89	70	S 1	N 2	6	7	
7	57.71	57.08	24.4	31.5	84	66	S 1	N 2	7	8	.3	59.53	57.55	23.1	31	90	67	Calm	N 2	4	5	
8	58.55	56.49	24.1	32.5	86	61	S 1	N 2	3	2		58.83	57.04	23	31.5	89	66	S 1	N 1	3	2	
9	57.20	55.36	24	32.2	85	60	S 1	N 2	3	3		58.31	57.01	24.1	32.3	85	64	Calm	N 2	3	3	
10	56.08	54.47	24.2	30.5	82	69	S 1	N 2	2	5		58.93	57.91	24.7	32	87	65	Calm	N 2	3	6	
11	55.45	56.50	26.2	28	87	85	Calm	Calm	9	10	2	59.37	57.22	23.6	32.6	87	62	Calm	N 3	3	6	
12	57.45	56.19	23.9	32.6	96	59	S 1	N 1	3	3		58.64	56.62	25.5	31.5	83	65	S 1	N 2	7	6	
13	57.95	56.67	24.1	32.6	84	63	S 1	N 1	4	5		58.30	56.44	25.5	31.9	84	64	S 1	N 2	5	6	
14	58.62	57.44	25.1	31	79	63	S 1	N 1	5	3		58.95	57.34	24.4	31	87	69	Calm	N 3	7	4	
15	58.95	57.53	24.1	30.5	99	65	Calm	N 2	4	6	34	58.22	56.24	23.9	31.7	83	38?	Calm	N 2	3	5	
16	59.32	58.39	24.1	28.4	96	75	Calm	Calm	6	10		57.38	55.41	24.7	31.4	94	61	S 2	N 2	9	8	19
17	59.53	57.49	24.6	31.5	89	62	S 1	N 2	3	4	1.3	56.63	55.62	23.8	29.7	95	78	Calm	Calm	8	10	3.3
18	59.71	57.23	24.1	31.8	85	38	S 1	N 2	3	3		56	55.08	24.1	30.3	96	71	Calm	Calm	10	10	1.5
19	59.90	57.07	25.2	31.7	83	65	S 1	N 2	5	3	.3	56.67	55.86	23.5	32.1	89	61	Calm	N 1	6	8	
20	59.18	57.34	24.6	32.1	82	58	S 1	N 2	7	3	14.2	57.85	56.53	24.5	31.5	85	60	Calm	N 2	9	7	10.9
21	59.59	57.98	24.2	31	94	69	Calm	N 2	2	5	4.3	59.19	57.69	23	31.2	95	65	Calm	N 1	6	4	33
22	61.26	58.69	24.5	32	96	60	Calm	N 1	9	3	21.8	59.43	57.79	23.5	31	96	67	Calm	N 1	10	6	27.7
23	60.27	58.05	23.5	30.9	91	69	Calm	N 2	4	5		58.88	58.26	24.5	27.1	96	84	Calm	Calm	9	9	.8
24	58.82	57.14	22.9	31	78	68	S 1	N 2	2	3		57.94	56.65	23	29	94	75	Calm	N 2	10	6	
25	57.60	57.09	24.2	32	79	59	S 1	N 2	3	3		57.28	56.78	23	29	92	75	Calm	Calm	9	10	
26	58.43	56.81	23	30.5	74	68	S 1	N 2	5	7		57.23	56.58	23.6	29.2	89	72	Calm	N 1	9	10	
27	56.61	54.68	25.8	31.5	86	57	Calm	N 2	9	10		57.68	56.33	24.3	30.6	93	72	Calm	Calm	10	10	3.8
28	55.49	54.69	25.7	29.8	86	73	Calm	Calm	10	10	1.5	56.94	55.07	22.6	31.1	95	65	Calm	Calm	7	10	8.1
29	55.87	54.46	25.5	31.9	80	62	S 1	N 3	8	5	.3	57.06	55.54	24.5	31.1	94	68	Calm	N 2	10	9	
30	57.04	55.66	24.6	31	93	65	Calm	N 2	10	6		57.40	55.80	24.1	31.3	92	71	S 1	N 2	8	9	.5
31	56.92	55.03	25.5	31.1	85	65	Calm	Calm	10	10												
Mean	58.24	56.69	24.1	31.3	85.2	63.4	0.6	1.6	5.1	5.5		58.11	56.70	24	31	89.7	66.3	0.3	1.4	6.9	6.9	
Total											80.6											133

This station was temporarily closed from November 22, 1913 to March 27, 1914.

CAGAYAN, MISAMIS.

[φ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, −1.89 mm.]

Day.	JULY.											AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.82	55.81	23.6	30.7	91	67	Calm	N 2	6	7	33.8	59.18	57.65	22.8	30.5	89	65	Calm	N 2	2	6	------
2	57.66	55.94	23.4	30.8	96	70	Calm	N 2	6	7	------	58.52	57.12	23.3	32	81	55	Calm	N 2	8	6	10.9
3	58.02	55.94	24.1	31.2	95	66	Calm	Calm	10	6	20.6	58.46	56.29	23.5	30	91	67	Calm	N 1	10	6	3.3
4	56.92	55.80	23.9	28.5	97	83	Calm	Calm	10	10	1	57.92	56.88	23	30.1	89	68	S 1	NNE 2	8	7	14.7
5	57.23	56.80	23.7	28.1	92	74	Calm	Calm	10	10	17.5	57.99	56.98	22.6	30.5	97	72	Calm	N 2	6	9	3
6	56.85	54.50	22.6	32.6	82	54	S 1	N 1	9	9	------	58.68	57.43	23.1	30.5	93	68	Calm	NNW 1	9	8	33.5
7	56.82	55.21	22.5	32.7	93	53	Calm	Calm	8	9	------	58.88	57.88	22.2	29.5	96	67	Calm	Calm	8	9	.3
8	57.09	55.22	21.8	33.1	90	59	Calm	N 1	6	3	------	58.49	56.79	22.6	30.1	95	64	Calm	Calm	9	8	------
9	57.68	56.46	22.9	32.4	88	60	S 1	N 1	8	5	------	58.49	57.02	22.5	29.8	91	70	Calm	Calm	9	8	------
10	57.97	56.92	23.4	31.5	89	66	Calm	SSE 1	9	8	------	58.22	56.48	23.6	30.5	90	63	Calm	N 1	6	8	------
11	58.73	57.47	23.6	32.1	92	60	Calm	N 2	7	6	.3	56.06	54.70	23.8	32.9	86	52	Calm	SW 3	9	6	------
12	58.45	57.84	23.4	30.3	85	73	Calm	Calm	6	7	------	56.27	54.76	24	32.8	86	51	Calm	SW 2	8	8	------
13	58.66	57.87	23.5	31.7	83	59	Calm	N 1	7	8	------	56.87	54.90	23	33.1	87	55	Calm	N 1	6	2	------
14	58.78	57.86	23.2	30.4	84	63	Calm	N 2	9	6	------	57.93	55.88	22.7	32.4	82	53	Calm	N 2	6	5	------
15	58.91	57.77	24.2	32.9	82	50	Calm	N 2	9	7	------	57.70	55.83	24.2	31.2	84	61	Calm	N 2	9	8	------
16	58.06	56.51	24.3	32.3	81	54	Calm	N 2	8	7	------	57.57	56.07	23.9	31.3	88	63	S 1	N 2	6	3	19.8
17	57.27	56.87	23.5	29.7	91	66	Calm	N 2	7	8	6.4	57.97	56.82	23.7	30.2	96	71	Calm	N 1	6	5	1.5
18	57.81	56.37	23.3	30	93	59	Calm	Calm	7	8	1.8	58.23	56.14	23.2	30.7	97	71	Calm	N 1	6	7	------
19	57.52	56.13	23.2	30.1	91	62	Calm	N 2	10	7	8.6	57.95	56.19	24.5	31.1	93	69	Calm	NNW 2	8	9	7.9
20	57.63	57.08	23.5	28.6	88	70	Calm	Calm	10	10	4.1	58	56.33	21.9	31.5	92	64	Calm	N 1	7	6	------
21	57.92	57	23.9	26.9	92	81	Calm	S 1	9	10	41.4	57.71	55.63	22.5	32	95	63	Calm	Calm	7	6	------
22	57.37	55.55	22.5	29.5	91	68	Calm	NE 2	5	8	------	58.29	56.68	22	31.3	87	69	Calm	NNE 2	5	3	------
23	56.04	55.63	23	31.5	89	60	Calm	N 2	5	6	.3	59.08	57.86	21.5	32	68	49	S 2	NNE 2	3	3	------
24	56.33	55.27	24.2	31.7	91	65	Calm	NW 2	10	6	------	59.54	57.73	21.9	31.7	86	58	Calm	N 2	3	7	------
25	57.28	56.12	23	30.5	87	66	Calm	N 2	4	6	------	59.22	57.17	23.4	31.9	86	65	Calm	N 2	6	7	1.3
26	57.63	56.14	22.7	32	89	58	Calm	N 3	3	5	2.5	58.10	56.10	22.1	31.3	88	68	Calm	N 2	8	7	8.1
27	58.07	56.98	23	30.5	87	60	Calm	NE 2	9	10	1.3	57.94	55.58	22.1	32.6	92	54	Calm	Calm	6	3	------
28	58.90	57.50	21.1	31.7	87	59	Calm	N 2	7	6	------	58.92	56.96	22.3	32.4	85	66	Calm	N 2	3	6	------
29	59.38	57.92	22.1	31.1	90	65	Calm	N 2	5	6	1	59.46	57.67	22.5	31.9	90	65	Calm	NNW 2	5	6	------
30	59.39	57.14	23.3	30.4	93	70	Calm	N 2	8	7	9.4	59.59	58.02	22.9	32.4	89	56	Calm	N 2	5	6	------
31	59.65	57.58	22.3	30.1	95	67	Calm	NNW 1	3	7	------	58.23	56.38	22.5	32.5	89	55	Calm	N 2	8	6	------
Mean	57.83	56.55	23.2	30.8	89.5	64.1	0.1	1.4	7.4	7.3	------	58.24	56.58	22.9	31.4	89	62.5	0.1	1.5	6.6	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	150	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	104.3

Day.	SEPTEMBER.											OCTOBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10*	*0-10*	*mm.*
1	57.56	55.54	23.1	34.5	89	45	Calm	S 2	6	3	------	59.67	57.42	22	30.6	88	64	Calm	N 2	8	6	6.1
2	57.40	55.21	24.1	33.1	86	49	Calm	SW 2	8	6	------	59.24	57.38	22.6	30.2	92	68	Calm	N 2	5	6	------
3	56.47	54.36	24.2	34	90	47	Calm	SW 2	8	6	------	59.58	58.13	23.5	29.9	90	73	Calm	N 2	4	8	------
4	56.77	56.10	24	32.7	85	45	Calm	SW 2	8	6	------	59.83	58.12	23	29.6	88	70	Calm	N 2	3	4	------
5	56.92	54.43	24.1	31.2	84	69	Calm	SW 1	8	8	------	59.94	58.64	21.7	29	91	71	Calm	N 2	5	6	------
6	56.81	54.49	22.9	34.6	88	45	Calm	Calm	8	3	------	59.80	58.19	22.1	30.2	87	67	Calm	N 2	5	6	------
7	56.75	54.63	23.4	35	84	44	Calm	Calm	3	6	------	58.84	57.53	22.5	30.5	87	64	Calm	N 2	4	5	------
8	56.93	54.40	24	32.1	83	57	Calm	N 2	3	5	------	60.04	57.95	22.5	29.6	89	75	Calm	N 1	4	5	2.5
9	57.38	55.59	24.7	30.2	97	80	Calm	Calm	6	8	1	60.36	58.35	22.5	30	91	65	Calm	N 1	3	5	14.2
10	58.04	56.83	23.1	30.8	87	67	Calm	E 3	8	6	------	59.68	58.40	22.1	30.1	92	69	Calm	N 1	6	7	.8
11	58.76	56.81	22.8	33.1	88	56	Calm	N 2	3	6	------	59.02	57.18	22.7	30.5	94	66	Calm	N 2	6	5	------
12	59.12	57.90	23.5	26.5	87	79	Calm	Calm	4	10	10.7	59.13	57.47	22.7	30	90	64	Calm	N 2	4	5	------
13	58.98	57.24	22.5	31.8	91	54	Calm	N 2	6	5	4.8	59.63	58.13	22	30.1	86	62	Calm	N 2	3	6	------
14	59.14	57.23	22.3	32.3	92	53	Calm	N 2	6	5	------	60.11	58.73	22.7	30.4	89	63	Calm	N 3	4	5	------
15	59.78	57.51	22.6	31.1	86	62	Calm	N 2	4	6	------	60.06	58.03	23.1	30.2	88	64	Calm	N 1	4	5	------
16	58.88	56.89	23.1	30.8	87	65	Calm	N 2	3	4	.8	59.55	58.47	22.3	30.4	88	62	Calm	N 2	5	6	------
17	58.38	56.18	23.2	31.7	91	62	Calm	N 2	5	6	------	60.29	58.82	22.1	30.2	83	66	Calm	N 2	5	7	------
18	58.79	57.29	22.6	31.7	91	63	Calm	N 2	5	4	20.3	60	58.72	21.7	30.6	87	62	Calm	N 2	5	6	------
19	60.05	58.22	22.1	31.1	90	68	Calm	N 2	5	5	------	60.02	58.39	21.9	30.5	86	65	S 1	N 2	5	5	------
20	60.03	58.30	22	30.6	88	68	Calm	N 3	6	7	4.6	60.16	58.77	25.2	30.4	78	63	S 2	N 2	8	6	------
21	58.93	57.39	23.5	31.1	94	62	Calm	N 2	6	7	50.8	60.75	59.12	23	30.5	86	66	Calm	N 2	4	3	------
22	58.49	56.90	22.6	30	97	71	Calm	N 2	10	6	------	60.32	58.87	21.5	30.1	87	68	S 1	N 2	2	6	------
23	57.84	56.49	23.2	29.4	87	72	Calm	N 1	5	8	------	59.82	58.04	22	30.7	87	60	S 1	N 2	5	3	------
24	57.93	56.25	22.8	30.1	93	70	Calm	N 1	3	9	50.8	59.95	58.25	23.8	30.7	83	64	S 2	N 2	7	6	1
25	58.25	56.18	22.5	31	96	71	Calm	N 2	6	9	21.8	59.44	58.89	23.8	28.8	95	77	Calm	NNW 2	8	9	2.5
26	58.98	57.80	22.6	30	96	66	Calm	NNE 2	7	8	11.7	60.52	58.75	23.4	29.5	97	72	Calm	N 2	8	6	------
27	58.81	56.89	23.6	29.6	97	77	Calm	Calm	6	5	------	59.38	57.42	22.6	30.5	92	66	Calm	N 2	7	9	1
28	59.04	57.15	22.6	30	87	63	Calm	Calm	8	8	------	60.17	58.69	23.5	29.3	85	74	S 1	Calm	8	8	1
29	59.23	53.79	21.1	31.1	82	59	S 2	N 2	6	6	.3	59.85	57.70	22.2	30.7	94	65	S 1	N 2	4	6	------
30	59.13	57.25	23.1	30.5	91	69	Calm	N 2	5	6	------	59.17	57.65	23.1	30.1	90	65	Calm	N 2	8	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	60.32	58.52	22	30	91	67	Calm	N 1	5	7	------
Mean	58.32	56.47	23.1	31.4	89.5	61.9	0.1	1.6	5.8	6.2	------	59.83	58.22	22.6	30.1	88.7	66.7	0.3	1.8	5.2	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	177.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	29.1

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

Day.	NOVEMBER.											DECEMBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.83	58.57	21.6	30.2	90	71	S 1	NNW 2	5	6	------	58.79	57.12	21.6	30.6	88	63	Calm	N 3	5	4	------
2	60.38	58.35	21.2	30.3	88	70	S 1	N 2	3	6	------	59.35	57.55	22.1	30.2	88	71	Calm	N 3	3	3	------
3	59.82	57.79	23.1	29	87	71	Calm	N 1	10	6	------	59	57.15	22.5	30.1	89	67	S 1	N 2	8	6	0.8
4	59.42	57.85	23.6	30.2	90	70	Calm	N 2	5	8	21.3	58.57	57.46	22.6	28.6	96	75	Calm	NE 1	8	8	------
5	60.13	58.57	21.5	29.7	93	67	S 1	N 1	3	4	------	58.45	57.05	22	30.1	92	67	Calm	N 2	5	5	.3
6	59.14	57.48	21.7	30.1	91	65	S 1	N 2	4	5	------	58.86	57.32	22.8	30	90	71	S 1	N 3	4	6	.3
7	58.87	56.85	21.1	30.6	90	58	S 1	N 2	3	6	------	58.64	56.92	22.6	29.6	92	72	S 1	N 2	5	8	1
8	58.70	56.82	21	29.9	91	62	S 1	N 2	3	4	------	58.19	56.38	21.6	29	90	78	Calm	N 3	4	8	.8
9	58.70	57.32	20.5	29.7	86	67	S 2	N 2	5	3	------	58.17	56.75	21	28.8	91	73	S 1	N 2	3	5	------
10	58.84	56.75	22.5	30.8	90	63	S 2	N 2	5	6	------	57.89	56.51	23.1	28.7	95	70	Calm	Calm	10	8	.8
11	58.05	56.07	22	30.1	91	69	S 1	Calm	2	7	------	57.84	56.24	23.1	28.4	97	72	Calm	N 2	9	10	------
12	57.95	56.48	21.9	30.7	92	63	S 2	E 2	4	5	------	57.87	56.54	22	29.6	96	71	Calm	N 1	6	5	.3
13	58.56	56.94	22.6	30.4	90	64	S 1	N 2	3	3	------	58.28	56.63	23.6	30.2	95	70	Calm	N 2	9	4	------
14	58.95	56.84	22	29.7	90	67	Calm	N 2	2	5	------	59.08	57.35	20.1	30.6	80	58	S 2	N 2	3	5	------
15	57.88	56.17	22.4	30	90	69	S 2	N 2	4	5	------	58.65	57.77	20	30.1	86	59	S 1	N 3	4	5	------
16	57.87	55.52	21.7	30.8	92	59	Calm	N 2	3	4	------	60.47	59.16	19	29.2	85	66	S 1	N 3	2	4	------
17	57.65	56.24	21.4	30.1	87	65	S 1	N 2	5	6	------	60.68	59.05	20.5	30.4	87	59	S 1	N 1	3	3	------
18	57.97	56.40	22.4	30.1	90	65	S 1	N 3	4	7	3.6	60.25	59.24	22.4	29	89	68	Calm	N 3	4	3	------
19	58.49	57.20	21.7	30.1	95	69	S 1	N 2	4	6	------	59.58	58.89	21.2	29.5	91	68	S 1	N 2	2	3	------
20	58.89	57.44	22.1	30.2	91	70	Calm	N 2	4	5	------	59.24	57.96	24.7	29.1	91	71	Calm	N 2	10	5	------
21	59.10	57.52	22.1	30.1	93	68	S 2	N 2	6	4	------	59.23	56.92	23.2	30.4	92	67	S 1	N 2	2	3	------
22	58.54	57.39	23.6	31.2	89	62	Calm	N 2	9	5	------	58.85	57.27	21.1	30.4	89	63	S 1	N 3	2	3	------
23	59.13	57.82	21	29.5	87	65	S 2	N 1	4	8	------	59.53	58.72	21.5	30.1	90	67	S 1	N 2	2	3	------
24	58.93	57.25	22.6	29.6	91	71	Calm	N 2	6	5	------	59.48	57.94	23.4	31.7	85	62	S 1	N 2	4	5	------
25	58.16	57.10	22.7	30.3	93	67	S 2	N 2	4	5	------	60.38	59.03	20.1	30.6	83	54	S 2	N 3	3	3	------
26	58.02	56.79	23.7	28.1	87	73	Calm	Calm	8	8	------	61.10	59.67	20.7	29.4	85	68	S 1	N 2	2	2	------
27	59.48	57.89	22.1	29.6	92	71	Calm	N 2	6	5	------	60.72	58.70	22.1	31.1	93	56	Calm	N 3	3	3	------
28	59.08	56.02	22.4	30.9	92	60	S 1	N 2	4	4	------	59.83	57.39	20.5	30.6	86	60	S 2	N 2	2	3	------
29	57.69	56.77	22.6	30.1	86	61	Calm	N 1	8	8	------	60.43	57.91	19.4	27.9	83	74	S 2	N 3	3	2	------
30	58.32	57.34	23	29.5	91	72	S 2	N 1	6	8	------	58.93	57.50	20.5	29	86	71	S 1	N 3	3	3	.5
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59.64	58.32	23.5	31	96	61	Calm	N 2	9	3	------
Mean	58.78	57.12	22.1	30.1	90.2	66.5	0.9	1.7	4.7	5.6	------	59.22	57.69	21.8	29.8	89.5	66.8	0.7	2.2	4.6	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	24.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	4.8

DAPITAN.

[ϕ=8° 40′ N; λ=123° 25′ E; barometer above sea, 7 meters; gravity correction not applied, —1.89 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.55	59.22	25.4	29	76	64	Calm	W 2	4	2	1
2	60.39	59.35	25.2	29	89	74	Calm	E 1	9	5	1.5
3	61.18	59.94	26	28.5	84	71	Calm	E 2	8	3	-----
4	60.95	59.95	25.2	29.5	83	67	Calm	E 2	2	2	1.8
5	61.70	60.30	25	28.8	90	70	ESE 2	ESE 3	9	4	1
6	61.68	59.90	25.8	28	81	88	E 2	E 2	8	2	-----
7	61.81	60.72	24.5	29	83	66	Calm	ESE 2	4	3	-----
8	62.32	60.54	24	28.5	80	64	Calm	E 2	3	3	-----
9	62.96	62.08	25.3	25.8	83	81	E 2	E 3	7	6	.5
10	62.90	61.96	25	28	72	82	E 3	E 2	9	3	-----
11	61.07	60.48	23.2	29	83	76	Calm	E 2	4	1	.5
12	60.87	58.93	22.7	29	97	69	Calm	E 2	10	3	2.3
13	60.17	58.37	25	29.5	92	73	Calm	ESE 2	8	3	-----
14	60.26	58.99	24.8	29.4	85	68	E 1	E 2	5	4	2.8
15	60.75	59.10	24	28.5	91	70	Calm	E 3	10	3	1.8
16	61.19	59.50	23.5	27.5	93	76	Calm	ESE 1	10	10	5.6
17	61.37	59.60	24.5	28	86	75	Calm	E 1	3	3	-----
18	60.95	59.25	25.5	26	88	88	Calm	Calm	10	10	20.3
19	60.29	57.35	24.3	28	93	77	Calm	Calm	9	4	-----
20	59.24	57.60	23.8	28.5	93	73	Calm	ESE 1	3	4	-----
21	58.65	57.55	25.7	28	88	85	Calm	ESE 1	9	3	-----
22	58.76	58.25	25.5	29	96	85	ESE 1	E 2	8	4	-----
23	59.05	58.27	25.5	27.7	92	87	ESE 1	ESE 1	9	8	-----
24	59.41	58.29	25	27.7	92	75	E 1	ESE 1	10	6	-----
25	58.86	57.88	24.5	28.3	97	80	ESE 2	ESE 2	6	4	4.8
26	58.61	58.36	23.5	28.8	96	77	Calm	ESE 2	10	4	-----
27	59.58	58.73	25.4	28	93	77	ESE 1	ESE 1	9	7	2
28	59.80	58.40	25	28	83	77	Calm	ESE 3	9	5	-----
29	59.34	57.98	24.5	28.2	94	74	ESE 1	ESE 1	3	2	-----
30	58.77	57.55	24.4	27.5	88	81	Calm	ESE 1	8	8	2.8
31	59.64	58.20	24.7	28.8	94	70	Calm	ESE 1	10	5	-----
Mean	60.45	59.12	24.7	28.3	88.2	75.5	0.5	1.6	7.3	4.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	48.7

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.04	57.93	24.7	29	86	72	ESE 1	ESE 2	10	3	3.3
2	58.67	57.50	24.5	29	83	68	Calm	Calm	8	6	1.5
3	59.02	57.78	24.5	28.7	91	76	Calm	ESE 2	10	3	-----
4	58.57	57.33	25.5	30	96	80	ESE 2	ESE 3	6	5	-----
5	58.76	57.98	25.5	28.8	96	69	ESE 3	E 3	8	6	-----
6	59.02	58.39	25	29.5	95	61	ESE 2	ESE 1	5	2	-----
7	59.27	57.97	24.5	28.4	79	64	ESE 1	ESE 1	8	10	-----
8	60.15	58.80	24.9	29.5	76	63	Calm	ESE 2	6	1	-----
9	59.57	59.15	24.1	29.5	86	65	Calm	ESE 2	8	9	-----
10	60.10	58.45	24.5	29.2	83	73	Calm	ESE 1	2	3	-----
11	60.12	59.10	24.5	29	96	78	Calm	ESE 1	4	2	-----
12	60.47	59.68	24.5	29	87	82	ESE 1	E 1	7	4	-----
13	61.45	60.38	24.5	28.5	91	67	ESE 1	ESE 2	10	2	1.5
14	61.39	59.91	24.2	28	98	77	ESE 1	ESE 2	2	3	-----
15	59.59	57.82	22.3	30	97	70	Calm	E 2	2	1	-----
16	-----	59.78	-----	29.8	-----	58	-----	E 2	-----	2	-----
17	61.17	59.67	24.3	29.5	89	63	ESE 1	ESE 1	2	1	-----
18	60.71	59.69	24.9	30.5	84	60	SE 1	ESE 1	4	1	-----
19	61.17	59	22.8	30.8	89	54	Calm	ESE 2	2	0	-----
20	61.27	59.33	24.7	30.4	80	51	ESE 1	ESE 2	5	0	-----
21	60.29	58.50	24.5	29.5	79	61	Calm	ESE 1	4	2	-----
22	59.77	58.23	24.5	29.5	83	61	Calm	ESE 1	5	2	-----
23	60.65	59.22	21.9	32	96	46	Calm	ESE 1	3	2	-----
24	60.68	58.78	21	30.5	95	50	Calm	ESE 1	5	1	-----
25	59.90	58.98	21.1	30.7	95	52	Calm	ESE 1	4	1	-----
26	60.72	59.50	22.7	30.5	91	50	Calm	ESE 2	2	1	-----
27	61.40	60.24	25	31	76	56	ESE 1	ESE 2	5	1	-----
28	60.73	59.80	25.5	30	78	63	ESE 1	ESE 1	7	2	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.14	58.89	24.1	29.7	88	63.9	0.6	1.5	5.3	2.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.3

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61	59.65	25	30	83	62	Calm	ESE 1	2	1	4.3
2	61.52	59.85	24	29.5	91	64	Calm	ESE 2	9	3	-----
3	60.55	58.75	24.4	29.5	92	71	Calm	ESE 1	3	3	2.8
4	59.20	56.95	25.5	30.6	91	65	Calm	ENE 2	9	3	1.8
5	57.41	55.60	25.5	31	93	63	Calm	E 2	7	3	1.8
6	58.10	56.08	24.5	31	96	65	Calm	ESE 2	7	2	-----
7	57.48	56	26	31	84	62	Calm	ESE 1	10	2	.5
8	57.66	57.33	26.3	29.4	86	72	ESE 1	ESE 2	7	4	-----
9	57.83	56.48	25.7	31.5	86	61	Calm	ESE 2	5	8	-----
10	58.30	57.73	25.5	29.7	88	63	ESE 1	ESE 2	9	2	-----
11	58.57	56.94	25.5	30.4	88	64	Calm	ESE 2	10	1	.5
12	58.50	56.74	25.5	30.4	93	63	Calm	ESE 1	8	6	.3
13	59.44	58.21	24.7	31.8	96	67	Calm	ENE 1	8	2	-----
14	59.30	58.30	26	31.5	89	59	ENE 1	ENE 1	7	1	-----
15	60.48	58.73	26	30.5	80	62	Calm	ENE 2	4	2	-----
16	59.55	58.49	24.5	30	84	60	Calm	ESE 3	2	2	1.3
17	60.09	59.73	25.5	30	88	65	Calm	ESE 1	4	2	-----
18	61.68	59.88	26	32	82	50	ESE 1	ESE 3	4	2	-----
19	61.40	59.32	25.7	31	81	53	ESE 1	ENE 2	5	3	1
20	59.63	57.50	24.7	32.3	92	52	Calm	Calm	5	3	-----
21	58.60	56.98	23.5	29.5	96	59	Calm	ENE 2	8	8	-----
22	58.18	57.23	26	29	87	71	Calm	ENE 1	9	7	.4
23	58.36	57.13	26.4	31	85	62	ENE 1	ENE 3	8	2	-----
24	58.41	57.45	26.4	31.5	90	53	ENE 1	ENE 3	8	1	-----
25	58.65	57.30	26.2	31.5	79	59	ESE 1	ENE 2	5	1	-----
26	57.93	57.25	25.5	30.5	84	57	ENE 1	ENE 2	4	1	1
27	58.23	56.95	25	31.5	92	56	Calm	ENE 3	6	2	.8
28	57.85	57.14	26	31	84	64	ENE 1	ENE 3	3	2	-----
29	58.98	57.94	26	32.5	79	52	ENE 2	ENE 2	7	2	-----
30	-----	57.62	-----	32	-----	52	-----	ENE 2	-----	1	-----
31	57.28	56.07	25.6	32.5	85	52	Calm	ENE 2	1	2	2.3
Mean	59.01	57.66	25.4	30.8	87.5	60.6	0.4	1.9	6.1	2.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18.8

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.47	56.40	25.5	30.5	93	68	Calm	ENE 2	9	2	-----
2	57.91	57.55	26.1	32	83	55	Calm	ENE 2	6	1	-----
3	58.11	57.22	25.7	32.5	88	55	Calm	ENE 1	7	10	-----
4	58.23	56.76	24.8	32	93	57	Calm	ENE 1	3	2	-----
5	58.81	56.71	24.4	32.4	92	61	Calm	E 2	3	2	-----
6	58.15	56.63	26.5	32.3	88	62	Calm	ENE 2	8	2	2.8
7	59.06	57.31	23.8	33.5	95	53	Calm	ENE 1	4	2	-----
8	59.23	58.08	24	32.3	91	54	ENE 1	ENE 2	4	1	-----
9	59.95	58.82	26	31.8	80	55	Calm	ENE 2	4	2	-----
10	59.63	57.92	24	27.5	91	77	Calm	ENE 2	2	3	7.9
11	58.55	56.68	25.2	32.5	92	52	Calm	ENE 2	2	2	-----
12	58.30	56.98	25.7	29.5	92	71	ENE 1	ENE 1	9	8	28
13	58.35	57.33	23.7	32.6	97	54	Calm	ENE 2	2	3	-----
14	59.07	58.02	23.4	32.2	97	54	Calm	ENE 1	3	2	-----
15	59.92	58.58	22.5	33	96	50	Calm	ENE 1	3	2	-----
16	59.93	57.63	22.7	32.5	96	47	Calm	NE 1	4	1	-----
17	58.77	56.93	23.5	32	93	50	Calm	NE 1	3	2	-----
18	58.59	57.12	21.9	31.5	95	60	Calm	ENE 2	2	1	1.8
19	58.30	56.88	26.5	32.5	89	52	ENE 1	ENE 2	6	1	2.8
20	59.50	58.20	25.6	31	95	69	Calm	ENE 2	10	2	7.1
21	60.50	58.44	27	32	80	58	ENE 2	E 2	8	7	-----
22	58.60	57.32	26.4	31	86	65	Calm	Calm	8	5	.5
23	59.10	57.08	24.7	32.5	97	69	Calm	ENE 1	2	2	-----
24	58.32	56.94	27	31.5	98	66	ENE 1	ENE 2	7	3	22.9
25	57.62	57.04	26.8	32	93	60	Calm	ENE 2	9	3	.5
26	58.46	57.54	27	32.5	84	55	ENE 2	ENE 2	3	2	-----
27	58.27	57.18	26.6	31	83	61	ESE 1	ESE 1	2	4	-----
28	57.94	56.84	27	31.5	85	65	Calm	Calm	7	8	4.3
29	57.22	56.15	26.4	31	81	65	Calm	NE 2	4	2	-----
30	57.57	56.25	26.4	32.4	85	61	Calm	NE 1	8	3	.5
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.65	57.28	25.2	31.8	90.3	59.4	0.3	1.5	5.1	3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	79.1

The barometric readings of this station do not seem to be very reliable.

DAPITAN.

[φ=8° 40′ N; λ=123° 25′ E; barometer above sea, 7 meters; gravity correction not applied, —1.89 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.32	57.15	26	31.7	89	62	Calm	NE 2	5	1	------
2	58.87	57.65	26.5	31.7	83	61	Calm	NE 1	4	1	5.1
3	58.86	56.98	26.2	31	90	65	Calm	NE 1	8	2	------
4	58.09	55.93	26.9	32	83	58	NE 1	NE 2	5	2	------
5	56.79	55.07	26.6	33	86	52	Calm	NE 1	4	1	------
6	57.35	55.06	27	32	85	60	Calm	Calm	4	2	------
7	57.11	56.33	27	32.5	96	63	NE 1	Calm	9	2	18.3
8	57.87	55.93	25	32	96	60	Calm	Calm	8	3	5.3
9	56.45	54.33	25	32.2	96	59	Calm	NE 1	8	2	1.5
10	55.09	53.76	26.2	32.3	94	62	Calm	NE 1	8	4	10.7
11	55.31	55.97	26.5	25.5	96	98	Calm	Calm	10	10	88.4
12	57.05	55.93	24.8	30.2	98	75	Calm	NE 2	10	3	2.8
13	57.19	56.55	27	31	87	62	NE 1	Calm	8	9	------
14	58	56.88	26.9	30.7	85	65	Calm	NE 1	7	9	------
15	58.26	56.48	23.7	32.3	97	59	Calm	NE 1	5	5	------
16	58.60	57.55	24	29.8	93	69	Calm	NE 1	9	9	------
17	58.71	56.58	24	33	96	62	Calm	NE 1	4	3	------
18	58.77	56.51	24	33	96	61	Calm	NE 1	1	2	1.8
19	58.88	56.75	24.5	33	93	61	Calm	NW 1	9	3	------
20	58.25	56.98	25.4	32.2	93	68	Calm	NW 1	5	3	------
21	58.67	57.89	24.7	32	97	66	Calm	WNW 2	3	2	18.3
22	60.15	58.02	24.5	31.1	97	69	Calm	NW 2	9	2	------
23	59.43	57.14	24	31.6	97	56	Calm	NE 1	1	1	------
24	57.82	56.27	24	32.4	97	64	Calm	NW 1	3	8	------
25	56.65	55.64	24.2	31.5	97	66	Calm	NW 2	2	6	------
26	57.67	56.48	24.5	31.7	96	72	Calm	W 1	8	8	------
27	56.24	55	25.2	28.9	94	71	Calm	WNW 3	2	8	7.6
28	55.57	54.90	24.7	27.6	95	81	Calm	WNW 3	10	10	5.1
29	55.38	54.60	24.6	30	91	77	Calm	WNW 2	7	5	6.4
30	56.78	54.07	24.5	31	94	74	Calm	WNW 1	10	4	7.7
31	56.42	54.73	23.2	30.2	96	70	Calm	WSW 2	10	8	.5
Mean	57.57	56.10	25.2	31.3	93	66.1	0.1	1.2	6.3	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	179.5

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.22	56.13	25	29.1	91	67	Calm	SW 3	7	10	0.3
2	57.26	55.78	23.9	33	93	64	Calm	Calm	10	8	------
3	57.60	55.73	25	31.9	96	65	Calm	Calm	3	6	------
4	57.61	57.23	25	27.5	96	85	Calm	NW 1	10	10	3.1
5	58.32	56.73	23.5	33	96	61	Calm	Calm	1	3	------
6	59.47	57.09	23.6	33.4	97	57	Calm	Calm	1	2	2
7	58.70	56.52	25	31.2	97	70	Calm	NE 1	4	3	2.3
8	57.95	56.23	24.8	31.6	95	62	Calm	NE 2	9	2	26.1
9	57.70	56.53	24.5	28.9	96	81	Calm	Calm	4	8	------
10	58.45	57.37	24.2	31.6	98	73	Calm	NW 1	5	4	------
11	58.68	56.14	24.2	31	98	65	Calm	NE 2	5	2	8.9
12	58.35	56.04	24.3	29	97	81	Calm	Calm	10	8	9.4
13	57.80	55.79	24	31.5	97	69	Calm	Calm	5	3	------
14	58.30	56.28	24.6	31.7	95	69	Calm	NW 1	10	2	.5
15	57.35	55.76	24.6	32.2	97	53	Calm	Calm	5	2	9.9
16	56.95	55.15	24.9	30.6	97	74	Calm	NW 1	9	2	9.1
17	56.05	54.90	24.5	29.2	99	78	Calm	NW 1	8	10	4.3
18	55.52	54.50	24.2	28.2	95	80	Calm	WNW 1	9	10	------
19	55.74	55.84	24.7	30	87	68	Calm	SSE 1	9	9	------
20	56.95	56.15	25	28.5	91	80	Calm	Calm	10	9	.5
21	58.27	57.29	23.6	30	97	74	Calm	WNW 2	10	3	------
22	58.25	57.15	24.6	31.7	97	68	Calm	WNW 1	10	2	2.5
23	58.06	56.93	24.5	28.7	96	80	Calm	Calm	10	10	21.1
24	57.20	-----	24.8	-----	97	-----	Calm	--------	9	-----	13.7
25	56.27	56	23.5	29.3	97	78	Calm	NW 1	10	9	8.6
26	56.77	56.11	24.2	30	97	75	Calm	WNW 1	10	5	------
27	56.83	55.75	24	25.5	97	85	Calm	Calm	10	10	14.7
28	56.09	54.52	24	29.5	91	75	Calm	WNW 3	8	6	------
29	56.46	55.08	24.7	26.9	92	81	Calm	Calm	4	10	6.6
30	56.17	54.98	23.9	32	96	72	Calm	WNW 1	9	8	10.4
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.38	56.06	24.4	30.2	95.5	72.1	0	0.8	7.5	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	154

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.74	55.30	23.8	29	97	81	Calm	NW 2	10	9	------
2	56.96	55.67	23.1	32.3	99	55	Calm	NW 1	1	3	20.8
3	57.47	55.63	25	30.1	93	71	WNW 2	NW 2	9	2	7.4
4	56.37	55.46	24.5	26.5	97	84	Calm	WNW 1	10	10	48.8
5	56.27	55.84	23.2	27	94	72	Calm	Calm	10	10	8.4
6	56	54.20	22.7	30	94	75	Calm	NW 1	10	10	.8
7	56.06	54.87	23.5	32	93	69	Calm	NW 1	10	3	------
8	56.07	54.98	23.5	32.2	99	71	Calm	NW 1	3	2	------
9	57.27	55.67	23	31.3	97	70	Calm	WNW 2	3	2	------
10	57.23	56.30	23.6	32.2	95	71	Calm	NW 2	2	2	------
11	58.05	56.83	24.7	32.5	91	60	Calm	NW 2	8	10	------
12	57.55	57.23	24	32.2	95	71	Calm	NW 2	8	5	------
13	57.72	57.33	23.6	31.2	95	74	Calm	NW 2	10	9	------
14	58.17	57.25	23.1	32.7	97	61	Calm	NW 1	4	3	------
15	58.26	57.15	23.6	32.4	97	70	Calm	NW 1	3	2	------
16	57.25	55.94	23.5	30.6	94	69	Calm	NW 3	3	5	4.3
17	57.02	55.68	24.8	31.5	85	69	NW 1	NW 2	9	3	11.9
18	56.82	55.67	23.5	30.3	98	74	Calm	W 2	10	5	1.3
19	57.37	56.17	24.3	27	93	84	Calm	WNW 3	9	8	17.8
20	57.19	56.47	23.4	27.5	97	83	Calm	WNW 2	10	9	14.5
21	57.27	56.56	24	27.7	96	83	Calm	NW 2	10	9	2.3
22	56.29	55.08	23	29.8	96.	73	Calm	NW 2	5	6	1
23	55.36	54.20	22.3	31.2	97	64	Calm	NW 2	1	1	------
24	55.56	54.84	24.2	32	87	69	WNW 1	WNW 2	3	7	------
25	56.23	55.48	25	29.5	87	76	Calm	NW 1	10	8	7.1
26	56.77	55.70	23	29.5	96	76	Calm	NW 1	10	9	.5
27	57.29	56.18	23	30.5	96	69	Calm	WNW 1	9	10	------
28	57.37	56.66	24	31.6	89	68	Calm	W 1	2	2	------
29	58.21	57.05	23.2	31.5	96	61	Calm	W 1	1	2	------
30	58.40	56.44	24.2	31.5	96	63	Calm	Calm	7	5	1.3
31	59.14	56.48	22.7	31	97	62	Calm	E 1	5	2	------
Mean	57.06	55.95	23.6	30.5	94.6	70.9	0.1	1.5	6.6	5.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	148.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm*
1	58.49	56.98	23.5	30.8	97	70	Calm	NW 1	2	3	------
2	58.16	56.72	23.5	31	96	73	Calm	WNW 1	2	3	------
3	57.65	55.88	24.6	29.8	97	76	Calm	W 2	8	5	------
4	56.99	56.05	23.4	30	97	73	Calm	WNW 2	6	8	0.6
5	57.17	57.20	23.1	24.5	97	99	Calm	Calm	5	10	27.3
6	57.77	57.65	24.4	24.1	82	99	Calm	SW 1	3	10	23.8
7	57.83	57.47	23.4	26.8	88	77	Calm	W 3	8	9	3.1
8	57.67	56.70	22.7	28	100	77	Calm	WNW 3	8	9	1
9	57.48	55.80	24	30.2	87	74	Calm	WNW 3	4	8	3.8
10	57.68	55.95	23.2	30	91	71	Calm	W 3	9	10	------
11	55.18	54.15	24.2	31.2	89	71	Calm	WNW 3	10	7	------
12	55.35	54.15	26	30.8	76	73	SW 1	SW 1	10	8	------
13	56.16	54.66	24.5	31.7	87	65	Calm	Calm	4	3	------
14	57.20	55.49	24.9	31	83	62	SW 1	SW 1	1	8	------
15	57.31	56.13	23.7	30.5	94	71	Calm	W 1	3	4	------
16	57.07	55.43	24.6	31.5	96	69	Calm	WNW 1	3	2	3
17	57.28	56.48	23.8	31.5	97	71	Calm	W 2	6	6	------
18	57.17	56.05	23.1	30	97	73	Calm	W 1	5	3	------
19	57.17	55.88	23.8	31.7	97	71	Calm	WNW 2	2	5	13.2
20	57.52	55.95	23.5	30.6	98	78	Calm	WNW 2	2	8	------
21	57.12	54.96	23	31.5	96	72	Calm	Calm	3	8	------
22	57.20	56.16	24.9	31	83	69	Calm	WNW 2	3	5	1
23	58.37	57.15	23.3	32	90	65	Calm	W 1	1	2	------
24	58.77	57.48	22	32	96	63	Calm	W 1	1	5	------
25	58.34	56.75	22.7	32	94	69	Calm	WNW 2	1	2	------
26	57.46	54.66	23.2	32.5	93	68	Calm	WNW 2	1	3	------
27	56.78	54.66	24.5	31.7	87	65	Calm	Calm	1	2	1.8
28	58.34	56.56	23	32.5	96	65	Calm	W 1	1	1	------
29	58.70	57.63	23.6	32.6	95	66	Calm	Calm	2	1	------
30	58.56	57.63	23.7	33.5	91	63	Calm	WNW 2	2	6	------
31	58.38	56.11	24	30.6	88	71	Calm	W 2	1	7	------
Mean	57.49	56.15	23.7	30.6	92.1	71.9	0.1	1.5	3.8	5.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	78.6

DAPITAN.

[ϕ=8° 40′ N; λ=123° 25′ E; barometer above sea, 7 meters; gravity correction not applied, −1.89 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.03	55.25	24.6	32.8	89	61	Calm	W 2	2	3	------	58.67	56.65	24.3	32	89	58	Calm	Calm	2	2	1.5
2	56.61	55.17	25.7	31	80	71	Calm	WNW 3	3	9	------	58.37	56.83	24.2	32.2	98	59	Calm	SW 1	7	3	------
3	55.84	54.13	26.4	30.5	73	72	Calm	WNW 1	2	9	0.8	59.05	56.85	25.5	32	96	66	Calm	Calm	4	2	17.5
4	55.77	54.93	25.6	30.4	79	65	Calm	SW 1	10	9	5.1	58.10	56.63	24.6	30	98	75	Calm	Calm	1	2	------
5	56.20	54.28	25.2	31	83	62	Calm	S 2	6	8	------	58.07	57.59	24	32.5	95	55	Calm	NE 1	5	2	------
6	55.90	54.24	25.7	33	78	67	Calm	S 1	3	7	------	59.17	57.58	23.8	31.6	97	63	Calm	Calm	4	2	29.2
7	56.39	54.44	24.8	31.4	87	70	Calm	W 1	4	8	------	58.24	57.23	23.6	30.4	98	70	Calm	Calm	7	5	10.2
8	55.96	54.83	24.9	26.4	87	93	Calm	SW 1	9	10	9.4	59.51	57.98	24.7	29.7	97	75	Calm	Calm	7	5	2.1
9	56.53	55.08	25.2	30	85	75	Calm	WNW 1	7	10	6.9	59.85	57.70	23.6	31.2	97	60	Calm	NW 1	3	4	9.1
10	56.22	55.15	23.5	30.2	97	70	Calm	WNW 1	8	8	------	59.23	57.95	24	30.2	95	70	Calm	Calm	9	5	4.1
11	57.97	56.68	24	31.9	91	67	Calm	WNW 2	1	3	------	58.65	56.45	25.5	31	92	61	Calm	NW 1	6	3	------
12	58.42	56.89	25.4	27.5	80	76	Calm	WNW 1	10	10	12.2	58.60	56.88	23.5	31.5	97	64	Calm	E 1	2	2	10.4
13	58.04	56.77	23.5	31.6	96	66	Calm	NW 2	10	7	1	58.72	57.53	24.5	31.4	96	60	Calm	E 1	7	2	7.3
14	58.42	57.02	22.5	32.3	98	64	Calm	WNW 1	2	3	------	59.56	58.03	24.5	31.5	96	60	Calm	SE 1	6	2	3.3
15	58.48	57.05	23.7	32.6	97	64	Calm	W 1	4	2	------	59.28	57.25	24	31.5	97	60	Calm	SE 1	5	3	1.3
16	58.42	56.55	25.3	32.4	83	67	Calm	W 1	4	3	------	59.14	57.48	24	31.5	96	60	Calm	Calm	4	1	21.1
17	57.57	55.95	24	33.4	96	61	Calm	W 1	2	2	------	59.12	58.08	23.5	30.4	97	66	Calm	E 1	2	3	------
18	57.81	56.83	23.2	32.8	96	59	Calm	W 1	2	2	------	59.30	57.75	26.6	31	80	69	E 1	Calm	2	1	.5
19	59.57	58.19	24	30.2	96	67	Calm	W 1	2	4	------	59.60	57.84	24.5	31.3	96	69	Calm	Calm	10	4	7.4
20	59.42	57.75	23.6	30.4	97	72	Calm	Calm	10	3	------	59.70	58.23	23	30.5	96	68	Calm	Calm	2	5	5.6
21	58.24	56.87	23.4	32.5	97	63	Calm	Calm	8	7	13	60.52	58.65	24	30.5	96	72	Calm	E 1	8	3	6.3
22	57.52	57.84	24.4	30.7	95	70	Calm	W 2	10	4	4.8	59.54	58.55	26	30.2	81	70	Calm	E 1	4	3	1
23	57.23	56.38	24	30	97	75	Calm	W 1	10	8	16.8	58.92	57.99	27	31	83	65	Calm	E 1	6	4	------
24	57.09	56.10	23.2	26.5	95	85	Calm	W 2	3	6	3.6	59.25	58.25	27.2	28.7	79	75	Calm	Calm	10	8	19.6
25	57.62	56	24.1	30.5	97	72	Calm	WNW 2	9	8	6.9	59.15	58.40	24.5	25.8	96	94	Calm	Calm	10	10	84.3
26	58.22	56.30	23.5	30.5	98	74	Calm	WNW 3	3	2	6.6	59.82	57.90	23.5	29.5	97	75	Calm	SE 1	10	4	4.3
27	58.87	55.98	24	28.7	95	78	Calm	W 1	10	10	9.9	58.96	57.27	25.5	27	85	88	Calm	SE 1	7	8	117.4
28	58.29	55.60	23	30.4	97	74	Calm	W 1	10	10	------	60.19	58.03	24	29	97	78	Calm	E 1	10	3	15.8
29	58.42	56.35	22.6	31.7	99	72	Calm	W 1	10	3	------	59.04	57.82	26.5	30.3	82	72	E 2	NE 1	4	7	.5
30	58.57	56.65	23	31.4	97	66	Calm	W 1	3	2	------	59.22	57.38	26.6	29.5	84	76	NE 1	E 1	10	3	17.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59.47	58.33	23	30.5	98	68	Calm	Calm	2	2	150.1
Mean	57.55	56.04	24.2	30.8	91.2	69.9	0	1.3	5.7	6	------	59.16	57.65	24.6	30.5	92.9	68.4	0.1	0.5	5.7	3.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	97	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	547.7

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.27	58.58	22.4	26.5	96	92	Calm	Calm	4	2	5.1	57.94	56.85	26.5	30	88	75	Calm	Calm	7	2	5.1
2	59.44	58.05	25.2	30	94	71	Calm	ESE 1	4	2	------	58.71	57.28	25.6	29	95	77	Calm	Calm	4	3	12.4
3	58.99	56.99	23	30	96	71	Calm	ESE 1	3	2	1.3	58.40	56.98	25.1	29	95	78	Calm	Calm	9	5	8.9
4	59	57.85	24.5	27.2	96	86	Calm	Calm	5	6	.5	57.65	56.73	25	29.4	96	79	Calm	SE 1	9	3	.5
5	59.33	57.65	23	31	98	69	Calm	Calm	2	2	8.1	57.87	56.25	24.1	30.5	97	72	Calm	Calm	5	2	.8
6	58.42	56.92	23.5	30.3	97	72	Calm	NE 1	6	2	1.8	57.96	56.83	24.8	29.5	98	77	Calm	SE 1	7	8	42.4
7	58.02	56.58	26.5	30.8	88	69	E 1	Calm	6	3	1.5	58.37	56.58	24	29	96	78	Calm	E 1	10	6	25.9
8	57.92	56.28	27.6	30	76	69	Calm	Calm	8	2	------	57.56	55.93	25	28.1	96	80	Calm	Calm	10	5	4.3
9	57.90	56.68	24.6	30.5	92	65	E 1	Calm	2	1	------	57.45	56.08	25.6	28.8	95	77	Calm	SE 1	6	6	4.3
10	58.36	56.60	26	30.5	88	65	ESE 1	Calm	4	2	------	57.35	56.05	25.5	28.7	96	80	Calm	E 1	6	8	1.8
11	57.30	55.65	27	30.6	96	70	E 1	Calm	8	2	------	57.35	55.94	25.5	26.7	89	85	Calm	ESE 1	10	8	51
12	57.27	56.05	27	30.5	80	68	E 1	Calm	4	1	------	57.12	56.35	24.4	28.6	97	80	Calm	Calm	7	8	3.3
13	57.80	56.45	24	31.4	96	63	Calm	Calm	3	1	------	57.97	56.43	26.3	28.5	86	74	Calm	SE 1	8	4	------
14	58.24	56.13	24.1	30.5	95	70	Calm	Calm	7	2	1.8	58.63	57.44	26	28.4	84	70	SE 1	ESE 1	8	6	------
15	57	56.15	26.9	30.3	83	70	Calm	Calm	8	2	.5	57.90	57.73	25.6	29	82	69	ESE 1	ESE 1	2	2	------
16	57.15	55.28	26.4	30.5	81	62	Calm	ESE 2	4	2	1.8	59.74	58.74	25.3	30	81	66	Calm	Calm	5	1	------
17	56.80	55.80	24.8	30	92	70	Calm	ESE 1	8	2	21.1	60.02	58.70	23.6	30.4	95	56	Calm	ESE 1	6	1	------
18	57.11	56.18	25	29.5	96	75	Calm	Calm	9	2	92	58.82	58.20	25	30.2	88	65	Calm	Calm	8	2	2
19	57.73	56.35	23.5	30.5	99	68	Calm	Calm	4	4	------	58.44	57.25	23.2	30.6	98	65	Calm	E 1	2	1	7.1
20	58.37	57.15	26.8	31	94	69	Calm	Calm	8	2	77	58.36	56.517	24.5	30.4	97	72	Calm	Calm	2	2	3.6
21	58.42	57.18	22.7	30.4	98	74	Calm	E 1	3	3	2	58.11	57.17	25	29.8	97	70	Calm	Calm	4	1	------
22	57.91	57.28	27.4	29.2	94	76	Calm	Calm	8	5	------	59.09	57.98	23.7	30	97	71	Calm	Calm	5	2	------
23	58.62	57.69	26.6	30.5	83	68	Calm	Calm	7	5	4.1	58.96	57.88	26.4	28.3	97	80	Calm	E 2	5	6	------
24	58.61	56.55	24.7	30.5	97	70	Calm	Calm	8	2	6.7	59.90	58.88	23.4	29.4	98	75	Calm	Calm	2	3	------
25	57.48	56.53	24.5	30.7	96	69	Calm	ESE 1	9	1	.5	60.58	58.95	22.5	30	98	68	Calm	SE 1	2	1	------
26	57.75	56.43	24.4	24.3	97	96	Calm	Calm	10	10	27.4	60.43	59.08	25.3	28.5	93	73	Calm	ENE 1	8	3	------
27	58.84	57.22	23	29.9	99	75	Calm	Calm	3	2	1.8	59.64	58.31	25.3	28.6	81	66	Calm	ESE 1	10	2	------
28	58.44	55.91	26.5	28.7	82	76	E 1	E 2	5	6	2.6	59.69	57.24	21.5	28.4	95	66	Calm	Calm	1	4	------
29	58	56.73	25.3	28.4	90	80	Calm	Calm	5	6	.8	58.38	57.08	25	28	88	77	E 1	E 1	8	4	2.8
30	57.85	56.89	25.7	30	90	73	Calm	Calm	5	2	.5	59.76	57.98	23.7	29	98	69	Calm	E 1	8	2	5.1
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59.10	57.73	23.7	27.2	93	75	Calm	ESE 1	3	3	------
Mean	58.14	56.73	25.1	29.8	92	72.4	0.2	0.3	5.7	2.9	------	58.62	57.33	24.7	29.1	93	73.1	0.1	0.6	6	3.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	258.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	181.3

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.43	60.83	20.1	28	96	67	Calm	NNW 2	2	9	2.5
2	62.49	60.89	23.8	27.5	97	78	S 1	S 1	9	10	.5
3	62.96	61.39	21.9	27.5	96	79	S 1	N 2	2	10	8.4
4	62.75	61.12	20.1	27.2	97	82	ESE 1	N 1	2	9	3.3
5	63.56	61.83	22	26.7	98	79	Calm	N 1	5	5	.5
6	63.61	61.81	22.6	27.8	93	72	ESE 1	NNW 2	6	7	------
7	63.84	62.29	21.6	27	96	68	S 1	W 1	6	6	------
8	64.25	63.01	21	27.4	95	64	S 1	NNW 2	4	5	1.8
9	65.56	63.82	21.9	26.8	96	71	S 1	N 2	10	8	1.8
10	64.91	63.33	20.6	26.8	94	64	Calm	NW 2	4	8	------
11	63.86	61.84	20	26.7	94	68	ESE 1	NW 3	4	7	17.3
12	62.28	60.36	23.1	27	91	82	SE 1	NNW 3	7	9	------
13	61.62	59.97	23	28.4	92	68	ENE 1	SE 2	3	7	------
14	61.66	60.32	21.1	27.6	95	69	SE 1	NNW 2	5	7	2.3
15	62.14	60.43	23	28	97	70	WSW 1	WNW 3	10	6	6.4
16	62.45	60.72	23.1	27.4	96	82	Calm	WNW 2	7	7	5.1
17	62.86	61.67	21.5	24.9	96	88	Calm	E 1	7	10	8.4
18	62.15	60.68	22.6	26.4	97	79	E 1	N 3	9	10	8.1
19	61.69	59.19	23.4	26.8	97	75	Calm	NNW 2	10	10	.3
20	60.85	59.60	23.4	24.5	96	92	S 1	N 1	9	10	18.6
21	60.23	59.01	24	26.4	92	82	S 3	WNW 2	4	6	.3
22	61.20	59.77	22.6	27.8	97	72	E 1	NNW 2	10	5	------
23	61.09	59.98	24.1	25.1	93	88	S 2	S 1	10	10	8.1
24	60.95	59.83	23.2	26.8	97	82	S 1	SW 1	9	9	.8
25	60.85	59.64	22.2	25.4	96	84	Calm	N 2	7	8	2.3
26	60.51	60.14	23	25.2	96	90	S 2	NE 1	8	8	20.8
27	61.56	59.96	22.6	27.4	98	75	S 1	NNW 2	6	5	4.8
28	61.85	59.61	23.3	27.5	96	75	N 1	NNW 3	8	6	------
29	61.16	59.44	21.6	27	100	77	S 1	NNW 3	9	8	------
30	60.57	59.27	23.4	25.7	97	92	N 1	Variable 1	8	10	8.3
31	61.37	59.59	22.5	27.6	96	70	E 1	E 1	7	7	.3
Mean	62.27	60.69	22.3	26.8	95.7	76.9	0.9	1.8	6.7	7.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	131

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.76	59.32	21.5	25.7	95	85	Variable 1	NE 1	6	5	3.3
2	60.55	58.85	21.5	25.4	93	88	SSE 1	NW 3	8	9	3.3
3	60.74	59.15	23.7	25.6	96	93	Calm	WNW 2	9	10	14.7
4	60.65	59	23.6	26.9	98	85	S 1	NW 2	9	9	.6
5	60.83	59.77	21.9	27	96	70	E 1	N 1	3	8	------
6	61.41	59.73	21.5	28.1	92	63	SE 2	NNW 2	7	3	------
7	61.45	59.25	19.5	27.2	94	63	Calm	N 2	6	5	------
8	62.06	60.45	19	26.4	95	66	S 1	N 2	6	7	------
9	61.69	60.92	21	27	95	73	Calm	N 2	7	10	------
10	61.95	60.25	23.1	26.7	95	80	SE 1	W 1	7	8	3.3
11	62.04	60.66	21.6	27.9	99	64	S 1	NNW 2	8	5	------
12	62.58	61.64	21.6	27	93	74	SSE 1	S 3	10	10	.5
13	63.55	62.18	21.6	25.6	95	75	S 1	SW 1	8	8	3.8
14	63.41	61.36	20.3	27.4	94	62	SSE 2	NNW 3	10	4	------
15	63.33	60.96	22	27.5	96	73	S 1	NW 1	8	7	.8
16	63.01	61.16	19.6	27.6	95	60	E 1	NNW 3	3	3	------
17	63.21	61.08	20.4	27.7	91	66	SE 1	N 2	1	9	------
18	62.40	60.81	21	29.2	95	63	S 2	NNW 4	1	3	------
19	62.90	60.73	23.1	29.1	95	68	S 1	NNW 3	7	3	------
20	62.91	60.72	21.1	28.6	95	51	ESE 1	NNW 3	3	2	------
21	62.21	60.11	19	27.1	95	70	Calm	NW 2	3	7	------
22	61.73	59.70	22.6	26.8	95	77	S 1	NNE 2	8	4	14.5
23	62.11	61.08	22.2	28.2	95	66	SE 1	NNW 4	4	2	------
24	61.83	60.21	22	28.3	95	71	S 2	NNW 4	9	3	------
25	61.44	60.31	22.9	28.6	96	73	SE 1	NNW 4	3	3	------
26	62.45	61.18	22.6	28.4	93	58	SE 2	NW 4	3	3	------
27	63.70	62.27	19.5	27	94	66	E 1	NNW 1	1	10	------
28	62.98	61.13	21.5	28.9	91	69	S 1	NNW 4	2	3	1.8
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.14	60.50	21.5	27.4	94.7	70.4	1	2.4	5.7	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	46.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.66	61.17	21.8	29.5	93	62	N 1	NNW 3	4	4	0.5
2	63.25	61.22	23.1	28.4	95	72	Calm	NW 4	10	4	.3
3	62.42	60.03	22.6	28	96	77	Calm	NNW 4	6	8	1.3
4	59.77	58.58	24	26.5	96	88	Calm	S 1	7	10	29.2
5	59.16	57.08	24.4	27.3	93	90	S 2	E 2	4	7	10.2
6	60.04	57.31	24.1	31.3	91	60	S 3	SSW 4	6	2	------
7	59.45	57.59	22.9	26.6	92	85	S 2	W 1	3	10	3.1
8	59.58	57.47	24.1	30.8	92	69	S 2	NNW 3	6	7	------
9	59.63	58.03	23.2	27.5	94	76	S 1	NNW 2	8	8	2.1
10	60.08	59.28	24.1	25	95	93	S 1	N 1	7	10	21.4
11	59.87	58.45	23.3	27.5	93	84	SSE 1	NNW 2	4	8	1.5
12	60.23	58.95	24.5	30	92	69	S 2	NNW 3	9	7	17.5
13	61.03	59.50	24.1	30.5	94	65	SE 2	NNW 4	1	4	------
14	61.38	59.47	24.1	31	91	56	SSE 2	S 1	3	3	------
15	62.12	60.53	22.8	28.8	94	68	ESE 1	NNW 5	1	1	------
16	61.31	59.83	20.1	29	95	68	SW 1	NNW 3	3	5	1.5
17	61.84	61.21	23	27	93	84	ESE 1	SW 1	9	7	14
18	63.79	61.71	21.9	29.6	94	61	ESE 1	NNW 3	8	3	------
19	63.31	60.61	20	28.6	92	66	SSE 1	NNW 3	6	7	------
20	61.50	59.08	23.2	28.5	92	71	N 1	NNW 4	7	8	------
21	60.09	58.61	23	28.6	96	73	SE 1	NNW 3	10	7	------
22	60.19	58.47	23.3	29	93	74	SE 2	NNW 3	5	5	2.5
23	60.55	58.26	23.4	30	93	67	SSE 1	NNW 3	3	4	.3
24	60.13	58.35	22.6	30.2	95	63	SSE 1	NNW 4	2	3	.8
25	60.55	59.27	22.2	26.6	94	80	SE 1	E 1	4	9	3.1
26	59.59	58.81	23.3	28.1	97	74	ESE 1	NNW 3	9	9	4.1
27	59.83	58.35	23.7	28.4	90	83	ENE 1	WNW 3	10	6	13.2
28	60.08	58.94	24.1	28.4	94	72	ESE 1	ESE 1	6	4	4.6
29	61.28	59.27	22.4	28.7	93	70	SE 1	NNW 2	8	6	.8
30	60.53	58.78	22.7	30.1	96	64	N 1	NNW 3	3	3	------
31	59.03	57.68	24.5	27.4	95	81	SSW 1	NNW 4	10	9	13.2
Mean	60.78	59.09	23.1	28.6	93.6	73.1	1.2	2.7	5.9	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	145.2

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.92	58.19	24.1	28.1	94	82	SSE 3	WSW 1	7	7	2.3
2	59.68	59.06	22.2	27.6	94	79	S 1	NNW 1	1	9	1
3	59.58	58.62	24	28.5	96	81	WNW 1	NNW 3	10	7	8.4
4	60.05	58.21	23.9	29.8	93	77	SSE 3	E 2	1	3	.5
5	60.48	58.90	24.5	27.5	92	87	ESE 2	SE 1	1	9	.8
6	60.07	57.73	24.6	33	92	54	ESE 3	S 3	2	3	------
7	60.84	58.45	24.4	31.2	89	56	SSE 3	NNW 3	5	3	------
8	61	59.61	23.5	31.1	90	55	SE 3	N 3	2	2	------
9	61.77	59.98	22.4	30.9	88	60	S 3	W 2	3	4	------
10	61.55	59.52	23.1	29.7	96	63	ESE 2	NNW 3	3	3	------
11	60.08	58.45	23.5	29.6	92	70	SSE 1	NNW 2	2	7	------
12	59.90	58.03	24.5	29.2	92	74	SSE 1	NNW 3	6	7	4.3
13	60.29	58.65	23.1	30.7	96	61	S 2	NNW 3	7	3	------
14	61.02	59.51	23.9	30.6	94	62	E 1	NNW 4	3	6	------
15	61.93	60.10	24.4	31.1	91	59	E 2	NNW 4	3	3	------
16	61.89	59.12	23	29.6	96	66	E 1	N 4	6	2	------
17	60.60	58.61	23.5	29.9	91	60	SE 1	N 4	2	2	------
18	60.40	58.76	22.5	29.1	92	71	S 1	W 1	3	6	------
19	60.45	58.66	23.9	29.5	92	75	E 2	W 3	2	6	13.5
20	61.57	59.97	23.9	30.7	96	69	ESE 2	N 4	7	3	------
21	61.75	60.32	22.8	28.2	94	79	ENE 1	W 1	10	10	------
22	60.10	59.04	25.4	27.5	90	88	ESE 3	SSW 3	9	10	25.7
23	60.55	58.71	24.9	29	93	78	SSE 2	S 3	3	9	4.8
24	60.27	58.83	24.7	29.1	93	81	ESE 2	NNW 1	3	7	4.6
25	60.07	58.46	25.2	29	92	86	SSE 3	SSW 2	4	5	5.1
26	61.07	58.72	24.7	31.6	92	60	S 3	ENE 1	1	4	------
27	60.12	58.67	24.2	30.1	97	65	S 1	WNW 2	8	8	2
28	60.24	59.10	24.6	26.5	96	90	Calm	S 1	10	10	4.8
29	59.27	58.04	23.1	26.4	96	93	E 2	N 1	4	9	9.1
30	59.97	57.86	23.6	30.5	97	65	S 3	W 1	7	4	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.52	58.86	23.9	29.5	93.2	71.5	1.9	2.3	4.5	5.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	86.9

The barometric readings of this station seem to be too high by about 0.50 mm.

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.28	59.43	23.7	26.1	94	92	ESE 1	Variable 1	8	9	25.1
2	60.93	59.42	23	25.1	92	97	S 1	SSE 1	0	10	30.8
3	60.82	58.80	24	28.5	96	85	S 1	W 1	2	9	2.5
4	59.95	57.68	24.1	26.7	92	94	S 2	WNW 2	1	7	11.2
5	58.40	56.41	23.3	29	94	75	SSE 2	NW 2	1	4	------
6	58.91	56.73	24.6	29.6	94	74	W 1	NW 2	8	8	------
7	59.14	57.81	24.5	31.1	95	64	S 2	S 3	5	7	------
8	59.51	58.14	25	27.6	92	80	S 3	E 1	3	8	1.5
9	58.13	55.95	25	31.5	94	63	ESE 1	NNW 2	2	4	------
10	56.90	55.47	25.2	27.4	92	90	S 3	E 1	6	8	32.8?
11	57.01	57.09	25.1	27.2	96	87	SE 1	N 1	10	10	3.3
12	58.51	57.88	24.6	26.5	95	89	E 1	S 2	6	10	18.8
13	59.20	57.83	24.5	29.3	94	72	ENE 1	NW 2	3	7	.3
14	59.74	58.08	24	30.8	91	70	SE 1	NW 3	7	7	2
15	59.87	58.41	23.6	29.6	94	70	E 1	NNW 3	7	7	46
16	60.38	59.17	23.2	28.6	98	74	SSE 2	N 1	8	9	------
17	60.27	57.97	24.5	31.5	95	62	E 1	NW 2	7	3	------
18	60.68	58.06	24.4	32	90	59	SE 2	N 2	4	3	1.5
19	60.71	57.88	25.1	30.6	93	65	SE 3	NW 3	7	7	------
20	60.19	57.97	24.5	31.6	95	62	S 2	N 3	9	3	1.8
21	60.53	58.55	24.5	31.5	92	60	S 3	N 3	4	3	5.1
22	62.16	59.15	24.5	31.2	95	64	S 1	N 3	8	3	------
23	61.12	58.42	25	30.6	92	65	S 3	NNW 3	2	2	------
24	59.59	57.81	23.6	80	91	64	ESE 2	NNW 2	5	8	------
25	57.97	57.57	22.6	30.7	96	65	SE 1	N 4	3	8	------
26	57.85	56.87	24.5	29.1	92	74	Calm	NNW 3	9	10	------
27	55.72	53.43	28	29.6	70	69	NNW 3	WNW 3	10	10	8.6?
28	55.13	54	26.5	29.6	78	67	WNW 3	NNW 4	10	9	------
29	55.40	54.55	24.5	30.6	92	65	S 3	N 6	8	6	------
30	56.76	55.11	24.6	30.5	95	66	S 2	N 2	8	8	------
31	57.29	55.78	25.4	30.5	88	69	S 2	W 1	10	10	6.1?
Mean	59	57.34	24.5	29.5	92.2	72.6	1.8	2.3	5.7	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	197.4

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.83	57.28	25.1	30.5	88	72	S 3	S 2	10	9	3.8
2	59.20	57.71	25	30.1	89	68	SSE 3	S 4	9	5	------
3	59.43	57.11	25.4	31.4	90	66	S 2	S 2	7	9	4.6
4	59.63	57.68	24.7	30	93	75	S 3	S 2	6	9	------
5	59.69	58.53	24.5	32.1	93	60	S 3	SSE 3	9	3	------
6	60.94	59.41	25.5	29.8	92	75	ESE 2	NW 2	3	8	3.6
7	60.33	58.62	24	27.8	95	91	ESE 1	SSE 1	3	8	5.1
8	59.92	57.80	24.1	30.4	95	63	S 2	NNW 2	3	4	------
9	59.51	57.59	25.1	31.4	92	66	SSE 2	S 2	2	5	------
10	60.31	58.75	25.2	30.6	90	74	S 2	NNE 2	3	4	1
11	60.33	58.33	24.9	28.4	93	80	SE 2	S 2	3	5	2.8
12	59.87	57.53	24.2	28.4	91	73	SSE 3	NE 1	2	5	------
13	59.35	56.97	24.7	31.5	91	63	SSE 2	NNW 3	2	5	.3
14	59.66	58.18	24.2	28.7	93	83	Calm	NNW 2	2	7	------
15	59.36	57.51	24.7	28	95	85	S 1	NNW 1	7	9	.3
16	58.15	56.57	24.5	28.3	96	79	ESE 1	NNW 3	7	10	37.1
17	56.99	55.44	24.5	26	97	95	NNW 2	N 1	10	10	39.4
18	55.85	55.83	24	27	97	88	Calm	S 2	10	10	1.5
19	57.45	56.62	24.2	31.4	93	67	S 2	S 2	6	7	4.8
20	58.40	57.56	23.9	30.5	92	63	ESE 1	NNW 3	9	8	------
21	59.93	58.15	23.5	30.4	96	72	ESE 1	NNW 4	4	5	7.4
22	59.71	58.51	25	29.1	96	77	N 1	NNW 3	7	8	1
23	59.14	59	24.3	24.9	97	92	Variable 1	S 1	10	10	11.2
24	58.27	57.38	23.5	25.8	97	93	Calm	NNE 1	10	10	10.4
25	57.95	57.39	24.5	27.5	96	78	Calm	NNW 3	10	10	------
26	57.67	57.05	24.6	27	95	86	S 1	W 1	10	10	8.9
27	57.39	55.97	24.2	29.1	97	77	SSE 1	NNE 4	8	10	------
28	56.94	55.40	24.1	31	95	66	S 2	WNW 4	7	5	.8
29	57.58	56.57	25	27	92	88	S 3	Variable 2	8	10	4.3
30	58.09	56.08	24.6	29.9	95	75	S 2	S 1	8	9	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.83	57.42	24.5	29.1	93.7	76.3	1.6	2.2	6.5	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	148.6

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.79	56.31	24.5	31	91	62	SE 2	NNW 3	7	3	------
2	57.99	56.73	25.4	31.1	93	62	S 1	NNW 3	7	3	------
3	58.10	56	26.6	30.1	83	64	NNE 3	NNW 4	7	8	------
4	56.43	55.61	26.1	28.4	85	71	N 2	NNW 3	10	10	------
5	56.52	55.96	25.6	29.2	87	70	S 1	NNE 4	10	9	------
6	57.15	55.01	25	31.4	85	54	SE 1	NW 1	10	7	------
7	57.28	55.93	24.9	32.8	91	50	S 2	NW 1	8	5	------
8	57.48	56.09	25.4	31.8	88	52	S 4	NNW 3	8	2	------
9	58.26	56.51	25	30.6	92	65	SSE 1	N 4	8	8	------
10	58.19	57.11	25.2	31.3	91	64	S 3	NNW 3	9	7	------
11	58.96	57.86	25.8	31.8	88	54	SSE 2	N 3	7	7	------
12	59.23	58.34	25.6	31.6	91	62	S 3	NNW 3	7	7	------
13	58.83	58.34	24.5	31.6	86	57	SE 3	N 4	7	5	------
14	59.14	58.69	24.5	30.9	92	61	SSE 3	N 2	7	8	------
15	59.26	58.22	25.1	30.5	89	62	SSE 1	N 4	10	9	------
16	58.39	56.81	25.2	29.5	90	68	SSW 1	NNW 3	10	10	------
17	57.45	57.13	24.5	29.9	92	65	S 2	N 4	8	8	------
18	57.93	56.68	24.2	30.2	94	66	SSE 2	N 4	6	7	------
19	58.06	56.63	24.1	29.1	94	66	S 1	N 4	8	10	2.5
20	57.58	57.60	24.7	24.6	94	92	S 1	NE 1	10	10	3.3
21	58.39	57.13	24.6	29.2	92	70	Calm	N 4	9	7	7.6
22	57.25	55.75	24	30.1	95	62	S 1	N 3	7	7	------
23	55.93	55.15	24.6	30.2	91	61	S 1	NNW 2	4	7	------
24	57.18	55.85	24.5	33	92	55	S 2	S 3	3	8	6.6
25	58.10	56.73	24	30	91	72	S 2	SSE 1	7	8	1
26	58.50	56.50	24.1	31.7	91	57	S 2	NNW 3	3	4	------
27	59.06	57.35	23.6	30.3	90	60	S 2	NNW 1	5	7	------
28	59.75	57.95	23.1	32.2	96	58	S 3	NNW 3	3	5	------
29	60.43	58.30	24.1	32.6	91	53	SSE 3	S 3	3	4	3.8
30	59.57	57.98	24.1	29.2	95	69	NE 1	NNW 2	10	6	.3
31	60.13	57.57	24	31.5	91	57	SSE 2	N 3	2	7	------
Mean	58.20	56.90	24.7	30.6	90.7	62.6	1.9	2.9	7.1	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	25.1

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.85	58.03	24	29.8	91	63	S 1	N 3	3	6	------
2	59.48	57.47	23.6	30.8	94	69	SSE 1	NNW 3	3	5	------
3	58.51	57.09	24	29.2	93	70	NW 1	NNW 3	10	8	20.1
4	58.25	57.52	23.6	29	95	71	SSE 1	N 3	10	8	------
5	58.59	57.79	24.1	28.8	91	70	SSE 3	NNW 2	9	9	33.5
6	59.02	58.18	23.6	27.1	95	78	SE 1	N 1	10	10	3.3
7	58.75	57.94	24	29	92	68	SSE 1	N 3	10	9	.3
8	58.45	57.43	24.1	31	94	67	SE 2	N 4	10	7	------
9	58.53	57.63	24.5	28.9	92	74	SSE 3	N 3	7	8	3
10	58.25	56.31	24	31.4	96	61	SE 1	NNW 3	7	7	------
11	56.10	55	24.1	31	87	55	S 2	NNW 3	8	7	------
12	56.53	55.58	24.4	29.6	87	72	SSE 2	S 2	10	7	------
13	57.60	55.70	24.5	31.4	89	61	S 2	S 2	5	3	------
14	58.46	56.48	25.1	30.9	88	64	S 2	S 2	3	7	------
15	58.37	56.90	24	30.1	87	71	SE 1	NNW 3	9	8	64.3
16	58.10	56.68	23	28.8	97	72	Calm	NNW 4	5	8	2.5
17	58.29	57.61	23.9	28.6	96	74	NNW 1	NNW 3	8	8	5.6
18	58.97	57.15	24	29.8	94	67	S 1	NNW 3	3	5	------
19	58.43	56.97	25.2	30.2	93	70	SSW 1	N 3	7	5	.3
20	58.28	57	24.6	30.6	92	65	SE 1	NNW 1	9	6	------
21	58.28	55.91	25	32	90	55	S 2	NNW 2	5	6	------
22	58.84	57.28	24.6	31.9	91	55	S 3	NNW 3	3	2	------
23	59.80	58.25	24	31.1	91	62	S 2	NNW 3	2	3	------
24	60.19	58.48	23.7	31.6	91	57	S 2	NNW 3	3	3	------
25	59.58	58.07	22.9	30.6	91	60	S 1	NNW 3	3	3	------
26	58.55	56.81	23	31.3	88	60	S 3	NNW 4	4	3	------
27	58.24	56.22	24.1	33	91	47	S 3	NNW 3	2	2	------
28	59.61	58.03	24.6	31.6	90	56	S 3	NNW 3	1	2	------
29	60	58.36	24.2	32.2	90	46	S 3	N 4	2	3	------
30	59.62	58.22	24.4	31.5	89	53	S 2	NNW 5	4	3	------
31	58.18	57.07	24.1	31.6	91	54	S 3	NNW 4	8	4	------
Mean	58.64	57.20	24.1	30.5	91.5	63.5	1.8	2.9	5.9	5.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	132.9

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.79	56.35	24.6	31.9	87	57	S 2	NNW 4	6	3	------
2	57.40	55.81	25	30.5	88	66	S 2	NNW 2	10	9	------
3	56.86	54.94	24.8	31.5	92	60	S 2	N 3	6	6	------
4	57.10	55.45	24.8	32.2	86	50	S 3	N 3	7	6	------
5	57.85	55.22	24.6	32.6	87	52	S 3	NNW 3	10	3	------
6	57.43	55.34	24.5	32	87	52	SSE 3	NNW 4	5	4	------
7	57.11	55.54	24.6	31.1	87	66	S 2	NNW 4	3	2	------
8	57.55	55.20	25.1	33	89	55	SSE 2	N 3	6	7	1
9	58.26	56.36	24.6	30.6	92	59	S 2	NNW 2	7	7	------
10	58.56	57.61	25	31.5	88	54	S 2	N 3	7	6	------
11	59.26	57.81	24	31.6	91	54	SSE 3	NNW 3	1	3	------
12	58.88	57.43	25.1	30	87	65	S 2	NNW 3	8	8	------
13	59.46	57.75	24.9	30.5	89	54	S 2	NNW 3	9	7	------
14	59.51	57.87	23.6	31.8	95	52	S 1	NNW 3	3	6	------
15	60.40	58.12	23.5	31.6	91	57	S 1	N 4	3	3	------
16	59.36	57.34	24.9	31.5	90	58	ESE 1	WNW 4	1	4	------
17	58.94	56.74	24.4	32.4	91	57	S 2	N 3	1	7	------
18	59.36	57.57	24.2	32.5	91	55	S 2	NNW 4	3	6	------
19	60.24	58.80	23.9	31.6	89	57	S 1	NNW 3	7	6	------
20	60.40	58.70	24	31.5	91	60	SE 1	NW 4	4	4	21.1
21	58.96	58.35	22.8	25.3	97	89	ESE 1	N 1	7	9	120.4
22	58.46	57.27	22.5	28.7	100	69	S 1	N 3	7	9	------
23	57.30	56.96	23.6	30	96	65	S 1	N 3	6	9	------
24	57.61	56.88	24.5	28.6	93	68	SE 1	N 2	7	9	------
25	58.45	56.58	23.6	30.6	95	65	SE 1	NNW 3	5	4	8.6
26	59.22	57.41	23.2	29.6	94	63	S 1	NNW 3	9	3	.3
27	59.23	57.62	24.8	29.2	92	75	SSE 2	N 3	7	6	------
28	59.75	57.92	24.6	29.6	94	67	S 3	NE 1	10	7	------
29	59.55	57.51	24.5	30.6	92	68	SSE 2	S 2	5	5	------
30	59.85	58.01	23.7	31	92	65	SSE 1	N 3	5	3	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.67	57.02	24.3	30.8	91.1	61.1	1.8	3	5.8	5.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	151.4

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.12	58.18	24.1	31.8	89	55	S 2	NNW 2	7	5	------
2	59.82	58.23	23.5	31.1	94	62	SE 1	NNW 3	1	3	------
3	60.29	59.02	24.6	27.4	91	81	E 1	N 1	6	7	0.3
4	60.44	58.22	24.3	30.4	91	59	SSE 3	SE 1	4	6	------
5	60.92	59.13	23.1	30.6	91	52	ESE 1	NNW 3	3	3	------
6	60.73	59.37	22.6	26	91	86	SSE 1	S 1	3	8	.8
7	59.58	58.36	22.5	30.6	96	65	E 1	N 3	5	3	------
8	60.31	58.77	24.6	28.8	93	73	SE 1	NNW 2	7	8	1.8
9	61.03	59.26	23.4	29.6	96	74	Calm	N 3	7	6	1.5
10	60.29	59.15	22.6	28.9	96	73	S 1	N 3	3	9	1.3
11	59.45	58.01	24	29.5	97	70	S 2	NNW 3	10	4	.5
12	59.82	58.22	23.6	29.5	91	65	S 1	NNW 3	9	5	------
13	60.19	59	21.6	29.8	96	67	S 1	NNW 3	10	3	------
14	61.15	59.82	23.4	29.9	92	65	E 1	NNW 2	5	7	------
15	60.88	58.82	23.1	30.2	91	60	SE 1	NNW 3	0	4	------
16	60.47	59.02	23.3	30.4	93	59	ESE 1	NNW 3	0	3	------
17	61.09	59.57	22.6	30.9	91	57	E 1	N 3	0	3	------
18	61.12	59.36	23.6	31.5	91	56	ESE 2	N 3	1	4	------
19	60.67	58.85	24	31.5	87	54	S 2	SSE 3	0	3	------
20	60.99	59.19	24.6	32.7	91	47	S 2	W 3	1	3	------
21	61.52	60.24	23.7	29.1	94	73	ESE 1	E 3	2	7	1.5
22	61.33	59.78	23	30.5	95	62	S 1	N 3	6	4	------
23	60.83	59.77	23.3	26.6	93	80	ESE 1	NE 3	3	9	3.8
24	61.22	60.01	24.2	26.5	93	86	S 1	SSE 1	8	10	19.3
25	60.64	59.67	23.6	26.2	97	87	S 3	ENE 2	10	9	3.6
26	61.28	59.56	24	27	96	84	Calm	NNW 3	6	10	2.5
27	60.08	59.16	24.4	26.1	91	91	SSE 2	S 3	3	10	1.3
28	61.13	60.38	24.4	26	92	88	SE 2	Calm	10	10	.5
29	61.08	59.12	23.6	29	97	65	Calm	NNW 1	8	7	------
30	60.83	59.51	23.6	26	95	92	ESE 1	S 3	7	10	15
31	61.36	59.72	21.5	26.7	96	84	Calm	S 1	3	9	.5
Mean	60.67	59.18	23.5	29.1	93.1	70.1	1.2	2.4	4.8	6.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	54.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.68	60.03	23.6	27.1	96	81	S 2	S 2	7	4	1.5
2	61.32	59.88	22.5	27.5	96	75	ENE 1	E 1	3	7	8.6
3	60.57	58.37	23.9	27.4	97	82	Calm	NNE 1	7	10	------
4	60.58	58.76	22	27.2	100	75	ENE 1	NE 3	1	5	.5
5	60.95	59.23	22.6	30.1	95	68	ESE 1	NNE 3	2	8	------
6	60.28	58.29	23.5	28	96	77	ESE 2	S 2	5	8	2.8
7	59.85	57.93	21.6	29.6	96	64	E 1	NE 1	2	4	.5
8	59.87	57.67	22.5	29.6	97	65	ESE 1	SSE 2	10	5	------
9	59.73	57.96	21	29	95	74	E 1	WSW 1	2	8	.8
10	59.90	57.76	22.6	30	99	68	Calm	NNW 2	10	5	------
11	58.75	57.67	21.9	27.3	96	79	Calm	S 3	8	9	.3
12	59.19	57.77	22.8	29.6	95	67	S 1	NNW 2	4	5	------
13	59.49	57.81	22.6	30.4	96	63	NE 1	N 2	1	3	------
14	59.68	58.12	23.2	29.1	94	71	ENE 1	SSE 3	2	7	1.8
15	59.05	57.42	23.5	30	96	68	S 1	NNE 2	4	5	------
16	58.92	56.92	22.4	29.1	92	67	ESE 1	SSE 3	1	7	------
17	58.47	57.38	23.4	27.5	92	82	SE 2	WSW 1	3	9	15
18	58.96	57.98	22.4	26.5	98	86	E 1	E 3	7	9	.3
19	59.50	58.93	23.6	28.5	94	77	E 2	NW 2	1	5	1.1
20	60.22	58.56	23.1	30	95	71	SSE 2	S 3	3	7	------
21	59.84	58.69	23.1	27.8	96	79	Calm	S 1	3	6	13
22	59.75	58.73	23.6	30.1	96	62	ESE 1	NNW 1	4	5	------
23	60.15	59.27	21.5	26.8	95	79	ESE 1	NNW 1	4	10	.6
24	59.59	58.03	23.1	29.1	99	70	ENE 1	NNW 2	8	4	------
25	58.81	58.06	22	29.4	96	71	Calm	NNW 3	3	3	26.4
26	57.72	57.60	24	29.6	93	64	S 1	ESE 4	10	6	1.5
27	60.35	58.68	25.1	29.6	90	68	S 3	NNW 2	5	6	------
28	60.38	57.64	22	29.6	96	67	S 1	N 3	3	4	------
29	58.92	58.01	23.7	28.1	90	77	S 3	S 1	9	9	------
30	59.39	58.22	23.5	29.7	93	73	ESE 1	S 3	4	5	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.73	58.25	22.9	28.8	95.3	72.3	1.1	2.1	4.5	6.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	74.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.87	57.87	23.6	30.5	96	65	S 1	NNE 1	2	6	0.5
2	60.33	58.80	23	27.3	96	86	SSE 1	S 1	3	6	1.3
3	60.08	58.78	24.5	25.6	94	88	S 1	N 1	7	7	.5
4	59.50	58.04	23.5	28	94	79	S 1	E 3	5	7	5.1
5	59.30	57.81	23.5	28	96	77	SE 1	NNW 2	2	10	------
6	59.99	58.08	24.5	27.9	96	85	ESE 1	S 1	3	10	3.3
7	59.38	57.77	24.2	29.1	97	71	ENE 1	NNW 2	9	5	3.3
8	59.01	57.75	23.5	27.1	94	83	S 1	S 1	7	7	2.3
9	58.96	58.01	23	26.1	96	91	E 1	N 1	8	10	10.9
10	59.12	58.03	23.1	26.4	97	86	S 1	S 1	10	9	10.1
11	59	57.89	23.5	26.6	97	84	E 1	S 3	10	8	12.4
12	58.89	58.03	23.6	27.3	94	87	SE 2	S 3	10	9	6.6
13	59.85	58.34	24	29	97	71	E 1	N 2	5	3	1.5
14	60.19	59.23	22.8	28.5	97	70	Calm	NW 2	9	4	.3
15	59.98	58.96	23.4	29	90	67	SE 2	S 2	2	3	------
16	61.35	60.28	21.4	29.5	93	61	E 1	SSW 2	3	7	1
17	61.85	60.61	22.1	28	96	67	ESE 1	NNW 2	1	7	------
18	61.35	59.88	21	28	96	74	SSE 1	NW 3	2	4	------
19	60.35	59.51	21.6	28.3	95	71	E 1	NNW 3	5	8	2.3
20	59.92	58.77	24.1	27.9	98	89	Calm	N 3	10	9	1.5
21	59.92	57.48	24	30.9	97	64	S 3	SSE 3	8	3	------
22	59.89	57.15	23.5	31.4	92	55	S 1	S 2	3	3	------
23	60.34	59.63	22.7	29.4	95	68	ESE 1	N 2	6	6	.5
24	60.90	59.57	23.2	29.9	94	65	E 1	N 1	6	6	.5
25	62.15	60.13	22.6	29	91	60	S 2	E 3	3	3	------
26	61.75	60.76	20.2	27.4	93	78	E 1	N 2	3	10	------
27	61.72	60.30	21.6	28.8	96	60	Calm	N 2	1	7	------
28	61.31	59.63	21.5	28.5	92	60	S 1	NNW 2	3	4	------
29	61.03	58.86	19.1	27.3	94	75	E 1	NNW 3	6	7	------
30	59.68	58.80	22	27.1	93	77	E 1	N 2	4	8	1.5
31	60.88	59.53	23.1	28.6	96	64	E 1	NNW 2	4	8	8.1
Mean	60.25	58.88	22.8	28.3	94.9	73.5	1.1	2	5.2	6.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	73.5

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.65	60.61	23.8	28	81	70	WNW 1	N 2	4	6	------	60.43	59.36	25	28	81	62	NNE 3	N 4	7	4	------
2	61.80	61.32	26	24.8	76	93	N 2	NNE 3	10	10	15.2	59.93	58.76	22.3	28.1	84	61	WNW 2	N 3	4	8	------
3	62.28	61.45	25.4	28	80	72	NNE 2	NE 3	7	7	------	60.41	59.15	25.3	27.7	81	67	NNW 2	N 4	9	9	------
4	62.15	61.54	24.1	28	84	74	W 1	N 3	6	7	------	60.16	59.08	25.9	27	77	70	NNW 2	NE 4	9	10	------
5	63.04	61.76	24	27.4	88	75	NW 2	NE 3	4	7	3.3	60.28	60	25.4	26.8	79	75	NNE 3	NE 4	7	9	------
6	63.12	61.75	24.4	27.3	83	78	W 1	NE 3	7	7	------	60.69	60.11	25.3	26.8	77	68	NNE 3	NE 3	4	7	------
7	62.92	61.91	24	27.7	85	64	NNW 2	NE 3	5	5	2.8	60.64	59.56	24	26.7	79	64	NE 3	NE 3	6	7	------
8	63.37	62.85	23.1	26.9	87	70	NW 1	NNE 3	4	7	------	61.19	60.56	22.5	26.7	83	64	WNW 1	NE 2	8	4	------
9	64.50	63.77	26	25.2	80	88	NE 3	E 5	8	10	4.6	60.82	59.80	23	27.2	88	68	NW 1	NNE 2	8	7	------
10	64.37	63.45	25	26.9	68	69	NbyE 3	NE 4	9	5	------	61.50	60.40	24.9	26.8	81	71	NNE 3	NE 3	9	7	------
11	63.36	61.96	20.6	27.1	80	63	W 1	NNE 2	5	2	------	61.31	60.85	25.4	27.1	76	64	NNE 3	NE 2	3	6	------
12	61.69	60.50	24.9	26.2	78	68	NW 2	NW 4	9	9	1	61.88	61.42	23.3	26.3	80	77	WbyN 2	NE 3	7	7	7.9
13	61.42	60.23	24	27.4	87	78	W 1	NNE 2	4	6	------	62.56	62.21	25	27.7	77	64	NE 3	NNE 3	9	6	.8
14	61.27	60.29	23.1	28	83	69	NNE 2	NNE 2	5	4	------	62.64	61.82	24.9	27	76	68	NE 3	NE 2	7	7	------
15	61.87	60.17	25.3	28.4	84	70	N 2	NNW 3	9	7	------	62.64	61.86	23.5	25.5	87	80	NNE 4	NE 4	8	9	1
16	62.16	60.80	24.5	27.5	79	76	WNW 2	N 2	9	9	1.5	62.39	61.41	22.3	26.7	77	64	W 1	NNE 2	5	2	------
17	62.71	61.53	24	25.4	86	87	WNW 2	NE 3	9	10	.5	62.68	61.45	21.3	28	76	61	WNW 2	NE 1	4	1	------
18	62.18	61.26	24.4	24.7	87	87	NNE 3	NNE 5	10	10	9.3	61.72	61.31	24	26.7	79	71	N 1	NE 2	9	1	------
19	61.22	58.92	24.3	27.7	89	78	NW 1	NNE 3	10	9	------	62.38	61.01	22.2	27.5	84	64	W 1	NNE 1	2	1	------
20	60.33	58.73	25	27.8	85	77	NNE 2	N 3	7	7	------	62.07	60.98	23.3	26.8	81	67	NW 2	ENE 3	7	1	------
21	59.73	59.39	25.1	25.2	91	88	NW 2	NNE 3	10	10	1	61.49	60.28	21.7	27.2	80	67	W 1	NE 1	4	4	------
22	60.36	59.81	24.2	27.6	86	74	NW 2	NE 2	9	10	------	60.74	59.91	25.3	26.5	79	74	NE 2	NE 2	8	7	------
23	60.48	59.53	25	28.2	80	73	NbyW 2	N 3	10	9	1	61.38	61.18	22.3	27.4	87	69	W 1	E 2	4	2	------
24	60.56	59.70	25.3	27.4	82	70	NNE 4	NNE 4	10	7	------	61.51	60.37	22.5	27.2	87	74	W 1	E 1	4	1	------
25	60.43	59.68	25.1	27.7	77	61	NE 4	NNE 3	7	7	------	61.12	60.35	21.9	27.6	81	68	WSW 2	NE 2	4	3	------
26	60.23	60.03	24.9	26.3	80	80	NE 3	NNE 2	10	10	1.5	61.57	61.30	21.6	26.6	77	70	WNW 1	NE 2	5	4	------
27	61.02	60.15	24.9	26.6	88	81	N 2	NNW 3	8	10	1.5	62.71	61.86	23	26.4	79	74	WNW 2	NE 2	4	3	------
28	61.22	59.61	24.9	28	78	63	N 2	N 2	9	4	------	61.98	61.67	24.1	27.7	72	72	NW 2	NNE 2	7	6	------
29	60.56	59.25	24.5	28.3	80	64	NNW 2	N 2	8	4	------	------	------	------	------	------	------	------	------	------	------	------
30	60.27	59.24	23.7	26	87	86	NNW 2	NE 4	4	9	------	------	------	------	------	------	------	------	------	------	------	------
31	60.80	59.77	25.9	27.4	85	73	NE 3	NE 3	10	6	------	------	------	------	------	------	------	------	------	------	------	------
Mean	61.74	60.68	24.5	27.1	82.7	74.8	2.1	3	7.6	7.4	------	61.46	60.64	23.6	27.1	80.2	68.5	2	2.5	6.1	5.1	------
Total	------	------	------	------	------	------	------	------	------	------	43.2	------	------	------	------	------	------	------	------	------	------	9.7
	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.03	61.67	25.8	27.2	82	74	NNE 2	NNE 2	4	5	------	58.58	58.01	26.6	29.4	83	68	NEbyN 3	ENE 1	9	7	------
2	62.47	61.15	25.3	29.2	81	57	NW 2	NNE 3	8	6	------	59.06	58.61	25.5	29.6	72	59	NNW 2	N 4	4	4	------
3	61.86	60.25	24	27.4	86	74	NWbyN 2	NNW 3	3	9	------	59.01	58.60	25.6	30	86	65	NW 2	N 2	3	9	4.6
4	59.08	58.35	25.4	29.7	88	68	NW 2	NbyE 2	9	6	1.2	59.34	58.52	25	27.8	89	82	NWbyN 1	ENE 2	6	3	------
5	58.26	57.12	25.9	27.7	88	81	Calm	ENE 2	8	3	1.5	59.76	58.34	25.6	28.2	84	81	Calm	ENE 2	6	4	------
6	58.94	57.80	25.1	28.2	94	74	NNW 1	NNE 2	10	3	------	59.25	58.31	26.8	29.1	84	71	NE 2	ENE 2	6	3	------
7	58.56	57.58	26.6	27.4	77	79	NNE 2	NE 2	9	1	3.8	59.87	59.04	25	28.7	77	77	W 1	ENE 4	4	6	------
8	58.88	58.05	26	28	85	78	NNE 4	NNE 2	8	4	------	60.26	59.39	23.7	28.5	83	70	Calm	NEbyE 2	4	2	------
9	58.89	58.18	26	27.9	76	75	N 2	NE 2	8	7	------	61.01	60.65	27.2	28	68	72	NEbyN 2	E 3	4	6	------
10	59.26	59.24	26.4	26.6	73	84	Calm	ENE 2	9	4	------	60.75	59.45	24.4	28.5	78	71	W 1	ENE 3	4	5	------
11	59.18	58.68	25.4	27.5	76	78	N 2	ENE 2	7	2	------	59.83	58.30	26.5	28.8	82	69	NE 2	NNE 2	7	4	------
12	59.46	59.26	26.9	28.7	78	78	NNE 2	ENE 2	8	2	------	59.32	58.10	25.9	28.2	88	76	WNW 1	NEbyN 2	7	7	6.4
13	60.31	59.96	25.8	27.5	83	78	Calm	NE 2	8	3	------	59.44	59.12	26.5	27.7	84	79	NNE 2	NEbyE 2	8	3	------
14	60.38	59.99	26	27.7	85	78	NNW 2	NEbyN 2	7	3	------	60.29	59.61	24	28	85	79	W 1	ENE 2	5	4	1
15	61.28	60.21	26.6	27	79	79	NNE 3	NE 2	8	4	------	60.97	60.45	24.7	28.6	80	72	W 1	ENE 2	7	6	------
16	60.41	59.90	23.8	26.7	71	76	NNE 1	ENE 2	5	5	------	61.06	59.17	25.2	27.8	81	76	Calm	NEbyE 2	8	2	------
17	61.11	61.38	25.7	26.6	83	79	NNE 3	NNE 2	6	7	------	59.98	58.46	24.3	28	89	74	SEbyE 2	NE 2	8	6	------
18	62.72	61.82	26.2	28	78	67	NNE 3	ENE 2	7	4	------	59.39	58.72	24	29.4	77	65	W 1	ESE 2	6	4	------
19	62.51	60.84	25.7	28.3	80	67	NE 2	NNE 2	7	7	3.8	59.45	58.67	27.7	28.5	78	76	NE 3	E 2	7	2	------
20	60.76	58.98	24	29.7	93	56	NW 1	N 2	6	7	------	60.70	59.40	27.4	28.6	81	74	NE 2	NEbyE 2	7	3	------
21	59.45	58.62	24.1	27.7	87	76	WNW 1	ENE 2	7	8	------	61.65	59.85	27.8	29.6	71	67	NE 3	NNE 2	7	8	6.7
22	59.51	58.77	26.4	28.4	76	73	NNE 2	NEbyN 2	8	7	------	59.49	58.99	26	28.5	89	82	WNW 1	NNE 3	7	8	------
23	59.60	58.72	26.9	27.5	77	75	NE 3	ENE 2	5	4	------	59.91	58.77	27.4	29.1	80	78	NE 1	ENE 1	7	1	------
24	59.48	59.10	26.4	28.5	79	66	N 1	NE 2	7	6	------	59.48	58.69	26	29.2	89	74	WNW 1	E 1	4	4	------
25	59.81	58.96	24	28.2	83	72	N 1	NE 2	3	2	------	59.26	58.90	27.5	30	82	65	NE 3	NE 1	7	4	------
26	59.84	58.99	26	29	73	62	N 2	N 2	10	7	3	60.20	59.16	27.4	28.6	80	80	NEbyN 3	NEbyN 2	6	6	------
27	59.28	58.68	26.5	28.2	71	70	NNE 2	N 2	8	8	------	59.62	58.71	24.7	28.7	70	72	W 1	NEbyN 1	3	7	------
28	59.42	59.35	26.5	28.4	80	70	NNE 3	NNE 2	8	8	------	58.93	58.23	27.5	27	81	85	NNE 2	NE 2	8	8	------
29	60.30	59.42	26	28	81	68	NNE 3	NE 2	6	5	------	58.44	57.61	26.6	28.7	85	71	NEbyE 3	NE 2	4	4	------
30	59.63	59.39	26.4	28	79	74	NNE 3	ENE 2	7	2	------	58.77	57.94	27.4	28.2	73	70	NEbyN 3	NNE 2	4	6	------
31	58.38	57.50	25	30.4	76	61	NW 2	N 2	9	7	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.03	59.29	25.7	28	80.6	72.5	1.9	2.1	7.2	5	------	59.77	58.86	26	28.6	81	73.3	1.7	2.1	5.9	4.9	------
Total	------	------	------	------	------	------	------	------	------	------	13.3	------	------	------	------	------	------	------	------	------	------	18.7

DUMAGUETE.

[ϕ=9° 18′ N ; λ=123° 19′ E ; barometer above sea, 7.7 meters ; gravity correction not applied, —1.87 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.41	58.90	27.2	28.3	81	72	NEbyN 3	NNE 2	7	3	------	56.93	56.74	28	31	67	59	SSW 2	SSW 3	9	10	3.3
2	60.53	59.32	27	28.6	80	73	NNE 3	NE 2	4	3	------	57.91	57.46	25	28.7	85	73	Calm	ESE 3	10	8	------
3	60.16	58.75	27.4	27.8	76	84	NNE 3	NNE 2	8	4	------	58.36	56.96	25.1	30	85	72	SW 1	SSW 3	9	7	.7
4	59.15	57.45	27.3	28.7	82	78	NE 3	NE 2	6	4	------	58.75	57.56	24.3	30.5	86	68	SW 1	S 2	7	7	------
5	57.98	56.56	25	28.5	73	70	NNE 1	EbyN 2	3	3	------	59.33	58.17	25.6	29.8	87	75	W 1	SSE 2	5	6	------
6	58.30	56.85	26.2	28.5	77	76	N 1	ENE 2	6	3	------	60.26	58.79	25	30.4	80	74	Calm	SSE 2	6	6	------
7	58.18	57.97	26.8	28.6	83	81	NNW 1	NNE 2	7	7	------	59.75	58.39	25.3	28.8	82	75	W 1	NE 3	3	8	------
8	58.72	57.85	25.8	28.6	84	78	Calm	ENE 2	7	5	------	58.84	57.95	26	28.9	82	76	W 1	ENE 2	4	4	4.9
9	57.59	56.15	26.2	28.5	82	80	W 1	E 2	3	2	------	58.83	57.76	26.2	29	91	74	W 1	ENE 3	8	6	------
10	56.26	55.07	26	28.5	88	78	SSW 1	NE 2	4	4	------	59.34	58.90	26.1	29.6	79	77	Calm	S 2	7	7	------
11	56.38	56.98	27.9	28	82	82	NNE 3	SE 1	9	10	------	59.62	58.24	26.1	29.4	82	77	WbyN 1	EbyS 2	6	3	------
12	58.24	57.45	27	28.4	79	84	NNE 2	NE 2	6	7	------	59.22	57.61	26.4	28.5	84	78	Calm	ENE 2	7	8	------
13	58.71	58.04	28	28.8	74	75	NE 3	EbyN 2	7	8	------	58.78	57.27	25.4	29	80	78	Calm	NE 2	7	6	------
14	59.22	58.42	27.7	28.6	76	75	NE 2	NE 2	5	8	0.8	59.28	57.79	25.8	29.1	78	77	Calm	S 2	6	8	------
15	59.30	58.15	27.6	28	78	81	NNE 2	NNE 2	5	5	5.8	58.51	57.24	25.6	30.2	83	68	W 1	E 2	6	6	------
16	59.61	58.55	25	29	90	76	Calm	SSE 3	7	8	.5	57.75	56.15	26.5	29.7	84	79	N 1	S 2	8	7	4.8
17	59.71	57.84	24.6	29.8	87	75	W 1	SE 2	7	5	3.8	57.11	55.99	24.2	30.4	88	69	W 1	SE 1	9	9	.5
18	60.02	58.36	25	29.2	85	78	Calm	ENE 2	8	7	4.9	55.79	54.85	26.1	27.8	85	79	SE 2	S 4	9	10	9.9
19	60.21	58.06	25.4	29.5	93	75	W 1	SE 2	9	5	------	56.51	56.81	26.3	30.8	80	60	S 3	S 2	9	9	------
20	59.42	57.95	25	32.3	82	54	W 1	SSE 2	6	7	------	57.94	57.04	25	30	86	73	W 1	NNE 3	9	8	------
21	59.90	58.69	26.4	29.7	83	71	SEbpS 3	SE 1	9	9	------	59.30	57.89	24.5	31	86	61	WSW 1	SSW 2	9	9	------
22	61.03	59.34	25.4	30.1	80	75	WSW 1	SEbyE 2	8	5	------	59.32	58.35	25.2	28.8	84	75	W 1	SSE 2	8	7	18.8
23	60.51	58.61	24.8	29	83	76	WNW 1	ESE 2	4	3	------	59.39	58.12	23.9	29	96	81	NW 2	SSE 2	10	9	5.1
24	58.96	57.49	25.2	30	80	75	NW 1	ESE 2	7	8	------	58.16	56.74	25	30.8	89	71	W 1	S 2	9	8	3.6
25	57.74	57.74	25.2	30.3	77	73	NW 1	S 2	4	7	------	56.92	57.06	23.3	28.4	95	77	Calm	SbyE 2	5	9	13.5
26	58.40	57.30	25	32.3	80	60	Calm	S 2	7	9	------	57.32	56.75	24.1	28.9	92	80	SW 1	SSW 2	7	9	13.2
27	56.80	54.94	26.2	29.7	84	67	SW 1	S 2	7	9	9.2	57.47	56.26	24.2	28.4	93	77	W 1	SSW 3	9	9	1.5
28	55.71	54.73	25.8	31	91	69	Calm	S 3	9	9	------	56.84	55.40	25.4	29.7	89	69	SSW 3	S 4	9	7	1.3
29	55.61	54.95	25	28.7	90	74	Calm	NE 2	7	7	13.1	56.93	55.62	25.7	31	84	61	SSW 3	SW 2	9	8	8.4
30	56.87	54.78	25	30.6	95	69	W 1	SW 4	10	7	10.2	57.42	55.95	24	30.8	97	65	Calm	SSW 2	9	9	1.3
31	57.03	55.72	25.1	30.2	85	64	S 2	SW 4	10	9	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.57	57.39	26	29.3	82.6	74.1	1.4	2.1	6.6	6.1	------	58.26	57.19	25.3	29.6	85.3	72.6	1	2.3	7.6	7.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	48.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	90.8
	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.77	56.46	24.2	28.6	93	71	S 1	NNE 2	8	8	------	59.34	58.15	23.4	30.8	85	54	SW 1	swbys 2	3	3	------
2	57.70	56.54	23.4	31	91	72	Calm	SSE 2	3	6	------	59.07	57.86	24	30.5	84	66	WSW 1	S 2	4	4	------
3	57.34	56.33	25.1	29.9	83	71	NW 2	NNE 2	5	7	------	58.27	56.69	23.6	29.7	86	76	W 1	S 3	6	9	------
4	56.37	56.28	25.5	27.4	85	80	NNE 1	SE 2	9	10	14.2	57.80	57.25	23.6	27.7	84	84	WNW 2	SSW 2	7	8	1
5	56.84	56.99	25.1	26	89	89	SEbyS 2	W 2	10	10	4.4	58.04	57.27	23.6	30.6	90	63	WSW 2	NNW 3	6	7	------
6	56.68	55.27	25.8	29.8	76	66	SSW 2	SW 4	9	9	------	58.67	57.75	24.2	30.1	88	62	SSW 2	S 2	8	7	3
7	56.74	55.95	26.7	30.2	78	70	S 4	SSW 3	9	9	------	58.39	57.80	24	27.6	90	73	NE 2	SW 2	8	9	8.7
8	56.69	56.29	25.2	29.4	76	72	S 2	NNE 2	8	7	------	58.48	57.59	23	26.7	97	85	Calm	SSE 2	9	10	13.7
9	57.88	56.78	23.3	31.9	89	56	W 1	SSE 4	4	6	------	58.43	56.96	24	30	97	64	SW 2	SW 2	9	8	1.3
10	58.09	57.18	24.7	34.2	86	55	W 1	SW 3	5	4	------	57.83	57.02	26	28.5	73	70	SW 2	SE 2	9	9	3.7
11	58.61	57.73	26.5	32	86	60	SW 2	S 3	7	9	------	55.75	55.32	26	28.4	84	68	SW 4	SW 6	10	9	------
12	58.36	58.05	26	32	84	55	SSW 2	SSW 3	7	9	------	56.14	55.43	26.5	30.1	80	62	swbyw 3	SW 4	9	7	------
13	58.54	58.14	24	33.1	90	48	SW 1	NNE 2	9	8	------	56.86	55.45	27	32	77	52	S 4	SW 4	9	7	------
14	58.95	58.30	23	28.6	87	85	WSW 1	S 3	7	7	3.3	58.02	56.28	24.8	31.8	83	54	SW 1	SSW 3	5	8	------
15	59.31	57.60	24	32.3	91	63	Calm	S 3	7	7	------	58.28	56.91	22.6	28.9	89	66	W 1	NWbyN 4	6	9	------
16	57.97	56.82	24.8	30.2	89	70	Calm	S 2	7	8	2.5	57.82	56.34	25	30	83	71	NW 1	S 3	6	5	3
17	57.06	56.80	25.6	27.6	79	79	SbyE 2	E 2	7	8	1.5	57.98	57.32	24	29.9	91	72	W 1	NW 2	6	9	9.9
18	57.62	56.75	23.7	28.7	94	70	Calm	NE 2	9	7	------	58.45	57.29	24.1	29.8	94	69	Calm	SSW 2	6	8	------
19	57.27	56.60	24.6	27.2	87	81	WSW 1	S 1	7	8	------	57.97	56.11	24.6	29	87	74	WNW 1	NEbyN 2	8	7	2
20	57.09	56.85	25.2	29	87	76	NNE 2	SSE 3	8	8	------	58.15	56.90	23.1	31	92	61	SSW 1	SW 3	7	8	------
21	57.63	56.79	24.7	28.1	90	74	WSW 2	NNE 3	8	9	1.1	57.64	55.94	26.4	32.5	81	50	SSW 3	swbys 4	6	4	------
22	57.14	55.82	25	28.8	88	76	NNE 2	NbyE 2	9	8	4.1	58.04	57.19	26	32	85	57	swbyw 4	SW 4	6	6	------
23	55.87	54.80	23.8	29.8	91	72	W 1	SSE 4	5	8	------	59.29	57.80	23.1	32.4	82	50	WNW 1	SSW 1	6	5	------
24	56.23	55.88	25	31.8	86	51	W 1	SSW 5	7	7	------	59.63	58.18	22.4	33.5	76	42	W 1	SSW 4	4	4	------
25	56.99	56.55	25.6	31.8	83	50	WSW 2	SSW 4	9	9	------	59.14	57.36	23	35.4	78	35	WSW 1	SW 2	6	3	------
26	57.69	56.18	23.7	32.2	85	57	W 1	SSW 4	4	4	------	58.25	56.83	23.1	32.4	79	47	W 1	SW 4	3	5	------
27	58.22	57.19	23.9	30.8	77	62	Calm	S 4	8	7	------	57.21	55.99	26.7	33	79	47	SSW 4	SW 4	2	4	------
28	59.15	58.29	23.7	29.8	84	69	W 1	SSE 2	6	4	------	59.04	57.44	23.6	32.5	85	48	Calm	swbys 5	2	1	------
29	59.29	58.58	24	30.7	81	70	WNW 1	SSE 2	3	4	2.5	59.80	57.96	24.9	31.4	83	60	Calm	SW 4	5	4	------
30	59.78	58.10	24	29	93	68	Calm	NE 1	9	8	26.7	59.29	58.28	23.5	34	87	49	W 1	SSW 2	6	7	------
31	59.88	58.37	22.6	29	95	69	W 1	SE 2	6	5	------	57.66	56.73	26.2	33	82	47	SSW 2	SSW 4	6	7	------
Mean	57.73	56.91	24.6	30	86.2	68	1.3	2.7	7.1	7.4	------	58.22	57.04	24.4	30.8	84.9	60.6	1.6	3	6.2	6.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46.3

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, −1.87 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.					mm.
1..	57.42	56.12	27	33.5	80	45	SSW 4	SSW 3	5	3	------	59.47	57.91	24.4	30.2	75	70	SW 1	SbyE 2	8	5	------
2..	56.65	55.77	27.3	32	79	54	SW 2	SW 3	9	9	------	59.32	58.30	25	29.5	88	70	Calm	NE 2	8	4	0.8
3..	56.05	55.09	28	31.7	63	53	SW 4	SW 4	6	7	------	59.87	58.90	25.6	29.2	83	74	NNW 2	NE 2	6	5	------
4..	56.33	55.70	27	30.5	77	61	swbyw 3	SSW 4	9	10	------	60.01	58.91	28	28.6	77	73	ENE 2	NE 2	7	9	------
5..	56.63	55.25	27.3	32	75	53	SW 3	S 4	8	8	------	60.15	59.11	24.9	29	79	72	W 1	NE 2	7	3	------
6..	56.30	55.12	27.3	31.5	72	54	swbyw 4	SSW 4	6	8	------	60.05	58.90	24.5	28.6	79	73	Calm	NE 2	7	4	7.7
7..	56.50	55.14	27	33	80	50	SW 4	SW 4	7	6	------	59.22	58.54	25.5	28.8	89	73	W 1	NE 2	7	7	4.7
8..	56.42	55.01	27	34.2	80	47	SW 3	SW 3	6	8	------	60.37	59.05	25.1	28.4	95	80	WNW 1	ENE 1	9	7	3.3
9..	57.08	56.09	27	31.7	75	49	SW 3	swbyw 3	9	9	------	60.61	58.95	24.6	28.8	92	75	W 1	ENE 2	5	6	.8
10..	57.95	57.57	25.7	28.8	82	72	swbyw 2	ESE 2	7	9	------	59.88	59.05	24.3	30.5	86	62	WSW 1	NE 2	5	7	------
11..	58.49	57.22	23.7	32.8	87	52	swbyw 1	ESE 2	4	7	------	59.23	57.69	24	29.7	80	70	W 1	NE 2	6	7	------
12..	58.80	57.30	25.2	28.5	86	72	Calm	ENE 2	8	9	------	59.36	57.97	24.4	29	89	71	WSW 1	NE 2	5	5	1
13..	58.95	58.22	25	25.2	89	90	Calm	NW 2	9	9	10.4	59.81	58.86	25	29	89	69	Calm	NE 2	5	3	------
14..	59.06	58.10	23	28.2	89	74	Calm	SW 2	6	8	------	60.35	59.34	26	29.5	83	66	NNW 2	NNE 2	7	6	------
15..	59.22	58.06	23.9	30.4	81	70	WSW 1	S 2	4	5	------	60.40	58.92	25	28.7	85	70	W 1	ENE 2	6	3	1.5
16..	58.89	57.19	23.5	30	84	73	W 1	S 2	3	8	------	60.15	59.09	25	28.4	94	75	SSW 2	E 2	9	2	1.1
17..	58.29	56.14	24.2	30.7	83	74	SW 1	S 3	3	7	------	60.45	59.55	25.6	28.7	81	69	N 2	ENE 2	7	2	------
18..	58.69	57.39	23.4	31.3	81	64	W 1	S 3	3	5	------	60.60	59.61	27.5	28.8	78	73	ENE 3	NNE 2	4	2	------
19..	59.81	58.64	24.2	29.2	82	71	WSW 1	E 2	4	9	------	60.21	59.11	26	28.7	83	76	N 1	EbyN 2	6	3	------
20..	60.02	58.30	25	30.5	81	68	Calm	S 3	9	7	------	60.48	59.41	24.7	28.8	83	76	W 1	ENE 2	7	4	------
21..	59.09	57.79	23.5	30.6	79	58	W 1	S 3	5	9	------	60.92	60.04	24.9	28.7	87	77	NW 1	NE 2	7	4	------
22..	58.33	57.25	24.4	29	85	73	SW 1	ENE 1	9	9	2.3	60.88	60	26.3	29	80	68	NNE 2	E 2	4	2	------
23..	57.47	57.41	24.9	25.7	85	86	WSW 1	N 2	7	10	7.6	60.15	59.49	27.8	29.5	76	72	ENE 3	NE 2	4	6	------
24..	57.72	56.47	24.9	29.1	89	78	W 1	NNE 2	7	7	------	60.70	59.65	26.3	25.9	78	92	N 2	NNE 3	7	8	4.6
25..	58.11	56.23	24.3	30.6	94	57	WSW 1	NNE 2	7	7	.8	58.78	59.48	25.5	26.2	89	88	N 2	E 2	9	10	26.4
26..	58.94	57.55	24.4	29	91	71	SE 2	NNE 2	9	8	10.4	60.96	59.49	24.1	28	91	79	NNW 2	NE 2	8	7	5
27..	59.40	56.75	23.5	31	96	59	Calm	S 1	10	10	3.3	60.10	58.66	25.2	27.8	90	76	NWbyN 2	NE 3	7	7	3
28..	59.21	57.50	23.5	30	87	67	WNW 1	SbyE 2	7	8	------	60.85	59.47	27	28.3	77	75	N 2	NE 2	8	7	------
29..	59.20	57.10	22.2	31	81	64	W 1	SbyE 2	4	6	------	60.75	59.22	27.4	28.8	82	76	NEbyN 3	NNE 1	9	7	1
30..	59.29	57.80	22.7	30.7	78	65	SW 1	SSE 2	4	4	------	60.42	58.80	25.6	28.2	78	74	N 2	NE 2	7	6	12.2
31..	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------	61.02	59.77	26.9	28.1	77	74	NE 2	NE 1	4	4	19
Mean	58.14	56.84	25	30.4	82.4	64.1	1.6	2.5	6.5	7.6	------	60.21	59.07	25.6	28.7	83.6	73.8	1.5	2	6.6	5.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	34.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	92.1

Day.	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1..	61.32	59.92	23.4	28.5	88	75	SSW 2	NE 2	9	3	------	59.31	58.46	26.7	27.9	83	80	NbyE 3	NNE 2	6	3	------
2..	60.92	59.20	27.3	28.9	76	74	NNE 3	NE 3	4	5	------	59.62	58.65	25.2	28.5	87	76	N 2	NE 2	5	4	2
3..	59.98	58.06	25.2	28.5	84	73	NNW 1	NE 2	4	4	28.4	59.44	58.21	26	28.6	85	73	NW 1	NE 2	8	6	------
4..	60	58.76	24	27.2	92	81	WNW 1	NNE 2	8	8	3.9	58.91	58.14	25.5	29	90	71	NW 1	NNE 2	7	5	5.8
5..	60.53	59.07	24	27.8	92	80	NNW 2	NE 2	8	4	3.9	58.78	57.71	24.9	28.3	94	81	WNW 1	NE 1	8	5	19.5
6..	59.54	58.66	25.3	28.4	89	81	N 1	NNE 2	8	5	------	58.81	58.26	25	28	92	83	W 1	NNE 2	9	6	------
7..	59.36	58.20	26.3	28.3	82	72	N 3	NNE 2	4	4	------	59.27	57.75	27	29.3	84	73	NNE 3	NE 3	9	6	8.9
8..	59.29	57.80	25	29	83	72	NW 2	NNE 2	6	4	------	58.67	57.21	25	27.6	88	73	NNE 1	NE 4	7	7	1.5
9..	59.07	58.05	24.7	28.4	82	71	NW 2	NNE 1	5	6	------	58.37	57.86	25	26	85	89	NW 2	NNE 4	6	9	1.3
10..	59.32	58.01	25.5	28.7	85	78	NNE 1	NNE 2	4	4	------	58.32	57.66	26.5	28.1	82	74	NNE 4	NE 2	9	8	5.1
11..	58.59	56.96	26.1	28.6	87	75	NE 2	NE 3	8	7	------	58.40	57.32	24.3	27	93	84	NW 2	NE 4	10	10	2.5
12..	58.65	57.52	27.3	28.9	78	76	N 1	NE 2	8	1	7.1	57.85	57.90	24.8	27.8	90	82	W 1	NE 3	7	9	1
13..	59.12	57.62	24.3	29.6	87	70	NNW 1	NE 1	7	1	------	59.02	58.36	26.7	28.4	85	75	NE 3	NE 3	8	5	------
14..	59.39	57.71	24.6	28	87	79	WSW 1	NNE 2	6	1	------	59.52	59.12	26.8	27.8	73	69	NNE 3	NE 4	8	10	------
15..	58.33	57.42	26.4	28.1	82	82	NNW 2	ENE 2	6	2	------	59.32	59.25	26.2	28.3	83	69	NNE 3	NE 2	9	2	------
16..	58.65	56.71	24.5	28.1	85	76	NW 2	ENE 2	1	3	------	61.11	60.27	22.5	29.5	87	59	W 1	N 2	3	3	------
17..	58.09	57.11	27	28.5	79	80	NNE 2	NE 1	8	2	------	61.33	60.49	26.6	27.8	82	74	NE 4	NE 3	5	6	------
18..	58.39	57.55	26	28.6	84	75	WNW 1	E 1	7	6	------	61.03	60.14	24	30	83	62	WNW 1	N 3	5	4	------
19..	58.91	58.52	25.8	28.5	85	79	W 1	E 1	4	2	------	60.02	59.32	26.2	29.7	70	65	NNE 1	NE 3	9	7	------
20..	59.53	58.66	26.1	28.8	83	74	NNW 2	NE 2	7	1	------	59.53	58.41	25.9	29	82	74	NW 2	NNE 2	5	5	------
21..	59.60	58.57	27.5	28.8	79	76	NE 2	NE 2	3	5	------	59.46	58.03	26.4	28.4	84	82	Calm	NNE 1	7	7	------
22..	59.43	58.80	26.8	28.5	80	83	NE 3	ENE 3	7	8	------	59.43	58.55	27.2	28.9	81	71	NNE 2	NE 1	7	3	------
23..	59.88	59	27.2	28.4	80	73	NNE 4	NE 2	6	7	------	59.78	59.56	23.1	27.8	83	80	WNW 1	NE 2	3	2	------
24..	59.52	57.79	25.8	29.3	83	74	WNW 1	NNE 2	9	7	------	60.32	59.77	25.5	26.4	84	82	NNW 1	NNE 4	7	9	2
25..	58.46	58.02	25.5	29.1	93	78	W 1	NE 2	7	4	------	61.47	60.62	26.5	30.1	71	69	NE 3	NE 1	5	4	------
26..	58.47	56.04	26.4	23.5	77	93	NW 4	SW 3	9	10	34.8	61.37	60.34	23.6	28.3	85	68	WSW 1	NNE 2	5	4	4.8
27..	59.94	58.61	25.5	28.5	88	75	NNE 1	NE 2	8	3	------	61.75	60.23	24.3	28	95	76	NNW 2	NE 4	10	8	4.3
28..	60.12	57.60	27.5	28.5	78	75	NE 3	NE 2	4	6	3.6	60.74	59.91	25	25.8	73	83	NNE 2	NNE 4	9	10	1.3
29..	58.18	58.02	24.8	28.5	83	73	WNW 1	ENE 2	7	8	------	60.82	58.66	23.4	28.5	81	70	Calm	NNE 2	5	7	6.1
30..	58.59	58.20	25.5	29	82	73	NNW 2	NE 2	4	4	------	59.54	58.74	23.5	27.4	90	78	Calm	NE 2	9	7	5.3
31..	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------	60.52	59.62	23.5	28.5	83	74	WNW 1	NNE 2	6	4	------
Mean	59.31	58.07	25.7	28.4	83.8	76.5	1.8	2	6.2	4.5	------	59.74	58.86	25.3	28.2	84.1	74.8	1.7	2.5	7	6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	81.7	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	71.4

YAP (WESTERN CAROLINES.)

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1..	60.39	58.86	25.4	27.6	77	76	ENE 2	NNE 4	2	6	0.6
2..	60.59	59.30	25.9	29.2	69	66	NE 4	NNE 2	2	5	------
3..	61.21	59.64	26	28.4	76	75	NbyE 4	N 4	8	10	12.2
4..	60.35	59.41	24.8	28	85	74	NNE 4	NNE 4	9	9	1.1
5..	60.66	59.29	25.6	27.9	82	65	NbyE 4	NbyE 4	10	9	------
6..	59.81	58.57	25.6	25.5	91	92	N 2	N 2	10	10	3.3
7..	59.08	59	24.8	30	95	75	Calm	NNW 1	10	8	1.6
8..	58.86	58.39	25.4	28.2	96	84	NNW 2	NNE 2	9	10	6.1
9..	60.71	59.46	25.6	26.4	95	89	N 2	N 4	10	10	4.4
10..	60.48	59.40	25	27.9	92	82	NNE 2	ENE 3	10	10	18.8
11..	59.96	59.11	25.7	28.1	86	77	NE 3	NE 3	10	5	.8
12..	60.36	58.90	25.4	28.5	84	72	NE 2	NNE 2	10	5	------
13..	60.28	59.11	25.7	28.7	86	73	NE 3	NbyE 2	10	6	------
14..	59.73	58.92	25.9	29.5	79	66	NE 2	EbyN 2	10	5	------
15..	60.71	59.11	25.5	28.7	80	66	NNE 1	NNE 2	10	7	------
16..	60.69	59.35	25.7	29.3	79	69	NbyE 2	NE 2	7	9	------
17..	60.88	60.15	25.7	28.2	78	67	NE 3	N 2	9	8	.3
18..	60.17	59.34	26.2	29.1	79	67	NE 2	NE 3	9	9	------
19..	60.19	58.17	25.4	29	80	71	NE 2	NNE 3	10	10	------
20..	59.48	58.26	26.2	27.2	83	80	NE 2	ENE 2	10	10	2.8
21..	59.32	58.25	25.8	29	83	73	NEbyE 2	NE 3	10	10	.3
22..	58.93	58.31	25.6	29	84	74	NNE 1	NNE 2	10	10	3.3
23..	59.44	58.11	26	28	85	77	NE 2	NE 2	10	10	------
24..	58.86	58	25.4	28	84	70	NNE 2	Calm	10	9	------
25..	59.31	58.57	25.2	29.4	88	68	NNE 1	NE 1	8	9	------
26..	59.51	59.07	25.5	29.5	80	64	NE 2	NNE 2	6	9	------
27..	60.07	59.21	25.5	28.3	80	74	NE 2	ENE 2	9	9	------
28..	59.73	58.75	25	30.1	80	64	ENE 2	ENE 2	3	8	------
29..	59.38	58.51	25	29	79	64	NNE 1	ENE 2	4	4	------
30..	59.96	58.31	25	29.1	80	64	N 2	E 2	6	9	------
31..	59.58	58.18	24.6	29.8	82	63	N 1	NE 2	10	10	------
Mean	59.96	58.87	25.5	28.5	83.1	72.3	2.1	2.4	8.4	8.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	55.6

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1..	58.26	57.19	25.5	30.5	84	54	NNE 1	N 1	9	4	------
2..	58.39	57.73	25.7	26	81	92	Calm	NNE 2	10	10	19
3..	58.26	58.02	25	29.3	97	77	NNE 4	ENE 2	10	8	.5
4..	59.16	58.66	25	28.2	84	70	N 3	NNE 2	10	8	4.1
5..	59.13	57.66	25.1	28.7	87	73	N 2	NNE 2	10	8	1.3
6..	58.64	57.57	24.6	28.3	92	70	NE 1	NNE 3	10	10	2
7..	58.54	58.34	23.6	24.9	95	93	N 2	E 1	10	10	125.5
8..	59.55	58.93	23.2	29	98	71	ENE 4	NE 3	10	10	15.2
9..	59.79	59.26	24	28.3	91	73	Calm	NNE 1	8	10	------
10..	59.84	58.61	24	28.5	91	75	Calm	NNE 1	7	10	23.6
11..	59.38	58.70	24.8	28.3	83	70	NE 2	NE 3	10	7	.3
12..	59.78	59.18	24.8	27.1	79	72	NNE 2	NNE 2	7	10	2.3
13..	60.53	59.73	24	27.7	83	70	NNE 2	NNE 3	9	6	1.8
14..	60.25	59.42	25	28.1	81	70	N 1	NE 3	10	10	.5
15..	60.25	59.40	25	28.5	80	67	NEbyE 2	NE 2	6	9	1.5
16..	60.03	59.17	25.4	29.4	81	70	NNE 2	NNE 2	6	9	4.3
17..	60.02	59.39	23.6	26.7	95	71	NE 3	NbyE 2	10	10	9.4
18..	60.80	59.89	24.4	28.8	68	62	NNE 2	NE 3	7	2	------
19..	60.70	59.67	23	28.9	83	62	Calm	NNE 2	8	8	------
20..	60.12	59.39	24.7	29	83	63	NbyE 2	NNE 2	7	6	1.5
21..	59.13	58.11	24.5	28	92	77	NNW 2	NbyE 2	10	8	2.8
22..	59.36	59.39	25.2	29	90	74	NE 2	ENE 2	9	7	6.3
23..	60.06	59.87	24.5	30.5	96	68	N 2	ENE 1	10	7	------
24..	60.66	59.69	24.7	29.5	87	71	NbyE 2	NNE 2	4	9	6.9
25..	60.02	58.80	24.5	29.1	92	70	N 3	NE 2	9	7	.5
26..	60.57	59.57	24.5	30.1	92	61	NNE 1	N 1	10	2	------
27..	61.67	60.66	24.6	28.1	82	70	N 1	NE 3	10	10	------
28..	61.04	60.50	25.1	29.5	83	67	NbyE 1	NNE 2	9	8	.5
29..	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30..	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31..	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.78	59.02	24.6	28.5	86.8	70.8	1.8	2	8.8	8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	229.8

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1..	60.31	59.37	25	28.1	96	88	N 1	NNE 1	10	10	16
2..	60.44	60.11	25.6	25.5	92	95	Calm	ENE 1	10	10	4.3
3..	60.73	59.89	24.5	29	96	78	NNE 1	ENE 2	10	8	5.3
4..	59.53	58.81	25.7	29.2	90	71	NE 2	ENE 2	9	8	------
5..	58.87	57.75	25.1	29.5	83	72	NNE 1	N 1	10	8	.5
6..	58.81	57.81	26.1	29.5	82	71	NNE 2	NE 2	10	8	------
7..	58.78	56.89	25.6	29.5	84	68	NE 1	ENE 2	10	8	2
8..	58.16	57	25	29.5	91	70	NNE 1	NE 1	3	9	1.3
9..	58.46	57.24	24.9	30.5	89	68	NNE 1	NE 1	5	8	------
10..	58.53	57.96	25.1	30	90	71	Calm	NE 1	7	9	------
11..	58.82	58.21	25.9	29.9	88	69	NNE 1	NE 1	10	8	------
12..	59.01	58.85	24.1	30.1	93	67	Calm	NNE 1	9	7	3
13..	-----	59.35	24	30.6	97	68	Calm	ENE 1	10	7	.3
14..	59.82	59.41	24.5	27	91	88	Calm	NbyW 1	10	10	2.1
15..	59.97	59.39	24	30.5	91	65	Calm	NE 1	10	7	------
16..	59.71	59.96	25.9	29	81	67	NNE 2	NE 2	9	8	.3
17..	60.63	60.02	26	29.2	76	70	NE 3	NbyE 2	10	10	2.5
18..	60.74	59.59	26.1	29.8	79	66	NNE 3	NE 3	10	5	6.6
19..	59.48	58.11	25.5	26.4	89	89	N 1	NE 4	10	10	.3
20..	58.52	57.87	25.9	29.5	88	68	NE 2	ENE 2	10	8	------
21..	58.29	58.21	25.9	29.8	85	70	N 1	NE 1	9	9	------
22..	58.41	57.70	25.7	30	81	67	NE 2	NNE 1	10	10	.6
23..	58.87	57.10	25	30.5	88	62	N 1	NE 2	10	8	------
24..	57.82	56.89	26	29	89	68	NNE 1	NE 2	9	10	3.8
25..	57.72	57.05	25.7	29	86	71	NNE 1	N 2	10	10	.3
26..	57.18	56.84	25.2	28	94	81	NNE 1	NE 4	10	10	20.6
27..	58.12	57.25	26	29.2	84	66	NE 3	NNE 3	8	6	------
28..	58.73	58.81	25	26.4	84	81	N 1	EbyN 2	10	10	.3
29..	58.96	57.84	25.7	31.2	82	68	N 1	NE 2	10	8	.5
30..	57.93	57.08	25.5	29.5	90	71	N 1	NNE 2	9	10	15.5
31..	56.56	55.41	25	29.5	97	79	Calm	NNW 1	10	10	8.1
Mean	58.93	58.19	25.3	29.2	87.9	72.7	1.1	1.7	9.3	8.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	94.2

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1..	57.01	56.64	27	30	92	71	ENE 2	ENE 3	10	9	12.7
2..	58.83	58.79	26.3	30.5	93	72	ENE 2	ENE 2	4	7	4.3
3..	59.82	58.61	25.1	30	95	72	Calm	ENE 2	2	10	.8
4..	60.13	58.60	26.1	30.1	92	71	NNE 1	NE 2	8	6	------
5..	59.32	59.75	25.5	29.7	87	63	NNE 1	NNE 1	5	7	------
6..	59.81	58.09	25	30	88	65	Calm	N 2	4	9	------
7..	58.88	58.69	25.7	30.7	86	64	NE 1	ENE 1	9	2	.5
8..	59.57	58.59	25.6	29.1	84	71	NE 1	NE 2	9	10	------
9..	59.89	59.08	25.5	30.4	88	67	NE 2	NNE 1	2	10	------
10..	59.38	58.02	25.6	29.3	79	69	NE 2	NE 1	8	9	------
11..	58.54	56.88	25.1	31.5	77	57	Calm	NbyW 1	4	8	------
12..	57.12	56.90	24.5	32.2	87	59	Calm	Calm	2	8	.3
13..	58.46	58.29	24.7	29.6	91	70	Calm	Calm	3	7	.5
14..	58.99	58.59	25	26	88	88	Calm	Calm	2	6	7.9
15..	59.76	58.73	24.5	31.1	92	65	Calm	N 1	2	9	------
16..	59.35	58.05	25.7	30.5	92	69	Calm	NNW 1	9	9	------
17..	58.37	57.55	25	32.3	92	56	Calm	NNE 1	3	2	.3
18..	59.17	58.16	26.1	31.8	89	58	Calm	N 1	7	9	3
19..	58.61	57.06	25.5	30.9	98	72	NNE 1	NNE 2	10	9	4.9
20..	58.96	59.16	27.5	30.6	90	75	Calm	ESE 1	9	9	12.9
21..	61.56	60.45	24.6	28.6	95	83	Calm	Calm	10	10	.5
22..	60.08	58.58	26.5	31	89	72	NE 2	NNE 2	7	9	5.9
23..	59.40	58.85	25	30.5	96	72	N 1	E 2	10	9	1.3
24..	60.28	59.73	25.8	31.3	89	64	Calm	NNE 2	5	7	------
25..	59.67	58.59	27	29.8	80	73	N 1	NE 2	10	8	5.3
26..	59.58	59.11	25.7	26.7	92	93	NNE 1	NE 2	9	10	2
27..	59.28	57.64	26.8	29.6	83	71	N 1	NE 2	5	5	2.8
28..	59.07	57.46	25.5	31.5	80	63	Calm	NEbyE 1	1	1	------
29..	58.56	57.69	25	30.5	85	65	Calm	NNE 1	1	6	------
30..	58.17	57.86	25.5	31.4	88	65	Calm	NNE 1	1	7	------
31..	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.19	58.34	25.6	30.2	88.6	69.2	0.6	1.3	5.7	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	65.9

YAP (WESTERN CAROLINES.)

[ϕ = 9° 29′ N; λ = 138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, −1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1..	59.12	58.80	26.6	31.6	80	65	NE 1	Calm	1	9	6.6
2..	59.69	58.94	26.3	31.4	86	63	NE 1	NE 1	2	7	2.5
3..	59.73	58.34	26.1	30.4	89	70	NbyE 1	NNE 1	10	10	------
4..	58.26	56.85	27.2	30.6	86	74	NE 1	NE 2	8	10	15.8
5..	57.37	56.27	25	28.6	96	80	E 3	E 3	10	10	22.3
6..	58.25	57.59	27	29.6	84	76	ENE 2	ENE 1	9	10	.3
7..	58.92	58.35	25.5	31.7	95	68	Calm	NNE 1	5	7	2
8..	58.82	57.37	26.2	30	92	77	NNE 1	NE 2	10	7	6.1
9..	57.93	57.33	26.5	30	82	71	NNE 1	NEbyE 2	4	9	------
10..	56.78	56.04	26.7	30.5	83	72	NE 2	ENE 1	6	9	4.9
11..	56.47	56.10	26.7	30.5	88	75	NNE 4	NE 2	10	10	.3
12..	57.30	57.44	26.9	30.2	85	77	NE 1	NNE 2	9	10	3.6
13..	57.57	56.98	26.5	31.5	84	66	NE 2	NNE 2	9	8	------
14..	57.60	57.74	27.5	28.4	78	82	NE 2	ENE 2	10	10	8.4
15..	58.12	58.38	26.9	26.3	86	94	ENE 2	Calm	10	10	22.4
16..	58.81	58.29	25	30.3	96	74	Calm	Calm	10	8	1.8
17..	59.31	57.75	25	30.3	92	69	Calm	NNE 1	9	8	------
18..	58.67	57.79	25.6	30.4	87	66	Calm	NNE 1	10	10	------
19..	58.08	56.88	26.1	29.6	92	77	Calm	N 2	10	10	.8
20..	57.76	56.66	24.3	31.4	96	68	Calm	Calm	10	5	------
21..	58.11	57.33	25.3	31.6	89	69	Calm	NW 1	4	4	5.3
22..	58.88	57.44	26.1	32.5	88	67	Calm	WNW 1	5	8	.5
23..	56.96	55.13	26.8	27.2	86	87	WNW 2	NW 2	10	10	10.7
24..	54.78	55.44	26.1	30.4	91	76	swbyw 2	SSW 2	10	10	1.5
25..	56.82	56.56	26.6	31.2	88	74	S 1	SSW 1	10	4	.3
26..	58.21	57.53	26.1	32.1	93	64	Calm	Calm	1	2	------
27..	58.31	56.95	26	31.6	92	70	Calm	Calm	9	10	.3
28..	56.91	56.36	26.3	31.4	90	67	Calm	ENE 1	5	9	------
29..	56.51	56.60	27.8	28.8	82	76	EbyN 1	ENE 1	10	10	17.5
30..	58.17	57.70	25.7	30	82	75	NE 2	SE 2	10	10	.3
31..	59.07	58.29	27.6	31	84	72	ENE 1	Calm	10	7	------
Mean	57.98	57.27	26.3	30.4	87.8	72.9	1.1	1.2	7.9	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	134.2

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1..	59.18	58.56	26.3	30.3	87	70	NNE 1	NE 2	10	10	0.8
2..	59.65	59.13	27.2	31.1	81	65	ENE 2	E 2	10	8	------
3..	59.77	58.41	27.5	30.8	84	71	NE 1	E 1	8	8	1
4..	59.12	58.05	26.2	31.2	94	62	Calm	ENE 1	10	8	4.3
5..	59.83	58.89	26.5	31.7	93	68	Calm	ENE 2	2	3	------
6..	60.21	58.88	26.5	30.5	92	74	Calm	ENE 1	2	8	12.2
7..	59.21	57.81	25.3	31.3	95	70	Calm	Calm	4	5	4.6
8..	59.03	57.96	25.6	31.6	91	68	Calm	NE 1	2	5	------
9..	58.68	57.60	26	33	89	50	Calm	NE 1	5	7	.5
10..	59.15	58.76	25.7	31.3	86	65	NNE 1	E 1	8	5	.3
11..	59.03	58.31	25.6	32.4	91	63	Calm	NNE 1	1	9	4.1
12..	58.74	56.81	24.9	29.7	91	73	Calm	ENE 2	6	9	2
13..	58.07	57.04	25.4	31.6	91	66	Calm	ENE 1	8	10	1
14..	57.30	56.81	27	28	84	79	ENE 2	ESE 3	7	10	2.5
15..	58.70	56.26	26.8	30.9	81	66	SSE 2	SSE 1	9	7	------
16..	57.66	56.41	27	32.4	83	58	NE 1	Calm	2	6	6.6
17..	57.89	57.97	25.1	27.1	95	86	Calm	Calm	9	10	4.5
18..	57.93	57.80	26.1	30	89	71	Calm	ENE 1	10	7	------
19..	57.98	57.01	25.6	28.5	91	83	Calm	ENE 1	10	10	20.6
20..	58.44	56.46	25.5	29.3	96	77	NNE 1	ENE 1	10	10	18.3
21..	57.18	56.49	27	27.9	86	85	ENE 1	ENE 1	7	9	5.8
22..	57.71	56.81	27.4	31.9	81	68	ENE 1	EbyN 1	8	9	6.3
23..	57.25	56.70	26.2	29.4	91	82	NbyE 1	NEbyE 1	9	10	14.5
24..	56.30	55.06	25.5	29	96	78	Calm	SSE 1	10	10	13
25..	55.51	55.52	24.2	26.6	97	84	SSW 5	SbyW 5	10	10	31.3
26..	57.15	56.78	23.9	27.5	97	85	SW 3	S 1	10	10	15
27..	58.07	57.55	27.1	29.9	83	75	SbyE 1	S 2	10	10	2.8
28..	57.80	57.27	27	28.6	84	80	swbyw 1	WSW 1	10	10	2.3
29..	58.62	57.25	24.5	30.9	96	74	Calm	W 1	10	10	20.3
30..	56.76	55.60	25.5	31	88	73	NW 1	W 1	10	9	.5
31..	------	------	------	------	------	------	------	------	------	------	------
Mean	58.26	57.33	26	30.2	89.4	72.3	0.8	1.3	7.6	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	195.1

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1..	54.46	53.11	26.5	27.4	88	81	WNW 2	W 2	10	10	5.4
2..	53.71	53.59	27	28.2	84	83	SW 3	SW 3	10	10	10.4
3..	55.33	54.92	25.2	26.1	98	91	SW 2	SW 3	10	10	16.5
4..	55.43	55.34	24.4	28.1	97	85	SW 2	SW 2	10	10	10.9
5..	57.03	55.77	25	30.3	99	77	Calm	SSW 2	10	10	------
6..	57.58	57.08	26.8	29.6	86	77	WNW 1	WbyN 2	10	10	.5
7..	56.63	55.62	26.7	29	86	78	WSW 2	WSW 2	10	10	1
8..	54.19	53.23	27.1	27	81	86	WSW 3	swbys 4	10	10	.8
9..	54.56	55.29	26.6	28.5	87	79	WSW 3	SbyW 4	10	10	.5
10..	58.02	58.74	26.8	30.3	86	80	SSW 1	S 2	10	8	.8
11..	60.18	59.41	25	29.5	92	81	Calm	SbyW 1	10	10	7.1
12..	59.12	57.88	25.2	30.5	92	73	Calm	NWbyW 1	10	9	5.1
13..	58.15	57.11	24	29.2	94	76	NW 1	WNW 1	10	9	15.5
14..	57.32	56.53	24	26.6	97	87	WbyN 2	WSW 2	10	10	1.5
15..	56.73	56.34	26	29.2	92	76	SW 3	swbyw 2	10	9	4.6
16..	57.88	56.69	25.6	29.5	92	76	SW 1	SW 2	8	7	3.3
17..	57.43	56.54	25.5	27.1	93	86	WSW 1	WSW 1	10	10	64.8
18..	56.59	55.17	24.2	25	95	92	WSW 2	SW 3	10	10	17.7
19..	54.43	54.40	25.5	24.8	90	98	WbyS 2	WSW 1	9	10	8.4
20..	54.32	54.55	24.2	28	94	79	SW 1	swbys 3	10	10	6.8
21..	55.36	54.96	25.9	28.9	88	80	SW 2	SW 3	10	10	13.7
22..	54.54	54.07	24.1	27	95	84	WSW 2	SW 3	10	10	54.6
23..	56.14	55.88	25.1	26.7	91	86	SW 1	S 4	10	10	13.3
24..	57.99	58.08	25.7	30	90	75	SSW 1	SbyE 2	10	9	------
25..	59.08	58.29	25	30.1	96	71	Calm	Calm	10	9	------
26..	58.53	57.38	25	31.5	94	70	Calm	Calm	10	8	4.3
27..	58.37	57.99	23.5	30.6	93	62	Calm	WNW 1	8	5	------
28..	58.66	58.14	25	27.4	92	87	Calm	NE 2	7	10	1.3
29..	58.32	58	25	29.2	95	76	Calm	Calm	7	7	7.6
30..	58.69	57.91	24.3	28.4	97	78	Calm	E 2	10	10	.3
31..	57.98	56.81	24.6	31.2	95	65	Calm	NNW 1	7	7	.5
Mean	56.86	56.28	25.3	28.5	91.9	79.8	1.2	2	9.5	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	277.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1..	56.86	56.11	24.6	31	92	67	Calm	Calm	7	6	------
2..	56.60	55.98	24.2	27.7	94	79	Calm	Calm	9	7	4.9
3..	56.53	56.38	23.7	27.5	95	81	Calm	WSW 1	5	10	11.4
4..	57.71	58.59	25	23	96	98	WSW 2	WSW 2	10	10	45.5
5..	58.08	57.47	23.3	25.4	97	94	SW 2	swbyw 2	10	10	18.6
6..	58.24	57.26	23.9	28.6	93	74	WSW 2	swbyw 3	10	10	11.9
7..	58.67	57.17	23.4	27.5	94	81	WSW 2	SW 2	10	10	2.8
8..	57.79	57.64	26.1	29.7	82	73	SW 2	SW 2	8	8	------
9..	57.06	57.87	26.1	29	84	71	WSW 2	WSW 2	10	10	5.3
10..	58.04	56.77	26.1	28	85	77	SW 2	SSW 3	10	10	104.1
11..	57.04	56.64	23.7	26	99	85	Calm	SW 2	10	10	5.6
12..	56.72	------	25.5	------	88	------	swbyw 1	------	10	------	27.7
13..	57.95	56.83	24.8	27.3	93	86	NW 2	WNW 2	10	10	2.6
14..	56.63	55.47	25.6	27.6	88	81	WNW 2	WNW 2	10	10	5.4
15..	55.19	53.91	24.6	29.8	95	73	Calm	W 1	5	9	1.5
16..	54.69	53.70	24.9	29.6	97	77	Calm	SW 2	10	9	5.4
17..	56.15	56.51	26.1	27.1	89	87	SW 2	SW 2	10	10	3
18..	57.67	57.61	25.9	29.7	88	77	SW 2	SSW 2	8	5	2.8
19..	57.89	57.34	25.4	29.6	88	75	SW 1	WSW 2	5	8	------
20..	57.66	57.27	25	29.6	88	74	SW 2	WSW 1	7	5	------
21..	58.04	57.41	25.5	29.6	87	72	WSW 1	SW 2	6	9	------
22..	58.99	58.60	24.5	30.1	92	68	Calm	W 1	10	10	------
23..	59.52	58.78	24.5	29.8	92	73	Calm	W 1	10	9	------
24..	58.81	57.32	25.7	26.1	93	79	Calm	NW 2	10	10	6.9
25..	57.67	57.21	25	29.5	84	74	Calm	WbyS 2	10	10	.3
26..	57.36	56.91	26.6	28.7	80	73	SW 3	SW 2	10	10	------
27..	58.30	56.91	26.2	30.1	88	74	WSW 1	SW 1	10	8	1.3
28..	59.64	58.55	25.5	29	88	75	wbys 1	SW 2	5	10	------
29..	60.19	57.89	26	29.5	92	72	WSW 1	WbyS 2	9	9	2.8
30..	58.39	56.14	26.3	30	83	71	SW 1	SW 2	10	7	------
31..	57.46	56	26.5	30	82	72	SW 2	SW 3	7	9	------
Mean	57.66	56.94	25.2	28.5	89.9	77.1	1.2	1.8	8.7	8.6	------
Total	------	------	------	------	------	------	------	------	------	------	269.8

YAP (WESTERN CAROLINES.)

[φ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

Day.	SEPTEMBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.43	56.35	26.5	30.5	80	66	SW 2	WSW 2	10	8	------
2	57.07	56.41	26.2	29	79	71	swbyw1	SW 2	10	10	1.8
3	57.33	56.17	25.7	29	82	69	swbyw2	SW 2	10	9	------
4	58.02	56.40	26	29.3	80	69	SW 1	SW 2	10	9	------
5	57.37	56.27	26	29.6	84	69	SW 2	SW 3	10	8	------
6	56.06	55.45	26.5	28.6	81	73	WSW 2	SW 3	10	10	1
7	56.63	56.06	25.1	29.1	92	77	SW 2	SSW 3	10	10	------
8	57.33	56.43	26.3	30.6	90	68	SW 2	S 2	10	7	------
9	58.08	57.25	25.5	30.6	88	68	SW 1	swbyw2	10	8	------
10	57.78	57.03	25	30	90	65	SW 1	swbyw2	10	7	------
11	58.06	57.13	26.5	29.3	80	70	SW 2	SW 2	9	10	------
12	58.27	56.79	26.9	29.6	81	74	WSW 2	SW 2	10	10	------
13	58.71	57.81	25.6	26	91	94	Calm	SW 2	10	8	2.5
14	59.16	58.25	24.5	31.4	96	65	Calm	WbyS 1	2	7	.3
15	59.26	57.51	25.6	30.6	91	68	Calm	NW 1	6	8	16.5
16	58.02	56.52	24.2	30	97	75	NNW 2	Calm	10	9	6.1
17	56.49	55.90	25.5	25	94	96	NW 1	Calm	10	10	82.8
18	57.43	57.14	23.7	30.5	98	65	Calm	W 1	10	6	3.1
19	57.58	57.01	24.6	29.8	95	74	Calm	W 2	8	7	.5
20	57.14	56.39	26	30.5	89	72	Calm	W 1	8	8	.3
21	56.41	56.08	25	27.8	96	82	Calm	Calm	1	10	27.9
22	56.68	56.31	25.5	26.5	92	88	Calm	SW 2	10	10	13
23	56.60	55.76	24	27.5	93	81	W 1	W 2	10	10	.5
24	56.05	55.61	26	27	86	84	W 2	W 2	10	10	2.6
25	56.84	56.06	25.9	29.5	85	78	SW 1	SW 2	10	9	2.5
26	58.12	57.46	24.7	28	95	82	WSW 2	WSW 2	9	8	3.8
27	58.82	57.86	26	29	90	74	W 1	W 1	8	8	20.8
28	59.64	58.04	25.2	30	90	75	Calm	Calm	10	10	19.3
29	58.61	57.80	24.5	30.4	96	72	Calm	ENE 1	6	7	.3
30	58.72	57.56	23.3	30.9	95	66	Calm	NE 1	2	2	------
Mean	57.66	56.76	25.4	29.2	89.2	74.3	1	1.6	8.6	8.4	------
Total	-----	-----	-----	-----	-----	-----	---------	---------	-----	-----	205.6

NOTE.—There was no communication possible with this station since October 1, 1914.

IWAHIG.

[ϕ=9° 44′ N ; λ=118° 38′ E ; barometer above sea, 4.26 meters ; gravity correction not applied, —1.86 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.88	60.89	22	29.9	98	67	ESE 1	ENE 2	10	6	------
2	61.47	61.10	23.1	29	94	71	NE 1	E 2	10	10	------
3	61.88	60.92	22.9	30.5	96	58	ENE 1	NNE 3	9	4	------
4	61.54	61.81	20.9	30.3	96	62	SSE 1	E 2	3	7	0.3
5	62.84	61.94	22.9	29.4	95	71	ESE 1	ESE 2	10	9	10.7
6	62.78	61.06	20.4	30.5	96	58	SSE 2	ESE 1	4	5	------
7	63.34	61.88	19.5	31	94	59	SSW 1	SE 2	3	2	.3
8	63.81	62.54	21.9	29	94	66	ENE 2	E 2	10	10	1.1
9	64.14	63.06	20.8	27.7	96	70	Calm	NE 3	7	10	------
10	64.01	63.19	24.4	28.6	78	64	NE 3	ESE 2	10	9	------
11	63.60	61.53	19.1	28.5	94	56	S 2	ENE 2	1	8	------
12	62.37	61.16	17.6	28.3	93	64	S 1	ENE 2	3	10	------
13	61.48	60.51	21.4	28.7	93	73	SSW 1	N 1	0	10	23.6
14	61.67	60.49	23	30.1	97	68	Calm	ESE 2	10	7	------
15	61.76	60.53	20.7	29.8	94	62	S 1	ESE 2	3	5	------
16	62.21	61.11	21.4	28.6	95	68	S 1	SE 3	6	8	------
17	62.16	60.83	20.9	29.6	95	64	S 1	SSE 2	0	6	------
18	62.23	60.38	21.8	30.1	94	60	SE 1	SE 2	10	2	------
19	60.98	59.74	20.5	30.3	94	59	S 2	SSE 2	0	8	------
20	60.58	58.84	20.7	29.1	94	66	SSW 1	E 2	2	8	------
21	59.73	58.89	21.4	29.4	94	70	SE 1	ENE 3	10	10	------
22	59.84	59.29	22.4	30.1	95	63	ENE 2	SSE 2	10	3	------
23	60.34	59.46	20.7	29.9	94	58	SSW 2	ESE 2	4	3	------
24	60.52	-----	23.4	-----	93	-----	Calm	--------	10	0	.1
25	59.77	58.86	20.5	29.9	94	60	S 2	SE 3	0	3	------
26	60.17	59.72	20	30	94	64	SSW 2	SE 2	5	4	------
27	61.31	60.09	22.4	30.8	95	62	SE 1	ESE 2	10	8	------
28	60.86	59.69	22.9	28.9	92	67	SSW 2	SE 2	10	10	------
29	60.28	59.33	19.5	29.9	94	61	SSW 1	ESE 2	6	6	------
30	60.18	59.48	20.5	29.5	92	61	S 1	SE 2	8	10	------
31	60.31	59.53	20.7	29	92	63	SSW 1	ESE 2	10	10	------
Mean	61.61	60.59	21.3	29.5	93.8	63.8	1.3	2.1	6.3	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	36.1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.02	59.13	21.2	30.6	95	62	SE 1	ESE 2	3	2	------
2	59.78	58.84	19.4	30.4	93	49	SSW 1	E 2	6	8	------
3	60.20	59.19	19.9	31	94	52	SSE 1	E 2	6	8	------
4	60.07	59.05	20	29.7	94	53	S 1	E 2	3	10	------
5	59.78	59.22	21.6	30.9	94	56	SSW 1	E 2	1	8	------
6	60.55	59.87	19.4	30.7	91	51	SSE 1	ESE 1	4	5	------
7	60.38	59.38	19	30.4	94	50	S 2	ESE 2	10	8	------
8	60.65	60.41	19	29	93	60	S 2	E 2	9	9	------
9	61.04	60.57	18.5	31.1	94	49	SSE 2	SSE 3	7	3	------
10	61.27	60.34	18	30.3	93	56	S 2	E 2	10	4	------
11	61.57	60.94	19.4	30	91	59	S 2	E 3	8	10	------
12	61.37	61.05	20.7	28.8	92	67	ESE 1	ENE 3	8	10	------
13	62.21	61.53	21.1	30.3	90	61	SE 1	E 2	10	9	------
14	62.37	61.15	19.8	30.5	93	52	SE 2	E 3	8	7	------
15	61.76	61.10	20.4	30.2	94	56	E 1	E 3	10	5	------
16	61.53	60.74	20.6	29.8	91	60	ESE 2	SSE 3	9	8	------
17	61.97	60.88	19.5	28.7	90	60	SSW 1	SE 3	6	8	------
18	61.51	61.08	17.4	30.4	89	53	S 2	SE 2	10	4	------
19	62.10	60.64	19	29.7	92	51	SSE 2	ESE 2	10	2	------
20	61.72	60.64	18.5	30.8	97	48	SE 1	ESE 2	1	2	------
21	61.04	60.36	18.4	30.1	92	54	SSW 2	ESE 3	0	7	------
22	60.93	59.21	17.8	29.7	93	56	S 1	SSE 3	1	3	------
23	61.60	60.69	17.2	31	93	50	S 1	ESE 3	0	3	------
24	61.23	60.59	18	31.6	92	41	S 2	ESE 2	8	10	------
25	61.56	60.45	16.5	31.1	90	39	SSW 1	ESE 2	6	0	------
26	61.42	60.58	18.1	29.7	90	57	SSW 2	ESE 2	9	10	------
27	61.94	61.37	18.7	30	91	58	SSW 1	SE 3	10	6	------
28	62.22	61.33	18.5	30.5	95	54	S 2	SSE 2	10	2	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.21	60.37	19.1	30.2	92.5	54.1	1.5	2.4	6.5	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.22	61.38	20.8	31.6	92	57	SSW 1	E 2	8	4	------
2	62.26	61.05	21.5	31.5	87	61	S 1	SE 3	10	4	------
3	61.18	60.17	21	31	93	58	Calm	SSE 3	2	4	------
4	59.84	58.72	23.1	32.1	87	58	SSW 1	ENE 3	10	6	------
5	58.56	57.47	22.4	31.4	91	60	S 1	E 2	4	3	------
6	58.24	57.43	24.2	31.5	90	65	Calm	NE 3	10	10	------
7	58.35	57.19	22.5	31.5	94	65	ESE 1	E 3	8	8	------
8	58.34	57.51	23	31.8	93	55	SE 1	ESE 2	9	3	------
9	58.19	57.81	24	31	92	59	ESE 1	SE 3	10	6	------
10	59.10	58.45	20.9	31.7	93	59	SSW 1	ESE 2	10	4	------
11	58.66	58.23	21.1	32.5	94	54	S 1	SE 2	0	3	------
12	59.42	59.39	23.3	31.5	90	56	ESE 1	ESE 2	10	8	------
13	60.11	59.35	20.5	32.7	90	47	SE 1	E 2	10	2	------
14	60.23	60.01	21.2	34	91	42	SSW 1	E 3	8	10	------
15	61.37	59.56	20.5	32.5	91	55	SSW 1	SSE 2	1	9	------
16	60.49	59.77	20.3	31.8	91	55	S 1	SE 2	7	3	------
17	61.21	60.99	20.3	31.8	91	58	SW 1	ESE 2	1	3	------
18	62.57	61.68	24	32.5	89	52	S 1	SE 3	10	5	------
19	62.77	60.70	20.8	31.7	90	59	SSW 2	SSE 2	10	10	------
20	61.16	58.97	20.7	32.9	91	44	SSW 2	E 2	10	10	------
21	59.59	58.57	21.7	30.6	91	56	S 1	SE 3	10	10	------
22	59.09	58.50	21.6	31.3	94	61	SSE 2	E 2	10	10	------
23	59.13	58.38	22.5	31.7	93	59	S 1	E 3	9	4	------
24	59.18	58.97	22.7	32.1	93	56	SSE 1	ESE 2	6	7	------
25	59.39	58.78	21.5	33	91	49	S 1	E 2	0	5	------
26	58.85	58.98	20.4	31.8	90	50	SSW 1	SE 2	1	4	------
27	59.46	58.55	19.2	31.1	89	60	SSW 1	SE 3	5	3	------
28	59.56	58.90	24.4	32	81	59	Calm	SE 2	10	7	------
29	60.13	59.37	24.5	32	90	53	Calm	ENE 2	9	8	------
30	59.59	58.93	20.1	33	90	52	S 1	E 2	10	6	------
31	58.75	57.49	19.2	31.5	91	50	SSE 2	E 3	6	6	------
Mean	59.90	59.07	21.7	31.9	90.7	55.6	1	2.4	7.2	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.33	57.58	22.7	31.5	89	54	S 2	SE 2	10	10	------
2	58.99	58.79	25.5	27.5	90	79	Calm	NNE 2	9	10	1.9
3	59.51	58.78	22.4	32.8	89	55	SSW 1	ESE 2	1	7	------
4	59.40	58.34	23.9	33.4	91	53	SSW 2	SSE 2	10	6	------
5	59.62	58.58	24	32.6	92	62	S 1	E 3	9	9	------
6	59.32	57.99	24.7	32.8	92	61	SSE 1	ESE 2	9	5	1.3
7	59.81	58.34	23.9	33.6	93	49	S 1	ESE 2	7	4	------
8	59.98	58.97	22.2	34	92	50	S 1	ESE 2	10	8	------
9	60.14	60.03	22.4	33.3	88	53	S 2	ENE 3	6	3	------
10	60.02	59.88	23.1	32.9	90	55	S 1	SE 2	2	8	------
11	60.02	58.34	22.9	33.1	91	54	S 2	E 2	2	5	------
12	59.56	58.42	23.3	29.9	92	61	SE 2	WSW 2	4	9	------
13	59.39	59.29	22.9	30.4	92	63	SSE 2	SW 3	10	8	15.7
14	59.78	59.26	21.5	33.2	95	57	S 2	E 2	8	6	------
15	60.81	60.71	22.6	30.3	94	65	SSW 1	W 2	1	10	------
16	60.73	58.91	22	32.1	94	57	WSW 1	E 3	4	3	------
17	59.25	58.22	22.7	32.8	93	48	S 1	ENE 3	10	2	------
18	59.23	58.44	22	32.6	91	56	SSW 1	E 3	8	4	------
19	59.37	58.19	21.8	33.6	89	45	SSW 2	ESE 2	7	2	------
20	60.19	59.78	22.8	33.3	89	58	SSW 1	SSE 2	5	6	------
21	61.16	59.82	24.1	33.6	91	52	S 1	NE 3	10	6	------
22	59.83	58.77	23.6	32	89	63	S 1	SE 3	8	10	------
23	59.81	58.74	25.4	31.2	91	66	E 1	E 2	10	10	------
24	58.95	58.38	23.1	33.8	94	53	S 1	S 1	9	7	------
25	59.16	58.58	23.4	31.6	89	61	S 2	ENE 1	10	10	1.5
26	59.58	59.54	24.7	33.2	94	56	SE 1	SE 3	9	4	------
27	59.81	59	23.6	34.7	91	44	S 1	ENE 2	6	2	------
28	59.18	57.46	23.3	33.3	90	51	S 2	ESE 2	10	10	------
29	57.80	57.39	24.4	32.1	91	61	S 1	ENE 2	10	9	------
30	58.45	57.70	23.5	33	91	56	S 1	SE 2	10	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.57	58.74	23.3	32.5	91.2	56.6	1.3	2.2	7.5	6.0	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	20.4

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.36	58.24	22.4	32.3	88	56	S 1	NE 3	10	5	1.3
2	60	59.15	25.4	31	91	68	NE 2	E 2	10	10	7.1
3	59.92	58.31	23.5	32.6	95	59	S 1	E 2	10	4	------
4	58.68	57.18	22.6	33.3	88	55	S 1	ENE 2	10	9	------
5	57.68	55.85	23.5	33	95	54	S 2	ENE 2	9	9	------
6	58.10	56.36	22.8	34.3	89	42	SSW 2	SE 2	10	8	------
7	58.38	58.47	23.6	31.3	90	66	SSW 2	ENE 3	10	10	------
8	58.49	57.88	24.5	32.5	90	58	SSW 1	ENE 2	10	10	18
9	57.69	55.88	25.5	33.1	94	56	Calm	ENE 3	9	2	------
10	56.54	54.89	23.4	33.8	92	49	S 1	ENE 3	0	3	------
11	56.38	56.27	23.4	31.9	92	61	Calm	ENE 2	1	9	------
12	57.78	57.54	24.2	34.8	93	49	WSW 1	SSE 2	10	10	------
13	58.69	58.12	23.9	33.9	84	54	SSW 1	ENE 2	10	10	------
14	58.53	58.03	24	33.4	91	52	Calm	SE 2	10	10	1.7
15	59.28	58.18	23.8	34	94	51	SSW 1	ENE 2	10	3	------
16	59.13	58.52	23.9	28.1	91	85	SSW 1	SW 2	8	10	22.6
17	59.31	58.69	23.9	28.3	93	87	SSW 1	Calm	6	10	13.1
18	59.33	58.41	23.7	27.5	97	87	SW 1	E 1	9	10	5.6
19	59.83	58.42	23.2	27	94	90	S 1	WSW 1	9	10	17
20	59.33	58.55	22.8	25.7	93	92	SSW 2	SSW 1	5	10	30.2
21	59.57	58.97	22.5	27.4	95	73	Calm	SW 1	8	10	1.1
22	60.46	59.70	22.5	31.8	95	60	SSW 1	E 1	9	9	------
23	60.21	59.90	24.1	26.6	94	86	S 1	W 1	4	10	20.6
24	59.34	58.98	22.6	30.1	93	77	WSW 1	SSW 2	10	10	17
25	58.25	58.05	22.5	31	95	69	SSW 2	S 2	10	9	.3
26	59.20	57.39	22.7	32.7	95	54	E 1	WNW 2	10	10	------
27	57.91	56.80	22.7	30	94	67	Calm	WNW 1	5	10	------
28	56.60	56.21	23.6	28.8	95	76	Calm	W 1	10	10	3.2
29	55.86	55.79	25	27.1	89	78	Calm	SSW 2	10	10	7.1
30	55.80	55.86	24.3	26.7	91	90	NNW 1	ENE 2	10	10	16.7
31	56.20	54.71	23.7	29.6	96	77	Calm	ENE 2	10	10	7.1
Mean	58.45	57.59	23.6	30.8	92.5	67	0.9	1.8	8.5	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	189.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.40	56.62	23.6	25.8	96	92	Calm	Calm	10	10	17.3
2	57.45	57.49	23.5	27.9	96	77	Calm	WSW 2	10	10	------
3	57.69	57.24	25	30.1	83	71	SSW 1	SSW 1	10	10	.3
4	57.78	58.31	23	23.7	93	95	SW 2	WNW 3	10	10	24.6
5	58.84	58.44	21.9	31	96	64	WSW 1	S 1	10	10	------
6	59.78	59.15	23.4	29.6	95	78	SSW 1	SSE 1	8	10	.1
7	59.51	57.96	22.5	31.9	93	65	S 1	ESE 2	3	4	------
8	58.69	57.69	23.2	32	93	57	S 1	ESE 2	10	4	------
9	58.68	57.78	23.1	32.4	94	59	SSE 1	ESE 2	7	6	------
10	59.05	58.33	23.1	31.1	94	67	SSW 1	SSE 2	10	10	------
11	59.41	58.24	23.2	32.2	93	58	SSW 1	E 3	10	4	------
12	59.15	57.83	22.2	32.4	93	62	SW 1	ENE 3	10	6	------
13	58.48	57.36	22.9	32.7	94	55	W 1	ENE 3	10	10	------
14	58.96	57.47	22	31.5	94	57	S 1	E 2	9	7	------
15	58.78	57.17	23.1	32.4	94	62	SSE 1	E 2	8	9	------
16	58.49	56.84	22.6	33.3	92	58	SW 1	SW 3	10	10	2.6
17	57.45	56.89	23.4	30.8	94	58	WSW 1	WNW 2	10	10	------
18	57	56.18	22.8	29.3	94	64	W 1	WNW 3	10	10	------
19	56.13	55.96	25.7	30.3	81	62	WSW 2	W 2	10	10	------
20	57.14	56.96	23.3	27.4	92	81	WSW 1	Calm	10	10	6.3
21	58.78	57.90	22.2	30.1	95	71	S 1	ENE 1	10	10	------
22	58.94	57.88	23.7	30.1	93	69	Calm	S 2	10	10	.2
23	58.73	58.12	23.5	30.6	95	62	S 1	SE 2	10	10	9.5
24	58.03	57.03	23.3	27.5	94	85	Calm	WNW 1	10	10	2.2
25	57.46	57.01	23	28.2	91	82	WSW 1	S 1	10	10	4.6
26	57.91	57.60	23.5	29.3	95	67	Calm	SW 3	10	10	.2
27	57.49	56.79	23.5	29.9	93	64	WNW 1	WNW 2	10	10	.1
28	56.09	56.28	26.1?	27.6	80?	71	S 1	WNW 2	10	10	4.4
29	56.37	55.84	24.5	29.7	92	69	Calm	SSW 1	10	10	1.5
30	57.09	56.04	23.6	31.2	94	60	Calm	WNW 2	10	10	9.4
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.02	57.35	23.3	30.1	92.5	68.1	0.8	1.9	9.5	9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	83.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.33	55.59	22.4	30	96	77	Calm	SSE 2	10	10	0.2
2	57.45	56.98	23	29.7	96	67	SW 1	NNW 1	10	10	.7
3	58.02	56.26	23.5	29.9	95	71	SSW 1	W 2	10	10	4.5
4	56.93	55.75	23.1	28.6	95	74	W 1	W 5	10	10	2.5
5	55.99	55.98	23	30.5	96	65	SSW 1	WSW 2	10	10	1.4
6	56.10	54.97	23.6	31.7	96	62	Calm	NNE 1	10	7	3.6
7	56	-----	24.5	-----	96	-----	Calm	--------	10	-----	------
8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
9	57.35	55.59	23.5	31.5	92	60	SSW 1	S 1	10	10	------
10	57.99	57.17	22.5	32.7	95	54	SW 1	S 1	6	10	------
11	58.55	57.46	23	35	95	44	N 1	NNW 2	10	8	------
12	58.36	57.63	24.5	34	90	45	Calm	WNW 3	10	9	------
13	58.26	57.87	21.8	35.5	93	39	W 1	W 3	10	5	------
14	58.81	57.97	21.6	35.3	93	41	W 1	NW 2	10	5	------
15	59.34	57.97	21.6	35.7	94	36	W 1	WNW 1	10	7	------
16	58.01	56.97	22.6	30.7	90	60	Calm	W 2	10	10	7.1
17	56.53	57.22	24.2	24.6	95	87	Calm	WSW 2	10	10	9.7
18	56.35	56.35	23.5	28.1	91	81	Calm	SSE 1	10	10	2.1
19	56.78	56.39	24.7	30.7	84	54	S 1	W 2	10	10	2.9
20	56.85	56.79	23.3	30.7	89	60	SW 1	WNW 3	10	10	------
21	57.13	57.21	23.5	27.4	88	82	Calm	NNW 1	10	10	8.9
22	57.20	56.41	21.6	26.9	95	66	Calm	WSW 3	1	10	------
23	56.03	54.28	22.3	33.4	94	48	Calm	SW 2	9	8	------
24	55.99	56	24.4	27.8	88	76	Calm	SSW 1	10	10	4.8
25	56.33	55.93	22	30.4	95	63	Calm	S 2	10	10	13.5
26	56.93	56.50	22	29.7	96	76	Calm	SSW 1	8	10	4.7
27	57.94	56.86	21.6	30	95	77	WNW 1	SSW 2	10	10	------
28	58.64	57.91	22.7	31.3	96	66	SSE 1	S 2	10	9	------
29	59.08	58.78	22.4	32.3	96	61	S 1	S 2	5	3	------
30	59.25	57.37	21.4	32.1	95	60	SSW 1	SSE 2	6	6	------
31	59.08	57.83	23.8	30.7	92	63	S 1	S 2	10	10	3
Mean	57.45	56.76	22.9	30.9	93.4	62.6	0.6	1.9	9.2	8.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[a]69.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.04	57.86	21.5	29.5	95	66	W 1	ESE 2	1	9	-----
2	59.25	58.55	21.6	30	95	71	SW 1	SSW 1	0	8	------
3	58.41	57.61	21.7	33.3	95	48	Calm	WNW 3	5	6	------
4	57.76	57.64	21.6	28.6	95	72	SW 1	SSW 2	4	9	21.1
5	57.78	58.44	22.2	25	94	94	W 1	SSW 1	7	10	6.1
6	58.22	58.51	22	24.9	95	88	Calm	WNW 1	10	10	7.4
7	58.23	58.22	(b)	(b)	(b)	(b)	Calm	SSE 1	10	10	.4
8	57.96	57.45	23.3	30.6	92	54	Calm	WSW 2	10	10	2.6
9	57.68	57.66	23.5	27.7	95	82	WSW 1	Calm	10	10	------
10	57.09	57.16	23.6	24.1	94	93	Calm	Calm	10	10	18.6
11	56.14	55.02	23.1	28.6	95	78	SW 1	SW 1	10	10	4.8
12	55.73	54.99	24.7	31.4	86	60	WNW 2	WSW 2	10	10	2.8
13	55.81	55.04	23.1	29.3	97	68	Calm	SSW 3	10	10	------
14	56.79	56.05	23.4	24.6	96	92	Calm	WNW 2	10	10	11.2
15	57.85	57.29	23.6	29.5	97	71	NW 1	NW 2	10	10	------
16	57.24	56.75	21.5	30.4	95	79	SW 1	E 1	4	8	4
17	58.04	56.93	22.6	32.6	94	65	Calm	E 1	8	6	------
18	58.24	57.04	22.5	30.3	94	71	E 1	ENE 1	4	8	------
19	57.83	57.46	22.7	27.2	95	76	W 1	SSW 2	4	10	18.1
20	57.84	57.26	22	26.6	96	86	SW 1	W 1	10	10	14
21	57.25	55.99	21	31.2	97	50	W 1	W 3	10	10	------
22	57.61	56.64	21.1	30.9	95	70	Calm	SSW 2	10	10	------
23	58.18	58.34	23	29.2	97	72	WNW 1	S 2	10	10	------
24	59.37	57.93	22	31.1	96	56	SSW 1	S 2	8	4	------
25	59	57.19	21.2	31.5	95	66	Calm	NNE 1	8	10	------
26	57.61	56.29	22.1	31.8	96	52	SW 1	WNW 3	10	10	------
27	56.84	56.02	20.8	32.2	94	49	W 1	WSW 2	10	9	------
28	58.42	57.11	20.7	32.6	94	46	Calm	WNW 3	10	8	------
29	59.17	57.63	20.3	33	93	61	W 1	S 1	10	7	------
30	59.11	58.09	20.8	33.4	94	45	W 1	W 3	3	8	------
31	57.89	56.20	20.3	33.1	93	48	Calm	W 3	9	3	------
Mean	57.85	57.11	22.1	29.8	94.6	67.6	0.6	1.7	7.9	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	111.1

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[a] 30 days of observation.

[b] The thermometer shelter was in repair.

IWAHIG.

[φ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	-----	56.14	-----	32.2	-----	59	--------	S 1	0	10	0.5
2	56.76	55.56	22.8	32.1	93	54	Calm	W 2	10	10	.4
3	56.15	54.82	22.1	34.5	95	49	WNW 1	WSW 2	4	10	------
4	56.20	54.91	21.5	34.3	95	45	WSW 1	WNW 2	10	10	------
5	55.81	55.01	21.7	32.9	95	61	W 1	SSW 2	10	9	------
6	55.59	54.61	22.9	35	90	44	WSW 1	W 3	10	6	------
7	55.90	54.83	23.1	33.3	95	47	Calm	W 3	10	9	------
8	56.07	55.32	27.5?	33.2	66?	46	W 2	W 3	10	9	------
9	56.07	55.58	24.8	32.5	86	51	WSW 1	WSW 2	10	10	.9
10	57.05	56.95	22.7	32.1	95	57	SW 1	W 2	10	10	.9
11	57.95	57.53	21.4	29.5	95	68	SW 1	W 2	4	10	.3
12	58.57	57.79	23.9	30.5	84	47	NW 1	NNW 1	10	10	4.1
13	58.08	57.15	22.9	29.5	96	77	WSW 1	ENE 1	10	10	------
14	58.29	57.79	22.2	31.6	93	60	W 1	S 1	8	9	3.3
15	59.15	58.55	21.2	31.6	97	63	SW 1	E 2	4	8	------
16	58.74	57.64	21	32	95	61	Calm	E 1	0	7	------
17	58.09	57.46	21.6	27.9	95	84	W 1	SW 1	2	9	10
18	58.33	57.55	22.3	32.4	96	57	SW 1	SSE 1	2	6	------
19	59.31	58.28	21.7	31.1	96	64	NNW 1	E 1	7	9	------
20	60.04	59.39	22	28.4	95	68	N 1	SSW 2	0	7	------
21	59.21	58.31	20.6	33.4	96	43	E 1	N 2	1	4	------
22	58.19	58.11	22	29	96	74	Calm	SW 1	9	10	23.1
23	57.69	56.94	23.4	31.3	91	61	SW 2	WNW 2	10	10	1.2
24	57.56	56.94	22.8	31.6	95	56	Calm	WNW 2	9	9	22.1
25	57.20	56.91	23	27.4	95	84	Calm	Calm	10	9	6.2
26	57.44	57.06	23.2	26.6	97	82	Calm	W 1	8	10	11
27	57.02	56.39	25.3	31.5	77	56	SW 1	N 2	10	10	.3
28	58.29	57.09	21.9	30.4	96	71	W 1	E 2	10	10	4.8
29	58.44	56.88	22.1	31.1	96	63	S 1	S 2	10	7	------
30	58.78	57.28	23	31.1	96	67	SSW 1	S 2	10	6	2.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.65	56.83	22.6	31.3	92.7	60.6	0.8	1.7	7.5	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	91.9

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59	57.68	22.2	31.9	96	65	SW 1	E 2	0	2	------
2	59.06	58.10	21.1	33.1	95	44	NW 1	ENE 1	0	0	------
3	59.53	58.28	21.5	33.1	95	51	WNW 1	SE 1	0	2	------
4	59.38	58.19	21.7	33	96	56	NW 1	ENE 2	4	8	------
5	59.62	58.79	21.9	29.5	94	72	Calm	ENE 2	1	10	------
6	59.61	58.68	21.8	31.8	96	57	WSW 1	E 2	1	8	7.6
7	59.07	59.06	21.8	24.4	96	84	W 1	W 2	3	10	4.9
8	59.96	59.24	21.7	30.5	96	73	Calm	E 1	0	10	.2
9	60.29	60.22	23.3	22.5	93	88	E 2	NW 2	10	10	33.8
10	60.02	58.94	21	31.8	95	62	Calm	ENE 2	4	9	2.5
11	59.25	58.19	22.7	32.6	89	56	WNW 2	E 2	7	6	53.8
12	59.30	57.85	21.8	31.2	96	65	SW 1	ENE 2	4	10	3.6
13	59.63	58.41	22.3	31	96	67	WSW 1	E 2	3	8	3.8
14	60.33	58.95	22.9	30.2	96	71	WSW 1	E 2	4	6	.3
15	59.98	58.36	22.7	31.4	96	65	NNW 1	ENE 2	3	5	------
16	59.56	58.63	22.5	31.7	96	64	E 1	E 2	9	10	.6
17	60.23	59.77	22.5	31.7	96	62	E 1	E 2	2	4	.1
18	59.92	59.59	21.9	32	96	58	Calm	ENE 2	2	6	2.3
19	59.88	59.29	23.5	30.7	96	66	Calm	SE 2	1	7	1.3
20	60.17	59.13	23.1	31.1	95	66	SW 1	ESE 2	10	4	1
21	60.54	59.84	22.6	31.4	96	66	WSW 1	ESE 2	5	6	1.3
22	60.28	59.88	22.6	32.1	97	58	ESE 1	E 2	10	6	------
23	59.57	59.14	22.2	32	96	63	ENE 2	NE 3	3	9	1
24	60.71	59.89	23	26	94	89	NNW 1	ENE 2	10	10	10.9
25	60.03	59.66	23.5	24.5	97	94	Calm	Calm	10	10	82.6
26	60.08	59.17	23	24.4	97	93	NW 1	N 1	10	10	57.9
27	59.43	58.08	23	28.5	97	76	Calm	ENE 2	10	10	1.6
28	59.96	58.97	22.1	28.1	96	79	NW 1	ENE 2	10	10	9.7
29	59.99	59.16	23.5	30.3	96	74	SW 1	E 2	5	9	2.5
30	59.68	58.55	22.2	29	96	73	NW 1	ENE 3	10	10	------
31	59.53	59.27	22.1	25.2	95	93	E 1	W 3	10	10	70.5
Mean	59.79	58.93	22.4	29.9	95.5	69.4	0.9	1.9	5.2	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	353.8

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.18	59.26	22.1	30.8	96	72	WNW 1	E 2	9	5	9.4
2	60.84	59.26	23.1	30	95	70	Calm	E 2	10	4	.8
3	59.68	58.16	21.8	30.5	96	66	ESE 1	ESE 3	1	3	------
4	59.41	58.30	21.9	30.8	96	69	ESE 1	SE 2	8	5	19.7
5	59.71	58.75	22.6	29.3	96	79	WSW 1	ENE 2	7	9	9.9
6	58.73	57.90	23	29.9	96	74	W 1	E 2	10	4	------
7	58.45	57.60	22.5	30.2	96	69	SE 1	ESE 1	3	8	------
8	58.35	57.35	21.2	30.4	97	65	E 1	E 3	6	8	------
9	58.65	57.66	21.9	30	97	67	SSW 1	E 2	8	9	------
10	58.70	57.66	21.5	30.2	95	70	S 2	E 3	1	5	------
11	58.13	56.84	22.3	28	94	78	SSE 1	E 3	2	10	------
12	58.09	57.09	22.1	29.4	95	73	WSW 2	E 2	4	8	------
13	58.51	57.75	23.5	29.8	95	70	S 1	E 2	5	7	------
14	59.06	57.80	22	30.5	96	63	SSW 1	ESE 2	10	4	------
15	58.09	57.86	22.5	30	95	71	SW 1	ESE 2	1	5	------
16	58.11	56.66	22.2	31	93	65	SW 1	ESE 3	10	7	------
17	57.84	57.14	21.5	30.5	95	64	SSW 1	SE 2	10	4	4.4
18	57.94	57.43	22.4	30.4	96	67	SSW 1	E 3	3	5	------
19	58.73	58.34	24	30.7	94	73	W 1	ESE 1	10	9	9
20	59.15	58.78	23.1	30.7	96	71	SSW 1	E 2	8	7	------
21	59.54	58.65	22	29.6	95	74	SW 1	ESE 2	10	10	------
22	59.15	58.45	22.6	27.4	96	88	SW 1	E 1	10	10	2
23	58.84	58.64	22.7	30.2	97	67	SW 1	E 2	10	9	------
24	59.74	58.20	21.6	30.4	94	66	SSW 1	E 2	10	7	------
25	58.61	57.69	21.6	30.3	94	66	SW 1	ENE 2	8	9	------
26	59.17	57.68	23.6	30.4	94	66	SSW 1	ESE 3	7	10	85.2
27	58.04	57.90	23.6	28.9	94	71	SW 1	S 3	10	10	21.7
28	58.63	57.51	23.7	30	97	69	S 1	E 3	10	10	.7
29	57.89	57.68	22.2	30.6	96	70	SE 1	ESE 3	10	9	------
30	58.66	58.11	22.7	30	96	70	SE 1	ESE 3	4	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.82	57.94	22.4	30	95.4	70.1	1	2.3	7.2	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	162.8

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.04	58.19	21.7	30	95	71	SW 2	E 3	10	10	0.5
2	59.51	58.74	22	30.7	95	67	S 2	ESE 2	2	6	------
3	59.27	58.54	22	29.9	95	68	SSW 1	ESE 3	10	8	------
4	59.10	58.47	23	28.8	96	78	SW 1	E 2	10	10	6.6
5	58.53	58.10	22.6	28.8	95	75	WSW 1	ENE 3	10	10	------
6	58.84	58	22.7	29.5	95	77	S 1	ESE 2	10	9	2.8
7	58.54	57.76	23.6	29.1	95	74	S 2	ENE 3	10	10	12.8
8	58.54	57.35	23.6	30.2	96	67	S 2	ESE 3	10	6	------
9	58.04	57.39	23	29.2	96	71	SW 1	ESE 3	10	7	------
10	58.18	57.34	23.4	30	94	67	S 1	ESE 3	10	3	------
11	58.44	56.84	23	29.9	95	64	S 2	E 2	10	8	25.1
12	57.85	57.49	24.2	24.2	96	94	ESE 1	SSE 1	10	10	163.5
13	58.23	57.81	24.3	25.5	96	92	Calm	ENE 2	10	10	12.5
14	58.96	58.40	23	29.6	96	71	NW 1	ESE 3	10	8	------
15	58.84	58.66	21.4	29.7	95	69	SSW 1	ESE 2	10	5	------
16	60.36	59.96	21.5	29	95	67	ESE 1	ESE 3	4	5	------
17	60.74	59.91	20.8	29.9	95	71	SSW 1	E 3	4	6	2
18	60.90	60.28	20.3	29.4	93	71	SSW 1	ESE 3	10	8	------
19	60.04	59.56	20.6	29.1	94	69	SSW 1	E 3	4	5	------
20	59.67	59	21.6	30.2	95	71	S 1	ESE 2	3	6	------
21	59.48	58.16	22	30.5	96	69	SSW 2	ESE 3	4	7	------
22	58.96	58.38	22.2	30.7	95	72	NNW 1	SE 1	1	7	------
23	59.76	59.09	22	30.2	95	61	SSW 1	ESE 2	2	2	3.9
24	59.96	59.01	22	29.4	95	72	WSW 2	E 3	10	9	------
25	60.81	59.95	23.2	28.9	95	68	SSE 1	E 3	10	10	.5
26	61.37	59.95	20.2	29.4	93	68	SSW 2	E 3	10	8	------
27	61.04	59.74	20.7	29.6	94	69	S 1	E 3	4	9	------
28	60.51	59.91	21.9	30.9	96	62	Calm	E 3	10	5	------
29	60.75	58.56	20.1	29.4	93	61	SSW 2	ESE 3	10	8	------
30	58.96	58.39	22	29.6	95	64	S 1	ESE 3	10	10	------
31	59.99	59.45	21.4	28.9	95	70	S 1	E 2	5	10	------
Mean	59.46	58.66	22.1	29.4	95	70.6	1.2	2.6	7.8	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	230.2

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure. 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	63.32	60.65	23	29.8	93	79	N 1	E 1	8	7	9.9	60.34	59.13	23.5	29	76	58	N 1	E 2	8	10	------
2	62.55	60.78	23.1	28.8	90	72	N 1	E 4	10	10	14.5	60.39	58.77	21.4	27.2	87	81	N 1	W 1	10	10	------
3	62.32	61.43	23.8	28.6	78	76	N 1	E 4	10	10	------	60.87	59.20	23	28.5	86	70	N 1	E 2	10	10	------
4	62.82	61.85	23.3	25.2	92	85	N 1	E 3	10	10	15	60.75	59.30	23.2	28.2	90	74	N 1	NE 4	10	10	------
5	63.45	61.99	22.6	29.1	88	68	N 1	E 3	10	8	------	61.05	60.05	24.4	28.5	90	74	N 1	E 3	8	10	------
6	63.51	61.78	22.6	27.4	89	76	N 1	E 4	10	10	------	61.37	60.04	22	29	89	74	N 1	E 3	10	8	------
7	63.65	62.10	21.7	29.2	87	73	N 1	E 3	10	8	------	61.27	59.23	20.4	28.4	89	58	N 1	E 2	10	10	------
8	64.01	63.10	20.7	26.6	90	77	N 1	E 2	7	10	------	61.62	60.23	21	27	86	79	N 1	W 2	10	8	------
9	64.87	63.83	22	27	91	73	N 1	E 3	10	10	------	61.55	60.90	22.2	26.4	89	81	N 1	W 1	10	10	------
10	64.90	63.35	21.8	28	84	54	N 1	E 3	10	7	------	61.76	60	23	29	91	62	N 1	E 2	10	6	------
11	63.65	61.85	19	27	81	66	N 1	W 1	10	5	------	61.67	60.73	22	28.2	88	62	N 1	W 2	10	10	------
12	62.15	60.75	23.4	25.5	91	91	N 1	NW 1	10	10	22.8	61.97	61.74	22	26.9	95	74	N 1	E 2	10	10	------
13	61.75	60.23	24	27.8	93	73	N 1	E 3	10	7	------	62.35	61.94	23.2	28.2	90	73	N 1	E 4	10	7	------
14	61.72	60.38	22.1	27.6	90	77	N 1	E 1	8	10	------	63.25	61.69	20.6	28	89	67	N 1	E 2	10	10	10.2
15	62.12	60.23	22.5	27.9	84	78	N 1	E 2	10	8	------	62.90	61.38	21.8	28.3	91	56	N 1	E 3	10	7	------
16	62.77	60.68	23	28.5	95	74	N 1	E 1	10	8	9.9	62.65	61.22	23	28.6	74	57	N 1	E 3	10	7	------
17	63.17	61.38	22.5	26.5	94	77	N 1	E 2	10	10	7.6	62.72	60.95	23	29.7	78	60	N 1	E 2	10	5	------
18	62.45	61.09	23	25	95	83	N 1	W 1	10	10	6.6	62.15	61.34	23.4	30	88	68	N 1	E 1	10	5	------
19	61.70	59.05	24.2	27	82	84	N 1	W 1	10	10	------	62.72	60.74	22	27	84	77	N 1	W 2	8	7	------
20	61.10	59.28	23.4	26.6	90	87	N 1	W 1	10	10	------	62.37	60.82	23.4	29.2	75	63	N 1	E 3	5	5	------
21	60.90	59.08	23.8	28.8	90	72	N 1	E 3	10	10	------	61.30	59.98	22.6	29.2	86	70	N 1	E 2	10	6	------
22	61.18	59.69	22.3	28.7	87	71	N 1	E 2	10	10	------	60.90	59.52	23	28	90	77	N 2	E 3	10	10	------
23	61.07	59.63	22.6	28.3	89	75	N 1	E 2	10	10	------	62.23	61.13	22.2	28.5	89	64	N 1	S 1	8	10	------
24	61.02	59.80	23.1	28.5	90	70	N 1	E 1	10	8	------	61.72	60.24	22	28.2	88	85	N 1	E 1	10	6	------
25	61.20	59.43	22	28.6	89	75	N 1	E 1	10	10	------	61.57	60.49	23.2	28.5	84	68	N 1	SE 1	10	8	------
26	60.41	59.84	23.2	27.9	94	78	N 1	E 2	10	10	------	61.56	61.10	23	28.2	84	63	N 1	W 1	10	8	------
27	61.60	60.20	23.6	27.7	90	90	N 1	E 1	8	10	------	62.84	61.73	22.9	27.8	89	69	N 1	W 1	7	10	------
28	61.52	59.58	23	28.5	84	77	N 1	W 2	10	6	------	62.77	61.40	23.3	27.7	90	79	N 1	W 2	7	10	------
29	61.25	59.42	21	27.3	86	75	N 1	W 2	10	10	------	------	------	------	------	------	------	------	------	------	------	------
30	60.80	59.63	23.6	25.6	90	87	N 1	N 1	10	10	32.2	------	------	------	------	------	------	------	------	------	------	------
31	61.35	59.70	25	28.4	80	68	N 1	E 2	10	8	------	------	------	------	------	------	------	------	------	------	------	------
Mean	62.27	60.70	22.7	27.7	88.6	76.2	1	2	9.7	9	------	61.81	60.54	22.5	28.3	86.6	69.4	1	2.1	9.3	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	118.5	------	------	------	------	------	------	------	------	------	------	10.2

Day.	MARCH.											APRIL.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.32	61.50	23.5	27.4	87	80	N 1	W 1	10	10	------	58.85	58.25	25.1	27.8	91	86	N 1	S 1	10	10	------
2	63	61.20	23.5	28.2	87	76	N 1	S 1	10	8	------	59.64	58.98	23.2	26.5	90	81	N 1	S 1	10	10	31.8
3	62.17	61.08	22.6	27.8	87	79	N 1	E 3	10	10	------	59.34	58.63	23.6	25.5	93	89	N 1	N 1	10	10	35.1
4	62.57	58.70	22.8	28.8	88	75	N 1	W 1	10	10	------	59.61	58.40	25	29.4	93	82	N 1	S 1	10	7	------
5	59.13	59.15	23.8	28.4	93	75	N 1	E 3	8	10	------	60.32	58.53	24.8	29	93	85	N 1	W 1	10	10	------
6	59.80	57.30	24.6	29.6	93	81	E 2	E 4	10	5	------	59.84	58.18	24.5	29.1	90	86	N 1	SSW 1	10	9	------
7	59.15	57.40	25	30	92	66	E 1	E 2	10	10	7.1	60.45	58.84	24.8	29.2	93	84	N 1	S 1	10	10	------
8	59.21	57.75	25.3	30.2	82	68	N 1	E 2	10	6	------	60.52	59.70	24.4	29	90	83	N 1	S 1	10	8	------
9	59.55	57.88	25.1	30.2	88	66	N 1	E 2	10	8	------	61.44	60.15	24.6	29.6	91	81	N 1	E 4	10	5	------
10	60.50	59.05	24.1	27.1	91	82	N 1	S 1	10	10	------	61.29	60.05	25	28.6	92	75	N 1	S 1	10	10	------
11	59.52	58.55	23.7	29	87	81	N 1	S 1	10	7	------	60.47	58.82	24.6	27.4	88	81	N 1	SE 1	10	10	------
12	60.10	59.36	25.4	29	84	75	N 1	SSW 1	10	10	------	59.87	58.42	24.5	28	92	82	N 1	SW 2	10	10	------
13	60.71	59.93	24.1	29.2	91	82	N 1	E 2	10	8	------	60.02	59.01	25	28.2	88	83	N 1	S 2	6	10	------
14	61.02	59.65	23.4	30.4	86	73	N 1	E 2	10	8	------	60.67	59.76	23.8	28.2	93	79	N 1	S 1	10	10	------
15	62	59.90	25.2	30.8	82	72	N 1	E 2	10	7	------	61.45	60.25	24	28.8	93	79	N 1	S 1	10	10	------
16	61.25	60.45	23.4	26	85	89	N 1	W 1	10	10	7.9	61.62	59.20	24.4	29.3	90	83	N 1	S 1	10	8	------
17	61.77	61.58	23	26.2	95	85	N 1	S 2	10	10	12.2	60.35	59.69	24.8	29	93	82	N 1	S 1	10	7	------
18	63.60	61.88	22.7	29	94	81	N 1	E 2	10	8	------	60.42	58.66	24	29	94	83	N 1	S 1	10	10	------
19	62.92	60.49	22.2	28.2	82	66	N 1	W 1	10	10	------	60.10	58.33	25	31	88	68	N 1	N 1	10	5	------
20	61.23	58.90	22.5	28	92	82	N 1	S 2	10	10	------	61.53	59.95	25.4	30.4	88	72	N 1	E 3	10	10	------
21	60.52	58.23	24	29.4	90	65	N 1	E 3	10	10	------	61.60	59.68	25.5	28.6	88	82	N 1	N 1	10	10	------
22	60.06	58.68	24.4	29.4	88	79	N 1	E 2	10	10	------	60.13	58.82	25.8	27.4	93	84	N 1	N 1	10	10	9.6
23	60.23	58.45	25.6	30	81	64	N 1	E 3	10	8	------	60.43	58.48	26	30.5	92	79	N 1	E 3	10	8	------
24	60.15	58.85	25	29	92	71	N 1	S 1	10	10	------	59.94	58.65	26.1	30.7	91	71	N 1	E 3	10	6	------
25	60.45	58.75	23.2	29	86	74	N 1	W 1	10	7	------	59.82	58.58	26.2	32	90	70	N 1	E 3	10	8	------
26	59.62	59.12	23	27.2	90	78	N 1	N 1	10	10	------	60.55	58.94	26	31.5	90	72	E 2	E 4	10	7	------
27	60.08	58.50	22.2	27.6	89	87	N 1	W 1	10	10	27.9	60.60	58.82	25.6	27.2	88	94	N 1	N 1	10	10	19.6
28	60.03	59.05	24.5	29.2	91	70	N 1	E 4	10	10	------	59.81	58.31	24.5	28.5	96	84	N 1	E 1	10	10	7.1
29	60.87	59.14	24.2	29.4	88	71	N 1	E 3	10	10	------	59.12	57.60	25.4	29.1	93	83	N 1	W 2	10	10	------
30	60.19	59	23.6	28.5	86	75	N 1	S 1	10	8	------	59.67	57.79	24	31.5	93	66	N 1	E 2	10	8	------
31	58.72	57.57	25	26.7	87	86	N 1	N 1	10	10	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.72	59.26	23.9	28.7	88.2	75.9	1	1.8	9.9	9	------	60.32	58.92	24.9	29	91.2	80.3	1	1.6	9.9	8.9	------
Total	------	------	------	------	------	------	------	------	------	------	55.1	------	------	------	------	------	------	------	------	------	------	103.2

MAASIN.

[φ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, −1.85 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.76	58.83	24.8	30.5	90	70	N 1	E 2	10	10	------	57.57	57.10	26.8	28.3	89	82	E 2	E 3	10	10	------
2	60.60	58.95	24.8	30.8	93	68	N 1	E 2	7	8	------	58.85	57.51	26.4	28.7	86	78	E 1	SE 3	10	10	------
3	60.58	58.90	26	29.9	92	72	N 1	E 3	10	10	------	59.22	57.25	26.6	29.4	87	82	E 2	E 2	10	10	------
4	59.74	57.23	25	31	95	69	N 1	E 2	10	8	------	59.35	57.75	27	28.7	88	80	N 1	E 2	10	8	------
5	58.67	56.33	24.2	30	93	75	N 1	SSW 1	10	7	------	59.71	58.55	25	29.1	87	83	N 1	E 2	10	10	------
6	58.95	57.52	25.4	30	93	73	N 1	S 1	10	8	------	60.65	59.02	26	29.7	92	77	N 1	E 1	10	8	------
7	59.36	57.63	24.6	30.2	95	75	N 1	E 3	10	7	------	60.19	57.95	25.3	29.5	93	75	N 1	E 1	10	10	------
8	59.35	57.49	25	30	90	78	N 1	E 3	10	6	------	59.35	57.60	25.6	29.4	90	86	N 1	E 2	10	8	------
9	57.93	55.88	25.2	30.4	90	77	N 1	S 1	8	7	------	59.02	57.62	25.8	30.5	87	78	N 1	S 2	8	7	------
10	56.62	55.08	25.5	30.3	91	76	N 1	E 2	8	8	17.5	57.76	58.80	25.6	31.7	91	65	N 1	SE 2	8	10	------
11	57.76	56.65	24	26.6	91	87	N 1	N 1	10	10	12.7	60.01	57.63	26	29.7	84	77	N 1	E 2	10	7	------
12	58.62	57.60	24.9	30.2	92	81	N 1	E 2	10	8	------	59.46	57.25	25.5	31.2	93	72	N 1	E 2	10	5	------
13	58.95	57.70	25.1	29.2	91	78	N 1	W 2	10	10	------	59.08	57.05	26	29.5	84	76	N 1	SE 2	10	10	------
14	59.78	58.15	25.2	30.6	91	74	N 1	W 2	10	10	------	59.38	58.15	25	28.5	88	81	N 1	Calm	8	10	------
15	59.75	58.20	25	29.8	91	78	N 1	W 2	10	6	------	58.77	57.01	24.3	28.8	89	79	N 1	S 1	10	10	------
16	60	58.63	24.5	28.5	96	81	E 2	E 2	10	10	------	58.04	55.93	24.8	28.7	93	80	N 1	S 1	10	10	38.4
17	59.91	58.05	25	29.4	93	78	N 1	E 2	10	8	------	56.90	55.69	24.6	28.2	93	87	N 1	S 1	10	10	30.7
18	60.33	58.69	25.4	30.8	93	80	E 1	S 1	10	10	------	54.98	54.78	26	27.8	92	82	W 3	SW 3	10	10	24.6
19	60.45	57.94	25.6	28.7	91	83	N 1	SSW 1	10	9	------	57.06	56.91	25.9	29	88	81	SW 4	SW 3	10	10	------
20	59.80	58.15	25.1	30.6	91	81	N 1	S 1	10	7	------	58.22	57.57	26.4	29.5	89	81	SE 2	SE 1	10	8	------
21	60	58.98	25.5	29.9	92	82	N 1	SE 2	8	8	------	59.37	58.18	25.3	29.9	93	82	N 1	S 1	10	10	15
22	61.30	59.24	25.3	30.3	90	80	N 1	WSW 1	10	8	------	59.54	58.12	24	27.2	93	86	N 1	N 1	10	10	50.6
23	60.67	58.40	24.8	29.5	81	81	N 1	SE 1	10	10	------	59.01	58.04	24.6	28.4	96	78	N 1	NW 1	10	10	33.8
24	59.32	57.68	26	29.6	92	79	N 1	W 1	10	10	------	57.92	57.20	23.7	27.6	94	91	N 1	S 1	10	10	40.1
25	57.53	57.34	25.8	31.7	93	59	N 1	W 1	10	10	48.3	57.69	57.02	24.4	27.5	90	88	N 1	S 1	10	10	------
26	58.45	57.40	24.5	28.4	96	85	N 1	W 1	10	10	54.3	57.66	57	25	30.5	92	78	N 1	WSW 1	10	10	6.6
27	56.47	53.16	24.2	28.7	90	80	NW 3	NW 3	10	10	128.7	57.07	56.11	24.9	28	94	88	S 1	SW 4	10	10	------
28	55.43	54.28	26	29.4	92	78	NW 1	W 2	10	10	56.9	56.85	55.28	25.4	29	88	81	SW 4	SW 4	10	10	------
29	55.90	54.82	25	28.5	92	85	N 2	SW 3	10	10	------	57.32	56.04	25.5	28.5	96	88	SW 4	SW 4	10	10	------
30	56.85	55.07	26.2	27.6	89	87	SW 3	SW 4	10	10	------	57.30	56.19	25	29	92	86	N 1	SE 2	10	10	17.3
31	57.17	56.24	27	29.2	88	73	SW 4	SW 3	10	10	19	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.90	57.30	25.2	29.7	91.5	77.5	1.3	1.9	9.7	8.8	------	58.44	57.21	25.4	29	90.4	80.9	1.5	1.9	9.8	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	337.4	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	257.1

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.31	56.35	26.4	29.2	92	83	SW 2	S 2	10	10	7.1	59.54	58.20	24.6	29.5	92	85	N 1	S 1	10	7	11.2
2	57.62	56.80	24.5	29.5	91	81	N 1	S 1	10	10	------	59.22	57.18	24.6	29.8	91	81	N 1	NW 1	10	10	------
3	57.85	56.20	25.5	29.3	93	83	N 1	S 2	10	10	------	58.87	56.54	23.8	29.4	93	81	N 1	S 2	10	10	30.5
4	56.65	55.38	25.4	28.8	93	83	NW 1	SW 3	10	10	19	57.94	57.37	23.3	27.6	93	87	N 1	SW 2	10	10	------
5	56.51	56.17	26.2	27.4	86	85	SW 2	SW 4	10	10	------	58.07	58.57	24.6	28.5	91	81	N 1	S 1	10	10	26.2
6	56.82	55.39	26.6	28.3	87	84	SW 3	SW 4	10	10	------	59.04	58.22	24	26.8	91	86	SW 3	SW 3	10	10	18.3
7	57.14	55.73	27	28.9	89	83	SW 4	SW 4	10	10	------	59.09	58.27	24	26.6	93	89	SW 2	SW 4	10	10	------
8	56.79	56.28	27.2	28.8	87	82	SW 3	SW 4	10	8	------	58.72	57.26	24.5	27.5	91	87	SW 3	SW 3	10	10	11.7
9	57.67	56.30	24.7	29.3	94	83	N 1	SW 4	10	10	------	58.23	56.92	25	26.6	90	89	N 1	SW 1	10	10	16.3
10	57.72	56.89	25.5	29.4	92	79	N 1	SW 4	10	10	------	58.20	56.71	25.5	28.2	94	82	SW 1	SW 3	10	10	------
11	58.50	57.60	25.7	29.5	91	81	SW 3	SW 4	10	10	------	55.63	55.35	25.8	28.2	88	86	SW 2	SW 3	10	10	------
12	58.75	58.15	25.2	29.2	93	81	SW 1	SW 4	10	10	------	57.32	55.33	26.6	28.6	87	84	SW 2	SW 3	10	10	------
13	58.57	58.03	25	29.4	93	78	N 1	SW 3	10	10	------	57.03	55.80	27.5	29.2	84	80	SW 4	SW 3	10	5	------
14	59.13	58.18	24.5	30	91	82	N 1	S 1	10	6	------	58.02	57.05	25.2	28.6	97	83	SW 2	SW 2	10	10	------
15	59.30	57.95	25.5	29.6	92	83	N 1	SW 2	8	10	------	58.27	56.71	25.2	29.1	93	81	N 1	S 2	10	10	45.7
16	57.86	56.75	25.6	28.8	93	86	N 1	SW 3	10	10	19.6	57.89	56.39	24	28.8	90	82	N 1	NW 1	10	10	10.4
17	57.57	57.22	24.6	26.6	90	89	W 1	W 1	10	10	13.7	58.04	56.95	22.8	29.8	93	79	N 1	W 2	10	10	------
18	57.95	56.63	25.2	28.6	93	85	SW 2	SW 3	10	10	------	58.52	57.05	24.1	28.8	97	85	N 1	S 2	10	8	------
19	57.85	56.30	25.5	29.6	96	81	SW 1	SW 3	10	10	17.5	57.95	57.11	25	29.5	95	85	N 1	S 2	10	10	------
20	57.69	57.12	23.6	26.5	95	91	N 1	W 1	10	10	------	58.05	56.88	25.2	28.7	93	80	N 1	SW 3	10	10	------
21	58.17	57.04	23.6	28	95	80	N 1	SW 2	10	10	------	58.09	55.98	27	29	92	85	SW 2	SW 3	10	8	------
22	57.18	55.97	24.2	28	93	85	N 1	SW 3	10	10	------	58.47	56.95	26.6	29.1	94	86	SW 3	SW 3	10	10	------
23	55.96	55.01	24.7	27.5	94	88	N 1	SW 3	10	10	61.3	59.52	58.13	26.8	28.8	92	82	SW 2	SE 2	10	10	------
24	56.27	56.35	24	28.8	91	82	SW 3	SW 4	10	8	------	59.87	58.51	25	29.4	92	72	N 1	SW 3	10	10	------
25	57.25	56.68	26.7	28.5	91	77	SW 2	SW 3	10	10	------	59.28	57.74	24.9	29	92	78	S 1	SW 3	10	10	------
26	57.75	57.10	26	28.6	92	80	SW 3	SE 2	10	8	------	58.27	56.35	26.6	29.1	95	81	SW 2	SW 4	7	10	------
27	58.35	57.60	25.6	29.4	92	81	N 1	SE 1	10	10	------	57.85	56.19	27	29.5	92	85	SW 3	SW 4	10	8	------
28	59.18	58.21	26	29.1	89	85	N 1	SE 2	10	8	------	59.33	57.65	27.2	29.2	84	78	SW 3	SW 3	10	10	------
29	59.67	58.90	25.2	29.6	93	82	N 1	SE 2	10	7	------	59.72	58.03	26.6	29.5	90	78	SW 2	SW 3	10	10	------
30	59.75	57.95	25.4	29	93	85	N 1	SE 1	10	10	------	59.37	58.23	25.2	29.5	90	85	N 1	SW 4	10	10	------
31	60.25	58.28	25	29	93	85	N 1	S 1	10	7	------	57.90	56.90	26.8	29.4	86	79	SW 3	SW 4	10	10	------
Mean	57.90	56.92	25.3	28.8	91.8	83	1.5	2.6	9.9	9.4	------	58.43	57.11	25.3	28.8	91.5	82.6	1.7	2.6	9.9	9.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	138.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	170.3

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

Day.	SEPTEMBER. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	OCTOBER. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.87	55.88	27	30	87	82	SW 4	SW 4	10	10	------	59.87	58.58	25	29.4	92	78	N 1	NE 2	10	10	7.9
2	57.51	55.68	27	30.2	92	82	SW 3	SW 4	10	10	------	59.79	58.09	24.2	30	90	80	N 1	S 1	10	8	------
3	56.88	54.93	27.2	29.1	86	84	SW 4	SW 3	10	10	------	60.07	58.58	25	30.2	92	82	N 1	NE 1	10	8	------
4	57.15	55.53	27.8	28.8	89	88	SW 3	SW 3	10	10	------	60.49	58.53	24.2	29.4	93	86	N 1	SE 2	10	10	------
5	56.95	54.61	27.2	29	90	82	SW 4	SW 4	10	10	------	60.80	59.18	23.4	29.5	91	84	N 1	S 1	10	10	7.1
6	56.95	55.21	27.2	29	87	82	SW 3	SW 4	10	10	------	60.36	58.74	23.3	30.6	92	71	N 1	S 1	10	6	------
7	56.43	55	27.1	29.2	91	80	SW 3	SW 4	10	10	------	59.54	58.58	25	28.7	92	82	N 1	NW 1	10	10	2.8
8	57.20	55.54	26.6	29	92	82	SW 2	SW 3	10	10	7.1	60.61	58.70	24.4	29.4	91	81	N 1	S 1	10	10	3
9	57.27	55.30	27	29.2	87	82	SW 3	SW 4	10	10	19.3	60.75	59.13	24.9	28.9	92	83	N 1	S 1	10	10	------
10	58.03	57.23	27	29	92	85	SW 2	SW 3	10	10	------	60.30	58.80	24	26.6	95	89	N 1	N 1	10	10	9.9
11	58.86	57.58	27.2	28.7	86	81	SW 2	SW 3	10	10	------	59.67	57.80	24.9	29.4	92	79	N 1	S 1	10	8	------
12	58.95	57.14	26.4	28.4	89	77	N 1	SW 3	10	10	------	59.67	58.15	24.6	27.6	88	84	N 1	SE 2	10	8	------
13	58.96	57.53	25	28	87	85	N 1	SW 3	10	10	12.2	60.36	58.08	24.6	29.6	92	84	N 1	S 1	10	10	------
14	59.17	58.14	24	28.9	91	80	N 1	S 2	8	10	------	60.62	59.37	24.8	29.8	88	77	N 1	S 1	10	9	------
15	59.69	58.10	24.1	29.4	91	85	N 1	W 1	10	7	------	60.82	58.28	24.6	29.8	89	82	N 1	S 1	10	10	------
16	59.27	57.58	25.3	29.4	93	85	N 1	S 2	10	6	------	60.52	59.04	23.6	29.3	91	84	N 1	S 2	5	6	------
17	58.58	57.67	25.6	29.6	91	82	N 1	S 1	10	8	40.6	61.15	59.20	24	29.4	96	71	N 1	W 1	10	8	------
18	59.20	58.18	26	29.8	92	85	N 1	S 1	10	8	------	61	59.39	24.6	29.6	90	81	N 1	S 1	5	6	------
19	60.35	58.56	24.7	28.2	94	86	N 1	W 1	10	10	15	60.59	59.55	23.8	28.5	91	87	N 1	N 1	5	10	------
20	60.19	58.45	24.6	30	93	78	N 1	W 1	10	10	------	61.03	59.38	25	30.5	92	72	N 1	SE 2	10	10	------
21	58.71	57.52	24.7	29.8	94	82	N 1	NW 2	10	10	9.7	61.35	59.20	24.1	29	91	85	N 1	S 1	5	6	------
22	57.87	57.09	24.4	29	93	86	N 1	SW 2	10	10	------	61.13	59.63	23	30.1	88	76	N 1	E 1	7	8	------
23	57.48	56.55	25.1	28.5	91	85	N 1	SW 2	10	10	------	60.71	59.35	23.6	30	90	75	N 1	E 2	5	10	------
24	58.02	56.88	25.4	29	92	85	SW 2	SW 3	10	10	------	61.07	59.28	24.3	29.1	89	76	N 1	E 2	10	10	14
25	58.48	56.74	25.5	29.5	93	85	SW 1	SW 3	10	10	------	60.70	59.42	24	27.2	91	83	N 1	E 2	10	10	21.6
26	58.87	57.07	24.6	26.8	93	89	N 1	W 1	10	10	47.8	61.45	59.74	24	25.4	93	85	N 1	E 1	10	10	10.2
27	59.17	56.91	25.6	29	92	82	N 1	SW 2	10	10	------	60.84	58.90	23.7	27	94	83	N 1	S 1	10	10	11.2
28	59.27	57.55	25.6	29.5	93	81	N 1	SW 3	10	10	------	61.47	59.38	23.4	28.8	93	72	N 1	E 2	10	10	------
29	59.34	57.89	24.6	28.6	90	80	N 1	E 2	10	10	------	60.95	58.93	23.6	30.4	95	61	N 1	NE 2	10	10	------
30	59.84	57.95	24.8	29.6	93	84	N 1	SE 2	10	10	------	60.75	59.21	24.5	26.9	91	86	N 1	NE 1	10	10	17.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	60.91	59.73	24.6	29.6	87	71	N 1	S 2	10	10	------
Mean	58.42	56.87	25.8	29.1	90.8	83.1	1.8	2.5	9.9	9.6	------	60.62	58.97	24.2	29	91.3	79.7	1	1.4	9.1	9.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	151.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	105

Day.	NOVEMBER. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	DECEMBER. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.30	59.63	25.6	30	90	71	N 1	NE 2	10	10	------	59.72	58.29	23.8	30	90	78	N 1	E 2	10	8	------
2	61.07	59.64	24	30	87	73	N 1	W 1	10	10	------	60.17	58.63	23.3	28	90	77	N 1	W 1	7	10	------
3	60.24	58.75	23.2	26.5	90	86	N 1	NW 1	10	10	14	60.06	58.25	23.2	28.4	95	82	N 1	W 1	10	10	7.4
4	60.09	59.05	23.8	28	93	85	N 1	E 1	6	5	------	59.34	58.16	24	28.7	93	83	N 1	W 1	10	10	------
5	60.74	59.09	24.5	29.2	90	77	N 1	S 2	10	5	------	58.94	58.01	24.5	29	91	81	N 1	E 2	10	8	19.1
6	60.13	58.28	23.6	30	92	77	N 1	NE 2	8	7	------	59.79	58.13	24.4	29.2	93	81	N 1	NE 1	10	10	4.8
7	59.73	57.83	23.5	30.5	87	65	N 1	NE 2	7	10	------	59.26	57.71	24.7	29	94	72	N 1	S 1	10	10	8.1
8	59.61	57.65	24.2	30.4	85	59	N 1	NE 2	10	10	------	59.77	57.35	24	29	93	71	N 1	E 2	10	10	11.2
9	59.33	58.10	23	29	91	78	N 1	S 1	10	8	------	58.89	57.64	24	28.6	95	73	N 1	S 1	10	10	21.6
10	59.44	58.10	23.5	28.6	91	82	N 1	W 1	5	10	------	59.33	57.63	23.2	29	93	78	N 1	S 1	10	10	52.8
11	58.93	57.12	25	29.8	85	77	N 1	NE 2	10	10	------	59.39	57.85	24.4	26.5	91	91	N 1	E 2	10	10	18.1
12	59.10	57.52	25.2	29.5	90	76	N 1	W 2	10	5	------	59.82	57.86	24.1	26.5	91	83	N 1	E 3	10	10	42.4
13	59.38	57.80	23.5	29.6	90	79	N 1	S 2	10	5	------	59.69	58.21	25	28.8	92	73	N 1	E 2	10	10	------
14	59.77	58.85	24.1	29	92	78	N 1	S 1	7	10	------	59.96	58.75	24	29.8	86	65	N 1	E 2	8	8	------
15	59.29	57.30	24	29.5	91	75	N 1	SW 1	10	6	------	59.89	59.20	23.2	29.2	93	66	N 1	E 3	10	7	------
16	58.83	56.67	23.7	29.8	89	71	N 1	E 2	4	5	------	61.30	60.18	22.8	28.3	93	75	N 1	E 1	10	10	------
17	58.56	57.49	24.5	29.4	91	75	N 1	E 2	8	5	------	61.70	60.35	23	29.5	91	69	N 1	E 3	10	8	------
18	58.76	57.44	24	29	91	79	N 1	S 1	10	6	------	61.42	59.30	23.5	29	91	78	N 1	W 1	10	8	------
19	59.34	58.65	24.2	29.5	94	78	N 1	E 2	5	8	------	61	59.40	25.6	27.4	87	86	N 1	NE 1	10	10	7.4
20	59.92	58.48	25	30	92	78	N 1	E 2	10	5	------	60.08	58.37	25	27.5	92	84	N 1	NE 1	10	10	8.6
21	60.12	58.58	23.6	29.4	90	75	N 1	W 1	6	8	------	59.71	57.70	24.6	29.2	95	83	N 1	SE 2	10	10	------
22	59.90	58.52	25	29.8	92	77	N 1	NE 3	10	8	------	59.92	58.09	24.5	30.1	95	69	N 1	E 2	10	5	------
23	60.17	59.07	24.5	30	87	76	N 1	NE 1	10	10	5.3	60.27	59.28	23.5	29	92	78	N 1	SE 1	10	8	------
24	59.93	57.90	25	29.5	92	81	N 1	NE 1	10	10	16.8	60.85	59.54	24.4	29.5	90	76	N 1	E 3	10	10	------
25	58.92	57.74	24	29.1	91	77	N 1	W 1	10	10	30.7	61.92	60.35	24.4	29.4	91	72	N 1	E 3	10	6	------
26	56.46	58.10	24.7	27	94	84	NW 1	SE 3	10	10	23.1	61.95	60.38	24.2	27.5	91	87	N 1	NE 1	10	10	------
27	60.28	58.43	26	29.6	92	74	N 1	E 2	10	8	------	62.05	60.35	24	29.6	91	74	N 1	E 3	10	5	------
28	60.23	57.35	24	29.8	87	73	N 1	E 3	10	8	------	61.36	59.55	23.3	29.6	89	72	N 1	E 3	10	10	------
29	58.87	57.83	23.6	30.2	86	74	N 1	NE 2	10	10	4.6	60.91	58.78	22.8	26.2	89	87	N 1	SE 1	10	10	------
30	59.39	58.40	23.6	27.6	88	81	N 1	W 1	10	10	9.1	60.19	58.58	23	28.8	95	78	N 1	E 1	10	10	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	61.05	58.85	23.6	28.4	88	81	N 1	E 1	10	10	------
Mean	59.59	58.18	24.2	29.3	90	76.4	1	1.7	8.9	8.1	------	60.31	58.73	23.9	28.7	91.6	77.5	1	1.7	9.8	9.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	103.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	201.5

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.99	60.57	21.1	29.6	95	73	NNE 0	NW 1	4	5	------	59.94	59.17	20.1	31.9	91	53	Calm	W 1	8	3	------
2	62.29	60.60	22	30.9	95	67	NNE 0	NW 1	4	9	------	59.76	59.87	19	31.1	86	58	Calm	W 1	9	8	------
3	62.50	60.97	21.5	32.1	91	62	Calm	SW 2	9	3	------	60.62	59.32	19.5	30.6	86	52	Calm	W 2	4	0	------
4	62.24	61.46	20	29.9	91	55	Calm	NNE 2	7	10	------	60.17	58.67	20	30.6	79	58	NNE 0	W 2	7	2	------
5	63.16	61.71	22.3	30	92	61	Calm	W 1	3	4	------	60	58.95	20.5	32.7	82	49	Calm	NNW 2	9	9	------
6	63.21	61.72	20.5	30.5	87	62	Calm	W 1	1	2	------	60.44	60.07	18.7	31	88	53	Calm	W 1	8	6	------
7	63.44	61.94	20	30	81	54	NNE 1	W 1	0	1	------	60.55	59.36	18.1	28.6	89	58	NNE 0	W 2	7	10	------
8	63.77	63	18.9	28	87	63	NNE 0	W 1	7	10	------	60.92	60.67	19.9	29.5	78	50	NE 0	W 1	10	9	------
9	64.58	62.94	22	31.5	87	46	Calm	NE 2	6	5	------	61.19	60.85	18.7	30	80	50	NE 1	W 1	4	9	------
10	64.21	62.90	20.5	32.1	82	52	Calm	W 1	1	2	------	61.45	60.07	18.5	30.5	81	53	NNE 1	W 1	6	0	------
11	63.71	61.87	18	30	81	51	NNE 1	NW 1	2	0	------	61.49	60.65	18.8	30.7	80	52	NNE 1	WNW 1	7	8	------
12	62.03	60.98	17.5	26.6	90	68	Calm	NW 1	1	10	------	61.64	61.05	20.4	30.5	85	58	Calm	W 1	6	9	------
13	61.25	60.42	22.4	27.6	90	87	NNE 1	W 1	9	10	1.8	62.19	61.56	20.2	31.5	85	54	Calm	W 1	4	5	------
14	61.37	60.55	21.4	30.5	93	66	NNE 0	W 1	1	10	------	62.41	61.52	19	30	86	53	Calm	W 1	6	8	------
15	61.86	60.03	21.1	31.2	95	55	Calm	W 1	9	4	------	61.75	61.21	19.3	30.6	83	53	Calm	W 2	0	6	------
16	61.90	61.10	18.7	30.9	89	60	NNE 0	N 1	9	5	------	61.96	60.80	18.6	32.2	89	48	Calm	WSW 1	7	1	------
17	62.29	60.86	19.8	30.8	89	57	Calm	W 1	1	5	------	61.93	61.09	21.8	32	59	43	ENE 1	W 2	0	1	------
18	61.65	60.31	21.4	32.4	87	53	Calm	W 1	1	2	------	61.50	61.41	19.6	31.1	79	48	NNE 0	NW 2	1	1	------
19	60.70	58.61	22	31	95	60	Calm	N 1	2	5	------	62.47	60.85	20.5	31.5	70	50	NNE 1	NW 2	0	0	------
20	60.47	58.92	21	31	87	62	Calm	NW 1	8	4	------	62.01	60.74	19.5	31.1	73	54	NE 1	W 1	1	1	------
21	59.56	58.77	22.1	31.5	90	59	Calm	W 1	5	5	------	61.09	60.32	21.2	31	72	51	NE 1	WNW 1	5	1	------
22	60.21	59.41	22.2	32	90	55	Calm	W 1	5	4	------	60.90	59.30	19.5	31.6	86	59	Calm	W 1	3	1	------
23	60.57	59.41	20.7	31.6	84	56	Calm	SW 1	7	10	------	61.71	61.11	21	32.1	86	62	Calm	SW 2	4	1	------
24	60.51	59.22	24.4	31.4	70	54	Calm	W 1	10	5	------	61.53	60.77	20.5	30	91	64	Calm	WNW 1	2	8	------
25	59.87	58.77	21	31	83	48	Calm	W 1	6	2	------	61.04	60.17	20	32	81	52	NE 0	WSW 1	2	1	------
26	60.30	59.75	19.9	30	76	59	Calm	WNW 1	6	9	------	61.68	60.79	19.1	32.4	82	55	Calm	WSW 1	4	9	------
27	61.18	59.96	21.5	31	92	55	Calm	W 1	5	4	------	61.88	61.02	18.5	33	90	43	Calm	WSW 1	2	0	------
28	60.98	59.32	21.5	31.5	83	57	Calm	W 1	2	9	------	61.79	61.32	20.6	32.8	76	56	Calm	SW 1	10	4	------
29	60.48	59.43	20	32	88	57	Calm	WSW 1	3	3	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	60.20	59.48	19.1	30.5	86	60	Calm	W 1	2	5	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	60.56	59	24	29.7	79	67	Calm	W 1	7	9	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	61.74	60.45	20.9	30.6	87.3	59.4	0.1	1.1	4.6	5.5	------	61.29	60.45	19.7	31.2	81.9	53.2	0.2	1.3	4.9	4.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	1.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	0

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.90	61.31	22.8	31.6	89	59	Calm	W 1	7	4	------	58.28	58.08	25.1	28	76	85	Calm	NW 1	10	10	1.8
2	62.45	60.99	21	31.9	86	58	Calm	SW 1	7	1	------	58.97	58.59	23.1	33	91	55	Calm	W 1	8	1	------
3	61.64	60.06	19.1	32.7	85	49	Calm	W 1	1	3	------	59.06	58.69	23.6	32.6	84	57	Calm	W 1	2	7	------
4	59.62	58.75	23.1	30.7	90	61	Calm	NW 2	10	9	------	58.95	58.82	24.5	33.5	83	61	Calm	WSW 1	10	7	------
5	58.53	57.39	23	30.1	91	68	Calm	W 1	1	8	------	59.86	58.58	25.5	33.5	84	58	Calm	W 1	7	5	6.9
6	58.30	57.75	25.6	31	91	71	Calm	W 1	10	9	------	59.11	58.43	23.5	32	92	64	NNW 1	W 1	4	5	------
7	58.56	57.73	25.6	30.1	92	74	Calm	W 1	10	10	------	60.04	58.72	24.6	32.9	87	61	NE 0	SW 1	6	3	------
8	58.47	57.23	23.5	33.5	91	59	Calm	WSW 1	5	2	------	60.17	59.55	23.4	32.1	88	63	NNE 1	W 1	2	8	------
9	58.41	57.70	22	31.5	88	60	Calm	W 2	10	6	------	60.81	60.13	23.6	33.8	88	54	Calm	W 2	4	10	------
10	59.06	58.69	22	31.5	86	57	Calm	W 1	1	10	------	60.81	59.53	23.6	33	86	59	Calm	W 2	5	3	------
11	58.92	58.56	22	31	66	60	Calm	W 2	2	2	------	59.84	58.28	23.8	33.5	81	56	Calm	W 1	5	6	------
12	59.65	59.90	24.4	31.5	80	57	Calm	WSW 1	2	9	------	59.25	58.58	24.6	31.2	79	66	NNE 0	W 1	6	9	------
13	60.40	59.88	23.8	33.6	81	60	Calm	WSW 1	2	2	------	59.47	59.08	24	33.5	83	56	NNE 1	W 1	3	8	------
14	60.42	60.23	23	31.9	83	61	Calm	W 1	1	2	------	60.21	59.57	24.2	32.6	82	59	NNE 1	W 1	4	3	------
15	61.36	59.95	22.8	32.3	97	50	NE 0	W 2	6	1	------	61.04	60.71	24.6	30.7	79	65	NNE 0	WSW 1	6	9	------
16	60.63	59.60	20	32	68	47	Calm	W 2	3	1	------	61.22	59.20	23.5	33.8	77	55	NE 1	W 1	4	1	------
17	61.30	61.50	22.4	29.5	83	62	Calm	NW 2	8	10	------	59.96	58.34	24	33.5	75	58	NE 1	W 1	5	3	------
18	62.60	61.64	22	31.8	86	56	Calm	W 1	7	5	------	59.43	58.47	22.6	33.5	87	56	NE 0	WSW 2	3	5	------
19	62.56	60.70	20.7	33.2	84	46	Calm	W 2	8	10	------	59.27	58.55	23.6	33	83	55	NE 0	W 2	1	2	------
20	60.78	59.31	21	31.9	82	50	Calm	W 1	8	8	------	60.59	59.93	24.9	34.4	81	55	Calm	W 1	8	5	------
21	59.50	58.67	22.5	29.6	78	68	Calm	SW 1	9	10	------	61.34	59.79	23.5	33.9	85	49	Calm	W 2	10	8	------
22	59.23	58.65	21.9	32.3	83	56	Calm	W 1	9	9	------	59.49	58.34	26	34.4	76	52	Calm	NW 2	8	9	------
23	59.27	58.58	23.5	32.2	83	57	Calm	W 2	8	3	------	59.75	58.08	26.6	34.5	80	52	NE 0	SW 3	10	9	------
24	59.12	58.84	22.1	32.8	85	54	Calm	SW 1	8	6	------	59.45	58.59	25.1	33.4	86	59	Calm	W 1	7	8	.5
25	59.68	58.94	20.9	32	83	52	Calm	W 1	2	4	------	59.29	58.93	25.7	30.7	82	78	Calm	Calm	5	10	6.6
26	58.82	58.86	21.5	32.4	69	42	Calm	W 2	3	8	------	59.84	58.74	25	33.3	80	53	Calm	W 2	10	4	------
27	59.28	58.58	21.1	32.2	65	53	Calm	NW 2	7	9	------	59.75	58.73	24.1	33.6	82	57	NE 1	SW 1	0	2	.5
28	59.45	59.26	24.1	30	79	65	Calm	NW 1	7	8	4.6	58.99	57.72	24.5	32.1	86	68	Calm	WSW 1	3	10	1.8
29	60.18	59.25	21.9	32.2	88	54	Calm	W 1	5	6	------	57.87	57.31	22.1	34	86	49	Calm	W 2	5	1	------
30	59.76	59.23	22.2	32.5	89	55	Calm	WSW 1	8	5	------	58.71	57.71	22.4	33.9	76	51	NNE 0	WSW 2	10	10	------
31	58.55	57.70	20.5	32.1	69	51	NNE 0	W 1	5	4	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.95	59.21	22.3	31.7	82.9	57.2	0	1.3	5.8	5.9	------	59.69	58.79	24.2	32.9	82.8	58.9	0.2	1.3	5.7	6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	4.6	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	18.1

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, −1.84 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.46	58.59	24.6	33.1	75	60	Calm	NW 2	8	10	------
2	59.89	58.79	24.8	33.5	79	58	Calm	W 1	2	2	------
3	59.96	58.18	23.5	34.3	84	55	NE 1	W 1	3	5	------
4	58.69	56.96	25.1	32.7	80	60	Calm	W 2	7	7	------
5	57.70	55.91	24.8	33.5	77	54	Calm	W 2	5	5	------
6	58.30	56.74	25	33.7	77	55	NE 1	W 1	9	2	------
7	58.09	58.11	25	33.1	80	60	NE 1	W 1	10	10	18
8	58.59	58.18	25	28.2	91	83	NE 1	E 1	10	10	2
9	57.54	56.10	25	32.9	91	65	NE 0	W 1	5	9	------
10	56.34	55.03	25.5	34.1	88	61	NE 0	SW 1	1	7	------
11	56.80	56.09	26.5	33.4	84	62	NE 1	WSW 1	10	10	.3
12	58.09	57.34	25	33.6	84	58	NE 0	W 2	10	8	------
13	58.42	57.82	25.1	34.3	79	55	Calm	SW 1	10	10	------
14	58.65	57.79	25	33.6	76	53	NE 1	W 2	10	9	------
15	59.33	58.04	25.9	34	81	59	ENE 0	W 1	10	6	------
16	59.11	58.46	25	32	79	64	Calm	SW 2	5	5	------
17	59.69	58.30	27.5?	30.7	78?	73	Calm	SW 3	2	9	------
18	59.98	58.66	27.6?	30.5	77?	72	Calm	SW 1	8	10	------
19	60.08	58.19	27?	31.9	78?	70	NE 1	SW 2	8	7	------
20	59.34	58.06	26.5?	30	80?	75	Calm	SW 3	4	9	1.5
21	59.66	59.41	25.1	30.4	91	70	Calm	SW 1	3	9	.8
22	61	60.50	25	33.5	87	58	NE 1	W 1	4	9	------
23	60.41	58.87	24.6	34	87	56	NE 1	SW 1	2	2	------
24	59.26	57.74	24.5	33.6	80	58	NE 0	W 2	9	10	29.7
25	57.82	57.83	24	32.2	88	66	NE 1	W 2	9	5	8.1
26	59.04	58.23	24.8	29.3	92	79	N 1	NW 1	10	10	18.5
27	57.30	56.78	25.1	27.1	96	83	Calm	W 2	10	10	5.1
28	56.39	55.41	25	30.9	95	76	Calm	W 2	10	10	43.2
29	56.43	55.37	24.7	29.1	96	78	NW 1	W 1	10	10	52.1
30	57.25	55.69	24	29.5	96	78	Calm	SSW 1	10	10	169.4
31	57.01	55.57	26	27	95	92	SSW 4	SSW 5	10	10	62.5
Mean	58.57	57.51	25.2	31.9	84.5	66	0.5	1.6	7.2	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	411.2

JUNE.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.66	56.87	27.5	28.1	87	85	S 5	S 6	10	10	8.4
2	57.99	57.25	27.1	29.4	85	80	SSE 3	SSW 3	10	10	29.2
3	58.46	57.71	25	28.7	96	85	Calm	SSW 3	10	10	3.3
4	58.22	57.81	26.6	30.6	92	78	SSE 1	SSW 3	10	3	.3
5	59.31	58.84	25.6	31	93	78	SSE 0	SSW 1	10	10	1.5
6	60.41	58.35	24.5	31.7	87	74	SE 0	SW 2	10	10	------
7	59.89	58.25	25.1	31.6	91	72	Calm	Calm	10	10	10.4
8	59.07	58.10	24.5	31.3	92	77	NW 0	WSW 1	10	10	7.4
9	58.74	57.88	25	31.5	91	70	Calm	W 0	6	10	1.3
10	59.71	58.50	26	32.8	89	68	Calm	SW 1	10	9	------
11	59.79	58.02	25.1	32.9	94	67	Calm	W 1	2	9	.3
12	59.29	57.72	24.4	32.2	88	67	NNE 0	W 1	6	10	28.4
13	58.74	57.75	25.5	29.5	92	81	Calm	Calm	10	9	9.7
14	59.74	57.93	25.1	31.1	92	72	Calm	WSW 1	10	10	------
15	58.91	57.43	24.6	32.3	93	64	Calm	WSW 1	4	3	------
16	57.96	56.60	25.1	30.4	91	72	Calm	SW 1	10	10	6.1
17	57.30	56.39	24.4	26.1	93	91	Calm	Calm	10	10	8.1
18	56.72	55.29	24	28.6	91	78	ENE 0	Calm	10	10	78.2
19	55.76	56.50	27	27.6	84	89	SW 4	SSW 4	10	10	39.4
20	57.64	57.65	27	27.6	85	84	SSE 2	SSW 4	10	10	59.5
21	59.06	58.77	23.5	28.9	97	82	Calm	Calm	10	10	14.5
22	59.99	58.31	24.5	31.5	95	72	NE 0	SW 1	10	9	5.8
23	59.35	58.20	24.5	30.5	92	70	Calm	Calm	10	8	1.3
24	58.56	57.46	25.4	30	93	75	NE 0	Calm	10	10	6.4
25	57.70	57.36	24.4	28	91	82	ESE 0	Calm	10	10	63
26	57.97	57.26	23.4	30.5	96	72	Calm	Calm	10	10	17.8
27	57.86	57.24	24.5	25.1	96	96	Calm	Calm	10	10	43.7
28	56.75	55.89	24.4	28.5	95	86	Calm	SSW 3	10	10	30.2
29	56.73	56.68	26.6	27.5	84	88	SSW 4	SW 2	9	10	65.3
30	57.24	57.60	24	24.5	92	92	Calm	SW 2	10	10	101.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	58.38	57.52	25.1	29.7	91.2	78.2	0.6	1.4	9.2	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	640.8

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.09	57.10	24.5	25.4	96	93	SW 2	Calm	10	10	58.4
2	57.97	57.32	23.5	28.4	92	82	Calm	Calm	10	10	61.2
3	58.27	57.12	23.6	29.9	97	76	Calm	Calm	10	10	28.7
4	57.41	56.32	23.7	29.6	95	71	SW 1	Calm	10	10	46.5
5	57.50	57.16	24.1	25.6	96	94	Calm	SW 2	10	10	19.8
6	56.72	55.53	26.6	29	88	82	SSW 3	SSW 1	10	10	33.8
7	56.49	56.10	27.6	29	84	82	SSW 4	SSW 3	9	10	12.9
8	56.89	57	27.6	28.3	84	85	S 4	S 3	10	10	------
9	57.59	57.42	27.6	29.6	84	80	S 2	SSW 2	10	9	.5
10	58.44	58.25	27.5	31.1	85	75	SW 2	SW 3	10	10	3.8
11	58.97	58.51	28	30.1	88	78	SW 3	SW 3	10	10	1.8
12	58.22	58.53	28	29.5	86	81	SW 3	SSW 2	10	10	3.6
13	58.58	58.71	27.6	30.4	87	76	SW 2	SW 2	7	10	.8
14	59.27	58.66	25.9	31	94	76	Calm	SW 1	6	8	3.6
15	59.48	58.40	27.5	31.6	85	72	SW 2	SW 1	4	9	18.5
16	58.36	58.18	24	24.5	92	92	Calm	WNW 2	10	10	89.2
17	57.61	57.19	24	27	93	84	Calm	Calm	10	10	25.1
18	57.49	56.97	24.5	28.6	96	81	Calm	SW 2	10	10	16.8
19	57.74	56.78	24.6	28.5	97	83	Calm	Calm	10	10	35.3
20	57.82	56.92	23.9	30.5	97	74	Calm	SW 2	10	5	75.9
21	58.21	57.57	23.8	29.5	97	75	Calm	SSW 1	10	10	3.6
22	57.10	56.40	24	29.2	92	76	Calm	SSW 1	10	9	1
23	55.95	55.31	24.4	30.6	96	74	Calm	SW 2	9	8	36.8
24	56.19	56.89	24.5	24.9	93	93	SW 2	Calm	10	10	78.7
25	56.86	57.21	26.1	27.5	87	81	S 3	SW 2	7	10	6.9
26	57.48	57.05	27.8?	28.8	82?	79	SW 3	S 3	10	10	------
27	58.43	58	27.6	28.6	82	80	SSW 2	SSW 2	10	10	------
28	59.05	59.75	23.8	31.5	94	70	Calm	SW 1	10	5	------
29	60.60	58.88	23.8	31.4	93	68	Calm	SSW 0	5	5	------
30	59.69	57.94	24	29.9	91	73	Calm	Calm	6	10	12.4
31	60.17	58.25	23.5	29.6	91	75	SSE 1	S 2	10	8	------
Mean	57.99	57.47	25.4	29	90.8	79.4	1.3	1.4	9.1	9.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	675.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.75	58.66	22	30.5	87	67	Calm	Calm	2	1	------
2	59.46	58.15	23.1	31.6	92	69	Calm	SSW 0	3	3	1
3	58.50	57.18	24	31.5	91	66	Calm	Calm	8	9	------
4	57.94	57.34	23.5	31.8	91	67	Calm	SW 1	4	5	9.9
5	58.04	57.77	24.5	28.5	96	81	Calm	SSE 2	10	10	15.5
6	58.75	58.06	24.1	25.6	94	92	Calm	S 1	10	10	146.3
7	58.46	57.75	23.6	27	96	88	Calm	SW 1	10	10	63.5
8	58.36	57.99	23.4	26.6	97	87	Calm	Calm	10	10	16.5
9	58.35	58.14	24.1	25	96	92	Calm	SW 2	10	10	58.4
10	57.30	57.41	25.6	27	91	85	SW 4	SW 4	10	10	30.4
11	56.12	55.94	26.5	26.8	88	88	SW 4	SW 4	10	10	81.8
12	56.06	55.55	26.5?	28	89?	82	SW 3	SW 4	10	10	51.1
13	56.86	56.05	24.9	26.8	96	90	SW 4	S 4	10	10	62.3
14	58.27	56.77	23	28.6	96	80	Calm	S 3	10	10	19
15	58.35	57.57	24	28.5	96	82	Calm	SW 1	10	10	------
16	58.07	56.88	23.5	31.5	92	69	Calm	SW 1	8	8	6.9
17	58.67	57.76	24	31	96	69	Calm	SW 1	10	9	.5
18	58.26	57.42	23.8	29.2	93	80	Calm	Calm	8	10	------
19	58.06	57.66	24	29.9	91	79	Calm	Calm	10	10	10.2
20	58.10	57.22	24.5	29.5	96	80	Calm	SSW 3	10	10	7.1
21	57.64	56.62	27.4?	28.5	85?	88	SW 2	SSW 4	10	10	5.6
22	57.89	57.66	27.6?	28.5	86?	82	SSW 4	SSW 3	10	10	.6
23	59.23	58.89	27.8	28.7	82	83	SSW 2	Calm	10	10	3.3
24	60.05	59	24.1	29.7	94	71	Calm	SSW 3	10	5	------
25	59.29	58.28	27.4	30.9	81	71	SW 2	SSW 2	9	8	------
26	57.93	57.21	27.5	29.9	81	76	SSW 2	SSW 3	9	9	------
27	57.17	56.90	28	29.5	82	79	SSW 4	SSW 4	5	9	2.5
28	59.04	58.28	27.6	30.3	84	79	SW 3	S 3	9	7	10.2
29	59.64	59.02	27.4	30.6	85	78	SW 3	SSW 3	8	5	6.9
30	59.63	59.13	24.5	31.4	94	73	Calm	SW 1	7	2	.8
31	57.98	57.61	27.5	32	88	72	SW 3	SW 2	10	7	1
Mean	58.30	57.61	25.1	29.2	90.5	78.9	1.3	1.9	8.7	8.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	611.3

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[a] The total rainfall in the "Monthly Bulletin" should be 640.8 mm. instead of 640.7 mm.

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, −1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.36	57.46	28.1	28.6	84	84	SSW 4	S 3	10	9	5.1
2	57.38	56.78	27.6	31	88	79	SSW 3	SW 3	10	10	41.4
3	57.20	55.85	25	29	92	85	S 2	SSW 3	10	10	7.1
4	56.48	55.88	27.5	29.5	89	81	SSW 3	S 3	10	10	12.4
5	57.26	55.58	27.1	29	88	82	S 4	S 4	10	10	1.1
6	56.14	55.57	27.8	29.6	86	82	S 5	S 4	10	7	1.8
7	56.18	56.33	28	28.4	85	85	S 4	S 2	10	10	2.3
8	57.05	56.23	26.1	28	90	85	S 1	SSW 2	10	10	60.7
9	56.88	56.83	26.1	27	89	92	S 3	S 5	10	10	15.8
10	58.36	57.96	23.4	25.9	97	88	Calm	Calm	9	10	11.4
11	59.09	58.05	26.7	28.9	87	83	SW 2	SW 3	10	10	57.7
12	59.46	58.12	24.9	26.9	92	93	W 1	Calm	10	10	15.3
13	58.72	58.49	22	24.5	91	92	Calm	Calm	10	10	31.7
14	59.23	58.61	22	30.2	92	80	Calm	SW 0	10	7	15.3
15	59.92	58.80	23.6	31	93	71	Calm	WNW 0	10	3	-----
16	59.20	58.45	22.9	29.6	88	89?	Calm	Calm	1	9	6.6
17	58.81	57.25	23.5	32	88	70	Calm	Calm	9	5	-----
18	58.97	58.29	24	32.3	91	74?	Calm	SW 1	9	3	-----
19	60.01	58.78	24	32.5	91	69	Calm	SW 0	7	8	-----
20	60.26	59.39	24	30.5	88	72	Calm	WNW 0	5	10	-----
21	59.45	58.62	23.5	29.1	88	74	Calm	Calm	4	10	2.5
22	58.60	57.67	24	30.3	94	70	Calm	Calm	9	10	-----
23	57.82	57.70	23.1	26.5	95	86	Calm	Calm	4	10	2.3
24	57.77	56.84	23	29.1	92	81	Calm	Calm	7	10	19.1
25	57.49	56.96	24	26.1	96	88	Calm	Calm	6	10	63
26	58.53	58.23	23	25.9	96	90	Calm	SSW 1	10	10	57.9
27	58.96	57.14	23.6	27.5	96	87	SSE 2	S 1	10	10	7.1
28	59.18	58.02	24.8	28.1	93	88	Calm	SW 2	10	10	9.7
29	58.99	58.12	24.3	29.6	97	84	Calm	SW 0	10	10	12.2
30	59.54	58.35	23.5	31.5	92	79?	Calm	SW 1	8	3	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.34	57.54	24.7	28.9	90.9	82.1	1.1	1.3	8.6	8.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	459.5

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.01	58.50	23.1	31.4	90	67	NE 0	W 0	8	5	-----
2	59.32	58.68	23.5	31	92	72	Calm	Calm	3	4	-----
3	59.93	59.09	22.5	29.5	91	78	Calm	Calm	2	10	2.5
4	59.68	58.72	22.9	30.5	92	74	Calm	SW 1	3	10	-----
5	60.57	59.36	22.9	30.6	92	71	Calm	Calm	2	8	7.4
6	60.23	59.60	22.2	26.6	93	85	NE 0	Calm	1	10	-----
7	59.63	59	22.6	28	91	85	NE 0	Calm	4	9	1.3
8	60.36	59.34	23.4	30.6	92	74	E 0	Calm	6	10	26.9
9	61.68	59.50	23.4	31.5	94	67	Calm	WNW 0	7	6	-----
10	60.23	59.37	22.6	29.6	90	74	NE 1	Calm	6	10	-----
11	59.33	58.20	22.2	32.6	90	66	NE 0	Calm	6	4	-----
12	59.63	58.34	22.1	31.1	88	66	Calm	Calm	5	5	-----
13	60.04	59.03	23.5	31.5	89	63	Calm	Calm	2	9	-----
14	60.73	59.49	22.5	31.4	88	62	Calm	WNW 1	2	2	-----
15	60.48	58.75	22.1	32.5	91	60	Calm	W 0	7	2	-----
16	60.23	59.09	22.1	31.6	91	57	Calm	W 0	5	2	-----
17	60.83	59.49	22.5	31.6	87	54	Calm	WNW 0	2	1	-----
18	60.47	59.59	22.5	31.5	92	60	Calm	NW 0	5	9	-----
19	60.28	59.54	21.9	32.8	92	60	Calm	W 1	1	2	-----
20	60.85	59.88	23.5	28.6	90	78	Calm	Calm	5	8	-----
21	61.46	60.25	22.6	31.6	91	65	Calm	NW 1	1	5	.3
22	60.87	59.65	22	32.5	91	61	Calm	W 0	1	3	-----
23	60.22	59.41	22.8	32	89	64	Calm	NW 1	6	8	-----
24	60.71	59.62	22	30.5	95	70	Calm	Calm	7	9	3
25	60.31	59.18	23.5	29.4	93	68	Calm	NE 0	10	10	-----
26	60.35	59.25	23.5	31.6	91	62	Calm	W 0	9	9	-----
27	60.16	58.60	23	31.5	91	60	Calm	W 1	9	10	-----
28	60.46	59.35	21.1	32	90	47	Calm	NW 1	5	2	-----
29	60.65	59.23	22.2	32.1	90	60	Calm	WNW 1	4	7	-----
30	60.23	58.35	22	32.7	83	52	Calm	W 1	9	5	-----
31	60.44	59.43	23.9	33	88	52	Calm	W 1	5	5	-----
Mean	60.33	59.19	22.7	31.1	90.5	65.6	0	0.3	4.8	6.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	41.4

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.01	59.45	23.5	32	91	61	Calm	NW 1	7	3	-----
2	60.82	59.29	23	32.6	88	57	Calm	N 1	6	7	7.1
3	59.96	58.26	21.4	31.5	88	59	Calm	NNW 1	0	1	-----
4	60.06	58.91	22.6	28	90	81	Calm	NNE 1	1	10	6.9
5	60.50	59.16	22	31.6	91	68	Calm	Calm	5	5	.3
6	59.28	58.14	22.6	32.9	92	61	Calm	W 1	2	3	-----
7	58.99	57.79	21.4	32.1	92	60	Calm	W 1	0	3	-----
8	59.08	57.45	22	32.5	92	62	Calm	W 1	5	5	-----
9	59.02	58.05	21.5	32.5	87	55	Calm	NNW 1	3	5	-----
10	58.87	57.64	22.6	33	91	56	Calm	W 0	0	4	-----
11	58.32	56.79	23.1	31.5	90	56	Calm	WNW 0	1	2	-----
12	58.53	57.39	22.6	32.6	87	57	Calm	WNW 1	10	2	-----
13	59	57.71	21.7	31.7	89	62	Calm	NW 1	0	8	-----
14	59.46	57.54	23.1	33	90	61	NE 0	W 1	0	4	-----
15	58.43	57.19	22.4	32.1	92	60	Calm	W 1	1	2	-----
16	58.58	56.58	22	32	89	54	Calm	W 1	1	2	-----
17	58.13	57.08	22.4	32.5	88	54	NE 0	NW 1	0	5	-----
18	58.10	57.75	22.6	30.5	92	66	Calm	Calm	1	10	-----
19	58.77	58.18	22.5	33.5	91	58	Calm	W 0	0	3	-----
20	59.46	58.74	23	34	91	56	NE 0	Calm	2	7	-----
21	59.67	58.58	23.1	32.5	91	60	Calm	NW 1	2	5	-----
22	59.46	58.56	23.4	31.6	88	60	Calm	Calm	10	10	-----
23	59.35	58.54	22.5	31.7	87	58	Calm	NNW 2	10	10	-----
24	59.87	58.14	22.8	32	89	61	NE 0	W 1	5	9	-----
25	58.55	57.64	23.6	31.8	91	59	Calm	N 1	10	9	-----
26	59.05	56.34	24.6	26.5	87	90	Calm	N 2	10	10	2.6
27	59.87	58.49	24.1	32	86	61	Calm	NNW 1	10	9	-----
28	59.21	57.25	22.5	31.2	92	62	Calm	NW 1	10	10	-----
29	58.20	57.63	21.5	32.1	92	54	Calm	W 1	9	3	-----
30	58.77	58.04	22	33.5	91	60	Calm	W 1	6	7	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.21	57.94	22.6	31.9	89.8	61	0	0.8	4.2	5.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16.9

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.12	58.07	23.5	33	87	58	Calm	W 1	8	10	-----
2	59.65	58.72	21.9	29.9	88	65	Calm	Calm	5	9	-----
3	59.42	58.30	23.1	31.9	94	61	Calm	W 1	4	4	-----
4	59.07	58.56	23.1	31.3	90	67	Calm	SW 0	3	10	-----
5	58.96	57.75	23	31.9	92	62	Calm	NW 1	9	9	2.5
6	59.30	57.70	23.9	29.1	92	84	Calm	Calm	8	9	.8
7	58.84	57.91	24.1	29.4	91	72	Calm	SSE 2	5	10	-----
8	58.78	57.31	22.1	30.6	90	62	Calm	Calm	5	10	-----
9	58.50	57.35	22	31.8	86	55	Calm	NNE 1	1	6	-----
10	58.61	57.40	22.6	30.4	90	73	Calm	Calm	5	10	.5
11	58.71	56.92	22.5	30.1	96	68	Calm	Calm	10	10	-----
12	57.75	57.06	23.5	31.1	90	62	Calm	NW 1	8	9	.5
13	58.70	57.34	22.7	35.5	89	38	Calm	E 2	7	2	-----
14	59.55	58.46	22	31.2	79	48	Calm	NW 2	5	1	-----
15	58.88	58.58	20.6	32	89	57	Calm	NW 2	3	2	-----
16	60.99	59.81	20.4	31.7	87	54	NE 1	NW 1	1	7	-----
17	61.17	60.04	22.4	31.7	91	56	Calm	W 1	5	3	-----
18	61.26	60.42	21.4	30.8	84	55	Calm	NW 1	2	7	-----
19	60.32	58.66	21	32.1	88	58	Calm	W 1	5	6	-----
20	59.66	58.70	21	32.4	86	57	Calm	NW 1	6	5	-----
21	59.45	57.94	22.4	31.5	91	66	Calm	NNW 1	5	9	-----
22	59.13	58.35	22.5	31.8	91	62	Calm	NW 1	9	9	-----
23	60.07	59.40	23.2	32.9	82	61	Calm	SW 1	8	2	-----
24	60.08	59.01	21.1	32.3	90	59	Calm	W 1	3	4	-----
25	61.33	60.36	22.6	32	80	53	Calm	W 1	5	6	-----
26	61.86	60.30	20.2	32.5	80	52	NE 0	W 1	6	9	-----
27	61.65	59.64	22.7	32.3	89	56	Calm	NW 1	6	5	-----
28	60.93	59.60	21	31.4	79	53	Calm	NW 2	3	9	-----
29	60.77	58.26	24	30	83	62	Calm	NNW 2	10	9	.3
30	59.56	58.33	22.3	30.6	76	56	Calm	NW 1	10	9	-----
31	60.40	59.50	22.5	31.4	83	58	Calm	NW 1	10	6	-----
Mean	59.76	58.57	22.3	31.5	87.2	59.7	0	1	5.8	7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.6

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, −1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.07	61.23	25.6	28.2	84	72	NNE 3	NNE 3	10	9	------
2	62.20	61.05	25.5	28.4	86	75	NNE 3	NNE 3	10	7	------
3	62.62	61.26	25.9	29.1	83	71	NNE 3	NNE 2	8	6	------
4	62.51	61.77	25.3	27.9	82	68	NNE 3	NNE 3	10	10	------
5	62.87	61.86	25.4	28.9	84	68	NNE 1	NNE 2	10	5	------
6	63.23	61.92	25.4	28.9	83	69	NNE 2	NNE 3	10	7	------
7	63.37	62.05	25.5	28.5	93	69	N 2	N 2	10	8	------
8	64.03	62.72	25.4	29	78	63	N 2	NNE 3	10	7	------
9	64.73	63.28	24.6	26.7	84	70	N 3	N 4	10	10	0.5
10	64.36	63.27	24.4	27.6	70	64	NNE 3	N 3	10	10	------
11	63.34	62.07	23.4	27.4	79	64	N 3	N 3	10	5	------
12	62.06	61.12	24.3	27	78	78	N 2	NNE 2	10	10	------
13	61.56	60.30	25.4	28.5	93	78	NE 1	NE 2	10	8	------
14	61.35	60.32	25.4	29.8	89	70	NNE 1	N 2	10	6	------
15	61.94	60.30	25	28.4	81	68	N 2	N 2	10	5	------
16	62.08	61.17	25.4	28.4	77	68	N 2	N 2	10	8	------
17	62.46	60.67	25.4	28.6	79	71	N 3	N 3	10	7	------
18	61.88	60.40	25.3	28	79	71	N 2	N 2	10	6	------
19	61.27	58.87	25.4	28.7	85	71	N 1	N 2	10	10	------
20	60.68	58.87	25.4	28.3	81	70	N 2	N 2	10	10	------
21	59.93	59	25.8	28.9	86	72	N 2	NNE 3	10	9	------
22	60.03	59.55	25.4	28.9	82	69	N 3	N 2	10	10	------
23	60.38	59.35	25.1	29.3	80	67	N 2	N 2	10	10	------
24	60.86	59.27	25.8	28.6	76	67	NE 3	NNE 3	10	10	------
25	60.16	58.92	25.4	29.8	74	54	NNE 3	NNE 2	10	10	------
26	60.34	59.80	25.4	28.4	71	65	N 3	NNE 3	10	4	------
27	61.25	60.14	25.8	29.2	84	68	NNE 3	NNE 3	10	6	------
28	60.83	59.21	25.4	28.4	77	65	NNE 3	NNE 3	10	7	------
29	60.49	59.42	25.1	29.7	73	59	NNE 3	NNE 2	10	6	------
30	59.97	59.17	25	29.3	80	67	N 3	NNE 3	10	4	------
31	60.60	59.12	25.9	29.4	83	69	NNE 1	NNE 1	10	10	------
Mean	61.79	60.56	25.3	28.6	81.1	68.4	2.4	2.5	9.9	7.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.85	59.10	25.4	29.1	85	67	NNE 1	NNE 2	10	7	------
2	59.96	58.88	25.3	29.4	79	64	NNE 2	NNE 2	10	8	------
3	60.63	59.39	25.4	28.9	75	62	NNE 2	NE 2	10	7	------
4	60.24	58.80	24.9	29.4	80	63	NNE 2	NNE 2	10	6	------
5	60.18	59.25	25.1	29.4	83	62	NE 2	NE 2	10	8	------
6	60.68	59.74	24.9	29.3	83	63	NNE 1	NNE 2	10	8	------
7	60.56	59.22	24.7	28.9	75	59	NNE 2	NNE 2	10	10	------
8	61.12	59.70	22.9	29.5	84	60	N 1	N 2	10	10	------
9	61.32	60.75	24.4	29.2	81	62	NE 2	NNE 2	10	7	------
10	61.08	60.05	25.4	29.1	74	61	NNE 2	NNE 2	9	3	------
11	61.23	60.90	24.9	28.9	77	59	NE 2	NNE 2	9	7	------
12	61.53	61.35	24.9	29	83	65	NNE 2	NNE 2	10	8	------
13	62.14	61.66	24.9	29.4	77	59	NNE 3	NNE 3	10	4	------
14	62.26	61.62	24.4	28.5	82	64	N 1	N 2	10	9	------
15	61.67	61.12	21.4	30.2	88	56	ENE 1	N 2	10	5	------
16	61.77	60.89	24.4	29.4	77	56	NNE 1	N 3	10	3	------
17	62.09	61.21	23.9	29.4	81	56	NNE 1	NNE 1	10	7	------
18	61.44	61.40	22.9	28.9	90	62	NE 1	N 2	10	7	------
19	61.98	61.10	23	28.8	87	59	NNE 2	NNE 2	10	6	------
20	61.84	60.97	23.9	29	82	61	NNE 2	NNE 2	10	5	------
21	60.88	60.20	23.4	28.8	86	61	NNE 1	NNE 1	10	6	------
22	60.46	59.22	24.4	31.1	78	61	NNE 2	NNE 2	10	5	------
23	61.69	60.87	23.4	29.9	92	65	NE 1	NNW 2	10	5	------
24	61.33	60.86	24.9	29.3	82	66	N 1	N 2	10	10	------
25	61.06	60.26	25.5	29.1	78	68	NNE 2	NNE 2	10	7	------
26	61.43	60.96	24.9	30.2	81	62	NNE 2	NNE 2	10	6	------
27	61.54	61.40	21.9	29.8	89	57	NE 1	N 2	10	4	------
28	61.98	61.32	25.2	30.6	80	62	NNE 2	NNE 2	10	6	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.21	60.44	24.3	29.4	81.8	61.5	1.6	2	9.9	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.81	61.26	25.7	30.7	86	67	NNE 2	NNE 3	10	6	------
2	62.27	61.07	25.3	30.5	84	66	N 2	NNE 2	10	5	------
3	61.27	60.24	25.1	29.4	82	64	NNE 2	NNE 2	10	7	------
4	59.93	59.30	25.5	30.4	85	67	NNE 2	NNE 2	10	6	------
5	58.69	58.07	25.9	29.2	89	74	NNE 2	NNE 2	10	4	------
6	58.04	57.85	25.8	32.5	92	63	SE 1	SE 2	10	5	------
7	58.43	57.61	26.9	30	88	72	NE 1	N 1	9	8	------
8	58.42	57.27	26.6	31.7	86	60	N 2	N 2	10	5	------
9	58.23	57.72	25.4	30.9	89	63	ENE 1	NNE 2	10	7	------
10	58.83	58.47	25.7	30.9	84	66	N 2	N 2	10	4	------
11	58.70	58.81	25.4	30.9	93	62	NE 1	N 2	10	6	------
12	59.71	59.74	25.9	31.5	83	68	N 2	N 3	10	6	------
13	60.37	59.93	24.4	32.1	93	60	NE 1	NE 1	10	6	------
14	60.43	60.27	26.4	30.4	84	63	NE 2	NNE 2	10	5	------
15	61.26	60.18	26.2	30.7	84	59	N 2	N 2	10	4	------
16	60.36	60.08	25.6	31.1	69	60	ENE 1	N 2	10	9	------
17	61.32	61.35	25.9	28.4	82	72	NE 2	NNE 3	10	9	------
18	62.56	61.56	25.9	31.2	84	60	NE 2	NNE 2	10	7	------
19	62.52	60.92	25.7	30.7	81	62	NNE 2	NNE 2	10	8	------
20	61.72	59.51	25.6	28.7	84	72	NNE 1	NNE 2	10	10	------
21	59.45	58.56	25.2	31.3	88	66	NE 1	NNE 2	10	8	------
22	59.28	58.60	25.4	31.1	89	64	NE 1	N 2	10	8	------
23	59.19	58.56	26.5	30.8	85	62	NE 1	NNE 2	10	7	------
24	59.24	58.79	26.2	31.3	85	66	NE 2	NE 2	10	7	------
25	59.47	58.99	25.7	32.2	84	55	NE 2	NE 2	10	5	------
26	58.82	59.06	25.4	31	80	52	NE 2	NNE 2	10	7	------
27	59.37	58.82	25.5	29.8	80	63	NE 2	NNE 2	10	6	------
28	59.72	59.39	25.6	28.6	84	74	NNE 2	NNE 2	8	8	------
29	60.07	59.48	25.9	30.6	85	64	NNE 2	NNE 2	10	5	------
30	59.72	59.39	26.2	30.6	81	64	NE 2	NE 2	10	6	------
31	58.70	57.69	25.6	30.6	80	64	NE 2	NE 2	10	7	------
Mean	59.93	59.31	25.7	30.6	84.6	64.3	1.7	2	9.9	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.13	57.82	26.4	31.7	83	67	NE 2	NE 2	9	7	------
2	59.04	58.65	27	32.1	80	57	NE 2	NE 2	10	6	------
3	59.12	58.91	26.5	31.1	86	71	NE 2	NE 2	10	7	------
4	59.17	58.95	26.9	31.9	86	69	NE 2	NE 2	10	5	------
5	59.66	58.65	26.7	31.3	90	71	NNE 1	NE 2	10	5	------
6	59.03	58.57	26.4	28.9	90	79	NNE 1	E 2	10	9	------
7	58.82	58.64	26.9	31.3	84	70	N 1	NNE 2	9	6	------
8	59.90	59.33	27.3	33.1	89	63	N 1	NNE 2	9	4	------
9	60.71	60.16	27.4	32.3	87	64	NE 2	NNE 2	10	5	------
10	60.33	60.05	27	30.3	87	72	NNE 2	NNE 2	10	8	------
11	59.70	57.51	26.3	30.9	85	65	NNE 2	NNE 2	10	6	------
12	59.07	58.55	27.1	31.5	87	66	NE 1	NNE 1	10	7	------
13	59.18	59.05	25.3	33.1	92	57	NNE 1	N 1	10	6	------
14	59.76	59.46	24.6	32.6	90	60	N 1	N 1	10	7	------
15	60.80	59.50	26.6	31.6	90	64	N 1	NNW 1	10	6	------
16	60.78	58.99	25.6	32.2	94	61	N 1	N 2	10	7	------
17	59.75	58.04	27.2	33.1	81	59	N 2	N 2	10	6	------
18	59.33	58.38	24.7	33.2	90	58	N 1	WNW 2	10	7	------
19	58.97	58.37	27.2	33.1	82	59	ESE 1	NNE 2	10	5	------
20	60.60	59.79	28.1	32.2	86	66	N 2	ENE 2	9	7	------
21	61.16	59.80	27.9	30.7	81	66	NNE 2	N 2	10	9	------
22	59.21	58.29	27.7	33.3	84	62	N 2	N 2	10	4	20.6
23	59.45	58.80	24.9	30.6	95	70	NNE 1	ESE 2	10	10	------
24	59.42	58.60	26.6	31.9	94	69	E 1	N 2	10	5	------
25	58.98	58.70	26.9	32.6	92	65	Calm	N 1	10	6	------
26	59.86	59.08	26.5	33.4	97	60	E 1	N 2	10	3	------
27	59.57	58.84	25.8	33.3	94	57	Calm	NNE 1	10	5	------
28	58.88	57.47	27.7	32.4	85	63	NE 1	NNE 2	10	6	------
29	57.71	57.42	27.7	30.9	81	65	NNE 2	NE 1	8	5	------
30	58.61	57.82	27	31.9	80	57	N 1	NE 2	10	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.49	58.74	26.7	32	87.4	64.4	1.3	1.8	9.8	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	20.6

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1..	59.43	58.55	27.3	31.9	81	64	NNE 2	N 1	10	10	------	55.74	55.71	26.6	27.2	83	85	S 4	S 4	10	10	74.7
2..	59.77	58.88	28.2	30.6	81	70	ENE 2	NNE 2	10	10	------	57.63	56.78	24.3	29.3	96	81	S 4	S 3	10	10	83.3
3..	59.59	58.65	27.5	33.7	79	59	NNE 2	NNE 2	10	6	------	57.92	57.89	25.9	24.8	98	96	SSW 2	SSW 2	10	10	21.3
4..	58.80	57.07	28	33.1	84	59	NNE 1	N 2	9	5	------	57.62	57.47	27.3	30.6	92	77	SSW 3	SSW 3	10	10	4.6
5..	57.72	55.97	27.8	33.1	83	62	NNE 1	N 2	10	6	------	59.08	58.60	27.2	31	89	79	SSW 2	SSW 2	10	10	------
6..	58.15	57.08	28.1	33.6	82	62	NE 1	NW 2	8	7	------	59.86	58.70	25.6	30.6	96	76	SSE 1	S 1	10	10	------
7..	58.23	58.30	28.4	33.8	78	61	NNE 2	NNE 2	10	8	------	59.82	58.40	25.4	30.4	96	76	ESE 1	ESE 1	10	10	------
8..	58.15	57.75	27.7	28.6	90	92	NE 1	NNE 1	10	10	10.5	58.77	57.78	26.5	30.9	97	74	SSE 1	WNW 1	10	10	------
9..	57.49	55.93	26.3	32.9	98	69?	ESE 1	ESE 1	10	8	------	58.27	57.98	26.5	32.2	97	71	N 1	W 2	10	10	------
10..	56.20	55.22	26.8	34.1	93	63	ENE 1	WSW 1	10	8	------	59.23	58.78	26.4	31.8	93	72	SW 1	S 1	10	10	1.3
11..	56.36	56.40	28.6	32.2	87	71	NNE 2	S 2	9	10	------	59.51	58.40	25.8	31.3	93	73	SSE 1	NW 1	10	7	------
12..	57.87	57.49	28.3	32.3	81	70	NNE 1	WNW 1	10	9	------	58.75	57.65	26.4	31.1	91	67	NE 2	WSW 2	10	8	------
13..	58.23	57.90	28.2	32.5	85	58	NNE 2	NNE 2	10	9	------	58.57	57.65	25.7	30.6	95	74	SE 1	S 1	10	10	5.6
14..	58.63	58.02	27.7	33.2	85	56	NE 1	N 2	10	8	------	59.57	57.75	25.3	29.7	96	71	S 1	WSW 1	10	10	3.8
15..	59.11	57.95	26.7	32.6	77	70	E 1	N 1	10	9	2	58.74	57.28	25.1	32.3	96	69	SSE 1	WSW 1	10	8	1.5
16..	59.02	58.54	24.8	29.9	86	73	E 1	NNW 1	9	8	1.3	57.70	56.39	28.2	31.4	80	75	N 2	NNE 2	10	8	5.1
17..	59.32	58.18	25.1	33.1	94	60	ESE 1	SE 2	10	8	2.5	57.06	56.56	26.1	31.4	97	73	N 1	N 1	10	10	7.4
18..	59.63	58.29	26.3	31.6	95	67	ESE 1	SSE 1	10	8	------	56.54	55.50	27.4	30.4	87	78	N 2	W 2	10	10	8.7
19..	59.48	57.69	26	31.4	86	75	SSE 1	SSW 2	10	10	8.4	55.40	55.42	28.1	29	86	83	SW 3	SW 4	10	10	7.4
20..	58.08	58.18	25.6	30.7	90	77	SSE 1	S 2	10	8	4.3	57.28	56.98	26.3	29.1	91	83	S 2	S 2	10	10	3.8
21..	59.47	59.04	26.3	32.6	90	66	SSE 1	S 2	9	8	.8	58.82	58.37	26.3	29.7	90	78	S 2	S 2	10	10	84.6
22..	61.03	59.48	25.6	30.2	93	70	S 1	S 1	10	8	------	59.62	58.02	25	29.6	97	75	W 1	SE 1	10	10	------
23..	60.06	58.89	25.6	32.3	91	66	ESE 1	NNW 1	10	9	4.3	58.82	58.02	24.9	29.1	96	78	ENE 1	SSE 1	10	10	------
24..	58.87	57.88	25.3	32.4	88	66	NE 1	N 2	10	10	------	58.18	57.03	25.6	30.4	92	75	WSW 1	SSE 1	10	8	4.8
25..	57.55	57.99	26.7	32.8	94	65	NNW 1	N 2	8	8	------	57.59	57.32	25.3	28.9	95	77	WNW 2	N 1	10	10	------
26..	58.37	58.06	27.6	29.7	88	77	NW 2	NNW 2	10	10	28.2	57.85	57.30	25.8	31.7	90	72	N 1	WNW 2	10	10	1.8
27..	57.15	56.38	28.3	32.1	91	75?	NNW 1	NW 2	10	10	16.7	57.41	56.65	27.1	29.7	87	77	WNW 2	WNW 2	10	10	9.7
28..	56.13	55.28	27.7	32.6	89	75?	NW 3	NW 3	10	9	------	56.14	55.27	26	26.4	95	92	SW 1	SW 2	10	10	33
29..	55.80	54.95	26.9	30.1	91	78	WNW 3	WNW 2	10	10	61.2	56.45	56.34	25.9	26.8	94	86	SSW 3	SSW 2	10	10	72.1
30..	56.29	55.04	26	28.4	94	88	SW 2	SSW 2	10	10	22.6	57.05	56.44	24.2	26	97	94	SSE 2	S 2	10	10	91.5
31..	56.22	55.19	27.4	28	87	83	S 3	S 3	10	10	27.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	58.26	57.43	27	31.8	87.5	69.3	1.5	1.7	9.7	8.6	------	58.03	57.28	26.1	29.8	92.7	77.9	1.7	1.8	10	9.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	190	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	526

Day.	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1..	56.48	56.55	24.9	28.4	97	79	WSW 2	SSW 2	10	10	3.3	59.44	58.35	23.7	30.6	95	67	SW 1	WSW 2	10	6	------
2..	57.63	57.21	25.1	30.6	96	78	SSW 1	SSW 2	10	10	29	59.23	57.81	23.7	31.2	97	69	WNW 1	NW 1	10	6	------
3..	57.97	57.19	25.4	24.4	93	96	SSW 1	SW 1	10	10	12.4	58.19	57.03	25.7	31.2	93	68	NNW 1	NW 1	10	9	0.8
4..	56.99	56.25	24.6	30.7	96	76	NW 1	SSW 1	10	8	49.6	57.37	57.08	24.5	31.2	94	71	N 1	W 2	10	6	.8
5..	56.90	56.05	26	26.9	94	91	S 4	S 4	10	10	26.6	57.60	57.48	24.7	31.2	95	70	SE 1	SSW 2	10	10	17.5
6..	56.30	55.32	26.1	29.6	94	82	SSW 4	SSW 4	10	10	------	58.25	58.52	25.1	29.5	95	78	SSE 1	SSW 2	10	10	58
7..	55.92	55.69	27.5	29.9	84	77	SSW 3	SSW 3	10	10	15.5	58.35	57.80	24.9	26.3	96	93	WNW 3	W 2	10	10	76.4
8..	56.46	56.36	27.4	30.9	84	73	SSW 3	SSW 3	10	10	.8	57.79	57.39	25.1	25.6	93	94	WNW 3	WSW 1	10	10	17.2
9..	57.39	56.93	27.3	31	87	72	S 2	S 2	9	9	------	57.76	57.56	24.1	29.9	96	82	S 1	SSW 2	10	10	20.3
10..	58.34	57.76	27.3	32.2	89	74?	SSW 2	SSW 2	10	9	14.5	56.97	56.52	25.2	27.4	92	86	WSW 2	SW 4	10	10	7.1
11..	58.38	57.83	27.7	32.4	87	73?	SSW 2	SSW 3	10	10	7.6	55.79	55.42	26.5	28.4	84	82	SW 4	SW 3	10	10	29.3
12..	58.07	58.09	26.9	31.3	92	77?	SSW 2	SSW 2	10	10	------	55.58	54.93	26.6	30.3	88	77	SW 4	SW 4	10	10	102.1
13..	58.26	58.05	27.3	29.7	88	82	SSW 2	SSW 2	10	10	9.9	56.14	55.56	25.6	27.7	94	85	SW 3	SSW 4	10	10	68.5
14..	58.97	58.43	26.9	32.4	92	72	SSW 2	SSW 2	10	9	------	57.53	56.35	24	28.4	96	85	SSW 2	SSW 2	10	10	15.5
15..	59.40	58.11	27.2	31.6	90	70	SW 2	SW 1	8	9	2.3	57.61	57.27	24.3	27.7	94	84	SW 1	SW 1	10	10	------
16..	58.09	57.09	27.2	25.2	90	96	SW 2	SW 3	10	10	54.1	57.53	56.75	23.9	31.1	97	70	SW 1	SW 1	10	10	3.6
17..	57.06	56.37	25	28.2	93	82	SSE 2	WSW 4	10	10	1.3	58.47	57.44	25.9	31.4	95	74	WNW 1	SW 2	10	8	1.8
18..	57.09	56.16	25.2	29.6	98	78	SSE 1	SW 3	10	10	------	58.14	58.23	25.2	31.5	94	72	SW 1	SW 1	10	8	------
19..	57.08	56.37	26	30	93	74	WSW 2	WSW 3	10	10	20.8	57.75	57.63	24.4	29.9	95	75	SW 1	SW 1	10	9	------
20..	57.52	56.80	25.7	29.3	93	81	W 2	WSW 2	10	10	9.9	57.66	56.87	26.4	30.2	92	80	SW 1	SW 2	10	10	1.8
21..	57.55	57.40	25.4	25.6	95	93	WNW 3	NNE 1	10	10	29.2	57.12	56.24	26.7	30.5	91	79	SW 2	SW 2	10	10	1.3
22..	57.13	56.10	24.4	30.2	95	75	SSW 1	SSW 2	8	10	7.6	57.59	57.30	26.2	28.8	87	87	SW 2	SW 2	10	10	74.4
23..	55.45	54.79	25.9	31.7	91	70	SSW 3	SW 3	10	5	20.8	58.77	58.18	25.9	27.7	93	84	SW 1	SW 1	10	10	6.6
24..	55.95	56.18	25.3	26.7	95	89	SSW 3	SSW 3	10	10	15.7	59.48	58.51	26.7	31.1	83	72	SW 2	SW 2	10	10	------
25..	56.29	56.29	26.9	28.1	84	85	SSW 4	SSW 4	10	10	15.3	58.88	57.91	26.3	30.7	87	74	SW 1	SW 2	10	10	------
26..	56.77	56.56	26.6	31.2	86	73	SSW 3	SSW 3	10	10	17.1	57.39	56.59	27	32	88	72	SW 2	SW 3	10	10	------
27..	57.94	57.70	26.4	28.5	86	78	SSW 3	S 2	10	10	------	56.78	56.38	27.4	32.2	84	76?	SW 3	SW 3	10	10	------
28..	58.93	58.45	25.7	31.1	93	71	SSE 1	SSW 2	10	10	------	58.48	57.86	27.2	31.3	84	74	SW 2	SW 3	10	10	------
29..	59.38	58.96	24.6	31.7	94	69	SSE 1	SSE 2	10	8	------	59.36	58.59	27.1	30.7	89	76	SW 2	SW 2	10	10	3.6
30..	59.43	57.65	24.9	30.9	94	72	SSW 1	SSW 1	10	10	13.5	59.05	58.50	25.6	32.5	89	73	SW 2	SW 2	10	10	4.8
31..	59.53	58.10	23.9	29.4	94	72	SSE 3	SSW 2	10	9	1	57.58	56.73	27.4	32.6	87	73	SW 2	SW 3	10	10	1.1
Mean	57.57	56.99	26	29.7	91.5	78.4	2.2	2.4	9.8	9.5	------	57.86	57.25	25.6	30	91.5	77.5	1.8	2.1	10	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	377.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	512.5

CUYO.

[φ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

Day.	SEPTEMBER.												OCTOBER.												
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.85	56.73	27.6	32.2	85	73?	SW 3	SW 3	10	10	7.4	59.57	58.29	24.6	31.4	97	68	WSW 1	S 1	10	10	------
2	56.82	57.13	26.7	32.3	91	74?	SW 2	SW 2	10	10	20.6	59.41	58.62	24.1	31.3	95	69	SSW 1	SSW 1	10	10	------
3	56.23	55.40	26.9	30.3	90	72	SW 3	SW 2	10	10	2.5	59.70	58.88	25.5	31.7	94	70	NNW 1	N 2	10	8	------
4	56.31	54.50	27.2	30.6	93	77	SW 3	SW 3	10	10	5.5	59.26	58.63	26.6	32.1	90	70	NNW 1	SSW 1	10	7	------
5	55.15	54.45	26.7	32.9	93	71?	SW 2	SW 3	10	10	27.7	60.22	59.25	24.6	31.1	97	68	S 1	NW 1	10	7	20.8
6	55.26	54.79	27.3	31	86	77	SW 3	SW 3	10	10	.5	59.98	59.39	24.2	29.8	94	73	Calm	N 2	10	8	------
7	55.81	55.76	27.4	29.7	89	83	SW 3	SW 3	10	10	3.5	59.21	58.77	27.1	30.6	86	70	NNE 3	NNW 2	10	10	------
8	56.32	55.61	26.3	29.1	93	86	SW 2	SW 2	10	10	14.3	60.07	59.55	27.6	29.6	85	77	NNE 3	NNE 2	10	10	1.3
9	56.32	56.28	26.9	28.7	92	83	SW 2	SW 2	10	10	20.1	60.40	59.45	26.6	30.7	90	70	NNE 1	N 1	10	8	------
10	57.70	57.59	25.3	27.2	96	91	SW 1	SW 1	10	10	6.6	59.95	58.90	26.9	30.7	86	70	NNE 1	N 2	9	9	------
11	58.22	57.65	26.5	30.5	93	79	SW 2	SW 2	10	10	1.5	59.18	58.22	26.1	31.1	84	70	N 1	N 2	10	8	------
12	58.84	57.57	25.6	29.3	93	85	SW 2	SW 1	10	10	1.3	59.63	58.12	26.9	30.9	84	70	N 2	N 2	10	5	------
13	58.56	57.73	24.4	26.6	95	86	WSW 1	SW 2	10	10	24.9	59.90	58.96	26.6	30.6	86	72	N 3	NNE 2	10	6	------
14	58.81	58.21	23.9	30.2	96	75	SW 1	SW 1	10	10	21.3	60.62	59.38	26.7	30.3	80	69	NNE 3	NNE 3	10	6	------
15	59.66	58.70	24.3	30.2	98	76	SW 1	W 1	10	10	.8	60.41	58.87	26.2	30	82	67	NNE 3	N 3	10	10	------
16	59.02	58.11	25.1	30.6	95	77	SSE 1	SW 2	10	8	------	60	59.08	26.6	30.4	83	68	NE 2	NNE 2	10	6	------
17	58.51	57.05	25.3	31.1	95	74	SW 2	SW 1	10	9	1	60.81	59.43	26.1	30.9	85	69	NNE 1	N 2	10	6	------
18	58.25	58.24	24.7	31.2	94	73	SSW 1	SW 1	10	9	.5	60.30	59.50	27.2	30.6	76	70	NNE 3	N 3	10	5	------
19	59.79	58.69	24.5	30.4	95	75	SSW 1	SW 2	10	8	------	60.15	59.40	26.6	31.4	88	70	NNE 1	N 2	10	5	------
20	59.95	59.09	24.7	32	95	70	SSW 1	NNW 1	10	8	3	60.80	59.44	25.6	31.4	93	67	NNE 1	NNW 1	10	8	.5
21	59.23	58.45	24.6	31.6	94	71	NNW 1	WNW 1	10	10	12.2	61.24	59.95	24.2	29.3	95	76	ESE 1	NNE 2	10	7	------
22	58.52	57.65	26.4	31.3	90	73	NNW 1	NW 1	10	7	------	60.67	59.76	27.1	30.7	79	73	NE 2	NNE 8	10	7	------
23	57.53	57.20	24.2	29.7	96	75	WNW 1	NW 1	10	10	3.6	60.03	59.88	27.1	30.4	82	70	NNE 3	NNE 3	8	7	------
24	57.49	56.54	26.1	31.5	92	68	WSW 1	SW 1	10	8	------	60.57	59.54	26.7	30	77	72	NE 3	NNE 3	10	7	------
25	57.44	56.52	25.1	30.2	96	78	SW 1	SSW 1	10	10	1	60.30	59.34	27	29.3	79	68	NNE 2	NNE 2	10	10	------
26	58.17	57.22	25.2	27.3	95	86	NNW 1	S 2	10	10	14.6	60.41	58.90	25.9	30.1	88	65	NNE 1	NNE 2	10	8	------
27	58.03	57	25.1	28.4	96	80	SSW 1	S 2	10	10	.3	59.85	58.47	26.7	31	78	64	NNE 2	NNE 2	10	5	------
28	58.57	57.96	26.7	28.3	90	81	SW 1	S 2	10	10	------	60.43	59.20	24.2	31.7	92	65	ESE 1	N 1	10	7	------
29	58.30	57.71	26.6	30.9	86	78	SSW 2	S 2	10	10	------	60.43	59.06	26.8	30.7	85	64	NE 2	NNE 2	10	6	------
30	59.18	58.30	26.6	30.2	84	75	S 2	S 2	10	10	------	60.15	58.51	26.6	30.2	77	68	NE 2	NNE 2	10	9	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	60.45	59.63	26.6	31.5	83	63	NE 2	NNE 2	10	5	------
Mean	57.83	57.13	25.8	30.2	92.5	77.4	1.6	1.8	10	9.6	------	60.13	59.09	26.2	30.7	86.1	69.2	1.7	2	9.9	7.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	194.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	22.6

Day.	NOVEMBER.												DECEMBER.												
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.68	59.49	26.7	30.2	82	74	NE 2	NE 3	10	8	------	59.31	58.35	27	30.1	86	75	NNE 2	NNE 2	10	7	------
2	60.70	59.46	26.7	30.5	85	66	NNE 2	NNE 2	10	5	------	59.68	58.71	26.4	30.3	87	70	NE 2	NNE 2	10	6	------
3	59.83	58.31	26.6	30.3	80	62	NNE 2	ENE 2	10	6	------	59.51	58.54	26.7	30.4	86	73	NE 1	NNE 2	10	7	------
4	60.07	58.82	26.8	29	85	76	NNE 2	NNE 2	10	8	------	59.04	58.30	27.2	30.5	87	74	NNE 2	NNE 2	10	7	------
5	60.24	59.04	24.6	28.4	94	80	ENE 1	NNE 1	10	8	1	58.81	57.49	27.1	28.5	84	82	NNE 2	NE 1	10	10	14
6	59.23	58.20	25.9	31.4	88	69	NE 1	SW 1	10	6	------	59.24	57.79	26.6	30.1	92	74	NE 1	NE 2	10	10	------
7	58.86	57.65	26.6	31	84	63	NE 2	NNE 2	10	6	------	59.01	57.61	27.3	29.9	81	71	NE 2	NNE 2	10	7	------
8	58.94	57.45	26.9	31.3	84	61	NE 2	NNE 2	10	5	------	58.54	57.49	26.6	30.4	83	72	NE 2	NNE 2	10	7	------
9	58.98	58.10	25.7	32.9	91	58	NE 1	WSW 1	10	7	------	58.49	57.64	26.6	29.6	81	68	NE 2	NNE 3	10	8	------
10	59.01	57.47	27.5	31	80	68	NNE 3	NNE 3	10	8	------	58.69	57.45	26.4	30	85	71	NE 1	NNE 2	10	5	------
11	58.53	56.91	27.3	30.6	73	63	NNE 3	NNE 3	10	6	------	59.04	57.06	26.9	28.7	82	76	NE 2	NE 3	10	9	------
12	58.43	57.27	26.2	31.4	85	66	NE 1	NNE 2	10	7	------	57.74	57.30	26.6	30.1	86	75	NE 2	NNE 2	10	7	------
13	58.82	57.66	26.9	31.4	86	68	NE 2	NNE 2	10	6	------	58.57	58	26.9	31.2	87	68	NE 2	NNE 2	10	6	------
14	59.22	57.43	26.4	31.6	90	67	NNE 1	NNE 2	10	7	------	59.62	58.61	25.4	30.3	85	64	NE 1	N 2	10	7	------
15	58.32	57.22	26.4	31	86	64	NE 1	NNE 2	10	6	------	58.94	58.82	26.2	30.6	85	64	NE 2	N 1	10	7	------
16	58.48	56.69	26.7	30.3	78	66	NE 2	NNE 2	10	7	------	61.07	59.79	23.9	30	91	67	E 1	N 2	10	5	------
17	58.27	57.50	25.9	30.7	87	67	NE 1	NNE 2	10	6	------	60.97	60.14	26.1	29.8	86	67	NE 1	NNE 2	10	3	------
18	58.04	57.60	26.3	30.7	86	69	NE 2	N 2	10	5	------	61.21	60.32	26.4	29.9	85	71	NE 2	NNE 3	10	7	------
19	58.81	58.13	26.9	30.9	86	69	NNE 1	NNE 2	10	7	------	60.31	59.57	26.1	30	78	70	NNE 2	NNE 2	10	8	------
20	59.38	58.75	26.9	30.3	87	70	NE 1	NNE 2	10	7	------	59.86	58.80	26.4	29.4	82	74	NNE 3	NNE 3	10	7	------
21	59.78	58.59	27.3	31.1	86	71	NNE 2	NNE 2	10	7	------	59.48	57.87	26.3	30.2	88	75	NNE 2	NNE 2	10	6	------
22	59.38	58.82	27.1	30.6	86	70	NNE 2	NNE 3	10	9	------	59.28	58.37	26.3	30.4	93	76	NE 1	NNE 2	10	7	------
23	59.18	58.63	27.1	32.1	84	64	NE 2	NNW 1	10	7	------	59.82	59.19	26.7	30.4	89	68	NE 1	NNE 2	10	6	------
24	59.73	58.27	27.6	30.9	82	70	NNE 2	NNE 3	10	8	------	60.11	58.96	26.2	30.2	82	66	NNE 2	NNE 2	10	7	------
25	58.61	57.80	27.4	30.1	82	74	NNE 2	NNE 3	10	8	------	61.29	60.60	23.7	28.9	94	74	ESE 1	NNW 2	10	8	------
26	59.31	57.23	27.6	28.1	79	77	NNE 4	NNE 4	10	10	41.1	61.88	60.01	25.6	30	84	65	NNE 2	NNE 2	10	7	------
27	59.47	58.54	26.4	30.7	85	63	SE 2	E 2	10	10	------	61.45	60.20	26.6	29.4	83	76	NNE 2	NNE 2	10	7	------
28	58.99	57.17	26.6	30.1	90	67	ENE 2	N 2	10	10	------	60.80	60.02	26.1	29.2	76	68	NNE 2	NNE 2	10	6	.8
29	58.27	57.61	26.3	29	84	76	NNE 3	NNE 2	10	7	------	60.97	59.02	25.8	27.6	80	72	NNE 3	NNE 3	10	10	------
30	58.79	58.01	26.7	30.1	86	75	NNE 2	NNE 2	10	8	------	59.59	58.23	25.3	28.7	77	69	NNE 2	NNE 3	10	7	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	60.42	59.40	27.1?	29.5	82?	66	NNE 2	NNE 2	10	6	------
Mean	59.14	57.99	26.7	30.6	84.7	68.4	1.9	2.1	10	7.2	------	59.77	58.70	26.3	29.8	84.7	71	1.8	2.1	10	7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	42.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14.8

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.83 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°C.	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.17	61.01	22.7	28	96	71	Calm	N 5	1	6	18	60.84	59.55	24.6	27.5	76	63	NE 6	NE 7	7	5	------
2	62.22	61.28	25.2	28.6	86	73	ENE 8	NE 7	9	9	------	60.37	59.05	24.7	27.4	82	74	NE 5	NNE 7	6	9	------
3	62.98	62	25.7	29.4	78	66	ENE 6	NE 6	3	4	1.3	60.76	59.89	25.2	27.5	80	73	N 6	N 7	9	7	------
4	62.59	61.66	24	25.2	91	79	NE 5	NE 8	9	10	66.6	60.92	60.03	25.5	27.5	79	70	NNE 7	NE 7	7	7	4.1
5	63.66	62.66	26.1	27.8	82	69	ENE 6	NE 6	8	9	------	61.35	60.56	24.6	27.9	82	66	NE 8	NNE 7	8	5	------
6	63.31	62.09	25.5	28	76	68	NE 6	NE 6	5	6	------	61.26	60.44	24.7	27.8	74	66	NE 3	NNE 5	6	6	------
7	63.39	62.41	24.6	28	79	64	NE 5	NNE 6	5	4	------	61.29	59.71	23.8	27.5	79	66	NNE 5	NNE 7	7	7	------
8	63.81	63.05	24.2	28.2	81	67	NNE 3	NNE 7	8	5	------	61.16	60.49	24	27.8	80	69	NNE 2	N 5	7	6	------
9	64.99	64.59	25.5	26.4	72	64	NE 8	NE 8	6	9	1.5	61.42	61.01	24	27.5	87	77	N 3	NNE 5	8	9	------
10	65.14	64	24.4	27	------	------	NE 7	NNW 6	9	5	------	62	60.68	24.9	28.5	74	63	NNE 6	NNE 6	9	5	.2
11	63.48	61.88	20.9	27.4	86	63	NW 2	NNW 6	2	7	23.4	61.97	61.28	22.5	27.5	80	62	NNE 1	NNE 6	6	7	------
12	61.39	60.28	24.5	28.5	96	81	NNE 6	ENE 6	10	5	12.2	62	61.78	24.9	27.5	79	70	NNE 6	NNE 6	9	9	.5
13	61.56	60.71	25.7	28.4	84	76	ENE 5	ENE 6	6	4	------	63.04	62.66	24.5	27.2	69	59	NNE 6	NE 6	9	7	------
14	61.74	60.75	24	28.8	91	66	ENE 1	NE 5	8	7	------	63.20	62.15	23.5	26.1	86	76	NNE 1	NNE 8	9	9	3
15	62.45	61.01	24.9	27.4	84	70	NE 5	N 6	9	7	3.6	63.22	61.99	24.4	28.1	79	62	NE 7	NNE 7	7	4	------
16	62.39	61.50	25.5	28	80	70	NE 6	NNE 6	5	6	21.3	63.08	61.74	23.1	27.7	69	55	NE 1	NNE 5	1	1	------
17	62.81	61.82	23	24.8	96	89	NNE 5	NNE 6	10	9	15.5	63.07	61.73	23.8	27.6	77	66	NNE 2	NE 6	2	3	------
18	62.06	60.78	24.8	28.7	92	73	NE 5	NE 7	7	5	------	62.47	61.89	21.3	29	87	60	NNE 1	NNE 5	3	1	------
19	61.77	59.61	25.5	28	79	71	NNE 5	NNE 6	9	7	1.3	62.78	61.39	19.9	28.1	96	68	N 1	NNE 6	2	5	------
20	60.74	59.30	24.7	27.4	92	83	N 2	NE 2	10	10	11.7	62.51	61.39	23.7	27.8	69	65	NE 1	NNE 5	1	7	------
21	60.30	59.66	25	28.2	89	76	NNE 2	NE 5	10	6	------	61.66	60.53	24.3	27	78	70	NNE 2	N 5	3	8	------
22	61.06	60.26	25.2	28	83	71	NNE 3	N 6	7	6	6.4	61.41	60.16	24	29.6	77	50	N 2	NE 2	2	1	------
23	61.02	60.24	25	26.5	86	76	NE 6	NNE 6	9	10	5.9	61.82	61.03	21.1	29.7	96	63	NE 1	ENE 2	2	1	------
24	61.02	60.63	25.5	27.7	76	68	NE 7	NNE 7	7	5	------	61.75	60.25	21.6	29.5	97	61	NE 1	NE 2	3	1	------
25	60.97	59.75	24.7	27.5	74	68	NE 5	NNE 6	4	3	18.8	61.45	60.71	20.5	28.6	93	61	Calm	NE 5	2	1	------
26	60.56	60.05	24.3	27.6	91	79	NE 6	ENE 7	9	8	3.1	61.90	61.83	22.4	27.6	85	67	NNE 1	NNE 5	5	6	------
27	61.55	60.73	25.3	28.2	84	76	NE 6	NNE 6	7	5	2.8	63.25	62.54	24.3	28.4	77	63	NE 2	NNE 6	5	3	14.2
28	61.74	60.18	24.5	27.2	77	65	NNE 5	NNE 6	4	6	------	62.60	61.83	24.1	28.5	96	78	NNE 2	NE 5	7	8	19
29	61.17	59.79	23.9	27.2	79	68	N 2	N 5	6	6	12.2	------	------	------	------	------	------	------	------	------	------	------
30	60.56	59.55	24.5	27.6	89	80	NE 7	NE 7	10	8	2.8	------	------	------	------	------	------	------	------	------	------	------
31	61.54	60.40	25.4	26	80	79	NE 5	NE 7	7	9	5.1	------	------	------	------	------	------	------	------	------	------	------
Mean	62.17	61.08	24.7	27.6	84.3	72.3	4.8	6.1	7.1	6.6	------	61.95	61.01	23.6	27.9	81.5	65.8	3.2	5.5	5.4	5.3	------
Total	------	------	------	------	------	------	------	------	------	------	233.5	------	------	------	------	------	------	------	------	------	------	41

Day.	MARCH.[a]											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.56	62	24.3	27.3	93	78	NE 2	NE 6	7	9	0.3	58.90	58.71	25.6	29.6	88	69	ENE 5	ENE 7	8	5	0.5
2	62.90	61.81	24.9	28	80	68	N 3	N 6	4	7	2	59.51	59.15	25.3	26.4	88	93	NE 3	N 5	9	9	8.8
3	62.11	60.68	25.2	27.4	88	81	NNE 6	NNE 6	10	9	15	58.90	58.41	26.3	27.3	88	91	N 6	NE 5	9	10	39.9
4	59.76	58.60	25.6	28.6	88	82	NE 6	NE 7	7	7	43.2	59.93	58.96	25.7	30	94	77	ENE 2	E 5	6	5	------
5	58.97	57.73	24.7	29.4	97	79	ENE 2	E 6	8	8	3	60.19	58.98	23.9	29.7	96	71	E 1	ENE 5	2	3	2.8
6	59.70	58.20	24.5	29.7	96	67	ESE 1	ESE 3	9	4	------	59.37	58.48	25	30.1	93	75	NE 2	E 5	3	3	------
7	59.28	58.15	24.7	27.3	94	85	ESE 2	E 5	6	9	.3	60.12	59.08	24.1	30.1	95	75	E 2	ESE 5	4	5	------
8	59.56	58.55	25.5	28.6	88	73	NE 5	ENE 6	7	6	------	60.45	60.26	25.4	30.1	83	68	E 2	E 5	3	3	2.5
9	59.47	58.60	25.5	28.9	86	70	NE 5	NE 6	7	7	------	61.27	60.77	24	30.1	91	69	E 1	ENE 5	2	7	10.4
10	59.76	59.33	25.4	27.7	77	73	NE 3	NNE 5	7	7	3	60.95	60.56	25	25.6	89	88	NE 2	W 2	7	9	24.3
11	59.56	59.08	24.6	28.9	88	71	NE 2	NE 5	3	7	4.3	59.95	58.91	24.1	26.7	97	88	NNE 2	NNE 2	9	10	8.9
12	59.94	59.84	24.7	28.6	92	77	NNE 2	E 3	9	9	.3	59.55	58.55	25.6	29.6	82	69	NNE 2	NNE 6	5	4	------
13	60.71	60.47	24.7	29.4	93	74	ENE 1	E 2	9	9	.5	59.84	59.19	25.9	29.8	81	67	NE 2	ENE 5	3	2	------
14	60.97	60.59	23.6	29.2	92	70	E 1	E 5	7	4	------	60.41	59.88	24.5	29.9	94	59	NE 1	NE 3	6	5	------
15	61.95	61.06	24.9	29	72	62	N 6	N 6	3	6	1.3	61.20	60.63	23.7	29.2	91	64	Calm	NNE 5	2	2	------
16	61.09	60.51	23.2	27.7	92	78	NNE 2	NNE 6	7	5	3.6	61.25	59.48	24.1	29.4	89	65	Calm	NNE 5	4	5	------
17	61.47	61.71	25.5	28.1	87	77	NE 5	ENE 6	7	6	4.1	60.15	58.74	22.1	30	92	64	NNE 1	NNE 5	2	2	------
18	63.39	62.42	25	28.8	81	69	NE 5	NE 6	7	7	------	59.75	58.83	23.5	80.2	93	70	Calm	NE 6	4	7	1.3
19	62.64	60.83	25	27.6	83	78	NE 5	N 7	9	9	.8	60.02	59.13	24.9	30.2	92	70	NE 1	ENE 5	2	3	12.7
20	60.77	59.08	24.6	28.8	88	70	N 1	NNE 5	7	6	6.9	61.25	60.63	24.4	30	97	69	NE 1	NE 5	4	5	------
21	59.96	58.98	23.5	28.8	95	70	NE 2	NE 3	9	7	1.8	61.14	60.71	27.1	27.7	83	88	NE 5	NE 5	9	10	7.9
22	59.99	59.20	24.7	28.7	91	73	NE 2	NNE 6	7	6	.3	60.18	59.18	27	30.5	87	72	NE 5	ENE 6	4	6	12.4
23	60.39	59.33	24.2	27	91	82	NNE 1	NE 3	7	4	2.8	60.30	59.32	24	31	97	68	ESE 1	ESE 3	3	3	------
24	60.27	59.49	25.1	28.6	79	71	NE 2	NE 6	4	4	------	59.81	59.48	26.1	28.5	89	81	E 1	NE 6	4	9	.5
25	60.17	59.23	25.4	28.9	83	65	NE 3	NNE 7	5	4	1.3	59.91	59.33	27.2	30.1	86	74	NE 3	ENE 6	4	6	3.6
26	59.35	59.14	25.7	27	80	83	NNE 5	N 7	7	7	56.2	60.80	59.74	26.7	29.6	83	74	ENE 3	NE 6	3	6	.5
27	59.46	58.79	25.3	28.7	88	76	NNE 6	NE 6	7	7	41.9	59.75	59	26.8	26.9	78	86	ENE 3	ENE 5	6	9	26
28	59.93	59.92	25.9	29	82	68	NE 5	NE 8	5	5	1.3	59.60	59.08	26.8	29	79	71	NE 5	ENE 5	6	9	------
29	60.74	59.63	25.3	28.8	87	76	ENE 5	NE 7	5	6	3.5	58.91	58.10	26.2	29.8	78	69	NE 5	NE 6	9	6	------
30	60.31	59.38	25.5	28.6	82	68	NE 5	N 6	4	7	.3	59.45	58.68	23.5	30.1	91	72	Calm	NNE 3	4	7	24.1
31	58.74	57.77	25.1	27.8	89	82	N 5	N 7	9	6	20.9	------	------	------	------	------	------	------	------	------	------	------
Mean	60.51	59.68	24.9	28.4	87.2	74.1	3.4	5.6	6.7	6.6	------	60.09	59.33	25.2	29.2	88.8	73.9	2.2	4.9	4.9	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	218.9	------	------	------	------	------	------	------	------	------	------	187.1

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[a] The rainfall of the 3rd in the "Monthly Bulletin" should be 15 mm. instead of 51 mm.

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

Day.	MAY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.93	59.25	26	29.7	82	74	NE 3	ENE 6	7	7	1
2	60.54	59.74	25	30.1	91	69	ENE 1	ENE 5	4	8	4.1
3	60.86	59.15	25.1	30	93	74	ENE 2	ENE 6	9	5	16
4	59.58	57.99	26.7	30.2	82	71	ENE 3	ENE 6	5	6	------
5	58.22	56.99	26.1	30.2	85	70	NE 3	NE 5	5	6	27.9
6	58.58	57.15	26.1	29.6	91	75	NNE 3	NE 5	9	7	12
7	58.86	58.44	25.6	30.1	95	78	NE 1	ESE 5	10	9	4.3
8	59.23	57.69	26.6	30.4	90	76	ESE 1	NE 3	5	7	.3
9	57.99	56.50	25.1	30.7	94	71	Calm	E 5	4	8	9.1
10	56.51	55.74	26.6	29.4	90	77	E 2	E 5	9	8	1.8
11	57.20	57.21	25.3	27.7	91	79	ENE 1	ESE 5	10	9	12.9
12	58.27	57.99	26.1	30.2	88	74	ESE 2	NE 6	9	7	------
13	59.05	58.10	27.1	30	81	70	NE 3	NE 5	6	6	------
14	59.19	58.54	25.6	30.7	88	64	Calm	ENE 5	9	7	------
15	59.77	58.85	24	30.6	95	68	ENE 1	NE 5	8	6	------
16	60.01	58.72	25.4	28.8	91	76	SE 2	SSE 3	10	9	------
17	60.04	58.29	23.9	31	96	69	Calm	ENE 5	4	3	2
18	60.33	58.51	26	30	87	73	ESE 2	ESE 1	9	5	------
19	59.84	58.02	24.1	29.8	94	73	ESE 1	SE 3	2	6	------
20	59.32	58.07	25	31.9	96	58	ESE 1	ESE 3	5	1	------
21	59.92	59	24	30.6	94	70	ESE 4	ESE 3	4	2	------
22	61.15	59.43	24.7	31.3	94	61	ESE 2	E 3	2	1	------
23	60.51	58.55	23.6	31.6	95	63	E 2	ENE 5	2	2	------
24	58.92	57.46	25.1	32.4	92	58	ENE 2	NNE 5	7	7	------
25	57.49	57.33	23.6	31	95	63	N 2	NW 5	7	10	2
26	57.40	55.54	26.3	27.9	84	82	NW 3	W 7	10	10	19
27	54.73	53.20	26.1	29.9	88	72	W 5	NW 8	10	10	34.8
28	54.53	53.59	25.7	27.6	90	84	WNW 2	WNW 5	10	9	8.6
29	54.84	54.02	26.8	28	86	85	WNW 3	W 5	9	10	31
30	55.16	53.99	27.4	29.6	85	77	WSW 6	WSW 6	9	10	------
31	56.06	55.24	28.3	28.9	77	78	SSW 7	S 7	10	10	------
Mean	58.52	57.36	25.6	30	89.7	72	2.3	4.9	7.1	6.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	186.8

Day.	JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	56.75	57.16	27.6	29	82	81	SSE 6	SSE 7	10	10	------
2	58.27	57.61	27.4	29.2	84	79	SSE 6	SE 7	10	9	------
3	58.75	57.50	27.6	29.6	91	85	SE 5	SE 5	9	9	------
4	58.91	57.63	27.6	30	86	81	SE 3	SE 6	9	6	------
5	59.36	59.13	27.4	30.2	87	80	SE 3	SSE 5	6	6	------
6	60.74	59.31	27.4	30	85	73	ESE 3	ESE 3	5	5	------
7	60.21	58.63	24.5	29.6	96	72	Calm	NE 5	6	8	34
8	59.33	58.13	24.1	29.6	91	78	Calm	N 2	5	7	15
9	59.28	58.18	24.5	29.6	96	77	Calm	ESE 5	4	3	.3
10	59.84	58.92	25	29.4	94	76	Calm	ESE 2	6	6	8.4
11	59.92	58.43	25	30.8	97	65	Calm	E 5	3	4	------
12	59.30	57.95	25.7	31	88	68	Calm	ESE 5	2	5	------
13	59.03	57.60	24.4	31.4	96	68	ESE 1	ESE 3	2	3	------
14	59.11	57.87	24.9	30.7	94	65	Calm	ENE 5	5	1	4.3
15	58.77	56.83	26.9	30.7	85	72	NE 2	NE 5	7	6	3.5
16	57.90	56.04	25.7	29.2	94	78	NNE 3	NNE 5	9	9	11.7
17	56.35	54.70	25.7	27.6	93	84	N 2	NW 5	9	10	60.9
18	49.27	53.05	24	27.2	98	81	W 9	S 7	10	10	22.4
19	56.82	56.89	26.8	29.3	90	81	SSE 5	SE 5	9	9	------
20	58.20	57.62	26.8	31.3	94	69	SE 1	ESE 5	9	8	------
21	59.23	58.07	24.2	30.3	98	74	Calm	ESE 2	8	6	------
22	59.13	58.19	24.8	29.4	97	77	ESE 1	ESE 5	8	10	------
23	58.76	57.62	25.9	29.5	94	79	ESE 1	ESE 5	7	9	19.6
24	57.98	56.56	24.8	28.6	95	79	Calm	E 5	9	9	.8
25	57.17	56.65	24.7	28.3	97	79	Calm	Calm	10	10	------
26	57.27	56.28	24.7	28.3	95	82	Calm	W 3	10	10	------
27	55.96	55.52	27.1	26.2	85	94	WSW 5	SW 5	10	10	27.7
28	55.52	54.50	27.1	29.3	83	85	SSW 6	SSW 7	9	7	------
29	56.29	54.45	27.6	29.1	86	79	SSW 7	SSW 7	9	9	------
30	56.75	55.98	27.1	29.3	84	80	SW 6	S 5	5	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.01	57.10	25.9	29.5	91.2	77.4	2.5	4.7	7.3	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	208.6

Day.	JULY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	56.77	55.94	27.4	29.4	87	79	S 6	S 5	9	3	------
2	57.37	56.41	24.9	29.8	92	77	S 1	S 3	2	8	------
3	57.29	55.20	27.4	30.7	86	70	W 3	W 2	9	6	3
4	55.48	54.13	27.7	29.6	83	81	WSW 7	WSW 7	9	10	------
5	54.99	54.85	27.2	28.7	84	74	WSW 7	WSW 8	9	10	------
6	55.80	54.13	27.4	29.3	81	79	SSW 7	SSW 8	9	7	------
7	56.19	54.88	28.2	29.5	78	76	SSW 7	S 8	6	8	------
8	56.28	55.97	27.6	30	85	76	SSE 6	S 6	9	4	------
9	56.86	55.88	27.6	30	85	77	SW 6	SSW 6	9	7	------
10	56.49	55.63	28	31.4	80	69	WSW 7	WSW 8	7	7	------
11	57.61	56.95	28.3	29.4	81	82	SSW 8	SSW 7	10	9	------
12	58.06	57.40	27.8	29.4	87	79	S 6	S 7	9	9	------
13	57.76	57.33	27.9	29.8	82	79	SSW 7	S 6	10	7	------
14	58.58	57.47	27.8	29.3	80	76	S 5	SSW 5	9	9	------
15	58.30	57.08	27.8	29.3	84	79	SSW 6	SW 6	6	10	.3
16	57.26	56.05	27.4	29.4	81	79	W 6	W 6	9	9	------
17	56.80	56.37	27	29.8	83	75	WSW 5	SW 5	8	8	------
18	57.20	56.14	27.6	29.4	78	75	WSW 5	SW 6	7	8	1
19	57.25	55.76	25.5	29.8	93	74	Calm	WSW 5	9	9	39.9
20	57.42	55.79	24.7	27.7	97	87	W 2	SSW 6	10	10	47
21	57.37	56.23	24.8	29.1	88	81	Calm	SSW 5	9	5	5.1
22	56.55	54.90	26.4	29.3	88	79	WSW 5	SSW 6	7	6	------
23	55.31	54.09	27.2	29.5	86	81	SW 5	SSW 7	5	7	.8
24	55.89	55.56	27.7	30	81	76	SSW 7	SSE 7	7	5	------
25	56.70	56.37	28	30	82	80	S 7	SSE 6	9	8	------
26	57.33	56.54	27.6	30	84	73	S 6	S 6	8	7	------
27	57.79	57.48	27.6	30.3	87	73	SSE 5	S 5	9	5	------
28	59.10	58.21	27.5	30.2	87	74	SSE 5	SSE 3	5	2	------
29	59.59	58.58	27.4?	29.5	86?	76	SSE 5	SSE 5	6	7	------
30	59.79	58.14	27.3?	29.2	83?	76	SSE 3	SSE 5	6	3	1.8
31	60.03	58.15	25.7	29.8	80	73	SSE 3	SSE 3	9	7	------
Mean	57.26	56.25	27.2	29.6	84.5	76.9	5.1	5.7	7.9	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	98.9

Day.	AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.07	57.93	23.8	30.8	94	74	SE 1	SE 3	1	2	------
2	58.64	56.89	23.9	30.2	94	71	Calm	WNW 3	9	8	3.6
3	57.53	56.50	25.1	26.9	92	85	NW 2	WNW 5	9	8	------
4	57.11	56.66	24.7	30	94	71	NW 2	W 5	9	7	------
5	57.49	56.99	26.9	29.6	88	79	WSW 6	SW 5	8	9	8.9
6	58.04	56.93	26.9	28.2	86	83	WSW 6	SSW 7	8	9	22.1
7	58.26	57.14	26.3	28	88	79	WSW 6	WSW 5	10	10	12.2
8	57.61	56.65	26.5	29.3	84	79	WSW 6	WSW 6	10	9	------
9	57.77	56.65	27	29.5	83	76	WSW 6	WSW 7	9	9	1.3
10	57.02	55.20	27	29.7	84	71	WSW 7	WSW 8	9	9	------
11	54.51	54.27	27.4	29.2	74	72	WSW 8	WSW 8	10	10	------
12	54.91	54.43	27.8	29.6	79	79	SW 8	SSW 8	9	8	------
13	56.40	55.60	28	29.9	77	73	S 7	S 7	9	8	------
14	57.35	56.58	27.8	29.7	82	75	S 7	S 6	6	8	------
15	57.78	56.63	25.2	29.3	97	77	Calm	NE 3	9	9	16
16	57.09	56.03	23.6	29.6	96	77	NE 2	W 6	4	7	------
17	57.51	56.70	26.3	28.5	90	83	W 5	Calm	8	9	15.8
18	57.57	56.53	26.5	29.6	90	77	W 5	WSW 3	6	8	------
19	57.40	56.38	27.6	30.3	87	76	WSW 5	SW 6	9	7	2.3
20	57.11	56.23	28	29.5	81	78	SW 6	SSW 6	10	8	------
21	57.10	55.07	28	30	77	74	SSW 6	SSW 7	4	3	------
22	57.29	56.27	27.9	30.3	83	76	SSW 8	SSW 7	6	1	------
23	58.70	57.89	28	30.4	81	76	S 7	S 7	5	7	------
24	59.08	57.97	27.7	29.5	82	79	SSE 6	S 6	6	5	------
25	58.23	57.32	27.8	30.7	79	69	SSW 6	SSW 5	8	8	------
26	57.23	55.44	27.6	30	73	75	SW 7	SSW 7	6	5	------
27	56.65	55.62	27.7	30.5	83	75	SSW 8	S 8	2	1	------
28	58.09	56.88	27.9	29.9	79	79	SSW 8	S 8	7	2	------
29	58.79	57.39	28	29.8	77	79	SSW 7	S 8	8	1	------
30	58.60	56.91	28	32	75	63	SSW 7	WSW 8	8	2	------
31	56.64	56.34	28	30	76	80	SW 8	SSW 8	8	9	------
Mean	57.50	56.45	26.9	29.7	84	76.1	5.6	6	7.3	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	82.2

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.73	55.17	28.2	30.2	78	81	SW 8	SSW 8	9	9	------
2	56.05	54.68	28.4	31.1	78	68	SW 8	SW 8	9	9	------
3	55.66	53.97	28.3	29.9	73	79	WSW 9	SW 8	9	9	------
4	55.60	54.72	28.3	31	84	72	SW 8	SW 8	9	7	------
5	55.85	54.32	28	29.1	82	82	SSW 8	S 8	9	8	------
6	55.86	54.12	27	30.2	87	77	SSW 8	SSW 8	9	2	------
7	55.30	54.40	27.9	29.8	86	82	S 8	S 8	6	6	10.4
8	56.31	54.91	27.8	30	82	83	SW 7	SSW 7	9	7	.5
9	56.46	55.32	27.9	29.7	84	82	SSW 8	SSW 8	9	7	3.3
10	57.25	56.63	27.9	30.4	68	77	SSW 7	SSW 7	8	5	------
11	58.05	57.06	28	30.6	82	81	SW 7	SSW 6	7	7	31.7
12	57.97	56.38	27.4	31.3	87	73	SSW 6	WSW 7	9	7	------
13	58.14	57.24	27.3	29.9	87	79	WSW 6	SSW 6	10	9	------
14	58.62	57.58	27.2	30.3	79	68	SSW 6	SSW 5	7	9	------
15	59.55	57.71	27.6	30.2	87	80	S 5	S 5	5	1	------
16	58.87	57.27	24.7	30.6	97	78	S 1	S 3	5	1	.8
17	58.50	56.60	27.1	30.5	91	75	S 1	S 3	7	1	63.5
18	58.74	57.77	23.4	30.4	97	81	N 1	SSW 3	7	2	.3
19	59.44	58.47	26.4	30.1	89	79	SW 3	SW 2	7	5	------
20	59.41	58.50	27.4?	30.1	91?	73	SW 4	W 2	4	9	2.5
21	58.66	57.60	24.5	28.1	96	82	NW 2	WNW 3	10	9	5.3
22	56.93	56.24	25.5	25.5	89	90	NW 2	W 5	7	10	11.7
23	56.66	55.40	26.2	29.7	87	83	W 3	SW 7	6	7	2.8
24	57.32	56.02	26.9	29.7	87	82	WSW 5	SSW 6	7	9	20.8
25	58.02	56.32	26.7	29.7	87	80	WSW 3	SSW 5	9	7	5.6
26	58	56.72	26.5?	29.5	87?	77	WSW 6	S 3	5	6	------
27	58.06	56.33	27.6	30.7	80	71	SW 6	WSW 6	7	6	------
28	58.43	57.21	28.1	30.5	80	78	S 6	S 6	10	5	------
29	58.85	57.55	27.6	30.2	84	78	SSE 3	S 3	6	5	------
30	59.14	57.77	27.4	30.7	88	72	S 2	S 1	4	2	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.61	56.33	27.1	30	85.1	78.1	5.2	5.5	7.5	6.2	------
Total	------	------	------	------	------	------	------	------	------	------	159.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.77	58	25	31.2	98	70	Calm	SE 4	5	2	------
2	59.59	58.30	23.6	31.4	98	81	Calm	ESE 3	3	2	2.8
3	59.98	59.08	26.2	30.5	89	74	ESE 2	E 4	6	6	------
4	60.29	59.03	24.2	30.4	95	64	Calm	ENE 2	5	8	1
5	60.45	59.25	24.1	29.2	97	79	Calm	NE 2	5	6	1.5
6	60.19	59.14	23.6	29.8	97	71	Calm	ENE 4	3	3	------
7	59.17	58.55	26.1	30.3	93	77	NE 3	NE 5	2	7	30
8	60.33	59.07	25.4	29.6	96	76	Calm	ENE 5	7	3	8.4
9	60.40	59.28	24.7	25.1	96	96	ENE 2	NE 2	9	9	91.7
10	60.21	58.84	24.2	29.4	97	79	NNE 2	NNE 4	9	7	.3
11	58.97	57.74	23.3	29.7	97	77	Calm	N 2	6	6	42.7
12	59.24	58.06	24.6	29.1	96	67	N 1	N 4	9	2	.3
13	60.09	59.20	24.4	29	93	70	N 2	N 3	7	3	------
14	60.97	59.74	24.8	29	87	66	NNE 2	N 4	8	5	------
15	60.63	59.27	25	29.3	88	79	Calm	NNE 3	3	5	------
16	60.54	59.44	22.9	29.3	92	72	Calm	NNE 3	2	5	------
17	61.15	59.95	23.7	30	95	72	Calm	NE 3	3	6	------
18	61.04	60	25.6	30	89	71	Calm	NE 2	5	4	7.1
19	60.64	59.58	24.1	30	97	71	Calm	ENE 2	7	7	1.8
20	61.17	60.33	24.7	28.1	97	82	ESE 2	E 3	9	3	37.6
21	61.54	60.78	23.9	28.9	97	72	Calm	ENE 3	7	4	.8
22	61.28	60.09	22.6	29.4	97	75	Calm	ENE 3	2	5	3.3
23	60.66	59.95	25.3	29.8	91	71	ENE 2	NE 4	8	7	5.3
24	61	59.89	26.6	29.5	83	74	ENE 4	ENE 5	5	6	46.5
25	61.20	60.06	25.4	26.6	93	94	ENE 5	S 2	10	10	35
26	60.98	59.84	26.1	26.2	88	88	NE 2	NE 2	9	9	23.9
27	60.51	59.44	26.1	28.7	79	77	ENE 3	ENE 2	5	9	------
28	61.45	60.20	24.6	29.6	88	74	ENE 1	ENE 3	3	5	4.6
29	61.11	59.82	26.6	29.3	83	70	ENE 2	ENE 4	3	3	------
30	60.65	59.50	26.1	29.6	85	72	ENE 2	ENE 4	6	5	.5
31	60.82	59.64	24.7	29.2	88	77	Calm	NE 3	3	7	5.1
Mean	60.52	59.39	24.8	29.3	92.2	75.4	1.2	3.2	5.6	5.5	------
Total	------	------	------	------	------	------	------	------	------	------	350.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.36	60.49	25.6	29.7	93	77	E 1	ENE 2	5	7	7.1
2	61.20	59.84	24.3	29	93	72	NE 1	NE 3	8	3	4.9
3	60.11	59.08	25.2	25.2	94	95	NE 2	E 1	9	10	25.7
4	60.46	59.04	24.6	29.5	96	76	Calm	E 2	10	9	6.6
5	60.99	59.45	25	29.2	96	76	W 1	ENE 2	9	7	3.3
6	60.07	58.86	25.2	29.4	88	72	NE 1	ENE 1	3	5	------
7	59.67	58.24	22.9	29.7	97	77	Calm	NE 2	4	7	------
8	59.39	58.33	24	30	97	73	Calm	ENE 3	5	5	------
9	59.42	58.25	23.7	29.5	98	76	Calm	ENE 2	6	5	8.9
10	59.46	58.21	25.6	30.2	91	75	ENE 1	ENE 3	6	6	3.3
11	58.86	57.60	26.2	28.2	82	80	NE 3	NE 3	4	8	.6
12	58.96	57.88	25	30.2	92	72	Calm	ENE 2	7	3	30
13	59.33	58.22	24.7	29.5	97	76	S 1	E 1	10	6	32.7
14	59.76	58.14	25.3	30.4	93	76	NE 1	E 2	4	5	2.5
15	59.08	58.23	26.1	27.8	82	82	ENE 1	ENE 3	3	6	2
16	59	57.30	25.9	29.6	85	71	NE 2	NE 2	1	3	1.3
17	58.37	57.63	26.1	28.5	89	81	ENE 1	ENE 3	3	5	8.9
18	58.97	57.94	24.8	29	93	76	ENE 1	ENE 2	3	5	1.8
19	59.72	59	24.7	29.4	96	79	Calm	ENE 3	7	5	3
20	59.95	59.14	26.1	30.6	90	72	E 2	ENE 2	2	4	------
21	60.22	59.15	24.4	30.1	97	75	Calm	E 2	5	5	1.3
22	60.03	59.17	26.6	29.2	86	76	NE 2	NE 4	5	6	------
23	60.24	59.39	26.7	30.1	81	69	NE 3	ENE 4	4	7	2.5
24	59.74	58.37	25.5	30.5	95	76	Calm	E 2	7	7	10.4
25	58.88	58.19	24	29	97	78	Calm	NE 3	7	7	8.4
26	57.10	58.58	25.9	27.9	93	79	NE 6	ENE 5	10	8	4.1
27	60.38	59.10	25.5	30	91	79	E 1	ENE 4	4	6	3.8
28	60.47	58.14	24.3	28.4	96	79	NE 1	NE 4	8	7	1.8
29	59.24	58.44	24.1	29.6	97	74	ENE 3	ENE 4	10	5	1.8
30	59.51	58.78	26.2	28.7	86	80	ENE 3	ENE 4	7	9	1.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.66	58.61	25.1	29.3	92	76.6	1.3	2.7	5.9	6	------
Total	------	------	------	------	------	------	------	------	------	------	178

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.79	58.69	25.2	28.8	92	78	ENE 1	NE 4	3	5	11.4
2	60.19	58.91	25.9	29.3	93	79	ENE 3	ENE 4	6	5	5.1
3	59.97	58.44	25.1	29.4	98	76	ENE 1	ENE 4	3	7	.8
4	59.07	58.26	24.5	29.2	97	80	Calm	NE 2	3	7	3.3
5	58.85	57.91	25.7	29.3	87	79	NE 2	ENE 3	5	9	9.2
6	60.15	58.35	23.7	29.4	97	79	Calm	E 3	6	7	15.7
7	59.49	58.35	25.8	28.5	89	80	ENE 2	NE 4	5	7	24.6
8	59.16	57.96	23.7	28.7	97	76	Calm	NE 3	7	6	17.5
9	58.97	58.11	24.8	28.8	91	74	NE 4	NE 4	7	7	3.8
10	59.14	58.13	25.2	29	92	71	ENE 2	ENE 5	9	6	52.8
11	59.16	57.79	24.5	30.1	95	72	ENE 3	ENE 6	10	8	4.9
12	58.96	58.20	25	29.9	92	77	NE 1	ENE 4	6	6	.5
13	59.93	59.05	26	28.5	80	73	ENE 2	NE 4	4	5	------
14	60.29	59.34	25.9	28.5	70	74	ENE 3	ENE 4	1	5	2.8
15	60.15	59.52	24.7	28.7	76	69	ENE 2	ENE 3	1	5	.3
16	61.10	60.66	24.1	27.8	93	81	NE 1	ENE 4	9	9	2.8
17	61.70	60.72	25.5	28.7	80	68	ENE 3	NE 4	4	2	------
18	61.05	59.68	25.7	29.3	79	70	NE 3	N 4	5	3	------
19	59.77	59.10	24.7	29.5	88	74	N 2	NNW 4	7	5	8.2
20	59.32	58.08	25.1	30	97	77	Calm	N 4	10	7	6.6
21	59.90	58.21	25.9	30.2	89	77	SE 2	S 3	6	4	------
22	59.97	58.78	23.8	29.3	92	71	E 1	ESE 3	3	4	.3
23	60.29	59.78	23.5	28.1	96	72	Calm	ENE 3	4	1	23.4
24	60.91	60.28	24.5	28.5	94	70	ENE 3	ENE 5	9	7	3.6
25	62.15	60.93	25.4	29.3	70	60	ENE 3	E 4	1	2	18.8
26	61.86	60.55	24.5	27	94	84	Calm	NE 3	7	9	8.6
27	62.06	60.88	25.6	28.5	73	70	ENE 4	NE 3	1	2	2.8
28	61.46	60.03	25.3	28.9	76	61	ENE 4	ENE 4	6	7	1
29	60.60	58.72	23.5	28.4	90	71	NE 1	NE 5	7	6	6.9
30	59.71	59.13	25.8	28.3	78	66	NE 4	NE 5	9	4	------
31	60.81	60.03	25.7	28.4	78	66	ENE 3	NE 5	7	4	.5
Mean	60.19	59.12	25	28.9	87.5	73.4	1.9	3.9	5.5	5.5	------
Total	------	------	------	------	------	------	------	------	------	------	236.2

BORONGAN.

[φ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.78	61.47	22.1	28.8	98	71	NE 1	NE 4	9	9	17.8	61.35	60.17	20.7	28.2	95	65	Calm	NE 3	7	9	------
2	63.11	61.82	26.1	28.1	95	85	ENE 4	ENE 4	10	10	4.3	61.01	59.77	20.3	28.1	96	70	Calm	ENE 3	6	6	------
3	63.71	62.52	26.1	28.5	79	74	E 4	E 3	8	6	47.7	61.55	60.53	24.5	27	79	80	ENE 2	NE 4	9	9	------
4	63.52	62.59	23.5	25.4	96	80	ENE 5	ENE 4	10	10	56.9	61.60	60.72	25.5	28.8	79	68	NE 4	ENE 4	7	7	------
5	64.37	62.99	25.4	28.4	96	75	E 3	E 3	10	9	1	61.97	61.01	25.6	28	81	60	NE 4	NE 3	5	5	------
6	64.04	62.63	25.6	29.3	77	64	E 3	E 3	8	7	------	61.99	60.38	20.1	28.6	94	66	Calm	NE 4	9	5	1.5
7	63.99	62.82	19.9	28.2	96	62	Calm	E 3	8	5	1.3	61.93	60.21	20	28.6	95	59	Calm	ENE 3	9	9	1
8	64.64	63.80	21.2	25	97	83	Calm	NW 1	4	10	4.8	61.90	60.88	20.6	28.5	95	64	Calm	ENE 3	9	6	5.3
9	66.18	65.56	25.6	25.5	79	72	ENE 5	NE 5	10	10	3.5	62.20	61.39	22.6	28	97	71	Calm	NE 3	10	9	20.8
10	66.08	64.57	21.1	27.8	92	54	Calm	NE 4	10	5	1	62.63	61.18	22.4	28	92	67	Calm	NNE 3	8	5	------
11	64.30	62.24	18.4	28.5	96	76	Calm	NE 4	2	7	34.8	62.61	61.68	19.4	28	96	68	Calm	NE 3	5	9	1.8
12	62.20	60.77	24.1	26.5	95	90	NE 3	E 4	10	10	86.4	62.83	62.34	24.4	27.2	82	68	NE 3	NE 4	10	9	1
13	62.25	61.21	25.4	28.8	84	71	E 2	E 2	8	6	6.1	63.78	63.19	24.4	27.6	98	69	N 3	NE 3	8	9	5.3
14	62.22	61.17	22.5	29.4	96	68	Calm	E 2	10	7	5.1	63.74	62.90	21.3	22.5	95	91	ENE 3	E 4	10	10	16.5
15	62.98	61.56	21.5	28.7	96	64	Calm	NNE 3	8	5	5.8	63.94	62.69	25	28.2	76	59	NE 4	NE 4	7	6	------
16	63.12	62.27	24	27.8	85	68	NE 3	ENE 3	9	10	4.4	63.64	62.24	18.5	27.9	96	59	Calm	ENE 3	8	5	.5
17	63.60	62.20	23.9	26	90	85	NE 1	E 3	10	10	7.9	63.69	62.23	20.5	29	95	63	Calm	ENE 4	8	7	------
18	63.14	61.51	23.9	27.7	91	73	Calm	E 3	10	10	------	63.08	62.21	18.8	28.4	97	59	Calm	ENE 3	4	2	------
19	62.45	60.37	21.6	28.6	98	62	Calm	ENE 4	10	7	26.4	63.27	61.94	18.6	28.9	96	65	Calm	NE 3	0	7	------
20	61.38	59.87	24.6	26	94	88	E 5	Calm	10	10	14.5	63.06	61.76	19.8	28.4	97	64	Calm	NE 3	0	5	------
21	61.13	60.23	23	27.1	91	78	Calm	E 2	10	10	2.8	62.46	61.01	20.5	28.5	95	62	Calm	NE 3	6	6	------
22	61.91	60.81	21.9	27.6	96	72	Calm	ENE 4	8	7	2	61.96	60.31	19.1	28.6	95	70	Calm	NE 3	5	2	------
23	62.03	60.76	23.9	25.6	92	83	NE 5	NE 4	10	10	9.1	62.32	61.21	18.7	28.6	95	66	Calm	NE 3	0	4	------
24	61.89	61.22	25.4	27.5	77	63	NNE 3	NNE 4	8	8	.3	62.25	60.56	20	29.1	95	68	Calm	NE 3	3	4	------
25	61.84	60.62	20.5	27.8	94	65	Calm	NE 4	7	8	12.7	62.03	61.06	19.5	28.4	95	61	Calm	NE 3	4	3	------
26	61.55	60.87	23.3	25.5	94	88	Calm	NE 3	10	10	9.9	62.02	62.12	18.1	29	98	59	Calm	ENE 4	7	7	------
27	62.35	61.56	25.2	28.2	83	72	ENE 4	ENE 4	10	8	.5	63.86	62.86	20.8	28.6	94	60	Calm	NE 3	7	8	1.5
28	62.31	60.73	21.3	28.1	92	70	Calm	ENE 4	7	5	------	63.24	62.21	24.4	27.2	90	78	E 3	E 3	10	10	17.2
29	61.81	60.22	19.7	28.8	97	59	Calm	NE 3	8	5	3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	61.44	60.37	24.7	27.8	87	74	ENE 3	NE 4	10	10	3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	62.20	60.84	25.5	27.8	79	78	E 3	NE 4	8	10	2.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.95	61.68	23.3	27.6	90.7	73.1	1.8	3.3	8.7	8.2	------	62.57	61.46	21.2	28.1	92.4	66.4	0.9	3.3	6.5	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	375.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	72.4

	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.18	62.56	23.5	28.6	95	66	ENE 4	ENE 4	9	9	0.3	59.39	59.21	26.3	29.6	86	70	E 3	E 3	8	6	------
2	63.43	62.32	20.9	29.3	95	62	Calm	NE 3	6	8	2.8	60.07	59.48	22.1	28.9	96	74	Calm	NE 4	9	9	3.8
3	62.92	61.26	23.6	27.4	94	89	NE 2	NE 4	10	10	19.6	59.79	59.22	24.8	28.4	96	82	Calm	NE 3	10	10	6.6
4	60.43	59.24	25.1	28	95	86	ENE 4	ENE 3	10	10	39.6	60.52	59.22	25.4	29.8	93	77	Calm	ENE 3	10	5	3
5	59.30	58.20	25.8	28.4	89	77	ENE 2	E 3	10	9	9.1	61.08	59.50	24.4	29.8	97	69	Calm	ENE 3	10	6	.3
6	60.29	58.53	24	29	96	74	Calm	SE 3	10	9	4.6	59.61	58.78	23.6	30.4	95	72	Calm	E 3	5	5	------
7	59.76	58.48	23	29.3	96	76	Calm	E 3	8	9	6.3	60.63	59.10	23.6	30.1	96	70	Calm	E 3	8	6	------
8	60.18	58.98	25.6	28.4	98	85	E 3	E 3	9	9	------	60.78	60.33	23.4	30.1	97	66	Calm	E 3	6	1	------
9	60.06	59.17	26.1	29.1	82	69	ESE 3	ESE 3	7	7	------	61.59	61.25	23.1	29.6	95	77	Calm	E 3	10	8	1.8
10	60.48	59.62	23.5	29.1	91	66	Calm	E 3	9	8	------	61.28	60.03	24	28.4	96	76	Calm	NE 2	10	10	34.5
11	60.15	59.48	21.1	28.9	96	78	Calm	E 3	6	6	3.3	60.58	59.39	23.8	29.8	97	71	Calm	NE 3	10	8	14.5
12	60.73	60.32	23.5	28.4	96	78	Calm	E 2	9	10	19.6	60.17	58.81	23.1	29.1	95	69	Calm	NE 3	7	6	------
13	61.54	60.94	23.5	26.8	96	78	Calm	E 3	10	10	.8	60.24	59.58	23.2	29.5	95	64	Calm	NE 3	7	5	------
14	61.45	60.63	22	29.4	96	72	Calm	E 3	9	4	------	60.79	60.16	23.5	29.7	96	67	ENE 2	ENE 3	9	7	------
15	62.89	61.33	20.6	28.8	96	56	Calm	NE 3	4	4	------	61.70	60.91	22.6	29.8	95	63	Calm	ENE 3	2	3	------
16	61.71	60.93	20.5	28.7	95	71	Calm	NE 3	9	9	10.7	61.88	59.77	21.5	29.4	95	76	Calm	ENE 3	5	4	------
17	62.05	62.42	25.6	28.9	87	69	E 3	E 4	8	8	3.1	60.50	59.04	22.6	29.7	95	64	Calm	E 2	6	3	------
18	64.22	62.81	24.6	28.7	82	69	E 3	E 3	10	7	.3	60.27	59.32	22	30.3	96	68	Calm	ENE 3	3	5	1.3
19	63.37	61.66	23	25.8	96	84	Calm	NE 2	9	10	19.8	60.49	59.51	23.8	30.4	97	70	Calm	ENE 3	8	5	4.3
20	61.34	59.57	23	29.2	96	72	NE 1	NE 2	10	5	2.5	61.71	61.17	24.9	30.5	97	68	Calm	E 3	8	5	------
21	60.49	59.38	21.5	28.7	97	74	Calm	NE 2	8	9	5.8	62	61.12	24.4	26.6	95	91	Calm	NNE 3	10	10	24.6
22	60.59	59.65	22.9	29.2	97	71	Calm	NE 3	8	5	4.8	60.58	59.76	27.1	30.4	87	72	E 3	E 3	8	8	.5
23	60.93	59.61	22.2	28.6	98	78	Calm	E 3	8	7	------	60.67	59.66	24	29.9	97	81	Calm	E 3	8	5	1.3
24	60.68	59.85	23.5	29.9	89	68	Calm	ENE 3	5	7	------	60.32	59.96	24	27.8	96	84	Calm	E 2	9	10	28.5
25	60.74	59.90	22.6	29.1	95	77	Calm	ENE 3	7	7	------	60.24	59.83	27.6?	30.6	83	72	E 3	E 3	9	7	.8
26	60.15	59.71	22.1	29	95	64	Calm	NNE 4	7	9	7.9	61.19	60.23	25.8	28.8	94	79	E 2	E 2	7	6	1
27	60.10	59.45	24.8	26.9	92	86	NNE 3	NE 3	10	10	17.2	60.11	59.51	25.6	30.5	95	70	NNE 3	ENE 2	8	7	19
28	60.65	60.51	23.8	28.8	92	73	NE 2	ENE 4	10	10	8.4	60.25	59.36	24.8	29.7	91	70	Calm	ENE 1	10	9	------
29	61.74	60.25	23.7	28.9	96	71	Calm	NE 3	10	8	4.3	59.33	58.71	22.3	30.1	96	64	Calm	NE 3	9	6	------
30	60.88	59.90	23.4	29.1	95	63	Calm	NE 3	8	1	1.5	59.93	59.01	22	30	96	71	Calm	ENE 3	6	6	.8
31	59.32	58.48	23.5	26.9	96	89	Calm	NE 3	9	10	24.1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.15	60.17	23.3	28.6	93.8	73.9	1	3	8.5	7.9	------	60.59	59.70	24	29.6	94.5	72.2	0.5	2.8	7.8	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	216.4	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	146.6

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, −1.81 mm.]

Day.	MAY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.57	59.67	26.2	30.4	79	70	ENE 2	ENE 3	10	5	1.5
2	61.18	60.23	23.1	30.3	95	72	Calm	ENE 3	3	5	------
3	61.19	59.62	24.6	29.6	95	77	Calm	ENE 3	8	7	10.9
4	60.03	58.37	24	30.4	97	71	Calm	E 3	7	8	2.8
5	58.76	57.28	23.6	30.4	95	66	Calm	E 1	9	5	------
6	59.29	57.70	24.4	30.5	92	68	Calm	E 3	9	8	16
7	59.21	58.69	24.5	(a)	96	------	Calm	ESE 2	10	10	7.6
8	59.82	58.36	------	------	------	------	Calm	ESE 2	8	9	7.1
9	58.28	56.88	------	------	------	------	Calm	E 3	5	9	11.9
10	56.91	56.01	26.4	30.4	93	78	E 3	E 3	10	10	4.9
11	57.75	57.25	23.9	30.7	97	74	Calm	E 2	9	9	------
12	59	58.35	23.9	31	97	75	Calm	E 2	7	7	------
13	59.58	58.55	24.6	31.2	97	71	Calm	ENE 2	8	7	17
14	59.87	58.92	24.6	30.5	98	70	Calm	ENE 2	9	8	.3
15	60.38	59.10	23.5	30.5	97	73	Calm	ENE 2	9	5	4.6
16	60.27	58.71	24.5	30.6	97	73	Calm	ENE 3	9	8	------
17	60.47	58.51	24.6	30.5	98	72	Calm	ENE 3	4	5	24.9
18	60.70	58.75	24	30.5	97	70	Calm	E 2	8	4	------
19	60.17	58.16	24.5	31	96	71	Calm	E 3	1	6	6.1
20	59.65	58.26	24.2	30.9	97	71	Calm	E 3	4	5	------
21	60.28	59.15	24.4	31	97	69	Calm	E 2	6	5	------
22	61.63	59.81	24.2	30.8	97	72	Calm	ENE 3	1	4	------
23	60.95	58.66	24.2	31.1	94	73	Calm	NE 3	5	5	------
24	59.31	57.53	23.3	30.9	97	71	Calm	E 3	9	8	------
25	57.60	57.36	23	28.5	97	88	Calm	WNW 2	9	10	8.9
26	57.80	56.32	24.5	27.9	95	83	Calm	NW 1	10	10	10.4
27	55.38	53.61	25.5	30	92	75	NW 1	Calm	10	10	20.1
28	54.70	53.75	25.7	29.5	90	75	Calm	NW 3	10	10	4.3
29	55.10	54.36	24.9	27.9	97	78	Calm	NW 3	10	10	8.9
30	54.98	53.84	25.8	30.9	91	78	WNW 2	W 3	10	10	.3
31	55.85	54.71	26.3	29	86	71	Calm	SW 1	10	10	1.3
Mean	58.92	57.63	24.5	30.2	94.7	73.6	0.3	2.4	7.6	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	169.8

Day.	JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.68	56.92	26	30.8	94	67	SW 2	SSW 2	10	10	36.1
2	58.53	57.48	23.7	30.9	98	74	Calm	SSW 3	10	10	------
3	58.84	57.52	25	29.6	98	79	Calm	SSE 2	10	10	------
4	59.11	57.83	24.9	27.7	99	92	Calm	Calm	8	9	5.3
5	59.73	58.78	24.8	29.5	99	81	Calm	SE 4	8	7	8.6
6	61.32	59.55	24.1	30.3	98	76	Calm	SE 3	7	7	------
7	60.63	59.02	24	29.7	99	77	Calm	ESE 3	10	9	2.3
8	60.07	58.41	24	30.4	98	76	Calm	ENE 3	10	5	5.1
9	59.69	58.43	24.6	29.2	99	78	Calm	E 2	10	9	------
10	60.10	59.15	23.8	30.8	97	76	Calm	E 3	8	6	1.8
11	60.42	58.91	23.8	30.5	98	70	Calm	E 3	8	5	------
12	59.53	58.26	23.6	30.6	98	74	Calm	ESE 3	5	5	------
13	59.55	57.63	23.4	31	97	72	Calm	E 3	2	4	.3
14	59.50	58.15	23.6	31	98	72	Calm	ESE 2	5	4	.5
15	59.19	57.31	24.4	31.2	98	71	Calm	ESE 3	8	8	10.9
16	58.76	56.36	24.6	30.2	99	77	Calm	E 3	10	9	5.6
17	56.83	55.68	24.2	26.8	97	89	Calm	NE 2	9	10	47.5
18	45.09	50.86	24.5	24.5	96	91	W 6	S 7	10	10	63.5
19	56.67	56.66	24.9	29.4	92	74	Calm	Calm	10	10	1
20	58.42	57.82	24.1	28.9	99	85	Calm	SSE 3	10	10	4.3
21	59.55	58.36	24.2	30	98	76	Calm	SSE 3	7	8	------
22	59.40	58.60	23.9	30.3	96	68	Calm	SE 2	6	9	------
23	59.24	58.13	24.2	30	97	76	Calm	ENE 3	4	9	13.2
24	58.19	57.17	24.7	29	98	77	Calm	ENE 1	10	10	2.5
25	57.60	56.48	23.8	29.6	97	79	Calm	ENE 3	10	9	.3
26	57.50	56.64	24.5	29	98	74	Calm	Calm	10	10	------
27	55.88	55.11	25	26.7	96	90	Calm	W 2	10	10	2.8
28	55.45	54.09	25.6	32.3	93	59	SW 1	WSW 3	5	9	------
29	56.29	54.94	24.8	32.3	93	61	Calm	WSW 3	9	9	------
30	56.70	55.62	24.5	31.2	95	64	Calm	SW 3	9	9	20.6
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.15	57.20	24.4	29.8	97.1	75.8	0.3	2.6	8.3	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	232.2

Day.	JULY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.15	55.55	23.9	31.8	97	75?	Calm	SE 3	7	8	14.2
2	57.45	56.52	24.1	28.1	97	88	Calm	WSW 2	4	10	.5
3	57.39	55.04	24.7	28	97	99	Calm	WSW 3	9	8	------
4	55.60	54.37	26	29.2	89	74	Calm	WSW 3	10	10	.5
5	54.77	54.44	26.5	28.7	80	66	WSW 3	WSW 4	7	10	------
6	55.74	53.75	25	32	83	60	Calm	WSW 3	10	8	------
7	56.29	54.61	23.9	32	96	57	Calm	SW 3	8	8	------
8	56.50	55.79	23	31.4	96	63	Calm	WSW 1	8	9	------
9	57.19	55.54	23.5	33.4	96	56	Calm	WSW 3	7	8	------
10	56.19	55.40	27.5	31.9	78	61	WSW 3	WSW 3	7	10	------
11	57.35	56.71	24	32.6	96	62	Calm	W 2	10	10	------
12	57.84	57.22	23.5	31	96	67	Calm	SW 3	9	10	------
13	57.95	57.24	24	33.2	96	54	Calm	WSW 3	9	6	------
14	59	57.50	23.9	33	96	52	Calm	WSW 3	10	8	------
15	58.26	57	24.4	32.9	92	60	Calm	WSW 3	5	10	.5
16	57.55	55.91	25.5	29.7	92	72	Calm	W 2	10	8	------
17	56.56	55.80	25.2	32	89	55	Calm	WSW 3	8	7	------
18	57.69	55.82	23.8	31.3	95	67	Calm	SE 3	6	8	1.3
19	57.45	56	24	24.4	96	97	Calm	Calm	8	10	57.9
20	57.61	55.72	23.9	30.4	95	69	Calm	W 1	10	10	.3
21	57.58	56.18	24.7	30.5	89	72	Calm	NE 3	10	9	35.3
22	56.55	54.71	24.5	28.9	92	83	Calm	NW 1	7	8	.8
23	55.31	53.58	23.4	32.7	97	58	Calm	W 2	4	6	1.3
24	55.88	55.24	25.5	32	92	60	Calm	WSW 2	9	10	------
25	56.75	55.66	23.6	32.9	98	58	Calm	SW 3	10	8	------
26	57.40	56.11	23.4	32.4	97	58	Calm	SW 3	5	10	------
27	58.01	57.11	24	32.2	98	62	Calm	SW 2	10	10	14.2
28	59.30	57.88	23	31.4	98	72	Calm	SSE 3	9	5	------
29	59.85	58.65	23	31	97	70	Calm	SSE 3	2	8	------
30	59.89	58.25	23.6	30.4	97	72	Calm	SE 3	1	6	.3
31	60.28	58.38	23.5	30.5	98	70	Calm	SE 3	9	9	------
Mean	57.37	56.05	24.3	31	93.7	67.4	0.2	2.6	7.7	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	127.1

Day.	AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm*
1	59.45	58.10	23.5	30.8	96	69	Calm	SE 3	1	5	------
2	59.15	57.61	22.3	26.3	97	76	Calm	W 3	9	10	5.3
3	57.66	56.13	23.5	28.7	96	81	Calm	ENE 2	9	10	22.6
4	57.39	56.93	22.7	28.7	98	82	Calm	Calm	7	10	1.5
5	57.70	57.51	21.6	28.5	96	83	Calm	Calm	9	10	24.4
6	58.41	56.93	21.2	26.3	94	85	Calm	N 3	10	10	23.4
7	58.70	56.76	21.6	30.3	96	66	Calm	W 3	10	10	8.4
8	57.96	56.76	23.4	31	97	64	Calm	W 3	10	10	1.3
9	58.10	56.43	24.5	30.5	96	79	Calm	W 3	10	10	.5
10	57.13	55.26	25.2	29.5	82	72	Calm	W 4	10	10	------
11	54.51	53.91	26	29.9	79	69	Calm	WSW 3	10	10	------
12	54.47	53.66	25.3	30.6	81	65	SW 8	SW 3	10	10	------
13	56.38	55.36	24.4	31.4	92	60	Calm	SW 2	7	8	------
14	57.23	56.29	24.2	31.6	97	60	Calm	SSW 2	9	10	------
15	58.30	56.81	25	30	98	73	Calm	SSW 3	9	10	19.3
16	57.45	55.78	24.6	31.5	97	69	Calm	NE 3	8	6	------
17	57.10	56.92	23.7	25.9	96	88	Calm	WNW 2	3	9	30.4
18	57.82	56.52	22.6	30.7	98	64	Calm	SE 3	8	5	5.8
19	57.52	56.43	23	30.5	97	78	Calm	W 2	8	9	3.6
20	57.24	55.75	23	31.5	97	60	Calm	WSW 2	10	9	------
21	57.07	54.46	26.3	32.4	79	61	Calm	SW 3	10	6	------
22	57.39	56.06	23.4	31.8	95	64	Calm	SW 3	8	6	------
23	58.90	57.44	23	33.9	97	50	Calm	SW 2	5	8	------
24	59.35	57.49	22.9	34.4	97	50	Calm	WSW 3	9	9	------
25	58.30	56.91	23	33.5	95	51	Calm	WSW 3	10	8	------
26	57.30	55.01	24.2	33	94	64	Calm	W 4	10	8	------
27	56.81	55.01	23.3	32.5	93	53	Calm	SW 3	3	5	------
28	58.17	56.29	22.5	34.5	96	39	Calm	WSW 4	7	3	------
29	59.02	57.13	22.5	34.5	96	43	Calm	WSW 4	2	7	------
30	58.56	56.58	23.5	34	97	47	Calm	SW 4	9	8	------
31	56.75	56.03	22.9	33.4	96	54	Calm	W 4	7	8	------
Mean	57.67	56.27	23.5	31	94	65.1	0.1	2.8	8	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	146.5

[a] The thermometer shelter was in repair on May 7 to 9.

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.75	54.73	23.4	34.5	95	51	Calm	WSW 5	10	9	------
2	56.03	54.45	25.3	35.5	87	45	Calm	WSW 3	8	9	2
3	55.59	53.74	25.3	31.2	85	64	WSW 3	WSW 4	10	10	.8
4	55.75	54.11	25.7	31.3	90	66	WSW 2	SW 4	10	8	------
5	55.79	53.90	24	32.2	94	59	Calm	SW 4	10	9	------
6	55.84	53.45	25.2	33.9	95	56	SW 2	SW 4	9	6	------
7	55.63	54.19	24.9	31.5	92	65	Calm	SW 2	8	10	1.3
8	56.43	54.49	24.9	33	95	57	Calm	SW 3	10	9	16.3
9	56.35	54.80	25.4	33	88	63	Calm	SW 3	10	9	------
10	57.41	56.49	25	32.9	96	53	Calm	W 4	10	9	------
11	58.26	56.73	24.9	33	96	54	Calm	WSW 2	9	9	1.3
12	57.88	56.40	25	31.5	93	63	Calm	WSW 3	8	10	------
13	58.35	57.03	25.4	31.5	93	61	Calm	WSW 2	10	10	.5
14	58.94	57.71	23.2	31.3	97	57	Calm	WSW 1	8	10	------
15	59.92	57.61	22.8	31.6	96	70	Calm	SE 3	5	8	------
16	58.96	57.28	23	30.7	96	70	Calm	SE 3	5	8	------
17	58.24	56.73	24	31	96	62	Calm	SE 3	8	5	------
18	58.82	57.74	24.4	31.7	97	65	Calm	SE 3	8	5	------
19	59.89	58.77	23.7	25.1	96	85	Calm	W 2	4	6	2.5
20	59.71	59.17	23	25	97	96	Calm	W 2	2	10	6.7
21	58.90	57.51	23.1	29.5	97	76	Calm	NE 1	10	10	7.6
22	57.32	56.31	22.2	27.7	98	78	Calm	Calm	10	10	1.3
23	56.87	55.73	22.7	28.7	97	80	Calm	NE 3	10	10	1.8
24	57.43	56.11	25	29.5	93	75	Calm	ENE 1	8	10	8.4
25	58.12	56.87	23	25.7	96	88	Calm	W 1	8	9	------
26	57.97	56.88	23.5	27.7	96	87	Calm	Calm	7	10	2.6
27	58.73	56.41	24.2	31.9	94	60	Calm	W 2	9	10	.3
28	58.73	57.02	24.5	29.4	96	72	Calm	W 1	10	10	------
29	58.91	57.06	23.6	32.2	95	61	Calm	Calm	9	9	------
30	59.47	58.67	22.9	25.7	97	85	Calm	W 1	0	8	6.9
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.70	56.27	24.1	30.6	94.4	67.5	0.2	2.3	8.1	8.8	------
Total	------	------	------	------	------	------	------	------	------	------	60.3

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.14	58.18	23.2	31.5	98	64	Calm	SE 3	3	4	3
2	60.03	58.43	23.5	31	96	67	Calm	ESE 2	4	3	5.6
3	60.49	59.30	24.2	30.5	97	65	Calm	SE 3	9	6	.8
4	60.68	59.23	23.4	30.5	97	72	Calm	SE 3	5	8	1.3
5	61.15	59.68	23.5	28.8	96	75	Calm	ESE 3	8	9	.3
6	60.65	59.52	22.7	30.7	98	69	Calm	ESE 3	6	7	18.3
7	60.08	58.81	25	29.6	96	71	Calm	ENE 4	9	9	9.1
8	60.77	59.43	24.6	30.8	98	73	Calm	ENE 3	10	6	5.6
9	60.69	59.71	24.4	26.7	97	83	Calm	WNW 3	5	10	32.5
10	60.48	58.97	23.6	29.4	98	74	Calm	NE 3	6	8	.8
11	59.25	58.06	22.5	28.8	97	77	Calm	NE 4	8	8	1.3
12	59.75	58.36	23	29.8	96	63	Calm	NE 3	4	5	------
13	60.35	59.47	22	28.7	97	69	Calm	NE 4	6	9	.3
14	61.35	59.98	22.1	30	97	60	Calm	ENE 3	4	7	------
15	61.10	59.55	22.5	29.3	96	66	Calm	ENE 3	7	8	1.5
16	61	59.86	22.2	29	96	68	Calm	NE 3	9	9	------
17	61.47	60.23	21.9	30.4	97	67	Calm	NE 3	5	6	3.6
18	61.34	60.28	24.5	29.9	96	71	Calm	ENE 3	8	7	------
19	60.75	59.71	22.7	30.4	98	67	Calm	E 3	5	6	1.3
20	61.70	60.86	23.6	25.5	96	84	Calm	E 2	10	10	3.8
21	62.04	61.26	22.2	29.9	98	67	Calm	E 3	6	6	2.5
22	61.64	60.48	22.8	30	97	67	Calm	ESE 3	7	5	10.7
23	61.03	60.51	27.5	29.7	81	69	ENE 3	ENE 4	8	8	4.1
24	61.79	60.46	24	29	96	73	ENE 2	ENE 4	8	7	53.3
25	61.43	60.46	27.2?	27.3	79?	85	NE 5	NE 4	10	10	7.9
26	61.68	60	23.5	29.5	96	72	Calm	NE 3	9	6	.3
27	61.08	59.86	26.5	29.9	76	68	NE 2	E 3	6	9	------
28	61.83	60.62	23.5	30.3	96	73	Calm	E 3	10	5	1.5
29	61.57	60.13	26.7	29.8	82	69	ESE 3	ESE 4	7	7	2.5
30	61.22	59.86	23	28.2	97	79	Calm	ESE 3	9	6	14.5
31	61.49	59.90	23.1	29	98	79	Calm	ESE 3	8	8	17.3
Mean	60.97	59.71	23.7	29.5	94.6	71.2	0.5	3.2	7.1	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	203.7

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.95	60.96	23.3	28.7	97	80	Calm	E 3	9	10	10.7
2	61.68	60.30	24.1	29.4	97	68	Calm	E 3	10	6	1.6
3	60.32	59.68	23.5	25.6	97	87	Calm	E 2	7	9	27.2
4	60.72	59.33	23.5	27.7	97	79	Calm	E 2	9	10	5.1
5	61.28	59.82	22.2	27.9	98	81	Calm	E 1	5	7	6.6
6	60.50	59.18	22.3	30.1	97	69	Calm	E 3	7	5	------
7	60.14	58.51	22	30	98	71	Calm	E 3	5	5	------
8	59.69	58.63	22.5	28.7	97	77	Calm	E 3	8	8	15.5
9	59.98	58.48	23.6	30	97	71	Calm	E 3	9	4	11.9
10	60	58.38	22.9	30.2	97	75	Calm	E 3	9	6	6.6
11	59.45	57.98	24.2	27.2	93	75	Calm	E 2	6	9	2.3
12	59.47	58.25	23.3	30.2	97	72	Calm	E 3	8	5	13.5
13	59.63	58.52	24.4	29.2	97	73	Calm	E 3	10	6	16
14	60.11	58.40	26.5	30	87	73	E 1	E 3	9	5	3.8
15	59.50	58.37	23.4	29.8	97	70	Calm	E 3	5	6	2.3
16	59.42	57.46	23.5	29.5	97	74	Calm	E 2	7	8	4.8
17	58.88	57.92	26.2	30	83	67	E 3	E 3	8	7	14.8
18	59.35	58.31	23.5	30.2	97	71	Calm	E 3	8	6	11.2
19	60.28	59.69	23.2	25.8	98	91	Calm	E 2	7	10	27.9
20	60.50	59.36	23.3	29.5	98	75	Calm	E 3	9	6	4.4
21	60.72	59.38	23.2	30.5	98	75	Calm	E 3	8	6	3.8
22	60.58	59.66	24.6	29.4	95	82	Calm	ENE 3	8	8	5.9
23	60.61	59.67	27	29	78	72	E 4	E 3	6	6	2.8
24	60.32	58.70	25.2	25.3	96	93	Calm	E 2	10	10	56.6
25	59.25	58.69	23.7	27.2	98	88	Calm	NE 3	10	10	20.3
26	59.08	59.21	26.4	27.5	89	84	NE 5	ESE 6	10	10	37.5
27	61.04	59.53	23.7	28	96	84	Calm	ESE 2	8	10	7.1
28	61.03	58.59	24.2	29	94	74	Calm	E 3	10	6	28.7
29	59.69	58.87	23	28.9	97	75	Calm	ENE 3	10	10	7.7
30	59.93	59.28	26.5	28.7	80	81	ENE 1	ENE 2	10	10	19.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.17	58.97	24	28.8	94.6	76.9	0.5	2.8	8.2	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	376.1

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.24	59.12	27	29.3	83	76	E 2	E 3	7	6	5.3
2	60.68	59.28	23.6	29.2	97	73	Calm	E 3	8	7	19.9
3	60.33	58.72	23.7	28.9	98	78	Calm	ENE 3	8	5	4.1
4	59.40	58.57	24.5	29.4	96	74	Calm	E 3	5	8	25.1
5	59.48	58.48	25.4	28.4	97	80	Calm	E 3	10	10	61.8
6	60.58	58.88	23.1	29.2	95	78	Calm	E 3	10	6	10.9
7	60.15	58.68	24	29.3	97	76	Calm	E 3	8	8	42.4
8	59.67	58.33	23.7	28.9	97	71	Calm	E 3	7	6	39.1
9	59.55	58.63	24	28.3	97	79	Calm	E 3	8	7	38.1
10	59.80	58.78	24.5	29.4	96	70	E 2	E 3	10	6	41.9
11	59.77	58.98	22.9	26.8	97	87	SE 2	SE 1	10	10	37.8
12	59.80	58.63	24	29.6	96	75	Calm	E 3	10	8	8.6
13	60.53	59.52	25	29	96	66	Calm	E 3	8	6	------
14	60.76	59.83	26	26.6	76	85	E 3	Calm	4	7	6.6
15	60.58	59.83	21.9	29.5	96	66	Calm	E 2	7	7	3.8
16	62.23	61.09	23.4	27.2	97	80	Calm	E 3	10	10	9.2
17	62.24	61.10	23.3	29.4	92	68	Calm	E 3	6	2	------
18	61.59	59.88	22.2	29.8	97	66	Calm	ENE 3	5	4	------
19	59.93	59.13	23.5	30.3	96	71	Calm	N 1	10	8	1.5
20	59.84	58.01	24.9	30	94	77	Calm	NW 2	10	10	12.5
21	60.33	58.55	26.7	29.5	86	76	SE 3	SE 3	9	7	1.3
22	60.19	59	23.5	30.1	97	68	Calm	SE 2	8	3	------
23	60.69	60.03	21.7	29.2	98	72	Calm	SE 3	6	5	7.1
24	61.55	60.81	23.9	28.8	97	72	NE 3	NE 3	10	8	6.8
25	62.53	61.22	26.4	29.5	93	64	E 3	E 3	8	5	.5
26	62.38	60.96	22.9	29	97	74	Calm	E 3	8	6	3
27	62.63	61.30	26	29	96	65	E 3	E 3	5	5	1
28	61.96	60.45	26.5	29.9	76	57	E 3	E 3	9	9	18.5
29	61.29	59.32	21.2	26.4	98	86	Calm	ENE 4	10	10	22.1
30	60.24	59.53	25	27.5	83	76	Calm	ENE 3	10	9	8.9
31	61.53	60.38	21.2	28.9	98	68	Calm	ENE 3	6	6	------
Mean	60.72	59.52	24.1	28.9	93.8	73.4	0.8	2.7	8.1	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	437.8

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	64.52	62.59	23.5	24.6	-----	-----	NE 1	NNW 3	10	10	12.4
2	63.59	62.15	24	27.6	-----	-----	N 3	NE 3	9	9	8.1
3	64.32	63.32	24	25.4	-----	-----	NNE 3	N 3	10	8	17
4	64.27	63.34	23.8	25	-----	-----	NE 3	N 3	9	10	2
5	64.60	63.30	23.2	29.6	-----	-----	NE 1	NE 3	10	6	-----
6	64.57	63	23	29.6	-----	-----	NE 1	E 3	10	6	-----
7	64.53	63.27	21.2	25	-----	-----	SE 1	SE 2	9	9	4.9
8	65.02	64.12	23.6	26.5	-----	-----	NNW 3	N 3	9	9	4.9
9	66.85	65.87	23.5	27	-----	-----	N 3	N 3	9	8	1
10	66.35	65.32	23	26.6	-----	-----	NE 2	N 3	9	7	-----
11	64.85	-----	20.6	-----	-----	-----	SE 1	-----	8	-----	-----
12	63.17	61.40	24	27.5	-----	-----	NNW 3	NNW 3	10	10	15.7
13	62.98	61.20	23.8	28.2	-----	-----	NE 2	SE 3	9	8	1.5
14	62.57	61.42	23.5	27.8	-----	-----	SE 2	NNW 3	8	9	-----
15	63.59	61.70	23.5	29.6	-----	-----	N 3	ESE 3	10	6	-----
16	63.52	62.40	24	28.4	-----	-----	NNW 3	S 3	8	9	-----
17	64.17	62.50	24.5	28	-----	-----	NNW 3	NNE 3	10	6	-----
18	63.22	62.02	22.6	26.5	-----	-----	SE 1	SE 2	8	10	-----
19	62.74	60.22	24	28.6	-----	-----	SE 1	E 3	8	7	-----
20	61.49	60.17	23.5	26	-----	-----	NNW 3	SE 3	10	10	4.8
21	61.64	60.62	-----	26.2	-----	-----	SE 3	NE 3	10	10	2.3
22	62.04	60.90	-----	29	-----	-----	NNW 3	E 3	10	8	-----
23	62.09	61.07	-----	27.5	-----	-----	Calm	NNE 3	9	10	2
24	62.29	61.22	24.2	26.4	-----	-----	NNE 2	NNE 2	9	10	-----
25	-----	60.90	-----	29.5	-----	-----	-----	E 3	-----	8	-----
26	62.07	61.45	24.4	27	-----	-----	NNE 2	NE 2	10	10	-----
27	62.69	61.62	23.6	26.6	-----	-----	-----	NE 2	9	8	1.8
28	62.42	60.75	23.8	29	-----	-----	N 2	E 2	8	4	-----
29	61.99	60.67	22	29.2	-----	-----	Calm	ESE 3	8	6	-----
30	61.62	60.55	21.5	29.4	-----	-----	SE 1	NE 3	8	9	-----
31	62.39	61	24.5	29.6	-----	-----	SE 3	NE 3	9	4	-----
Mean	63.41	62	23,4	27.6	-----	-----	2	2.8	9.1	8.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	78.4

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.59	-----	23.5	-----	-----	-----	E 3	-----	7	-----	-----
2	61.32	60.02	23	30	-----	-----	SE 2	E 3	8	8	-----
3	62.19	61.07	21.8	29.6	-----	-----	SE 1	NE 3	8	4	-----
4	61.93	60.52	24.2	30	-----	-----	NE 2	NE 3	9	8	-----
5	62.12	61.27	23.8	30	-----	-----	NE 3	NE 3	8	7	-----
6	62.14	61.15	23.8	29.6	-----	-----	SE 2	NE 3	7	5	-----
7	62.04	60.37	22	30	-----	-----	SW 3	NE 3	8	8	-----
8	62.04	-----	21.2	-----	-----	-----	SE 1	-----	9	-----	-----
9	62.57	62.10	21.2	27	-----	-----	SSE 1	NNW 2	8	7	-----
10	62.57	61.24	21.5	29.4	-----	-----	SSE 1	NE 3	8	3	-----
11	62.92	62.20	21.5	26.6	-----	-----	SW 2	NNW 3	6	9	1.8
12	63.02	62.97	22.4	24.6	-----	-----	NE 1	N 3	10	10	-----
13	63.64	63.37	22.5	25	-----	-----	NE 2	NE 3	8	9	3.1
14	64.27	62.90	22	28	-----	-----	NNW 2	E 3	9	9	1.5
15	63.92	-----	23.5	-----	-----	-----	NE 2	-----	6	-----	-----
16	63.67	62.35	21.5	28.5	-----	-----	NE 1	NE 3	7	3	-----
17	63.49	62.17	21.8	29.6	-----	-----	SW 3	E 3	6	4	-----
18	62.84	62.62	22.4	29.6	-----	-----	SE 2	E 3	6	4	-----
19	63.44	62.10	21	29.6	-----	-----	SE 1	SE 3	6	4	-----
20	63.29	62.07	22.6	30.2	-----	-----	NE 2	NE 3	6	3	-----
21	62.58	61.15	21.5	30	-----	-----	SE 2	E 3	8	6	-----
22	61.99	60.40	21.5	30.2	-----	-----	SE 2	SE 3	7	3	-----
23	62.39	61.25	22.6	30.4	-----	-----	SE 1	E 3	8	6	-----
24	62.12	61.15	22.4	31	-----	-----	SE 1	NNW 3	8	6	-----
25	62.22	61.15	23.5	30.6	-----	-----	NE 1	SE 3	8	7	-----
26	62.42	61.92	22.6	30.4	-----	-----	SE 1	NE 3	8	4	-----
27	63.49	62.57	24.2	30.2	-----	-----	E 3	E 3	6	4	-----
28	63.62	62.53	25.2	29	-----	-----	NE 2	NE 3	9	10	-----
Mean	62.71	61.70	22.5	29.2	-----	-----	1.8	3	7.6	6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.4

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.57	-----	24	-----	-----	-----	NE 2	-----	9	-----	-----
2	63.79	62.37	23.4	29.5	-----	-----	NE 2	NE 3	8	6	-----
3	63.27	61.38	24.5	31.2	-----	-----	NNW 3	NNW 3	7	8	1.3
4	60.99	59.97	24.5	26.2	-----	-----	NNW 3	NNW 3	10	9	16.5
5	59.77	58.22	24.6	28.2	-----	-----	N 3	NNW 3	10	9	9.9
6	59.87	58.20	24.5	29.2	-----	-----	SE 3	NE 3	10	8	-----
7	59.74	58.42	23.8	31.5	-----	-----	NE 2	E 3	6	4	-----
8	60.24	58.75	25	31.5	-----	-----	NE 3	NE 3	7	4	-----
9	60.17	58.93	25.2	30.2	-----	-----	SE 2	E 3	6	4	-----
10	60.42	59.88	24.2	29.6	-----	-----	E 3	E 3	6	4	-----
11	60.04	59.55	23	31.2	-----	-----	SE 1	NE 3	8	4	-----
12	60.54	60.10	24.5	29.8	-----	-----	SE 1	SE 3	8	8	-----
13	61.09	60.33	23.5	31.2	-----	-----	SE 2	SE 3	8	4	-----
14	61.37	60.73	24.5	32	-----	-----	Calm	NE 3	7	4	-----
15	62.87	-----	23.2	-----	-----	-----	E 3	-----	8	-----	-----
16	61.82	60.97	24.6	30	-----	-----	NE 1	NE 3	10	6	8.1
17	62.56	62.35	25.4	29	-----	-----	NNE 3	NNW 3	9	8	15.2
18	64.34	62.98	24.6	30.6	-----	-----	NE 2	NE 3	8	8	-----
19	63.74	61.80	24	30.4	-----	-----	SE 1	NNW 3	9	8	-----
20	61.64	59.75	24.5	31	-----	-----	E 1	NNW 3	8	7	-----
21	60.39	59.35	25	31.5	-----	-----	E 2	SE 3	9	6	-----
22	60.69	59.54	25.2	32	-----	-----	NE 2	SE 3	8	6	-----
23	60.94	59.63	24.8	31.6	-----	-----	NE 1	NE 3	7	6	-----
24	60.95	60	25.2	32.4	-----	-----	E 2	NE 3	7	4	-----
25	61.12	60.12	24.2	29	-----	-----	NE 2	NNW 3	7	4	-----
26	60.84	60.10	23.5	31.5	-----	-----	NE 1	NE 3	7	6	-----
27	60.82	60.22	25.4	29.4	-----	-----	N 3	N 3	8	10	2
28	61.07	60.67	24.6	28.4	-----	-----	NE 1	N 3	8	10	.3
29	61.87	-----	23.8	-----	-----	-----	SE 1	-----	8	-----	-----
30	61.19	59.88	23.4	32.2	-----	-----	SE 1	SE 3	8	4	-----
31	59.69	58.52	23.5	30.4	-----	-----	SE 1	NNW 3	6	8	1
Mean	61.32	60.09	24.3	30.4	-----	-----	1.9	3	7.9	6.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	54.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.71	59.27	24.5	29.8	-----	-----	NE 1	E 3	10	9	-----
2	60.22	59.70	24	31	-----	-----	NE 2	NNW 3	7	4	-----
3	60.27	59.63	25.6	32.2	-----	-----	NE 1	E 3	7	9	9.9
4	60.42	59.15	25.5	32.8	-----	-----	SE 1	E 3	6	4	-----
5	60.75	59.28	25.5	32.6	-----	-----	SE 1	E 3	7	4	-----
6	60.10	58.70	25.4	33	-----	54	SE 1	NE 3	7	4	-----
7	60.47	58.95	25.8	32.6	93	60	SE 1	SE 3	8	7	-----
8	60.80	59.95	25.4	32.2	93	51	SE 1	E 3	6	3	-----
9	61.70	61.10	25.6	32.2	84	57	SE 1	NE 3	8	4	-----
10	61.72	61.70	25.8	25.5	87	93	NE 1	NE 3	7	10	6.4
11	60.97	59.60	25.2	30.6	83	64	N 2	SE 3	10	8	-----
12	60.27	-----	24	-----	90	-----	SE 1	-----	6	-----	-----
13	60.17	59.65	24.8	32.4	87	50	SE 2	E 3	7	4	-----
14	60.69	60.08	24.8	32.4	89	54	SE 1	SE 3	6	4	-----
15	61.64	60.95	24.6	32.5	90	50	SE 1	NE 3	4	3	-----
16	61.77	59.80	24.2	31	90	53	SE 1	E 3	4	3	-----
17	60.77	58.85	24.5	33.5	89	44	SE 1	SE 3	4	4	-----
18	60.15	59.09	25.5	32.8	88	52	E 2	SE 3	6	4	-----
19	60.42	59.23	26	32.8	89	58	E 2	E 3	7	4	-----
20	61.90	60.88	25.8	32	90	57	SE 1	E 3	4	7	-----
21	62.77	60.93	26.4	33.2	86	51	NE 1	NE 3	10	6	-----
22	60.47	59.38	26.6	32.6	86	57	NE 1	SE 3	7	7	3
23	60.80	59.48	25.6	32.8	93	52	Calm	NE 3	6	4	-----
24	60.12	59.73	26	32.6	89	60	E 1	E 3	6	8	-----
25	60.37	59.65	25.6	33.6	92	50	SE 1	NE 3	6	3	-----
26	61.12	-----	25.6	-----	91	-----	SE 1	-----	8	-----	-----
27	60.90	59.40	25.2	32.6	90	55	SE 1	SE 3	8	4	-----
28	60.42	58.89	26.4	33.2	86	48	NE 1	E 3	7	4	-----
29	59.34	58.67	25	32.2	87	50	NE 1	SE 3	6	3	-----
30	60.04	58.93	24.8	32.6	90	50	SE 1	SE 3	8	8	-----
Mean	60.71	59.66	25.3	32.1	88.8	55.2	1.1	3	6.8	5.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	19.3

The barometric readings of this station seem to be too high by about 0.50 mm.

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.79 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.60	59.55	26	33.2	88	46	SE 1	NE 3	8	8	------	55.72	56.52	28.2?	27.6	79?	81	S 4	S 4	10	10	3.8
2	61.15	59.78	26.2	34	85	42	E 2	SE 3	8	6	------	58.09	57.30	27	28.5	83	78	SSE 3	S 3	10	10	26.7
3	61.20	59.33	27.2	34.4	81	49	NE 2	NE 3	8	4	------	59.14	57.55	24.2	30.2	91	69	S 3	S 3	10	10	4.1
4	60.10	58.40	26.8	33.4	90	50	NE 3	E 3	7	4	------	58.89	57.35	24.8	32	93	69	SW 3	E 3	9	7	------
5	58.84	56.90	26.5	33	88	53	NE 1	E 3	6	4	------	59.47	58.68	26.2	31.2	92	71	SW 3	SE 3	9	10	------
6	59	57.64	26.2	31	87	64	SE 2	SE 3	8	4	------	60.92	59.23	25.6	29.4	91	81	SE 1	SW 3	9	7	------
7	59.24	58.75	26	32.4	90	58	Calm	SE 3	8	9	------	60.37	58.70	27	32.2	92	57	SE 2	SE 2	8	8	------
8	59.45	58.08	26.2	33.8	92	53	SE 2	E 3	7	7	------	59.55	58.60	27.2	32.4	89	57	NE 2	E 3	7	7	------
9	58.42	56.73	26.8	32.8	89	60	NE 2	SE 3	5	4	------	59.40	58.38	26.6	33.2	89	54	NE 3	SE 3	4	6	------
10	57.09	56	26.6	31.6	90	66	E 1	E 3	7	8	------	59.65	59.13	26.6	32.8	91	57	SE 1	NE 3	8	4	------
11	57.82	57.15	26.8	31.4	84	59	NE 3	NE 3	9	9	------	60.10	58.40	27	33.4	84	50	SE 2	E 3	4	3	------
12	59.09	58.33	26	32.6	90	57	SE 2	SE 3	7	7	------	59.85	58.15	26.6	31.8	87	53	SE 2	NE 3	4	4	------
13	59.40	58.80	26.4	33.4	85	50	E 3	E 3	8	6	------	59.18	------	27.2	------	84	------	SE 1	------	5	------	------
14	59.75	58.73	26.5	33	86	50	NE 1	NE 3	8	7	------	59.87	------	27.2	------	87	------	E 3	------	4	------	------
15	60.12	59.03	25.8	33.5	85	44	SE 1	E 3	10	6	------	59.52	57.58	26.6	32.8	87	55	NE 1	NE 3	6	5	------
16	59.92	58.60	26	32.2	89	59	NE 2	E 3	6	4	1	58.65	56.48	27.6	32	83	59	N 2	SE 3	9	6	------
17	60.25	58.38	26.4	28.8	92	78	SE 1	SW 3	8	6	------	57.97	56.15	27.4	32.5	85	62	N 3	N 3	10	9	6.4
18	60.32	59.08	26.5	27	84	89	S 3	SW 3	7	8	------	55.72	52.52	25.2	24.6	93	98	NW 3	NW 5	10	10	41.5
19	60.27	58.05	26.2	30.8	92	69	SE 1	SW 3	4	4	------	54.49	56.17	26.5	27.2	86	84	S 5	S 3	10	10	5.6
20	59.60	58	25.5	33	99	51	SE 1	SE 3	8	4	------	58.12	57.10	26.2	30.8	90	68	SE 2	SW 3	10	9	.3
21	59.95	58.83	26.4	34.8	94	43	SW 3	NE 3	7	4	------	59.02	58.83	25.4	30.5	93	72	SW 2	N 3	10	8	------
22	61.45	59.55	26.5	32.8	88	48	E 1	E 3	7	4	------	59.90	58.43	26.8	32	90	65	SW 1	N 2	10	7	------
23	60.77	58.83	26.5	33.8	86	49	SE 3	E 3	6	8	------	59.37	58.45	26.6	32	90	65	N 2	N 2	6	8	------
24	59.40	58.15	26	33	90	58	SE 1	E 3	7	10	------	58.57	57.48	27	29.4	90	74	SW 1	NE 3	9	10	------
25	57.72	57.83	26.2	32.8	89	60	SW 2	N 3	8	7	.5	57.92	57.17	25.5	27.8	94	67	Calm	N 3	9	9	------
26	58.42	57.50	27.6	30.4	86	65	NNW 3	NNW 3	9	10	.8	57.84	57.02	25.8	30	92	75	SW 3	NNW 3	10	10	2.8
27	56.87	55.25	27.2	32.5	86	61	NNW 3	NNW 3	10	10	------	56.57	55.92	26.5	29.2	88	76	SW 2	SW 3	10	10	------
28	55.72	54.08	27.5	32.2	88	65	NNW 3	NNW 3	10	6	------	55.29	54.63	27.4	30.6	83	65	SW 3	SW 3	8	8	10.2
29	55.69	54.45	26.8	31.6	92	68	SW 3	NNW 3	9	8	34	55.92	55.03	27.2	29.8	87	69	SW 3	SW 3	8	10	1.5
30	56.42	54.71	26	30	89	78	SW 3	NNW 3	7	9	20.5	56.32	55.67	26.6	28.8	87	75	SW 3	SW 4	10	10	1.5
31	55.57	54.20	27	28.2	87	82	SW 3	SW 3	10	10	7.1	------	------	------	------	------	------	------	------	------	------	------
Mean	59.02	57.70	26.5	32.2	88.4	58.8	2	3	7.6	6.6	------	58.38	57.24	26.5	30.5	88.3	68.1	2.3	3	8.2	8	------
Total	------	------	------	------	------	------	------	------	------	------	63.9	------	------	------	------	------	------	------	------	------	------	104.4

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.47	56.42	26.6	27.2	90	87	SW 3	WSW 3	10	10	0.3	59.82	------	26.5	------	88	------	SW 3	------	4	------	------
2	57.49	56.95	26.4	28.8	87	73	WSW 3	NNW 3	9	9	.3	59.45	------	25.6	------	95	------	SW 2	------	5	------	0.8
3	57.77	56.37	27.2	28.4	84	86	SW 3	NNW 3	9	9	33.7	58.34	56.63	26	31	92	71	SW 2	NNW 3	8	8	50.8
4	56.32	55.50	26.8	29.6	89	71	SW 3	SW 3	10	8	17.5	57.97	57.30	25.2	26.2	94	89	SW 2	SW 3	9	9	------
5	55.42	55.25	25.2	28.2	93	72	SW 3	SW 4	10	10	3.3	57.94	57.15	25.4	28.8	93	78	SW 2	SW 3	7	8	23.4
6	55.09	54.48	27	28.6	83	80	SW 3	SW 3	9	9	------	58.32	57.50	24.8	28	97	79	SW 1	SW 3	9	9	51.9
7	55.47	54.90	27.2	28	86	83	SW 3	SW 3	9	10	.8	58.56	57.90	24.4	25.2	92	92	SW 2	SW 3	10	10	6.9
8	56.34	56.08	26.8	30	89	73	SW 3	SW 3	10	9	------	57.87	57.22	25	28.6	93	77	SW 2	SW 1	9	10	12.2
9	57.34	56.15	26.8	30.6	90	67	SW 3	SW 3	8	8	------	58.02	57.20	25.6	26.5	90	88	SW 2	NW 2	10	10	43.9
10	56.87	56.50	28.2	30.2	80	67	SW 3	SW 3	10	10	------	57.27	56.05	24.8	27	97	83	SW 2	SW 3	10	10	6.3
11	57.07	56.70	27.8	30.4	88	72	SW 3	SW 3	10	10	------	54.82	54.17	25.8	28	90	77	SW 3	SW 3	10	10	8.1
12	57.52	57.05	27.8	30.2	88	74	SW 3	SW 3	10	10	------	54.84	54.12	25.8	28.2	84	79	SW 3	SW 3	10	10	1.3
13	57.82	57.56	27	31.2	90	58	SW 3	SW 3	10	10	------	55.62	55.20	25.6	27.5	90	77	SW 4	SW 3	10	10	.5
14	58.84	57.90	27.2	31	87	62	SW 3	SW 3	7	6	------	57.65	56.93	26.4	28.5	89	78	SW 3	S 3	10	10	20.8
15	58.80	57.73	26.8	31.2	92	66	SW 3	SW 3	5	8	.3	58.32	56.63	25.2	30.2	94	69	SW 3	S 3	8	7	2.3
16	57.15	56.62	26.2	28.5	94	78	SW 3	W 2	8	8	29.2	57.79	56.53	26.5	30.6	92	67	SW 3	NNW 3	10	8	7.1
17	57.17	56.45	25.8	26.6	92	86	SW 2	SW 3	9	9	5.6	58.22	57.10	26.2	31	85	71	SW 3	NNW 3	5	7	------
18	57.52	56.35	24.8	30	95	73	SW 1	SW 3	8	6	------	58.07	57.12	25.6	27.6	95	81	SE 2	SW 3	8	8	------
19	57.54	56.65	26	27.6	94	80	SW 2	SW 3	8	10	6.9	57.49	56.73	26.4	31	92	71	SW 3	SE 3	9	9	------
20	57.57	56.85	26	29	95	76	SW 3	SW 3	9	8	5.1	57.44	56	26	30.6	92	65	SE 3	S 3	10	9	------
21	58.02	56.77	25.2	28	97	82	SW 2	SW 2	9	8	.3	56.79	55.10	26.8	29.5	87	75	SW 3	SW 3	10	10	------
22	57.12	55.77	25.2	27.8	97	88	SW 3	SW 2	6	7	3.6	57.02	56.43	27.4	30	86	71	SW 3	SW 3	10	10	------
23	55.67	54.87	26.5	26.4	86	92	SW 3	SW 3	6	10	3.1	58.98	------	27.6	------	81	------	SW 3	------	10	------	------
24	55.84	55.53	26.6	29.5	89	76	SW 2	SW 3	9	10	------	59.37	57.78	26.6	30.8	74	57	SW 3	SW 3	7	8	------
25	56.37	56.03	26.6	29.8	86	75	SW 3	SW 3	9	7	9.4	58.37	57.25	26.6	30.2	78	59	SW 3	SW 3	10	9	------
26	56.84	------	27.4	------	84	------	S 3	------	8	------	1.5	56.92	55.50	26.8	30.6	89	62	SW 3	SW 3	9	9	------
27	57.82	57.57	26.4	29	94	81	SW 3	SW 3	10	10	------	56.32	55.19	27.4	31	81	69	S 3	S 4	8	7	------
28	59.07	58.43	26.5	31	93	65	SW 2	SW 3	10	8	------	57.78	56.59	27.2	30.6	84	68	SW 3	SW 4	10	6	------
29	59.67	58.85	25.5	30.2	96	70	SW 2	NNW 3	9	9	.8	58.77	57.68	26.6	31	89	56	SW 2	SW 5	8	7	------
30	59.97	57.80	26	32.6	96	60	S 1	SE 2	7	4	------	58.32	57.25	27.2	30.6	80	58	SW 3	SW 6	8	6	------
31	59.97	58.50	26	28.5	89	81	SW 2	SW 3	8	7	1.8	56.82	56.35	26.8	29.6	86	71	SW 2	S 3	10	9	------
Mean	57.35	56.62	26.5	29.3	90.1	75.1	2.6	2.9	8.7	8.6	------	57.72	56.52	26.1	29.2	88.7	72.8	2.6	3.1	8.7	8.7	------
Total	------	------	------	------	------	------	------	------	------	------	123.5	------	------	------	------	------	------	------	------	------	------	236.3

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.74	55.23	27.2	30	83	71	SW 3	SW 4	9	9	2.5	59.87	58.31	25.2	30.5	92	72	SW 2	SW 3	9	9	-----
2	56.47	55	25.2	30.6	93	62	SW 3	SW 4	10	10	1.5	59.80	58.63	26	33.5	94	48	S 1	NE 1	9	8	-----
3	56.07	54.80	26	29.2	81	74	SW 4	W 3	10	10	1	60.30	59.25	26.6	33	89	56	SE 1	E 2	8	4	-----
4	55.67	54.48	27.4	29.4	86	72	SW 3	SW 4	10	10	.8	60.40	-----	27	-----	83	-----	E 2	-----	6	-----	-----
5	55.60	54.33	26.5	30.4	90	66	SW 3	SW 3	10	9	-----	60.92	59.65	26.4	32.5	85	49	SE 2	SE 2	4	4	-----
6	55.17	54.18	27.2	29.4	87	79	S 3	SW 3	9	9	2.8	60.52	59.58	26.5	32.2	85	61	NE 2	E 2	7	4	-----
7	55.47	54.73	27	29	89	79	SW 3	SW 3	10	9	3.3	60.10	59.18	26.6	32	84	53	NE 2	NE 2	4	7	-----
8	56.34	55.52	26.5	26.6	96	86	SW 3	SW 3	10	10	9.7	61.10	59.60	27.4	31.2	80	68	N 2	SE 2	4	9	-----
9	56.19	56	25.6	28	90	79	SW 1	SW 4	9	10	8.1	61.27	59.85	26.2	32.4	86	58	N 2	SE 2	7	8	-----
10	57.04	56.80	26.5	28.6	77	73	SW 3	SW 4	7	9	-----	60.72	59.35	25.4	31.6	88	56	SE 1	SE 2	6	9	-----
11	58.12	57.14	26.4	29.2	92	76	SW 3	SW 3	9	9	-----	59.70	58.45	25.5	31.8	93	56	SW 1	NNW 2	8	4	-----
12	57.89	56.90	27	28.2	80	73	SW 3	SW 4	10	10	11.9	59.87	59.03	24.8	28.2	93	76	SE 2	NE 3	6	8	-----
13	58.42	-----	25.8	-----	84	-----	SW 3	-----	10	-----	8.9	60.70	59.71	26.6	31.6	75	62	N 3	NE 3	6	7	-----
14	58.71	58.10	25.4	28.6	88	75	SW 3	SW 3	10	8	4.8	60.82	60.18	26.5	31.6	77	59	NE 1	NNW 3	6	8	-----
15	59.52	58.20	26.2	30.5	87	65	SW 3	SW 3	8	7	-----	61.45	59.58	26.8	30	82	64	NE 3	NE 2	8	8	-----
16	58.94	57.75	25	29.2	93	78	SW 3	W 3	4	7	-----	61.10	59.73	25.4	31.4	85	61	NE 1	NNW 3	7	8	-----
17	58.57	56.93	25.5	30.4	94	73	SW 3	SW 3	9	7	-----	61.87	60.45	25.5	30.6	92	65	S 1	E 3	8	9	5.6
18	58.82	58.38	25.5	31.2	91	73	SW 3	NNW 3	8	4	-----	61.57	-----	26	-----	88	-----	E 2	-----	6	-----	-----
19	60.17	58.65	25.4	31.8	95	69	SW 3	NNW 3	8	8	-----	60.95	59.60	24.4	32.2	95	59	SW 2	N 2	5	4	-----
20	60.03	58.96	25.5	27.6	94	74	SW 3	SW 3	8	9	4.8	61.32	60.38	25.8	30	89	65	E 2	SE 3	4	9	-----
21	59.09	58.10	26	30.6	88	65	W 2	NNW 3	8	9	3.3	62.07	61.01	26.4	31.6	85	65	E 3	E 3	4	4	-----
22	58.12	56.48	25.4	31	93	69	NNW 1	NNW 3	6	9	7.9	61.65	60.53	26.2	29.6	92	79	NNW 2	NNW 3	6	7	-----
23	57.34	56.47	26.5	28	86	81	W 3	W 3	7	8	-----	61.47	60.63	25.5	30.6	93	65	NE 1	N 3	6	7	2.5
24	57.30	56.38	26.4	30.2	86	70	SW 3	SW 3	9	8	-----	62.35	60.75	25.6	29.6	88	74	NE 2	N 3	8	9	.5
25	57.89	56.60	25.2	29.8	94	71	WSW 3	SW 3	7	8	-----	61.97	60.80	27.4	30	81	62	NE 2	NE 3	9	8	-----
26	58	56.90	26.5	29.2	80	70	SW 3	SW 3	7	9	2.5	62.05	60.13	26.2	32.6	85	54	NE 1	SE 3	9	6	-----
27	58.45	56.68	26.2	30.5	89	67	SW 3	SW 3	7	9	1.5	61.37	59.63	25.6	32	85	59	NE 1	E 3	6	5	-----
28	58.72	57.38	26.2	29.2	85	74	S 3	SW 3	8	9	9.2	62.05	60.70	25.5	31	93	64	SE 1	NE 3	6	8	5.8
29	58.84	57.55	26.2	30	90	65	SSE 2	SW 3	9	9	-----	61.99	60.40	24.5	29.2	96	75	SE 2	NNW 3	6	8	1.8
30	59.14	58.18	26.6	30.8	84	64	SW 2	SW 3	9	8	-----	61.57	59.80	24.8	30	93	67	SW 2	NE 3	9	9	.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.75	60.88	25.2	30	92	66	NE 1	NE 3	7	9	2
Mean	57.76	56.65	26.1	29.6	88.2	72.2	2.8	3.2	8.5	8.6	-----	61.12	59.85	25.9	31.1	87.7	62.7	1.7	2.6	6.6	7.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18.5

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.37	61.03	26.2	31.6	89	65	NE 1	E 3	9	8	-----	60.48	59.40	25.6	30.6	93	67	NE 2	NE 3	6	8	0.5
2	62.15	60.43	25.6	32	88	57	N 3	NE 3	6	4	-----	61.10	59.52	25	29.5	92	75	NE 1	W 3	5	4	1.8
3	60.85	59.23	25.4	32.6	84	54	NE 1	N 2	6	4	-----	60.67	58.98	25.2	31	94	68	NE 1	SE 3	6	7	3.6
4	60.87	59.48	25.8	31.6	89	63	N 2	E 3	8	7	-----	59.90	59.02	25.2	29.5	94	75	SE 1	NNW 3	10	9	-----
5	61.12	59.38	25.2	32	90	57	SE 1	E 3	9	4	-----	59.55	58.47	25.5	30.5	92	68	NE 1	SE 3	7	6	-----
6	60.40	59.05	26.2	31.8	87	58	NE 2	SE 3	8	4	-----	60.25	58.95	26	30.5	89	68	NE 2	SE 2	7	7	9.4
7	60.17	58.55	25.6	31.8	91	60	NE 1	E 3	7	3	-----	60.42	58.95	25.5	30.2	93	70	N 2	N 2	5	4	.5
8	59.72	-----	25.2	-----	88	-----	SE 1	-----	3	-----	-----	59.92	58.55	24.8	27.4	93	86	N 1	SE 3	8	8	2
9	60.22	58.70	26.2	30.8	86	63	NE 1	SE 2	4	6	-----	59.67	58.72	25.5	30.2	84	67	NNW 2	N 3	6	6	1.5
10	60.32	58.48	25.8	31.5	87	64	NE 1	NNW 2	6	5	-----	60.20	-----	25.4	-----	93	-----	NE 1	-----	10	-----	8.4
11	59.82	58	26	32	79	54	N 2	NE 3	6	4	2.3	60.57	58.67	25.5	28	93	79	NE 2	NNW 2	9	9	7.7
12	59.74	58.03	25.2	31.6	92	59	SE 1	SE 3	8	7	-----	59.82	58.22	25.6	30.5	92	67	E 1	SE 2	8	4	-----
13	60.37	58.40	25.6	32.2	88	60	SE 3	SE 3	9	4	-----	60.30	-----	25.6	-----	92	-----	NE 2	-----	9	-----	-----
14	60.42	58.43	26	32.4	88	55	NE 2	E 2	4	3	-----	61.17	59.50	23.6	30.5	95	63	Calm	NE 2	8	4	-----
15	59.67	58.30	26.8	30.6	86	67	E 1	E 3	8	6	7.4	60.82	59.55	24.5	31	83	55	E 2	SE 2	3	4	1.3
16	59.95	57.57	24.5	31.4	94	59	SE 2	E 2	8	8	3.8	62.50	60.99	24.4	28	90	76	SE 2	SE 2	10	9	-----
17	59.45	57.83	25	31.8	92	59	NE 1	E 2	4	3	-----	62.77	61.38	24.2	28.8	94	69	SE 1	NE 2	4	9	-----
18	59.42	58.33	25	31.5	92	60	NE 1	SE 3	4	4	-----	62.12	60.62	24.8	29.8	85	65	N 1	NNW 3	6	7	-----
19	60.35	59.13	25.6	31.6	93	60	NE 1	SE 3	4	3	-----	61.07	59.95	25.2	30	80	66	N 2	NNW 3	9	3	-----
20	60.67	59.45	26	32.5	89	59	NE 2	SE 3	6	4	-----	60.68	-----	25.6	-----	88	-----	NNW 3	-----	8	-----	-----
21	61	59.20	26.2	31.6	92	63	SE 1	SE 3	6	3	-----	60.17	58.60	26	30	92	68	NE 1	NE 2	8	4	-----
22	60.82	59.70	25.8	29.2	85	78	NE 1	NNW 3	9	9	6.4	60.10	58.82	25.8	30.6	92	57	SE 1	SE 3	9	3	-----
23	60.70	59.38	25.5	31.8	91	58	E 2	SE 3	7	3	-----	60.65	59.90	25.2	30.6	92	59	SE 1	NE 2	6	3	-----
24	60.67	58.90	26.5	29.5	84	75	NNW 2	E 2	8	9	2.8	61.67	60.28	24.6	30.8	87	59	N 1	NE 3	3	3	-----
25	59.52	58.95	26	29.5	94	69	NE 1	NE 2	10	9	-----	62.85	61.25	25.5	29.8	86	61	NNW 1	SE 3	4	9	-----
26	60	58.99	26.8	26	81	94	NNW 3	NE 3	10	10	17.8	62.82	61.25	24.5	28.4	86	69	SSE 1	NNW 2	4	8	2
27	60.87	59.49	26	31	92	64	E 3	E 3	10	10	2.3	63.52	61.57	24.5	29.6	94	64	NNW 1	NE 3	10	3	3.5
28	60.80	58.82	25.6	30	91	59	NE 1	NE 3	10	8	15.2	62.69	60.97	24.6	26.4	87	81	NNW 1	N 3	9	9	4.6
29	59.42	59.05	25.4	29.4	90	68	NNW 3	E 3	8	9	14.7	62.19	59.77	23.6	26.6	91	76	N 2	N 3	10	6	12.4
30	60.05	59.15	25.2	30.6	94	68	NE 1	NE 3	10	9	1.5	61.02	-----	24.6	-----	79	-----	N 3	-----	9	-----	4.1
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.87	60.65	23.6	29.5	93	64	S 1	NE 2	7	4	-----
Mean	60.40	58.95	25.7	31.1	88.9	63.1	1.6	2.7	7.2	5.9	-----	61.08	59.72	25	29.6	89.9	68.2	1.4	2.6	7.2	5.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	74.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	63.3

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.61	61.75	24.1	27.8	91	80	N 5	N 5	10	8	3.6	60.19	59.54	24.2	28.8	85	76	NE 5	NNE 4	9	1	------
2	62.84	61.51	24.2	26.3	95	92	N 6	NNW 6	8	7	2.6	60.24	59.23	23.9	28.1	88	77	NNE 1	NE 3	6	8	------
3	63.12	62.45	24.3	26.5	95	83	N 4	N 4	9	9	33.5	60.98	60.09	24	28.8	88	72	ENE 4	NNE 3	9	1	------
4	63.23	62.50	23.7	26.5	89	83	N 5	N 5	10	9	2.3	60.61	59.40	24.4	29.3	87	74	NE 5	N 4	8	1	------
5	63.51	62.27	24.3	28.7	89	76	E 1	N 4	9	1	------	60.72	60.27	24.5	29	84	69	ENE 5	ENE 5	9	5	------
6	63.23	62.26	23.5	28	95	86	N 2	N 4	7	4	------	60.88	60.29	24	28.5	88	72	NE 3	NNE 4	3	2	------
7	63.40	62.46	21.1	27.5	99	77	Calm	N 3	5	5	.3	60.81	60.63	24	28.1	86	74	N 3	NE 3	7	7	------
8	63.83	63.18	24.5	28.5	88	73	N 5	ENE 4	9	1	13.2	61.08	60.64	22.8	29	89	73	NE 1	E 3	5	4	------
9	65.87	65.41	23.1	26.5	84	73	N 7	N 7	10	9	------	61.28	60.90	21	29.5	98	66	N 1	N 3	9	1	------
10	65.45	64.50	23	27.1	82	67	N 4	N 4	9	1	------	61.63	60.30	22.9	29	90	74	NE 1	NNE 3	4	1	0.8
11	63.87	62.46	22.2	27.6	96	66	N 2	N 4	9	1	------	61.52	61.11	23.6	29.6	90	72	NE 2	N 4	7	9	12.2
12	62.27	60.98	21.4	29.2	98	76	N 1	NNE 3	9	9	11.2	61.96	61.60	24	29.7	91	74	N 1	N 3	9	5	29.5
13	61.52	60.51	24.2	27.3	96	87	N 4	N 4	10	6	6.9	62.67	62.15	23.3	28.5	89	76	N 3	NE 3	9	3	------
14	61.42	60.62	24.5	29.2	93	81	NNE 1	N 4	4	5	9.9	62.86	62.15	23.5	27	87	77	NE 5	E 5	8	9	.3
15	62.54	60.95	24	27.7	84	80	N 5	N 4	9	1	.3	62.42	61.84	24.1	29.1	86	69	NE 5	E 6	8	5	------
16	62.56	61.63	23.4	28.7	90	72	NNE 1	N 3	8	4	------	62.36	61.72	23.5	27.8	81	70	NE 5	NE 3	8	1	------
17	63.07	61.85	23.1	29	88	76	N 3	N 3	5	3	------	62.17	61.58	23.4	28.2	86	75	ENE 3	NE 3	7	3	------
18	62.48	60.94	22.3	29.1	96	71	N 1	N 3	7	1	17.8	61.65	61.73	22.4	29	93	74	ENE 2	NE 3	5	1	------
19	61.18	59.31	24.2	28	90	78	NNE 3	N 4	9	1	------	61.97	61.31	22.4	28.6	88	59	E 2	NE 3	8	0	------
20	60.74	59.21	21.6	27.6	99	79	N 1	NNW 4	3	7	.8	61.88	61.07	23	27.8	85	67	ENE 2	NE 3	8	1	------
21	60.26	59.62	24.3	27.6	91	80	N 3	N 3	9	10	------	61.14	60.36	23.5	28.5	82	57	NE 2	NNE 3	8	1	------
22	60.89	60.26	24.5	28.5	90	74	NNE 3	N 3	9	2	.8	60.84	59.41	21.5	27.9	90	68	E 1	ENE 1	8	2	------
23	61.21	60.16	24.5	28.8	86	78	NNE 5	N 3	8	7	1.8	61.22	60.58	23.6	27.7	85	72	ENE 3	E 2	9	5	------
24	61.42	60.31	24.3	29.1	82	71	N 4	N 3	9	3	------	60.68	60.27	20.4	29.8	97	66	N 1	E 1	7	4	------
25	60.76	59.95	24.1	28.3	82	71	NE 4	NE 5	8	1	------	60.70	60.22	21.5	30.4	97	60	NE 1	ENE 3	8	1	------
26	60.94	60.38	24.1	28.7	82	73	NNE 4	N 4	9	4	1.3	61.19	60.71	24.2	29.9	86	63	ENE 3	NE 4	8	2	------
27	61.84	60.75	23.6	28.6	95	76	N 1	N 4	8	1	------	62.01	61.67	24.1	30.3	75	57	NE 5	N 3	8	0	------
28	61.58	60.01	23.5	28.5	87	71	NNE 2	N 2	9	2	1.3	62.51	61.56	24.7	29.3	81	67	ENE 4	NE 3	8	1	16.3
29	60.58	59.77	23.5	27.8	90	76	NNE 3	N 2	9	7	------	------	------	------	------	------	------	------	------	------	------	------
30	60.52	59.81	22.6	29.1	90	75	N 1	NNE 3	1	9	.5	------	------	------	------	------	------	------	------	------	------	------
31	61.11	59.75	24	28	93	82	NNE 1	NE 5	9	2	------	------	------	------	------	------	------	------	------	------	------	------
Mean	62.29	61.21	23.5	28.1	90.5	76.9	3	3.8	8	4.5	------	61.43	60.80	23.3	28.8	87.6	69.6	2.8	3.2	7.5	3	------
Total	------	------	------	------	------	------	------	------	------	------	108.1	------	------	------	------	------	------	------	------	------	------	59.1

Day.	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.61	61.57	23.7	29.8	94	70	N 5	N 5	10	3	------	58.68	58.35	24.7	29	94	78	NE 3	NE 5	10	8	9.9
2	62.63	61.45	24.5	29.1	86	68	N 3	NNE 3	4	1	------	------	------	------	------	------	------	------	------	------	------	------
3	62.41	60.82	24.1	29.8	82	60	NNE 5	NNE 5	6	2	------	------	------	------	------	------	------	------	------	------	------	3.3
4	60.14	59.01	24	29	94	71	N 2	NNW 4	10	9	11.2	59.17	58.48	26.2	32.1	92	67	ENE 3	E 3	9	4	.8
5	58.76	57.39	24.1	28.2	96	80	N 3	NNE 4	10	9	7.4	59.60	58.65	26.1	32.6	95	61	ENE 1	SE 3	8	2	------
6	58.12	57.29	23.8	31	98	62	NNE 1	ESE 1	8	3	------	59.16	57.95	25.1	32.1	93	59	E 1	N 3	3	1	1
7	58.33	57.67	25.6	28.5	92	77	NE 3	E 3	5	7	------	59.51	58.25	25	30.3	95	71	Calm	E 1	3	7	------
8	58.79	57.86	25.6	31	89	69	NE 4	N 4	7	2	------	59.72	59.28	26	32.8	90	61	Calm	NE 1	4	1	------
9	58.82	58.15	25.1	30.7	87	67	ENE 4	NNE 3	3	1	------	60.50	60.55	26.8	33.5	86	46	ENE 2	ENE 3	8	7	------
10	59.41	58.87	24.8	29.6	87	68	E 1	NE 4	4	1	------	61	60.41	25.8	27.2	89	79	N 1	N 4	9	9	14
11	59.03	58.77	23.8	29.4	84	59	N 2	ENE 3	8	1	------	60.48	58.66	25.6	31.2	80	61	NNE 2	N 3	7	1	------
12	59.36	59.45	24.3	30.1	92	71	ENE 2	NE 3	5	1	------	59.28	58.17	26	31	84	59	NE 3	N 4	8	1	------
13	59.93	59.76	21.8	29.7	99	72	Calm	E 3	8	1	------	59.16	58.80	24.6	29.7	92	67	E 1	NE 3	6	5	1
14	60.17	60.28	23	31.1	99	62	ENE 1	ENE 3	3	2	------	59.48	59.09	25	31.5	94	64	ENE 1	E 1	5	3	------
15	61.71	60.66	24.9	29.2	83	65	N 3	NNE 3	8	1	11.4	60.46	59.85	25.9	32.3	86	60	ENE 2	NE 3	3	1	------
16	60.62	60.65	24.8	26	89	87	NNE 1	NNE 5	10	10	2.3	60.73	58.96	26.3	31.6	82	51	NE 2	NE 4	7	0	------
17	61.53	61.57	24.7	29.2	87	70	NNE 3	NNE 3	7	6	6.4	59.61	58.06	25.9	30.5	81	63	E 3	E 1	3	4	------
18	63.09	62.19	25.3	30	87	65	N 3	N 3	6	5	------	59.06	58.20	26.5	33.7	82	45	NE 2	ENE 2	1	1	------
19	62.77	61.10	25	29.5	80	64	NNE 2	NNW 4	7	1	.8	59.36	58.35	27	32.9	80	65	E 3	NE 3	2	2	------
20	60.57	59.19	23.2	31	98	65	ENE 1	ENE 3	5	1	------	60.75	60.09	27.1	33.1	84	60	ENE 3	N 4	3	1	------
21	59.28	58.69	24.8	30.3	91	70	NNE 1	E 2	7	5	------	61.60	60.08	27	32.8	86	61	NE 3	NE 3	9	8	------
22	59.42	58.71	25.5	31	88	68	ENE 3	NNE 3	9	3	------	59.55	58.85	27.3	32.4	84	64	NE 4	N 4	9	8	48.8
23	59.77	58.83	25.3	30.4	86	66	NE 3	NE 3	3	1	------	59.55	58.40	26.4	31.3	94	70	ENE 1	SE 3	9	7	------
24	59.75	59.22	26	30.2	85	69	ENE 3	NNE 4	9	3	------	59.15	58.69	26.7	32.6	90	59	ENE 3	NNE 3	3	1	------
25	60.03	59.36	25.1	31	84	61	E 4	NE 4	4	1	------	59.20	58.80	26.6	32.9	86	67	NE 1	NE 3	1	2	------
26	59.27	59.34	25.5	30.5	77	66	N 4	N 4	3	1	------	59.83	58.98	26.8	32.5	83	65	ENE 3	N 4	3	2	------
27	60.07	59.21	25	31.6	73	54	N 4	N 5	3	3	2.5	60	58.76	26.6	32.6	83	61	NE 2	NE 3	5	1	------
28	60.22	59.52	24	28.6	93	73	NNE 3	NNW 5	10	9	5.4	59.11	57.78	27.1	31.7	82	63	ENE 3	NNE 3	5	1	------
29	60.84	59.53	25	31.1	80	58	N 3	N 3	3	1	.3	58.13	57.88	26.7	32.2	81	57	NE 2	N 4	8	1	------
30	59.80	59.20	25	31.3	86	55	NE 1	E 2	7	1	------	58.68	57.98	26.3	32	80	63	NE 1	NE 3	6	1	------
31	58.54	57.66	24	30.5	91	62	NE 2	N 4	4	1	2.8	------	------	------	------	------	------	------	------	------	------	------
Mean	60.19	59.45	24.6	29.9	88.3	66.9	2.6	3.5	6.3	3.1	------	59.66	58.80	26.2	31.8	86.7	62.4	2	3	5.6	3.2	------
Total	------	------	------	------	------	------	------	------	------	------	50.5	------	------	------	------	------	------	------	------	------	------	78.8[a]

The barometric readings of this station seem to be too low by about 0.50 mm.

[a] 29 days of observation.

ROMBLON.

[φ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.53	58.51	26.9	32.4	80	60	ENE 4	NE 4	4	5	------
2	60.11	58.98	27.1	33.1	82	58	NE 3	NE 3	3	1	------
3	59.97	58.52	27	32.5	83	65	NE 4	NNE 4	3	1	------
4	58.92	57.57	27.1	32.7	81	61	NE 3	NNE 4	2	1	------
5	57.61	56.07	26.8	32.2	86	61	NE 3	N 3	3	1	------
6	58.07	56.54	27	31.4	83	66	NE 3	N 1	3	5	------
7	58.33	57.93	27.4	33.3	81	60	NE 3	NE 4	7	5	------
8	58.15	57.18	27.8	34.1	82	53	NNE 3	NE 3	7	2	26.4
9	57.22	55.98	26.9	32.4	86	69	NE 3	NE 2	3	2	1.3
10	55.97	54.50	26.2	32	96	71	NE 1	N 3	2	3	2
11	56.61	56.10	26.2	33.1	94	60	N 3	NE 2	9	8	------
12	57.92	57.42	27.1	33	87	61	ENE 2	E 1	5	1	------
13	58.51	58.23	27.3	33.1	81	60	NE 3	NNE 3	5	5	------
14	58.83	57.99	27	33.1	81	64	NE 2	NE 3	6	4	5.1
15	58.91	58.32	27	33.1	77	53	N 2	NNE 3	9	4	------
16	58.72	57.89	25.6	31.5	88	70	N 1	N 3	1	3	3.8
17	59.04	57.46	25	32.2	98	71	Calm	N 1	2	7	------
18	59.10	57.99	25.9	30.8	93	78	SE 1	N 1	7	4	1
19	59.17	57.34	26.4	30.5	89	75	S 1	N 1	4	7	4.8
20	58.43	57.20	24.8	33	96	68	S 1	N 2	1	4	3
21	59.28	58.20	25.3	31	93	72	S 2	N 1	8	5	------
22	60.31	58.92	26.3	33.6	89	62	N 1	N 3	1	5	1
23	59.56	58.44	26.5	31.5	86	67	E 1	SE 3	3	2	------
24	58.36	57.28	25.8	33.8	95	55	NNE 2	N 3	4	7	------
25	56.82	57.38	25	33	97	59	Calm	NNW 3	8	8	------
26	58.06	56.93	27.1	33	89	67	N 1	NW 3	8	9	9.7
27	56.67	55.30	28.4	32.8	85	70	N 3	NNW 3	9	4	8.6
28	55.21	53.80	27.6	31.5	87	69	NW 3	N 3	8	6	------
29	54.91	53.82	26	33.4	96	60	NW 1	NNW 3	6	4	------
30	55.43	53.99	25.8	32.5	93	60	S 1	S 3	8	3	20.3
31	54.81	53.32	27.9	30.5	80	68	SW 3	S 6	9	10	13.5
Mean	58.02	56.94	26.6	32.5	87.5	64.3	2.1	2.7	5.1	4.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	100.5

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.12	54.72	26.1	27.2	84	86	S 8	S 8	10	10	41.9
2	56.13	55.51	25.9	27.7	88	76	S 5	S 5	10	10	59.2
3	57.14	57.37	25.4	26	90	81	S 4	S 4	10	10	18
4	57.39	56.61	24	30.9	98	71	S 2	S 4	10	7	.3
5	58.33	57.69	26.8	31.8	88	68	S 3	S 3	9	9	------
6	59.67	58.20	25.4	30.6	96	73	S 1	S 3	6	8	------
7	59.27	57.70	24.6	32.7	98	64	Calm	E 1	3	4	------
8	58.40	57.82	26.8	32	92	68	ENE 1	NE 2	7	9	------
9	58.26	57.58	27.4	32.6	85	60	NE 2	N 2	3	1	5.6
10	58.73	58.35	25.9	30.3	94	73	S 1	S 1	6	7	3.6
11	59.02	57.83	27.3	32.9	88	64	NE 3	NNE 3	3	2	3.6
12	58.68	57.30	26.5	30.2	86	69	N 1	S 2	1	6	------
13	58.09	57.02	26.9	31	93	72	ENE 1	S 1	8	7	2.5
14	59.31	57.24	25.5	32.5	92	60	Calm	SE 1	9	2	------
15	58.54	57.17	27	31.7	83	65	NE 2	ENE 2	4	2	7.6
16	57.54	55.70	26.1	31.8	90	65	N 3	N 2	9	2	11.9
17	56.98	55.55	25.5	31.1	96	70	Calm	NNW 2	10	8	40.7
18	56.16	54.18	26.9	27.1	88	87	NNW 3	NW 4	10	10	39.6
19	52.76	54.44	26.2	27	91	86	SSW 7	S 5	10	10	79.5
20	56.90	56.35	25.5	28.4	93	82	S 3	S 3	10	10	32.3
21	57.92	57.64	25.5	29.9	93	75	S 1	S 3	10	9	------
22	58.90	57.29	26.4	31.5	85	68	S 3	S 3	9	7	5.8
23	58.68	57.65	26	33	96	66	Calm	E 1	9	3	.3
24	57.52	56.79	24.6	30.3	97	72	Calm	N 2	10	8	------
25	57.04	56.40	24.8	30.6	98	72	Calm	N 3	8	8	27.4
26	57.30	56.16	25.1	32.1	97	69	Calm	N 3	8	8	1.8
27	56.03	55.22	24.7	31.1	98	71	Calm	S 1	10	9	------
28	54.64	53.70	26.8	30	83	77	S 3	S 5	3	8	1.5
29	55.17	54.14	25.6	27.4	91	85	S 4	S 4	9	10	4.6
30	55.47	54.57	25.7	29.2	91	70	S 4	S 6	9	8	4.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.34	56.46	25.9	30.4	91.4	72.2	2.2	3	7.8	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	392.5

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.32	55.52	25.7	28	93	80	SSE 3	S 4	10	10	5.1
2	56.44	55.97	25.4	30.7	91	69	S 3	S 4	3	6	1
3	56.89	55.40	25.3	32.2	93	65	S 1	S 2	8	7	------
4	55.36	54.75	26.6	30.8	80	72	SSW 1	SW 2	9	9	------
5	54.89	54.62	26.5	28.2	80	76	S 3	S 4	10	10	13.5
6	54.10	53.46	26.3	29.5	86	71	W 4	S 5	10	10	22.4
7	54.44	53.54	25.1	30.2	92	74	S 6	SSW 6	10	9	25.4
8	55.16	55.27	26.9	29.2	80	75	S 5	S 5	10	7	.5
9	55.99	55.38	27.4	30.9	85	69	SW 4	S 5	6	4	------
10	56.47	55.90	27.6	30.2	76	70	S 3	S 5	9	9	------
11	56.18	55.88	28.3	30.8	77	71	S 5	S 5	10	9	.5
12	56.27	55.89	28	31.5	77	70	S 5	SSW 4	9	8	.3
13	56.66	56.67	27.9	31.7	81	70	S 4	S 5	9	9	------
14	57.37	56.89	27.3	32.3	82	64	S 4	S 3	9	2	------
15	58.06	57.02	27.2	32.5	83	65	SW 3	SSW 4	1	2	------
16	57.07	55.55	25.3	31.5	95	65	Calm	S 3	4	4	------
17	55.82	55.02	26.4	29.6	88	67	S 3	S 4	9	5	2
18	56.09	55.21	25.7	30.7	88	67	S 3	S 3	9	3	------
19	56.43	55.47	26.8	31.3	86	64	S 3	S 3	8	2	------
20	56.27	55.66	26.1	30.6	86	73	S 2	N 2	3	7	6.6
21	57.03	55.87	25.5	29.5	93	72	Calm	S 2	9	7	------
22	55.90	54.84	23.6	32.4	97	59	Calm	S 3	2	3	------
23	54.39	53.70	26.5	31.4	85	66	S 3	SSW 3	3	6	------
24	54.57	54.82	26.2	28	89	76	S 3	SSW 5	10	10	7.1
25	55.28	55.34	26.3	27.9	86	82	S 4	S 5	3	9	7.1
26	55.47	55.54	26.4	31.1	90	71	S 6	S 7	4	9	.5
27	56.73	56.86	26.6	29.7	87	75	S 4	S 4	10	9	------
28	57.93	57.75	26.2	31.2	91	70	S 1	S 3	8	7	------
29	58.74	57.86	25.5	33.5	93	56	S 1	S 2	2	7	------
30	58.96	56.80	23.5	32.1	97	64	Calm	N 2	8	2	23.6
31	59.36	57.71	23.3	29.7	97	70	Calm	S 1	10	8	------
Mean	56.31	55.68	26.2	30.6	87.2	69.6	2.8	3.7	7.3	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	115.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.74	57.74	23.6	30.6	99	70	Calm	SW 2	1	7	------
2	58.75	57.25	23.6	31.9	99	66	Calm	N 2	1	1	15.7
3	57.58	56.11	24	30.6	97	65	Calm	N 2	8	7	46.7
4	56.79	56.22	23.5	30.2	98	74	Calm	E 1	7	8	19.3
5	56.86	56.50	24	30.7	98	69	Calm	N 1	7	7	------
6	57.20	56.61	23.8	31.5	98	68	Calm	SE 1	3	8	.3
7	57.59	56.62	24.5	29	96	76	Calm	N 1	10	9	22.9
8	57.02	56.32	24.4	29.6	97	74	Calm	SSW 4	9	9	.5
9	56.79	56.36	26.5	28.3	86	79	S 3	S 2	9	9	10.4
10	56.35	54.67	25.1	27.6	93	79	S 1	S 5	9	10	7.4
11	53.94	53.28	25.2	28.5	88	75	S 5	SSW 5	10	10	16
12	53.59	53.28	26	28.6	85	75	S 6	S 6	10	10	8.1
13	54.28	54.02	26.7	30	81	76	S 6	S 7	10	9	40.1
14	56.33	55.33	25.1	28.2	84	82	S 7	S 6	10	10	.8
15	56.97	56.05	25.7	30.2	86	71	SE 3	S 4	7	1	------
16	56.90	55.81	24	32	96	68	Calm	N 3	8	3	------
17	57.30	56.35	24.8	31.4	97	69	Calm	N 3	8	1	------
18	57.24	56.13	24.5	31.2	97	71	Calm	N 2	2	3	------
19	56.53	55.95	24.1	31.5	97	69	Calm	S 3	8	2	------
20	56.44	55.13	26.8	32.3	81	66	SSE 4	SSW 3	8	8	------
21	55.58	54.34	27.5	30.3	81	71	S 4	S 5	10	9	------
22	55.83	55.49	27.9	30.3	79	74	S 5	S 4	10	10	------
23	57.36	57.28	26.3	30.4	87	69	S 5	S 6	10	7	------
24	58.34	57.13	27.1	31.6	79	66	S 5	S 6	7	6	2
25	57.38	56.40	27.1	30.6	79	70	S 4	SW 4	8	10	------
26	55.96	54.79	27.7	31.7	76	61	SSW 4	SSW 5	9	7	------
27	54.97	54.25	27.8	31	82	65	S 6	SSW 7	9	9	------
28	56.37	55.84	27.9	31	77	69	SSW 6	SSW 6	9	7	12.7
29	57.36	57.03	27.3	31.2	78	63	SSW 6	SSW 6	8	8	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	55.33	55.23	28	31.2	71	62	SSW 6	S 6	9	7	6.6
Mean	56.59	55.78	25.7	30.4	88.1	70.4	2.9	3.9	7.8	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	209.5[a]

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[a] 30 days of observation.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.11	55.24	26.9	27	80	83	S 5	S 5	9	9	13.5
2	55.35	55.54	26.5	26.2	85	82	S 6	S 7	10	10	25.1
3	54.66	54.03	26.9	26.5	85	85	S 5	S 4	10	10	74.9
4	55.23	53.72	25.1	27.6	98	82	S 2	SSW 2	10	10	7.9
5	54.14	54.06	25.8	26.6	92	83	SSW 3	S 4	10	10	18.6
6	53.23	53.56	27.7	29.3	84	79	S 7	S 7	8	9	28
7	53.94	54.45	26.8	27.8	87	83	S 5	S 6	9	10	9.7
8	55.73	54.97	24.9	26	82	87	N 3	S 3	10	10	25.1
9	54.74	54.99	26.2	27	89	75	S 6	W 6	6	10	21.6
10	56.30	55.62	26.1	27.6	90	84	SSW 5	S 5	10	9	15
11	57.08	56.32	25.9	28.8	88	75	S 5	S 4	8	10	------
12	56.98	56.10	26.2	29	85	74	S 5	S 5	10	9	1.8
13	56.74	56.35	24.7	28.2	88	70	S 3	S 4	10	9	9.7
14	57.66	57.12	24.8	28.8	91	76	S 4	SSW 4	10	9	4.6
15	58.61	57.55	25.2	31.4	92	70	S 3	S 3	7	7	------
16	57.91	56.87	23.4	31.3	98	------	Calm	S 3	3	3	------
17	57.56	56.09	24.6	31.1	95	68	S 1	S 3	5	2	------
18	57.74	57.42	26	31.7	92	68	S 3	S 3	5	3	------
19	59.21	57.82	23.7	32.2	98	69	Calm	S 2	5	3	------
20	59.26	58.33	23.7	32	98	66	Calm	N 3	1	2	------
21	58.70	57.52	24.9	30.6	96	74	N 3	N 3	3	7	------
22	57.66	56.74	26.6	29.9	85	72	N 3	N 4	3	9	2.5
23	56.72	55.90	26.5	30.8	85	71	N 3	NNW 3	3	3	------
24	56.28	55.60	26.3	31	87	68	S 3	S 4	9	7	------
25	56.95	55.67	24.2	32.6	97	66	Calm	S 2	3	4	.8
26	57.05	55.97	25.5	31.7	86	59	S 3	SW 3	8	2	------
27	57.13	55.70	25.1	31	88	66	SSW 3	S 3	7	3	1.3
28	57.25	56.46	26.5	30.9	82	68	SSW 2	S 4	9	6	3.3
29	57.28	56.62	26.3	30.1	86	72	S 5	S 5	9	8	1.8
30	58.23	57.20	26.6	31.2	86	68	S 3	S 4	9	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.68	55.98	25.7	29.5	89.2	73.9	3.3	3.9	7.3	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	265.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*-10.*	*0–10.*	*mm.*
1	59.10	57.69	24.1	31.2	98	73	S 1	N 1	3	4	------
2	58.88	57.84	23.3	31.3	98	71	Calm	N 3	4	8	------
3	59.27	58.35	25.3	32.5	98	63	Calm	NNE 3	7	3	8.9
4	58.99	58.37	24	30.1	98	73	NE 1	N 1	8	5	------
5	59.88	58.91	25.1	31.5	94	68	NE 1	N 1	1	1	3.3
6	59.59	58.89	24.8	29.7	98	75	NE 2	N 3	3	7	------
7	59.37	58.45	25.8	32.7	91	66	NE 3	E 2	5	2	10.4
8	60.35	58.99	25	31.6	98	68	N 1	N 1	6	6	.5
9	60.32	59.01	25.9	30.9	93	68	N 1	N 3	5	1	------
10	59.89	58.96	23.5	30.6	98	65	N 1	NE 3	1	3	1
11	59	57.86	23.6	30.9	99	66	ENE 1	N 3	7	1	7.6
12	59.26	57.67	23.5	30.4	98	69	NE 1	N 2	4	2	4.1
13	59.96	59.05	26.3	30.3	80	66	N 2	NE 3	9	1	.5
14	60.83	59.67	23.7	29.8	94	70	N 1	N 3	2	3	43.2
15	60.42	58.89	23.6	30.5	98	69	NE 1	N 3	9	1	------
16	60.05	59.04	25.3	31.1	85	70	NE 1	NNE 3	3	2	9.1
17	60.78	59.83	25	30.8	88	71	NE 2	NE 2	2	4	2.3
18	60.81	59.79	26.1	31	88	71	N 1	E 3	8	0	1
19	60.02	59.02	24.5	30.2	97	72	N 1	N 2	1	9	2.3
20	59.96	59.50	26.1	31.1	91	70	NE 2	NE 2	2	1	------
21	61	60.35	26.4	31	83	71	NE 1	NE 1	3	1	------
22	60.88	59.94	26	30.3	92	72	N 2	N 3	8	9	42.4
23	60.66	59.94	24.8	30.5	89	67	NNE 3	N 3	9	1	9.9
24	61.37	59.97	24.3	29.8	91	71	NE 3	NE 4	3	3	37.8
25	61.12	60.09	26.2	31	84	68	NNE 5	NE 5	7	4	1.5
26	60.81	59.61	26	29.5	82	70	NE 4	NE 3	8	4	1
27	60.12	58.85	25.5	30.6	81	69	NE 3	NE 4	2	0	------
28	60.50	59.55	25	30.6	91	74	NE 2	E 4	3	1	2.3
29	61.16	59.76	26	29.5	80	75	N 3	ENE 5	2	8	1
30	60.78	59.04	24.8	30.1	82	69	NE 3	NE 4	4	3	------
31	60.77	59.94	26.3	31	82	69	NNE 4	NNE 3	7	2	9.4
Mean	60.19	59.12	25	30.7	90.9	69.6	1.8	2.7	4.7	3.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	199.5

NOVEMBER.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.83	60	25.9	30.1	87	74	ENE 4	NE 4	8	4	------
2	61.08	59.70	26.3	30.7	77	69	NE 3	NE 3	5	1	------
3	60.15	58.60	25.5	30.3	82	64	N 3	ENE 3	3	1	5.6
4	60.07	58.54	25.6	31	88	72	NE 3	NNE 3	5	1	14.7
5	60.04	58.85	22.4	30.5	97	76	NE 1	E 2	9	7	2.5
6	59.30	58.24	26.1	31	88	72	NE 3	NE 3	5	1	3.3
7	59.16	57.76	25.7	31.3	93	70	NE 3	E 2	5	0	------
8	58.80	57.49	25	30.5	95	73	N 1	NNE 2	10	4	------
9	58.79	58.19	26.5	31.1	85	71	E 4	ENE 2	1	1	.8
10	59.23	57.82	25.3	31	90	71	NNE 3	NE 3	2	1	------
11	58.95	57.37	25.6	29.6	75	71	NE 4	NNE 3	9	9	5.1
12	58.59	57.50	26	30.6	84	71	NE 4	NNE 3	1	1	------
13	59.27	57.92	26.1	31.3	85	70	NE 2	N 3	4	6	9.9
14	59.37	57.82	26	30.3	92	70	NNE 4	E 3	7	1	2.5
15	58.70	57.62	26	29.6	84	72	E 3	E 3	1	3	------
16	58.93	56.94	25.8	31	88	69	NE 3	E 3	7	2	------
17	58.24	57.31	26.7	31.7	84	70	NE 3	ENE 3	8	1	5.4
18	58.43	57.84	26	30.5	85	70	NE 3	NE 3	3	1	------
19	59.38	58.36	26.6	31.3	87	71	NE 3	NE 3	9	2	.8
20	59.73	59.05	26	31	94	73	NE 3	E 2	9	3	1.5
21	60.02	58.65	26.6	31.5	90	72	NE 3	NE 3	9	1	1.5
22	59.97	58.74	26.1	29.7	88	76	NNE 4	N 2	6	9	1.3
23	59.75	58.75	26.5	31.1	86	71	NE 4	NE 3	9	1	------
24	59.97	58.21	24	31.4	96	64	NE 2	ENE 3	3	1	------
25	58.92	58.22	26.2	30.5	87	72	N 2	N 3	9	8	------
26	59.76	57.88	25.8	28.3	86	81	N 3	N 4	8	10	3
27	59.92	58.79	26.8	30.9	86	71	NNE 4	NE 4	10	9	13.2
28	59.76	57.82	26.6	30	87	68	NNE 4	N 4	8	5	1.3
29	58.72	58.02	25.8	28.7	88	82	NE 3	NE 4	9	8	.5
30	59.37	58.52	26.2	30.1	89	78	NNE 2	E 3	10	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.44	58.22	25.9	30.6	87.4	71.8	3	3	6.4	3.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	72.9

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.67	58.50	26.5	30.5	89	75	N 4	NE 3	7	5	11.9
2	59.96	58.80	26.3	31.3	89	71	NE 4	NE 4	7	1	11.7
3	59.86	58.49	26.4	31.3	86	70	NE 4	ENE 3	9	1	1.3
4	59.17	58.31	25.4	29.8	96	79	NE 2	NE 5	9	9	2.3
5	58.64	57.66	26.3	31	88	72	E 3	ENE 3	5	3	5.1
6	59.22	58.02	26.4	30.7	90	75	NE 3	NE 3	9	1	7.4
7	59.28	58.41	26	31.5	87	72	N 4	NNE 4	2	2	7.9
8	59.05	57.48	25.8	29.9	89	72	NE 3	NE 3	9	1	------
9	59.09	58.11	25.2	29.9	82	71	NE 2	NE 3	3	6	2.8
10	59.14	57.95	26	31.1	87	72	NE 2	NE 4	10	7	9.6
11	59.25	57.76	25.5	29.8	92	78	NE 4	NE 4	9	6	9.9
12	58.48	57.42	26.2	29.8	90	77	NE 4	NNE 4	10	9	2
13	59.17	58.62	26.4	29.5	89	79	ENE 4	NE 5	9	4	------
14	60.03	58.92	24.9	30.4	84	68	E 4	E 3	3	1	------
15	59.61	58.80	25.8	31.1	82	64	ENE 5	NE 3	3	1	------
16	60.82	60.09	24.8	28.7	98	80	N 2	NE 4	9	9	------
17	61.52	60.59	25.7	30.3	86	73	E 5	NE 4	9	1	------
18	61.22	60.27	25	29.4	87	68	NNE 3	N 4	8	3	------
19	60.26	59.52	23.7	29	91	74	N 2	N 3	9	1	------
20	60.01	59.17	24	28	96	84	N 1	N 5	3	8	.5
21	59.25	58.12	26	27.5	92	88	N 4	N 4	10	9	9.1
22	58.92	58.25	26	27.8	92	88	E 2	N 1	10	7	7.1
23	59.68	59.26	23.5	30.5	99	74	Calm	NE 3	3	1	3
24	60.64	59.34	25.1	29.5	89	72	NE 3	N 5	10	0	------
25	61.43	60.52	25.6	29	84	69	NE 1	NE 2	7	2	------
26	61.98	60.46	24	30.2	87	68	N 4	NE 4	5	1	9.7
27	62.03	60.93	24.5	26.8	96	88	N 2	NE 2	10	9	.5
28	61.43	60.15	24.5	29.8	88	67	NE 2	N 3	5	6	------
29	61.21	59.01	25.4	29.4	78	72	N 3	N 3	10	8	------
30	59.64	59.01	21	29.4	95	67	SSE 2	NNE 3	8	6	------
31	60.62	59.97	23.7	29.6	91	69	NE 4	NE 3	3	1	-----
Mean	60.01	58.96	25.2	29.8	89.3	74.1	3	3.5	7.2	4.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	101.8

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[a] The rainfall of the 4th in the "Monthly Bulletin" should be 14.7 mm. instead of 4.7 mm.

BATAG.

[φ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, —1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.25	60.48	23.5	25.5	96	87	ENE 2	ENE 1	10	7	23.6
2	61.65	60.69	24.6	27.4	90	76	ENE 2	E 2	7	4	2.5
3	62.06	61.59	24.2	26	93	89	E 2	ENE 2	5	7	20.1
4	62.08	61.40	24.5	24.9	76	73	ENE 3	ENE 3	9	9	1.3
5	62.59	61.08	24.5	27.5	92	73	E 2	E 2	8	7	------
6	------	------	------	------	------	------	------	------	------	------	------
7	62.64	61.57	23	27.4	89	70	E 2	ENE 2	7	6	------
8	63.03	62.53	23.6	26.7	78	75	ENE 3	ENE 3	8	8	5.6
9	64.40	64.13	23	24.2	83	74	ENE 3	ENE 3	9	9	------
10	64.70	63.73	22.6	24	99	70	ENE 2	ENE 3	6	7	------
11	62.92	61.62	22.5	27.4	83	60	ENE 1	ENE 2	7	3	5.3
12	61.07	59.74	23.5	26.5	96	87	ENE 3	ENE 3	8	8	11.7
13	60.96	59.71	24.5	27.6	92	79	ENE 3	E 3	8	4	2.8
14	60.95	59.71	23	27	95	80	Calm	E 2	8	3	4.6
15	61.68	60.25	23.9	27.4	83	68	ENE 2	ENE 2	3	3	2.5
16	61.87	61.04	22.5	27.2	97	70	ENE 2	ENE 2	10	4	------
17	62	60.97	24.6	27.2	78	72	ENE 3	ENE 3	9	3	20.3
18	61.71	60.37	23	27	96	77	ENE 2	ENE 2	8	3	------
19	60.97	58.85	24	27.4	75	70	ENE 2	ENE 2	3	2	4.8
20	59.97	58.85	24	24.7	96	90	ENE 2	ENE 2	8	9	40.6
21	59.82	59.10	23.2	23.5	94	90	ENE 3	E 3	10	10	14
22	60.30	59.72	24	27	87	75	E 2	ENE 3	8	6	------
23	60.38	59.64	24.5	25.9	83	78	ENE 3	ENE 3	8	8	------
24	60.86	59.94	24.5	26.1	79	73	ENE 3	ENE 3	8	7	------
25	60.62	59.72	23.5	27.4	79	64	ENE 2	ENE 2	7	3	------
26	60.20	59.75	24	25.5	83	80	ENE 3	ENE 3	9	9	------
27	61.02	60.30	24	28.2	95	69	ENE 3	ENE 2	7	3	------
28	61.04	59.42	23.2	26.5	81	69	ENE 2	ENE 2	5	3	------
29	60.18	59.31	22.5	26.8	87	70	ENE 2	ENE 2	3	3	------
30	60.01	59.14	23.5	26	87	80	ENE 3	ENE 3	9	8	------
31	61.08	59.52	24	26.5	80	70	ENE 3	ENE 2	7	3	------
Mean	61.50	60.46	23.7	26.4	87.4	75.3	2.3	2.4	7.4	5.6	------
Total	------	------	------	------	------	------	------	------	------	------	[a]159.7

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.10	59.01	24.4	27.8	75	70	ENE 2	ENE 2	5	3	------
2	59.91	58.70	23.5	28	79	66	ENE 2	ENE 2	3	3	------
3	60.57	59.66	24.5	27.4	71	67	ENE 2	ENE 2	3	3	------
4	60.53	59.49	24.5	27	79	70	ENE 3	ENE 3	7	5	------
5	60.58	59.98	24.6	27.4	71	66	ENE 3	ENE 3	3	3	------
6	60.58	59.75	23.4	27.7	76	64	ENE 2	ENE 2	2	3	------
7	60.50	59.16	23.9	27.4	76	62	ENE 2	ENE 2	6	5	------
8	60.45	59.87	24	27	78	66	ENE 2	ENE 2	6	3	------
9	60.65	60.36	23	28	91	64	ENE 2	ENE 2	7	3	------
10	61.08	59.90	23.1	27.5	82	62	ENE 2	ENE 3	3	2	------
11	60.96	60.44	22.1	26.6	93	78	ENE 1	ENE 3	7	8	12.7
12	61.50	60.95	23	26	98	72	ENE 3	ENE 8	4	8	------
13	62.20	61.76	23	26.1	83	68	ENE 3	ENE 2	7	6	------
14	62.21	61.46	23	26	87	66	ENE 3	ENE 3	8	8	------
15	62.17	61.35	23.4	27.4	81	62	ENE 3	ENE 2	6	3	------
16	61.79	61	22.9	28	83	54	ENE 3	ENE 2	7	4	------
17	62.09	60.87	23.5	28	88	63	ENE 3	ENE 3	7	3	------
18	61.17	61.17	22	28	91	54	ENE 1	ENE 1	3	2	------
19	62	60.77	22.5	27.7	78	65	ENE 1	ENE 2	8	3	------
20	61.53	60.77	23.5	28	79	58	ENE 2	ENE 3	3	3	------
21	61.23	59.81	22	27.7	78	61	ENE 1	ENE 1	3	3	------
22	60.75	58.90	23	27.7	91	64	ENE 1	ENE 1	8	3	------
23	60.86	60.27	22.4	28.4	92	69	Calm	ENE 2	3	3	------
24	60.66	59.58	22.4	28.2	93	69	Calm	ENE 2	2	3	------
25	60.63	59.51	22.5	27.9	91	62	Calm	ENE 3	3	3	------
26	60.95	60.69	22.4	27.7	92	62	ENE 2	ENE 3	4	3	------
27	62.08	61.13	23.4	28	76	63	ENE 2	ENE 3	3	3	------
28	61.99	60.89	24.9	25.5	80	88	ENE 2	ENE 3	8	7	16
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	61.13	60.26	23.2	27.4	83.3	65.5	1.9	2.3	5	3.9	------
Total	------	------	------	------	------	------	------	------	------	------	28.7

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.95	61.42	24.7	27.5	93	73	ENE 3	ENE 2	8	3	------
2	62.03	61.24	22.6	27.5	83	66	ENE 1	ENE 2	4	3	------
3	61.77	60.01	24	27.9	86	78	ENE 3	ENE 3	8	6	3
4	59.06	58.57	24.5	24.5	96	97	ENE 3	ENE 3	9	10	32
5	58.35	57.32	24	25	96	95	ENE 2	ENE 3	9	10	53
6	58.94	57.16	22.5	27.7	93	82	Calm	ENE 3	9	6	------
7	58.34	57.49	24	28	96	80	ENE 1	ENE 3	8	4	------
8	58.93	57.79	24.5	28	93	74	ENE 3	ENE 2	6	3	------
9	58.57	57.72	24.5	27.9	92	74	ENE 3	ENE 3	4	6	------
10	59.05	58.66	23.5	27.9	85	64	ENE 2	ENE 2	3	3	------
11	58.79	58.39	24	28.2	78	75	ENE 1	ENE 3	3	4	------
12	59.07	58.89	24.5	28.4	92	75	Calm	ENE 3	7	3	------
13	58.83	59.21	23.6	27.1	94	79	Calm	ENE 3	6	4	------
14	59.89	59.36	23.5	28.4	91	71	ENE 1	ENE 3	3	3	------
15	61.08	60.40	22.6	27.5	84	66	ENE 2	ENE 2	3	4	------
16	------	------	------	------	------	------	------	------	------	------	7.4
17	60.75	61.56	24.4	24.8	95	88	ENE 3	ENE 2	7	8	2
18	62.83	61.63	24.6	28.5	83	70	ENE 3	ENE 3	3	3	2.3
19	62.26	60.50	23.6	27.2	90	80	ENE 3	ENE 3	4	4	------
20	60.23	58.66	24	28.5	87	73	ENE 3	ENE 3	4	3	------
21	59.22	58.60	24	28.6	91	73	ENE 1	ENE 2	4	3	2.5
22	59.61	58.68	24.5	28.5	90	75	ENE 2	ENE 3	5	4	------
23	59.89	59.21	24	28.5	95	74	ENE 2	ENE 3	3	5	1.5
24	59.67	58.99	24.2	27.7	86	71	ENE 2	ENE 3	6	4	------
25	59.63	58.99	23.7	28.7	87	69	ENE 2	ENE 3	5	3	------
26	59.08	59	24	28.6	79	62	ENE 2	ENE 3	3	3	------
27	59.16	59.21	24.9	24.6	84	95	ENE 4	ENE 3	9	10	31.2
28	59.78	59.55	24.4	28.5	97	78	ENE 2	ENE 3	4	5	6.6
29	60.30	59.11	25	27.7	85	75	ENE 2	ENE 3	6	4	------
30	59.71	58.73	24.3	28.5	89	70	ENE 2	ENE 2	4	2	------
31	58.22	57.80	24.5	27.8	91	79	NE 2	ENE 3	8	8	9.4
Mean	59.83	59.13	24	27.6	89.4	76	2	2.7	5.5	4.7	------
Total	------	------	------	------	------	------	------	------	------	------	150.9

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.28	58.15	24.5	28.5	92	74	ENE 3	ENE 3	7	3	------
2	59.96	58.68	24.2	28.5	95	77	E 2	ENE 3	3	4	------
3	59.10	58.83	25	25.8	92	98	ENE 3	ENE 2	6	7	15
4	59.12	58.73	25	25.9	99	98	ENE 1	ENE 3	7	8	------
5	59.56	58.23	24.2	30	98	78	ENE 1	ENE 3	3	6	------
6	58.10	57.63	24.9	29.3	93	79	ENE 1	ENE 3	4	4	------
7	59.39	57.87	24.6	29.4	98	75	Calm	E 3	3	3	------
8	59.60	58.83	24.5	28.9	93	78	E 1	E 2	3	3	------
9	60.34	59.88	24.7	29.4	91	71	E 1	E 3	4	3	16.5
10	60.37	59.82	24	23.6	96	99	E 2	E 2	10	9	58.1
11	59.63	58.53	24.5	27.6	87	76	E 1	E 3	9	9	------
12	59.02	58.08	24	28.2	91	69	E 1	E 3	3	3	2.5
13	59.02	58.62	24.6	28.9	84	62	Calm	E 3	6	3	------
14	59.57	58.97	24.5	28.5	97	74	N 1	ENE 2	7	3	------
15	60.24	60.07	24.8	29.4	81	72	ENE 1	ENE 2	3	3	------
16	60.51	58.83	24.9	29	82	68	E 2	E 3	3	3	------
17	59.36	58.12	23.8	29.5	92	68	Calm	ENE 3	3	3	------
18	58.85	58.25	25.7	29.7	82	71	ENE 2	ENE 3	3	3	------
19	59.43	58.46	25.9	29.5	88	74	ENE 2	ENE 3	3	4	3.6
20	60.43	59.77	24.4	29.5	97	75	ENE 1	ENE 3	4	3	------
21	60.97	59.92	26	28.9	88	78	ENE 2	ENE 3	7	7	29
22	59.28	58.31	26	29.2	91	80	ENE 2	ENE 3	4	4	1.3
23	59.49	58.54	26	28.5	92	83	ENE 1	ENE 3	6	6	------
24	58.94	58.86	26.2	28.4	89	82	ENE 3	ENE 3	5	7	1.3
25	59.09	58.68	26.5	30	88	75	E 3	E 3	4	3	------
26	59.76	58.73	26.4	29	86	72	E 2	E 3	4	4	------
27	59.05	58.42	25.5	29.5	90	72	E 2	E 3	4	3	------
28	58.80	57.87	25.6	29.5	82	68	E 3	E 3	3	2	------
29	57.84	57.51	25.2	30	79	67	E 2	E 3	2	8	------
30	58.48	57.87	23.8	29.7	97	72	Calm	E 3	5	4	1.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.39	58.64	25	28.7	90.3	76.2	1.5	2.8	4.6	4.3	------
Total	------	------	------	------	------	------	------	------	------	------	128.8

[a] 30 days of observation.

The barometric readings of this station seem to be too low by about 1 mm.

BATAG.

[ϕ=12° 40′ N ; λ=125° 04′ E ; barometer above sea, 66.66 meters ; gravity correction not applied, —1.77 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.19	58.58	25.4	29.9	86	71	E 3	E 3	8	3	------
2	59.89	58.96	25	30	90	68	Calm	E 3	3	3	------
3	59.78	58.97	26	29.8	91	70	E 2	E 3	4	3	------
4	58.88	57.44	26	30.5	87	68	E 2	ENE 3	4	3	1
5	57.58	56.25	26.4	30	89	67	E 2	E 3	3	3	------
6	57.77	56.65	26	30	80	67	E 2	E 3	8	3	------
7	58.04	57.65	26.2	27.7	90	88	E 3	E 3	6	8	1.3
8	58.06	57.09	26.5	30.2	89	71	E 2	E 3	4	3	1.5
9	57.20	56.19	26.4	30.5	85	74	E 2	E 3	7	5	12.7
10	56.03	55.04	25	28	98	82	SW 2	E 3	8	8	------
11	56.58	55.86	26.3	29.6	83	74	E 2	E 4	7	6	------
12	57.60	57.20	25	30.5	95	70	Calm	E 3	7	3	------
13	57.64	57.05	26.5	30	84	71	E 2	E 3	3	3	------
14	58.38	57.44	26.1	30.5	89	70	E 2	E 3	6	6	------
15	58.74	57.93	25.5	31	92	68	Calm	E 3	4	4	------
16	58.78	57.35	25.3	31	89	68	E 1	E 3	4	3	------
17	58.93	57.14	25.5	30.4	94	68	Calm	E 3	3	3	------
18	58.98	57.48	25.1	30.5	92	68	S 1	E 3	3	3	------
19	58.77	57.08	24.5	31.5	92	68	S 1	E 3	3	4	------
20	58.37	57.13	24.4	31.2	93	64	S 1	E 2	4	3	------
21	58.50	57.88	24.7	30.7	92	66	S 1	E 3	3	3	------
22	60.11	58.58	24.5	30.5	94	67	W 1	E 3	3	3	------
23	59.54	57.93	25	31.4	92	61	W 1	E 3	3	3	------
24	58.11	56.91	24.8	31.2	91	64	Calm	E 3	4	7	------
25	56.37	56.63	26.5	31.5	88	68	NE 2	NE 3	7	8	34.5
26	57.29	56.37	24.6	25	90	96	W 2	NW 3	9	9	25.9
27	55.25	53.86	26	30	96	47	N 3	NE 4	9	8	3
28	54.12	53.40	26.2	30	94	77	N 2	NE 4	8	7	8.9
29	54.59	53.45	25	30.8	93	72	N 2	NE 3	8	6	4.3
30	54.24	53	25.3	29.4	94	75	W 3	W 3	7	8	8.9
31	53.21	52.40	24.8	27.1	98	82	SW 4	SW 5	10	10	------
Mean	57.63	56.61	25.5	30	90.6	70.6	1.6	3.1	5.5	4.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	102

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.96	55.25	25.5	28.6	84	83	SW 3	NE 2	9	9	7.6
2	57.03	55.94	24	28.4	90	47	Calm	S 3	9	9	------
3	57.26	56.45	25	28.2	92	83	S 1	S 2	9	9	2
4	57.61	56.49	25	24.3	97	93	W 1	S 3	6	9	7.4
5	58.11	57.58	25	27	95	96	Calm	S 2	6	8	------
6	59.59	57.65	25	29.5	92	79	E 2	E 3	6	5	------
7	59.13	57.55	25	29.6	97	79	Calm	E 2	5	3	------
8	58	57.30	25.6	24	92	77	E 1	E 3	6	6	------
9	58.12	57.03	25.7	29	93	80	E 3	Calm	5	7	------
10	58.45	57.50	25.9	29.6	93	78	Calm	E 3	8	3	------
11	58.90	57.24	26.4	30	89	71	E 1	E 3	4	2	------
12	58.28	56.79	25.6	30	92	65	E 1	E 3	3	2	------
13	57.61	56.54	25.3	30.4	94	72	E 1	E 3	4	3	------
14	58.28	56.83	26	30	94	67	E 1	E 3	3	3	------
15	57.69	56.20	26.9	29.6	87	73	E 3	E 3	4	4	3.8
16	57.40	55.41	25	30	95	73	E 1	E 3	6	4	3.6
17	56.16	55.17	25	29.5	96	71	E 2	NE 4	6	8	14
18	51.08	36.25	27.4	-----	74	-----	NE 5	E 11	10	10	190.6
19	54.57	55.05	25	29.5	88	67	E 3	ESE 2	8	9	------
20	56.74	56.11	25.4	29.5	92	78	E 2	E 3	8	8	------
21	57.46	56.55	26	29.8	88	77	ESE 1	ESE 3	4	6	------
22	57.86	56.91	24.5	30	96	64	ESE 1	E 3	4	3	------
23	57.50	56.75	24.5	30.8	99	72	Calm	E 3	3	4	3.3
24	56.57	56	25.5	28.3	94	82	E 2	E 3	7	7	59.7
25	56.43	55.71	23.6	27.6	94	81	NE 2	NE 3	10	9	30.2
26	55.72	55.05	24.5	27.7	99	86	S 2	W 3	10	9	3
27	54.41	53.31	25.6	27	95	84	W 3	W 4	10	7	------
28	53.33	53.01	25	27.6	95	81	W 3	W 3	9	6	------
29	54.30	53.33	25.4	30	92	68	W 2	W 4	7	8	------
30	54.68	53.93	25	30.5	92	65	W 2	W 4	8	6	1.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	56.77	55.36	25.3	28.8	92.3	75.6	1.6	3.1	6.6	6.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	327

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.43	54.41	25	30.5	92	71	W 2	E 3	6	3	------
2	55.76	54.93	24.4	30.5	97	68	Calm	E 3	3	3	------
3	55.63	54.22	26	29.9	92	72	W 2	W 3	8	4	------
4	54.09	52.50	26	29.7	92	73	W 4	W 5	7	8	------
5	52.84	53.11	26	25.4	85	92	W 5	W 5	8	9	3.3
6	53.31	52.03	26	30.5	81	62	W 5	W 5	5	7	------
7	53.83	52.73	26.9	31	76	56	W 2	WSW 5	7	8	------
8	54.67	54.37	25	30.7	92	63	S 2	S 3	7	7	------
9	55.66	54.03	25	31.9	92	51	S 1	W 3	4	4	------
10	54.25	53.89	27	29.2	95	72	W 4	W 4	8	9	------
11	54.74	54.53	26.6	31.1	87	61	W 4	W 4	9	9	------
12	55.82	54.93	25.6	32	90	58	W 2	W 4	8	8	------
13	56.30	55.57	25	31.5	97	65	W 2	W 3	8	7	------
14	57.23	55.83	25	32.2	95	61	W 1	W 3	5	3	------
15	56.71	55.72	26	30.5	92	67	W 2	W 3	4	8	------
16	55.73	54.65	26	30.5	92	72	W 2	W 3	6	4	------
17	55.29	54.42	25	31	95	64	W 2	SW 3	5	4	------
18	55.83	54.79	25	31.4	92	67	SW 2	W 3	3	3	------
19	56.11	54.97	25	31.4	100	68	Calm	W 3	9	7	10.2
20	55.85	55.01	24.4	28.5	100	81	W 1	W 2	8	7	18
21	56.48	55.12	24.2	30	98	73	Calm	W 3	8	4	4.3
22	55.36	53.56	24.8	29.5	98	72	SE 1	W 3	9	4	------
23	54.19	52.39	25	31	92	65	W 2	W 4	4	4	5.3
24	53.91	53.80	25	30.4	95	64	W 2	W 4	6	7	------
25	54.74	54.21	25.5	31.7	91	56	W 2	W 4	7	4	------
26	55.68	55.27	25	31.4	92	63	W 1	W 3	5	6	------
27	56.28	55.93	25.3	30.3	94	79	W 2	W 2	8	9	------
28	57.50	56.87	25	31.4	92	67	W 1	W 3	8	4	------
29	58.43	57.03	25	31.6	96	68	Calm	E 3	3	3	------
30	57.18	56.58	25.5	31	96	65	E 1	E 3	3	3	------
31	58.72	56.81	24.2	30	98	71	Calm	E 2	4	3	------
Mean	55.60	54.65	25.3	30.6	92.8	67.3	1.8	3.4	6.2	5.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	41.1

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.02	57.02	25.5	31	94	64	W 1	E 2	3	3	------
2	57.60	56.93	27	31	84	59	Calm	E 3	3	7	12.2
3	56.77	55.34	23.5	29.5	99	75	W 1	NW 3	8	6	------
4	56.01	55.36	24.1	30	99	71	W 1	W 3	4	3	25.7
5	56.29	55.70	25	30	99	71	Calm	NW 3	8	6	31.2
6	56.67	55.81	23.7	29.5	98	79	W 1	W 1	9	8	99.1
7	56.79	56.04	23.5	28.5	99	81	W 2	W 2	8	8	------
8	56.32	55.53	24.6	26.6	98	84	SSW 1	SSW 3	9	9	------
9	56.29	55.41	24	28	99	82	SSW 2	SSW 3	9	8	------
10	55.28	53.84	24.4	26	97	95	SSW 3	SSW 4	8	8	4.8
11	52.81	52.23	24.5	28.5	92	71	SSW 4	SSW 4	8	9	------
12	52.46	51.98	25	29.1	97	74	SSW 4	SSW 5	9	7	------
13	54.29	53.56	24.5	28.5	92	74	SSW 2	S 3	7	7	1.5
14	55.61	55.40	25	29.5	92	81	S 2	E 2	5	6	------
15	56.57	55.46	24.5	29.5	99	75	W 1	W 2	4	3	3.3
16	56.19	54.89	25.5	30.8	96	74	W 1	W 2	7	4	2.5
17	56.26	55.50	24.5	30	96	74	W 1	W 3	4	3	------
18	56.52	55.31	24.6	30	98	73	W 1	W 3	5	5	------
19	55.80	55	24.5	30.5	97	71	W 2	W 3	5	5	------
20	55.35	54.85	25	30	97	70	W 2	W 3	7	6	------
21	54.93	54.37	26	28	89	80	SW 2	SW 4	5	7	------
22	55.37	54.61	26	29.4	85	72	SW 3	SW 4	7	8	------
23	56.79	55.79	25.4	29.5	88	68	SW 2	SW 3	8	7	------
24	57.63	55.94	25.4	30	97	71	SW 1	SW 4	4	5	------
25	56.57	55.37	25.5	30.5	84	66	SW 3	SW 3	7	6	------
26	55.54	53.64	25.4	31.4	93	57	SW 1	SW 4	6	6	------
27	54.55	53.31	25.4	32.3	88	55	SW 2	SW 5	4	3	------
28	55.92	54.36	26.4	32.2	81	50	SW 3	SW 5	4	2	------
29	56.99	55.76	26	32	89	54	SW 2	SW 5	3	3	------
30	56.40	54.91	26	32.2	89	53	SW 2	SW 5	3	3	------
31	55.05	54.48	26	31.6	90	63	SW 2	SW 4	6	4	------
Mean	55.92	54.96	25	29.9	93.4	70.5	1.8	3.3	6	5.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	180.3

BATAG.

[φ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, −1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.83	53.13	25.5	31.7	91	62	SW 2	SW 5	7	4	------
2	54.48	53 09	26	31.2	89	69	SW 3	SW 5	4	7	2.5
3	53.54	52.29	26	29	89	74	SW 4	SW 5	8	9	------
4	53.52	52.22	26.6	31.5	80	63	SW 4	SW 5	9	7	5.1
5	54.75	52.43	25.6	30	87	74	E 2	SW 4	10	8	33.8
6	53.72	52.12	25.3	30.7	86	65	SW 4	SW 5	7	6	------
7	53.76	53.36	27	29.5	84	68	SW 3	SW 5	7	7	14.2
8	54.86	54.19	25.9	25.5	93	83	SW 3	SW 4	9	9	7.4
9	54.48	54.22	25	29.5	83	68	SW 2	SW 5	6	9	6.4
10	55.31	54.37	25.4	30	90	69	SW 2	SW 4	8	8	------
11	56.39	54.50	26	30.6	89	69	SW 2	SW 3	7	6	------
12	56.18	55.04	25.4	29.5	93	70	SW 2	W 4	6	6	------
13	56.51	55.31	24.6	29.5	90	70	W 3	SW 4	7	3	------
14	57.46	56.28	24	29.6	91	70	SW 4	SW 3	8	5	2.3
15	57.98	56.50	24.5	80	92	70	SW 2	SW 3	6	3	------
16	57.56	56.24	24	30.2	99	68	W 1	W 3	3	4	------
17	56.71	55.38	24.5	31.5	99	68	Calm	W 2	6	3	------
18	57.29	56.60	25	31	92	65	SW 2	W 1	3	3	------
19	58.70	57.15	24.4	31.4	93	68	W 1	W 1	3	3	------
20	58.36	56.98	24.8	31	98	64	W 1	W 2	3	4	3.6
21	57.39	56.55	25	26.6	92	90	N 1	W 1	7	8	13.2
22	56.21	55.07	25.5	30.3	96	76	NW 3	NW 3	8	7	5.1
23	55.58	54.46	26	28.3	90	82	NW 3	NW 2	8	8	7.4
24	55.79	55.24	25.5	27.7	96	82	WNW 2	NW 1	9	7	------
25	56.57	55.31	24.2	29.7	98	76	Calm	W 1	4	3	10.4
26	56.59	55.26	24	27.8	91	79	W 2	W 3	3	7	------
27	56.64	55.25	25	29.7	92	75	W 1	W 2	6	5	------
28	56.92	55.22	24.5	29.8	96	73	W 1	W 3	5	4	------
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	56	54.78	25.2	29.7	91.4	71.8	2.1	3.2	6.3	5.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	111.4[a]

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.67	56.74	25.3	30.5	96	71	W 1	W 1	3	3	------
2	58.43	57.14	25	30.5	96	72	E 1	E 3	3	3	3
3	58.75	58.09	26	30.2	90	70	E 2	E 3	3	3	------
4	59.15	57.99	25.9	30.4	88	69	E 1	E 3	3	3	3.3
5	59.51	58.15	25	27.8	92	82	E 1	E 1	3	7	13.7
6	59.03	58.15	25.3	28	94	82	E 1	E 3	3	6	1.8
7	58.59	57.52	25	29.7	97	77	E 3	E 3	6	5	3.6
8	59.31	58.14	26.5	28.4	88	83	E 3	E 3	4	4	10.7
9	59.45	58.27	25.5	29.5	88	75	E 2	E 3	4	3	------
10	59.20	57.97	25.5	29.4	83	72	E 2	E 2	7	3	------
11	57.88	57.23	25.6	26.3	87	86	E 2	E 3	6	7	14.2
12	58.21	57.38	25	28.5	88	70	E 1	E 2	7	6	------
13	58.91	58.28	25.4	29.5	77	66	E 1	E 3	6	6	------
14	59.92	58.81	25	26.5	80	77	E 1	E 1	5	9	2.5
15	59.95	58.22	23.8	28.5	90	66	E 1	E 2	9	4	1.3
16	59.47	58.49	24	29	91	68	E 1	E 2	7	4	------
17	59.88	58.83	25.5	28.5	88	77	E 1	E 3	4	4	4.1
18	59.90	58.08	25.5	29.6	88	70	E 2	E 2	4	3	------
19	59.13	58.15	24.5	29.9	92	69	E 1	E 3	3	3	------
20	59.75	59.17	25.5	28.2	84	73	E 1	E 2	3	8	------
21	60.48	59.98	25.5	30.2	93	68	E 1	E 2	7	3	1.3
22	59.88	59.10	24.5	27.4	87	81	E 1	E 2	4	3	------
23	59.69	59.22	26	26.7	84	83	E 4	E 4	6	7	18.3
24	60.11	59.31	25.6	28.5	92	70	E 4	E 4	7	3	------
25	60.48	59.35	26.2	28.5	76	73	E 4	E 4	4	4	------
26	60.20	58.95	26	29.8	81	66	E 3	E 2	6	4	------
27	59.64	58.55	26.3	28	77	80	E 3	E 3	4	6	1.8
28	60.15	59.45	24.5	28	96	80	E 1	E 4	5	6	12.7
29	60.37	59.15	25	28.4	93	72	E 3	E 4	7	4	8.9
30	59.74	58.75	25	27	87	80	E 3	E 3	8	7	1.3
31	60.35	59.22	25.4	27.7	88	87	E 2	E 3	8	5	45.2
Mean	59.49	58.45	25.3	28.7	88.1	74.7	1.9	2.7	5.1	4.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	147.7

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.41	59.22	24.6	28	97	85	E 1	E 3	4	6	------
2	60.16	59.15	25.6	28.5	87	74	E 3	E 2	4	3	------
3	58.91	57.88	25.2	28.2	82	83	E 2	E 2	3	4	5.3
4	59.45	58.50	25	24.5	92	99	E 1	E 2	5	8	21.1
5	59.62	58.13	24.9	28	96	82	E 1	E 2	3	3	------
6	58.95	57.81	24.5	29.4	92	62	E 1	E 1	3	3	------
7	58.51	57.36	25.4	29	88	75	E 1	E 2	4	3	10.2
8	58.45	57.25	24.5	28.4	87	75	E 2	E 3	8	6	8.1
9	58.65	58.03	24.7	28.9	90	78	E 1	E 2	9	4	2.5
10	58.48	57.29	25.5	28.6	91	80	E 2	E 3	4	4	------
11	58.13	56.86	26.2	28.5	78	77	E 3	E 3	4	3	------
12	58.08	57.01	25.5	27	93	89	E 2	E 3	3	5	5.6
13	58.24	57.32	25.6	28.5	95	81	E 1	E 3	5	3	------
14	58.83	57.27	25.4	28.6	88	78	E 1	E 3	3	3	------
15	58.18	57.11	25.4	28.6	88	73	E 3	E 3	7	5	1.3
16	58.20	56.34	25.5	29	89	78	E 1	E 3	4	6	8.2
17	57.88	56.81	25.8	29.5	85	78	E 3	E 3	6	4	------
18	57.89	57.07	25	29.5	88	76	E 1	E 2	3	3	------
19	58.63	58.13	25.6	29	92	78	E 1	E 3	6	6	------
20	59.34	58.06	26	29.5	92	75	E 3	E 3	5	3	------
21	59.28	58.20	25.4	29.4	93	68	E 1	E 2	3	3	1.8
22	59.11	58.04	25.5	29	91	79	E 3	E 3	5	3	------
23	59.32	58.32	26.4	29.3	84	70	E 3	E 3	4	3	1.3
24	59.08	57.42	25.5	27.7	93	87	E 2	E 3	7	6	8.1
25	57.91	57.40	25.4	25.5	97	99	E 2	E 3	9	10	15.5
26	57.93	57.46	25.5	26.9	96	86	NE 4	NE 4	8	8	------
27	59.35	58.11	25	25	97	99	NE 1	NE 2	8	7	21.8
28	59.39	57.21	25.4	28.4	80	75	NE 3	NE 3	6	5	50.8
29	58.43	57.59	24.5	28	99	80	NE 2	ENE 3	7	5	2.5
30	58.68	57.61	25.4	28	93	85	ENE 3	ENE 3	8	7	9.9
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.78	57.67	25.3	28.2	90.4	80.1	1.9	2.7	5.3	4.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	174

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.93	57.85	26	28.5	92	81	ENE 3	ENE 2	4	3	9.4
2	59.35	58.06	25	28.5	95	81	ENE 2	ENE 3	7	3	7.1
3	58.91	57.71	26	28	84	85	ENE 1	ENE 3	4	6	3.8
4	57.93	57.41	26	28	92	86	ENE 3	ENE 2	9	4	19.8
5	58.15	57.02	25	25	99	96	ENE 2	ENE 2	9	9	5.6
6	58.96	57.41	25	28.4	99	82	ENE 2	ENE 3	8	3	------
7	58.91	57.68	25.5	28.3	88	85	ENE 2	ENE 3	4	4	2.5
8	58.99	57.26	25	28.5	92	82	ENE 2	ENE 2	5	4	12.7
9	57.94	57.45	25.4	28	93	77	ENE 3	ENE 3	5	3	5.1
10	58.43	57.29	25.5	27.9	83	78	ENE 4	ENE 4	4	3	10.2
11	58.46	56.95	25	25.2	88	88	ENE 4	ENE 2	10	9	16.3
12	58.43	57.36	26.2	26.7	90	79	ENE 3	ENE 3	7	8	1.8
13	58.65	58.20	25.5	27.5	84	73	ENE 3	ENE 3	4	3	------
14	59.41	59.32	25	27.4	83	89	ENE 2	ENE 2	3	4	------
15	59.44	58.49	25.5	28	88	77	ENE 2	ENE 3	3	5	33
16	60.51	59.50	24	27.6	95	80	ENE 2	ENE 3	10	3	3.8
17	60.80	59.74	25	28	83	74	ENE 1	ENE 2	7	3	------
18	59.97	58.99	24.5	28	87	77	ENE 2	ENE 2	4	3	------
19	58.97	58.21	24.1	28	91	79	ENE 2	ENE 2	10	8	------
20	58.60	57.19	25	27.5	92	81	ENE 3	ENE 3	7	9	13.2
21	58.66	57.25	25.9	28.5	93	83	ENE 3	ENE 3	8	3	------
22	58.51	57.49	25.4	28.9	88	77	ENE 2	ENE 3	4	3	------
23	58.97	58.71	24	28	95	88	Calm	ENE 2	4	3	------
24	59.95	59.15	25	28.5	88	74	ENE 3	ENE 3	6	3	------
25	60.92	59.72	25.5	27.9	80	67	ENE 3	ENE 2	5	3	------
26	60.98	59.86	23	27	99	86	ENE 1	ENE 3	10	6	3.6
27	60.82	59.76	25.6	27.9	87	82	ENE 2	ENE 3	5	4	------
28	60.58	59.33	24	26.4	91	84	ENE 2	ENE 2	9	8	20.4
29	59.44	58.23	24	26.5	91	82	ENE 1	ENE 3	9	7	1.5
30	58.68	58.15	24.2	26	90	84	ENE 3	ENE 3	7	9	------
31	59.73	59.44	24	28	91	73	E 2	E 1	3	3	------
Mean	59.26	58.26	25	27.6	90	81	2.3	2.6	6.3	4.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	169.8

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[a] 28 days of observation.

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

Day.	JANUARY. Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.	FEBRUARY. Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	64.06	62.38	23.5	24.4	96	97	NE 2	NE 3	6	5	61.2	61.41	60.27	24.6	28.3	92	68	E 3	E 2	4	3	------
2	63.39	62.21	25.4	28.5	92	88	NE 3	E 3	7	7	25.4	60.84	60.03	24.7	28.5	86	71	E 3	E 2	3	3	------
3	63.88	63.49	23.6	26.5	97	85	E 3	NE 4	6	5	9.9	61.79	61.09	24.5	28.5	94	71	E 3	E 3	3	3	------
4	63.81	63.13	24	26	94	84	NE 6	ENE 5	7	6	------	61.53	60.82	25.5	27.3	92	81	E 5	E 4	3	8	------
5	63.78	63.25	24.5	27.8	92	77	E 3	ENE 3	5	6	3.8	61.78	61.34	25.2	28.3	82	66	E 5	E 3	8	3	------
6	63.66	62.79	25	28.5	96	78	E 3	E 3	4	4	------	61.54	60.87	24.5	27.8	89	84	E 2	E 2	3	3	4.8
7	64.11	62.88	20.5	28.4	93	75	E 3	E 3	3	4	------	61.66	60.28	23	27.4	96	89	E 3	E 2	3	4	------
8	64.06	63.29	24.5	28.8	96	78	NE 3	NE 5	6	6	8.4	61.67	60.62	20.5	28.5	91	68	ENE 2	E 2	5	3	------
9	63.92	63.20	23.8	25.5	97	74	NE 6	NE 6	7	6	------	62.09	61.01	20.9	28.6	88	71	E 2	E 2	4	4	------
10	64.29	63.13	23	26.5	74	68	NE 3	NE 2	5	6	------	62.51	61.32	25	27.9	90	71	E 3	E 3	3	3	------
11	64.41	63.17	21.2	27.8	94	70	NE 2	NE 2	6	3	------	62.43	62.15	22.3	24.5	92	91	E 2	E 2	4	8	19.1
12	63.70	61.37	23	27.6	91	84	NE 2	NE 3	5	5	15.3	62.73	62.71	23.5	25	87	80	NE 2	E 3	4	7	5.1
13	62.44	61.13	24	27.4	96	84	NE 2	ENE 3	5	6	14.3	63.40	63.10	24	26.4	82	72	E 3	E 4	7	7	10.4
14	62.20	61.29	23.5	27.6	96	83	ENE 2	E 2	7	4	13.2	63.44	62.84	23.5	27.1	89	69	E 3	E 3	8	6	------
15	63.06	61.53	22	28.5	96	77	NE 2	E 3	4	3	------	63.81	62.83	23.8	27.2	81	64	E 4	E 3	4	3	------
16	63.28	62.41	23.4	28.3	85	80	NE 2	NE 3	3	4	------	63.41	62.47	24	27.8	77	61	E 2	E 3	3	5	------
17	63.38	62.53	24.5	28.5	92	75	ENE 4	NE 4	8	3	------	63.19	62.34	24.6	28.4	77	73	E 3	E 2	4	3	------
18	63.18	61.55	22.4	28	89	77	NE 2	E 4	4	5	------	62.70	61.44	19.4	28.5	90	64	E 2	E 2	4	3	------
19	62.19	60.07	24.5	28.5	87	70	E 3	NE 2	4	3	------	62.98	61.89	18.9	28.1	93	65	E 1	E 2	3	3	------
20	61.21	60	23	26.6	96	84	NE 2	NE 2	8	8	1	62.71	61.97	25	27.9	76	64	E 3	E 2	4	3	------
21	61.24	60.52	24.5	25.5	94	88	NE 3	ENE 3	6	7	2.5	62.22	61.04	21.4	28.3	87	56	E 2	E 2	6	2	------
22	61.70	61.02	25.5	27.2	92	80	E 3	ENE 4	7	5	------	61.63	60.22	19.6	28.9	94	66	E 2	E 2	3	3	------
23	61.98	61.17	25	28	90	74	E 8	NE 4	5	5	3.3	62.05	61.02	21.5	29	88	68	E 2	E 2	3	3	------
24	62.21	61.27	25	27.5	92	77	NE 3	NE 3	8	4	1.3	61.79	60.57	21.5	29	94	61	E 2	E 2	3	3	------
25	61.80	60.83	24.5	27.5	87	70	E 4	E 3	3	3	------	61.87	60.74	21	29.6	95	69	E 2	E 2	3	3	------
26	61.63	61.08	24	27.2	97	74	NE 3	NE 4	5	8	7.1	62.26	61.99	23	28.8	92	69	E 2	E 2	5	4	------
27	62.48	61.48	25	28.4	92	77	E 3	E 3	6	8	2	63.35	62.79	25	28.8	76	68	E 2	E 2	3	4	------
28	62.26	60.64	21.8	27.6	88	69	NE 2	E 2	3	3	1.5	63.02	62.49	25.8	28.3	81	77	E 2	ENE 2	7	8	42.2
29	61.49	60.42	24	28.2	85	72	E 3	E 3	3	3	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	61.36	60.52	23	28	96	77	E 2	E 3	6	8	3.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	62.19	61.02	25.3	27.5	89	76	E 4	E 3	8	4	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.85	61.77	23.8	27.5	92	78.1	2.9	3.2	5.5	5.1	------	62.35	61.51	23.1	28	87.5	70.6	2.6	2.4	4.2	4.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	173.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	81.6

Day.	MARCH. Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.	APRIL. Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.19	62.59	24.5	28.3	96	77	E 4	E 3	8	5	------	60.19	59.05	22.6	30.2	97	69	NE 2	NE 2	7	6	6.4
2	63.66	62.48	23.5	28	87	70	E 2	E 2	3	3	------	61.05	59.62	21.5	31	94	71	NE 2	NE 2	3	3	3.8
3	63.15	61.38	23.3	29	89	74	E 2	E 2	3	6	------	60.14	59.47	26.5	30.5	86	75	NE 2	NE 2	3	10	10.7
4	61.41	60.62	24.5	29.8	92	71	E 2	E 2	5	8	50.8	60.23	58.77	25.3	31.2	94	77	E 2	E 2	3	3	------
5	59.55	58.25	24.6	25.5	97	98	NE 4	NE 3	10	8	44.2	60.49	59.25	26.5	31.2	92	72	NE 2	E 2	4	4	10.2
6	59.93	58.04	23.8	28.5	97	81	NE 1	NE 2	6	6	------	59.64	58.52	26.8	30.6	89	74	E 2	E 2	4	3	------
7	59.43	58.30	25.5	29.2	93	78	E 2	E 2	4	3	------	60.25	58.52	25.5	31	96	71	E 2	E 2	4	3	------
8	60.09	58.76	26	28.6	90	76	E 2	E 2	4	6	------	60.44	59.82	25.7	31.5	93	70	NE 2	NE 2	3	3	8.4
9	59.72	58.89	25.8	29.1	89	76	E 2	E 2	3	3	------	61.52	61.11	26	30.5	92	74	NE 2	NE 2	3	4	7.9
10	60.23	59.76	25.8	28.6	82	65	E 2	E 2	4	3	------	61.87	61.11	24.8	25.2	97	95	NE 2	NE 2	10	8	17.7
11	59.99	58.89	20.2	29.5	93	78	E 2	E 2	3	3	8.9	60.85	59.42	25.2	29.3	88	73	NE 2	NE 8	6	8	------
12	60.29	59.94	24.5	29.5	96	77	E 2	E 2	8	3	------	60.18	59	25.2	30	80	71	NE 2	NE 2	3	3	------
13	60.86	59.98	22.4	29.8	96	73	E 2	E 2	2	3	------	60.10	59.41	26	30.5	87	68	E 2	E 2	4	3	------
14	63.92	60.62	25.5	29.8	89	73	E 2	E 2	3	3	------	60.71	59.91	25	30.5	90	67	E 2	E 2	4	3	------
15	62.60	61.72	22.5	29	92	68	E 2	E 2	3	2	6.4	61.45	60	23.8	30.8	91	71	NE 2	NE 2	4	3	------
16	61.44	60.97	25.5	28.2	92	82	E 4	E 4	8	7	12.9	61.71	59.62	24.5	31	90	68	ENE 2	NE 2	3	3	------
17	62.51	62.34	23.6	28.9	97	78	E 2	E 4	8	7	5.3	60.44	59.52	23.7	30.6	93	67	NE 2	NE 2	3	3	------
18	64.07	62.94	25.8	29.4	84	74	NE 3	NE 2	4	4	------	60.86	59.90	24.6	30.6	93	64	NE 2	NE 3	3	3	------
19	63.18	61.69	24.6	29.8	88	70	NE 2	NE 2	6	5	------	60.64	59.15	24.8	31.2	92	67	E 2	E 2	3	3	13.2
20	61.24	59.41	25.6	29.9	81	71	E 2	E 2	3	8	------	61.49	60.97	26	30.8	92	65	E 2	E 2	4	3	------
21	60.23	59.23	25.6	29.9	87	72	E 2	E 2	4	3	------	61.96	61.11	25.2	30.9	88	71	NE 2	NE 3	3	3	2
22	60.41	59.67	25.4	30.2	88	71	E 2	E 2	4	3	------	60.40	59.22	27.6	30	91	80	NE 3	NE 2	4	4	5.8
23	60.77	59.62	25.8	30.4	84	72	E 2	ENE 2	3	3	------	60.73	59.51	25.6	31.9	95	72	E 2	E 2	3	3	------
24	60.55	59.92	26.3	30.1	85	68	E 2	E 3	3	3	------	60.19	59.99	26.8	28	92	86	NE 2	NE 1	3	6	2.5
25	60.65	60.17	24.2	30.1	93	72	E 3	E 2	3	3	1.5	60.37	59.80	27	31.9	92	76	E 2	E 2	3	4	------
26	60.27	59.32	26	30	82	71	E 2	E 3	4	3	------	60.73	59.78	26.5	31.8	93	69	NE 2	NE 2	4	3	------
27	60.80	59.98	25	28.6	80	69	N 3	NE 2	7	6	3.3	60.84	59.75	26.4	31.9	92	68	NE 2	NE 2	3	3	------
28	60.90	60.43	25.9	28.1	86	79	NE 3	E 3	5	6	2	59.08	58.37	26.5	31.6	91	63	NE 2	E 2	3	3	------
29	61.60	60.32	26	30.2	84	72	E 3	NE 3	3	3	------	59.03	58.60	26.5	31.6	93	63	E 2	E 2	4	3	------
30	60.83	59.78	23.5	30.4	92	65	NE 2	NE 2	3	3	------	59.92	58.90	25.5	32	89	69	E 2	NE 2	3	3	------
31	59.56	58.34	21.4	30.5	93	68	ENE 2	ENE 2	3	4	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.19	60.14	24.6	29.3	89.5	73.8	2.3	2.3	4.5	4.4	------	60.58	59.57	25.5	30.7	91.4	71.5	2	2.1	3.8	3.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	135.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	88.6

GUBAT.

[φ = 12° 55′ N; λ = 124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.40	59.51	27.4	31.9	84	72	NE 3	E 2	4	3	------	55.43	55.79	28.4?	27.5	72?	82	SW 3	SW 2	6	7	2.5
2	61.12	59.95	27	32.5	90	66	NE 2	NE 2	3	3	------	57.69	56.62	27	28.8	84	79	SW 2	SW 2	5	4	17.8
3	60.97	59.56	27.8	32.5	84	-----	E 2	NE 2	9	3	1	59.53	56.94	24	30.5	92	76	SW 2	SW 2	10	6	12.5
4	60.02	59.20	27.5	32.4	87	-----	E 2	E 2	6	4	------	58.77	57.77	24.7	31	92	77	SW 1	SW 1	5	6	3.8
5	59.43	58.45	27	32.3	90	66	NE 2	NE 2	4	4	------	60.34	58.15	24.6	31.4	93	73	SE 2	SE 2	4	4	2.5
6	58.77	57.76	27.5	32.4	87	66	NE 2	NE 2	4	3	------	60.93	58.71	24.4	31.4	95	75	SE 2	SE 2	3	3	------
7	59.12	58.61	28.2	31.9	86	-----	E 2	E 2	4	4	2.5	60.14	58.76	27.6	31.7	89	73	ESE 2	ESE 2	5	4	------
8	59.18	58.35	27.8	32	84	-----	ENE 3	E 3	8	5	1.3	59.20	58.38	27.4	32.6	93	-----	SE 2	ENE 2	3	4	------
9	58.21	56.92	27.5	31.9	91	72	E 2	E 2	4	3	4.8	59.32	58.26	27.6	32	84	-----	ESE 2	ESE 2	5	3	------
10	56.81	56.08	27	29.5	94	81	E 2	E 2	6	10	------	59.37	58.70	27.7	32.5	84	-----	E 2	E 2	4	3	------
11	57.60	56.98	27.4	32	89	-----	E 2	E 2	3	3	------	60.02	58.40	27.5	32.5	88	71	E 2	NE 3	4	3	1.3
12	58.95	58.33	27.5	32	81	72	E 2	E 2	3	4	------	59.43	57.93	26.5	32	93	69	NE 2	E 2	3	3	------
13	59.30	58.73	27.6	31.8	83	71	E 3	E 3	4	4	------	58.75	57.95	27	33	92	-----	E 2	NE 2	3	3	------
14	59.68	58.70	26	32.8	94	-----	E 2	E 2	4	3	------	59.49	58.20	26.5	32	93	72	E 2	E 2	4	3	1
15	59.97	58.92	25.2	32.7	94	-----	E 1	E 2	2	3	------	58.90	57.57	27	32.5	90	-----	E 2	E 2	3	4	23.9
16	59.77	58.40	25	33	95	-----	E 2	E 2	3	3	------	58.42	56.36	26	32.4	97	-----	NE 2	NE 2	4	4	25.4
17	59.92	58.31	25	32.5	95	-----	E 2	E 2	2	2	------	57.43	56.22	24	31.8	97	-----	NE 2	NE 3	5	7	50.8
18	59.97	58.58	25.5	32.6	89	-----	E 2	E 2	2	3	------	55.45	49.83	25	26	92	92	NE 4	N 8	8	10	71.9
19	59.89	59	26.7	32.6	90	-----	E 2	E 2	3	4	------	54.41	55.70	24.5	27	96	87	S 3	S 1	8	4	------
20	59.23	57.96	26	33	90	-----	E 2	E 2	3	3	------	57.74	56.83	25.8	30.6	95	75	S 2	S 2	3	4	------
21	59.58	58.79	25.6	33.4	92	-----	E 1	E 2	2	2	------	58.97	58.03	25.8	31	93	73	S 2	S 2	3	3	------
22	61.35	59.70	25.2	32.2	90	68	E 2	E 2	3	3	------	59.39	58.21	25	30.6	97	74	S 2	E 2	3	3	------
23	59.96	58.98	25.2	32.2	90	66	E 2	E 2	3	3	------	58.89	58.12	25.7	31.5	94	72	NE 2	NE 2	3	3	1.5
24	59.35	58.32	25.3	32	94	66	W 2	W 2	6	5	------	58.26	57.43	25.5	29.5	96	80	NE 2	NE 2	4	4	2
25	58.85	57.74	25.5	30.3	94	75	W 2	W 2	6	6	10.9	57.54	56.71	25.5	27.5	95	88	NE 2	NE 2	4	6	27.4
26	57.64	56.99	25.5	27.9	96	77	W 1	NW 2	5	8	13.2	57.46	56.45	24.7	31.3	96	71	W 2	W 2	3	6	------
27	56.46	55.84	26.5	25.8	88	85	N 2	N 3	6	10	5.1	56.02	54.66	25.5	29.5	95	79	W 2	W 2	3	6	3.8
28	55.04	53.71	26.4	28.5	94	78	NW 2	NW 2	5	4	------	54.55	53.70	26	32	95	69	SW 2	SW 3	7	4	------
29	53.86	53.49	26	27.6	90	80	W 2	SW 3	4	5	------	55.41	53.95	26.7	31.3	86	70	SW 1	SW 3	3	5	------
30	54.14	52.95	26	28	90	79	SW 2	SW 2	4	7	22.1	55.54	54.83	26.4	30.6	86	73	SW 2	SW 2	4	6	1.5
31	54.31	53.04	26	27.4	90	86	SW 2	SW 2	8	7	7.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.67	57.67	26.4	31.3	89.8	73.7	2	2.1	4.3	4.3	------	58.09	56.84	26	30.8	91.5	76.1	2.1	2.3	4.4	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	68.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	249.6

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.05	55.34	25.7	31.9	93	70	SW 2	SW 2	5	8	------	59.23	58.10	24.5	32.5	92	69	SE 2	E 2	3	3	------
2	57.04	56.43	25.4	29.5	93	78	SW 2	SW 3	6	8	2	58.87	57.36	24.5	33.8	94	66?	E 2	E 2	4	4	------
3	57.36	55.67	26.2	30	94	80	SW 2	SW 2	8	8	------	57.68	56.21	24	31.6	96	68	N 2	N 2	4	4	------
4	55.21	54.17	25	32.1	90	67	SW 3	SW 4	4	4	8.4	56.26	56.58	24	32.5	96	66	E 2	E 2	3	4	2
5	54.57	54.45	25.5	26.9	95	90	SW 2	SW 2	8	10	17.1	57.56	56.79	24.5	31	92	71	E 2	E 2	6	10	27.9
6	54.19	53.38	25.5	30	93	68	SW 2	SW 3	10	10	------	57.76	57.12	24.5	29.9	92	79	NE 2	N 2	8	10	10.7
7	54.99	53.90	25.5	31.2	89	64	SW 2	SW 3	4	10	2	57.58	57.17	24.1	29.4	96	78	N 2	N 2	4	8	------
8	55.42	55.09	26.2	32.5	87	63	SW 1	SW 3	4	5	------	57.56	56.72	23.9	29.4	96	78	NE 2	NW 2	5	8	------
9	56.55	55.17	26.2	33.2	89	63	SW 2	SW 3	3	3	------	57.52	56.32	25	30.8	93	73	NW 2	SW 2	6	6	10.9
10	55.75	55.43	26	29.5	94	73	SW 3	SW 4	3	4	------	56.07	55.47	24.7	25.4	90	93	SW 2	SW 2	4	6	15.2
11	56.19	55.75	27.6	32	87	64	SW 5	SW 4	5	6	------	53.89	53.38	25.6	30.2	91	71	SSW 2	SW 3	4	8	8.8
12	56.42	55.85	27.5	32.6	87	58	SW 2	SW 5	3	4	------	53.16	53.35	25.5	29	91	76	SSW 2	SW 3	4	8	------
13	57.10	56.76	27	33	84	58	SW 3	SW 4	3	4	------	54.59	54.63	26.6	29.4	90	72	SSW 3	SW 3	7	8	3
14	58.36	56.93	26.4	33.5	89	57	SW 2	SW 3	5	3	------	56.69	56.33	25.4	30	93	75	SW 3	SW 2	4	8	------
15	58.09	56.43	26.2	33.6	94	58	SW 2	SW 2	4	5	------	57.69	56.05	25.2	33.5	95	58	SW 2	W 3	4	3	------
16	56.90	55.92	26.5	29	88	85	SW 3	SW 2	4	9	12.4	57.36	56.11	26.1	32.2	91	71	SW 1	NE 2	3	4	5.1
17	56.47	55.72	25.2	32.8	93	68	SW 2	SW 2	5	7	------	57.56	56.30	24	32.5	98	76?	NE 2	NE 2	4	3	------
18	56.77	55.94	25	30.8	92	73	SW 1	SW 2	4	8	------	57.70	56.47	24	31.8	97	70	SE 2	SE 2	3	4	------
19	57.09	55.87	25	31.2	92	74	SW 2	SE 2	4	5	------	57.11	55.94	25.5	33.5	91	61	SW 2	SW 3	3	3	4.3
20	57.44	56.47	25.4	31.2	93	75	NW 2	NW 2	4	4	------	56.61	55.26	25	33.2	96	63	SW 2	SW 2	3	4	------
21	57.37	56.06	25	30	92	78	NW 2	NW 2	5	5	2.5	55.08	54.12	28.3?	31.5	86?	66	SW 3	SW 3	3	4	------
22	56.56	54.90	24.6	32.5	95	73?	SW 2	SW 2	4	6	------	56.18	55.61	26.5	31.9	88	66	SW 2	SW 2	4	4	------
23	55.04	53.45	25.5	33.4	91	69?	SW 2	WSW 3	4	4	------	57.90	57.14	27	33.6	84	56	SW 2	SW 2	4	4	------
24	55.13	54.84	26	29.9	93	77	SW 2	SW 2	6	8	7.3	58.61	57.21	27	34	88	56	SW 2	SW 3	3	3	------
25	55.99	54.32	26.5?	32.8	88?	62	SW 2	SW 2	4	4	5.6	57.67	56.62	26	32.5	84	58	SW 2	SW 3	4	3	------
26	56.52	55.74	26	32.5	95	63	SW 2	SW 2	4	4	------	56.36	54.65	26	32.9	84	54	SW 2	SW 3	4	4	------
27	57.44	57.01	25	31.4	92	68	SW 3	SW 2	4	8	2.5	55.48	54.31	27	33	80	55	SW 2	SW 3	4	5	------
28	58.70	57.69	24.5	32	92	66	SW 2	SW 2	4	4	------	56.42	55.52	27.4	34.5	74	48	SW 3	SW 4	3	3	------
29	59.31	58.15	24.5	32.9	91	64	SW 2	SW 2	4	5	------	57.96	56.77	27	34.6	81	54	SW 2	SW 3	3	3	------
30	59.29	57.57	24.5	32	92	66	E 2	E 2	3	3	------	57.50	56.14	27 ?	33	84?	55	SW 3	SW 4	3	4	------
31	59.35	58.02	24.5	32	94	66	SE 2	SE 2	3	3	------	56.04	55.24	25.8	34.5	92	53	SW 2	SW 3	5	4	------
Mean	56.73	55.76	25.7	31.5	91.3	69	2.1	2.6	4.5	5.8	------	56.89	55.97	25.5	31.9	90.2	66.3	2.1	2.5	4.1	5.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	59.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	87.9

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

Day.	NOVEMBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.76	60.37	25.2	30.3	90	72	NE 2	NE 2	3	3	2
2	61.79	60.42	25	30.4	92	72	NE 2	NE 2	5	3	4.1
3	60.51	59.17	24.7	30.5	90	72	NE 2	NE 3	3	5	28.7
4	61.01	59.28	24.5	29.8	96	71	NE 2	NE 2	4	4	14.7
5	61.14	59.27	24.6	30.2	95	77	NE 2	NE 2	5	4	------
6	60.18	58.96	26.6	30.6	84	71	NE 2	NE 2	4	4	------
7	59.86	58.53	24.6	31.2	92	71	NE 2	NE 2	4	4	14.5
8	58.39	58.32	24	29.5	96	78	NE 2	NE 2	10	4	6.6
9	59.76	58.62	24	30.2	96	73	NE 2	NE 2	8	3	2
10	60.04	58.42	24	30.5	96	76	NE 2	NE 2	3	5	------
11	59.53	58.03	24	30.7	97	71	NE 2	NE 2	3	4	------
12	59.40	58.24	25	29.5	92	75	NE 2	NE 4	7	5	------
13	59.95	58.35	25.6	30	91	75	NE 3	NE 3	8	4	12.7
14	59.97	58.42	26.6	30	87	75	ENE 3	E 2	4	3	------
15	59.39	58.38	26.5	31	86	72	NE 4	NE 2	3	3	7.4
16	59.46	57.27	24.5	29.6	92	75	NE 2	ENE 2	7	5	10.4
17	58.98	57.95	26	30.4	84	73	E 3	E 2	4	7	------
18	59.26	58.35	22.6	30.6	94	74	NE 2	NE 2	3	3	3
19	60.26	59.15	25	30	92	78	NE 2	NE 3	7	5	5.8
20	60.49	59.60	26.5	30.2	91	77	NE 3	NE 2	5	4	16.3
21	60.35	59.25	25.4	30.6	95	77	NE 2	NE 2	4	3	3.8
22	60.45	59.48	24.9	30.2	94	80	NE 3	NE 4	6	8	4.8
23	60.44	59.38	26.8	30.1	90	77	NE 4	NE 4	4	4	------
24	60.18	58.83	24.4	30	92	74	NE 2	NE 3	4	4	10.7
25	59.40	58.67	24.4	29.5	95	72	ENE 2	N 4	3	4	19.6
26	59.99	58.93	25.5	28.6	86	85	NE 5	NE 6	10	10	------
27	60.87	59.48	27	30.8	86	77	NE 2	E 2	4	4	1.3
28	60.84	58.88	26.5	30.4	91	73	E 4	E 4	4	4	22.9
29	59.14	57.97	25.4	28.4	93	79	ESE 3	E 4	8	6	2.3
30	59.80	59.21	26.2	28.6	94	88	NE 3	ENE 3	8	8	13.4
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	60.09	58.84	25.2	30.1	91.6	75.3	2.5	2.7	5.1	4.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	207

Day.	DECEMBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.29	59.21	26.5	29	91	83	ENE 3	NE 4	6	6	4
2	60.75	59.30	26.2	31.2	90	77?	NE 4	NE 3	6	4	2.5
3	60.59	58.90	26.5	31.2	91	77?	NE 4	NE 4	6	6	2
4	59.39	59.12	26.5	26.6	93	90	NE 4	NE 3	8	10	35.3
5	59.02	58.37	25.8	28.5	95	88	NE 3	ESE 3	3	6	17.8
6	60.24	58.77	24	29.8	97	77	NE 2	NE 2	6	4	2
7	60.09	59.02	25.4	31	93	76	NE 2	NE 3	6	4	------
8	59.49	58.29	26.5	29.9	86	75	NE 4	NE 4	5	4	5.6
9	59.37	58.82	26.2	27.2	86	84	NE 3	NE 3	5	4	12.4
10	59.90	58.53	26.2	29	84	78	NE 4	NE 4	4	5	8.1
11	59.63	58.29	26	27.5	92	93	E 5	NE 6	10	10	56.7
12	59.37	58.39	25.7	29.8	96	82	ENE 5	ENE 4	6	6	2.5
13	60.12	59.53	26.3	27	93	87	E 5	E 4	8	8	2.8
14	60.57	59.53	25.8	29.6	81	73	E 3	E 3	5	4	------
15	60.43	59.37	25.9	29.5	81	70	NE 3	E 2	4	6	4.8
16	62.15	60.77	24.8	28	90	77	NE 2	NE 4	8	8	6.4
17	62.22	61.27	26.2	27.9	82	81	E 4	NE 4	5	7	------
18	61.98	60.33	24	28.9	91	74	NE 2	NE 3	6	5	------
19	60.64	59.57	22	31.5	91	66	NE 2	NE 2	8	5	------
20	60.08	58.92	24.5	29.8	94	75	N 2	N 4	4	4	10.7
21	59.97	58.36	25.5	29.8	96	78	NE 3	NE 2	5	4	7.6
22	59.77	58.72	25	29.5	92	79	ESE 2	NE 3	4	3	-----
23	60.38	59.88	24.2	29.6	91	74	ENE 2	NE 3	3	3	------
24	61.42	60.35	25.9	29	85	74	ENE 4	NE 4	4	3	------
25	62.33	61.13	26	29.1	82	70	ENE 4	ENE 4	3	4	1.8
26	62.44	61.37	23.6	26	95	92	NE 3	NE 4	5	8	5.3
27	62.49	61.29	25	28	92	79	NE 3	NE 5	8	8	8.1
28	61.03	60.68	23.8	26.9	86	85	NE 2	ENE 4	6	6	11.2
29	61.60	59.62	23.8	27.7	93	72	NE 3	NE 4	10	4	11.2
30	60.46	59.59	23.5	27.6	96	80	NE 4	NE 4	6	4	1.3
31	61.32	60.62	26	29	88	71	NE 3	NE 3	5	4	------
Mean	60.63	59.55	25.3	28.9	90.1	78.6	3.2	3.5	5.7	5.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	220.1

This station was temporarily closed on September and October.

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, −1.76 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.05	60.22	25	27	79	63	ENE 5	ENE 6	6	7	------	60.17	58.05	24.8	28	83	69	ENE 3	ENE 5	7	5	------
2	61.75	59.98	25.4	27.4	68	70	ENE 5	ENE 6	10	10	0.8	59.55	58.18	25	27.6	82	70	ENE 3	E 5	10	10	------
3	61.98	60.08	25	27.4	87	77	ENE 2	ENE 5	10	7	------	60.22	58.48	25	28.4	77	61	ENE 1	ENE 3	10	3	------
4	61.15	60.02	24.8	27.6	85	73	ENE 5	ENE 6	10	10	1.3	60.32	58.62	24.8	28.6	82	69	ENE 2	ENE 3	7	6	4.6
5	60.37	58.12	24.4	25.4	88	88	ENE 7	ENE 7	10	10	15.2	59.50	58.17	25	26.4	83	76	ENE 6	ENE 6	10	10	------
6	58.97	58.05	25.6	26	90	82	ENE 6	ENE 5	10	10	13.9	60.10	58.07	24.8	27.6	83	70	ENE 5	ENE 6	10	4	------
7	59.62	58.93	25	27	87	80	E 6	ESE 4	10	10	1.3	59.80	58.15	25.2	27.4	82	70	ENE 6	ENE 6	10	5	------
8	61.38	59.53	26.2	27.4	85	81	E 5	E 3	10	10	3.8	60.60	59.72	24.4	27.8	88	70	ENE 6	ENE 6	10	6	------
9	62.15	60.75	25.4	28.4	92	75	ENE 3	E 2	10	8	------	60.72	58.98	24.4	27.4	88	74	ENE 4	ENE 4	6	7	1.3
10	62.08	60.35	25.4	28.4	92	75	E 2	ENE 4	10	6	-----	61.18	58.67	24.6	26	87	84	Calm	ENE 5	8	10	1.3
11	61.65	59.78	24.6	28	92	68	ENE 3	ENE 5	6	4	------	60.40	58.80	25	28.2	74	68	ENE 5	ENE 5	5	4	------
12	60.70	58.82	24.6	28.6	87	72	ENE 3	ENE 4	7	10	------	60.29	58.20	24	28.2	75	62	ENE 3	ENE 5	10	4	------
13	61.32	59.23	24.8	27.6	85	70	ENE 3	ENE 5	7	6	2.5	60.70	59.37	24.4	27.6	80	73	ENE 4	ENE 4	8	6	19
14	60.14	59.08	23.6	27.6	90	70	ENE 4	ENE 3	10	4	1.3	60.29	59.20	24	25.6	91	79	ENE 7	ENE 6	10	10	17.8
15	61.50	59.83	24	28	88	70	ENE 4	ENE 3	10	5	1.3	61.27	60.17	23.4	27.2	97	75	ENE 6	ENE 6	10	10	11.4
16	61.55	60.48	25.2	27.6	85	63	ENE 4	ENE 5	10	10	------	60.78	59.52	24	26.4	88	73	ENE 6	ENE 6	10	7	3.8
17	61.93	60.95	25.2	28	83	70	ENE 4	ENE 6	10	10	------	61.28	59.10	25	27	70	63	ENE 6	ENE 5	6	3	------
18	61.70	60.68	24.4	28.2	80	65	ENE 4	ENE 5	10	10	------	60.57	59.27	24	27.4	78	74	ENE 2	ENE 5	10	5	------
19	61.65	59.35	25	27.6	83	68	ENE 3	ENE 5	10	7	------	61.08	59.02	25.4	27.6	73	73	ENE 6	NE 5	8	5	7.6
20	60.70	59.50	25	27.6	83	68	ENE 3	ENE 4	7	7	------	59.50	58.60	25	28.4	95	70	ENE 5	ENE 4	10	5	3.8
21	60.70	59.05	24.6	29.4	85	64	ENE 1	ENE 3	10	10	------	60.10	59.08	25.4	28.8	92	72	ENE 3	ENE 4	8	7	11.4
22	60.05	58.93	25.4	28.4	85	70	ENE 3	ENE 3	10	6	------	61.28	59.85	25	28.4	83	68	ENE 3	ENE 4	7	8	------
23	60.30	58.63	24.6	29.8	87	61	Calm	ESE 3	10	10	------	61.18	60.03	26.6?	27.6	84?	70	ENE 2	ENE 4	6	7	------
24	59.77	58.20	24.8	29	92	65	ENE 2	ENE 3	8	4	------	61.48	59.95	24.8	28	82	70	ENE 2	ENE 4	5	4	------
25	60.27	59.33	24.4	29	88	71	ENE 1	ENE 3	6	7	------	60.60	59.08	24.4	28.8	77	65	ENE 2	ENE 3	7	4	------
26	60.78	59.47	24.6	26.6	83	80	ENE 1	ENE 3	7	10	1.3	61.38	59.88	24.2	28.4	82	62	ENE 2	ENE 4	10	4	------
27	61.12	59.75	24	28.4	88	68	ENE 2	ENE 3	10	4	------	62.78	60.78	24.4	28	82	70	ENE 2	ENE 3	10	6	------
28	60.79	58.73	24.2	28.2	82	70	ENE 2	NE 4	6	10	------	61.73	60.68	26	27.6	84	80	ENE 6	ENE 6	10	10	20.3
29	60.20	58.67	25	27.6	80	71	ENE 5	ENE 5	10	4	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	60.42	58.50	24.4	27.6	83	70	ENE 4	ENE 5	10	6	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	60.50	58.80	25	27.2	77	70	ENE 6	ENE 3	10	6	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.94	59.41	24.8	27.8	85.1	71.2	3.5	4.2	9	7.7	------	60.67	59.13	24.8	27.7	82.9	70.7	3.9	4.7	8.5	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	42.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	102.3
	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.58	60.93	25	27.6	92	77	ENE 5	ENE 6	10	10	2.5	59.27	58.35	25.2	29	92	71	ENE 1	NE 2	8	6	------
2	61.75	60.90	25.6	28.8	90	71	ENE 6	E 5	10	7	4.6	60.02	59.33	26.4	29.4	89	68	ENE 3	E 5	5	8	------
3	62.03	60.73	26	28.6	87	73	E 4	ENE 4	8	6	------	61.18	59.90	26	29.2	84	68	E 2	ENE 4	7	4	------
4	60.48	59.18	24.6	28.6	87	64	ENE 2	E 5	8	10	------	61.03	58.75	25.4	29.4	84	64	ENE 3	ENE 5	5	5	------
5	60.10	58.75	25	28.8	82	64	ENE 3	E 5	6	4	------	60.27	58.48	25	29.4	79	64	ENE 2	ENE 4	4	4	------
6	60.30	58.43	25.2	28.4	82	64	ENE 4	ENE 5	5	6	------	60.47	58.23	25.6	29	82	67	ENE 1	ENE 5	6	4	------
7	59.70	57.93	25	27.4	83	77	ENE 5	ENE 5	5	6	------	59.62	58.75	25.6	29.2	79	63	ENE 2	ENE 4	5	4	------
8	59.42	57.90	24.8	29.2	82	66	ENE 3	ENE 5	6	5	3	60.95	59.03	25.4	30.2	84	52	ENE 2	E 5	5	10	------
9	59.25	58.23	24.8	29.8	85	70	Calm	E 5	7	4	------	60.88	59.10	25.4	30	76	61	ENE 2	E 3	10	8	------
10	59.65	58.03	25.6	30	87	62	Calm	E 4	4	4	6.4	60.17	57.95	26	29.4	79	68	ENE 2	ENE 5	5	4	------
11	59.80	58.75	25	28.4	92	70	E 3	E 4	10	7	------	58.43	56.93	25.6	30.4	79	65	ENE 1	ENE 3	8	10	------
12	60.17	58.80	25	30	83	65	ENE 2	E 4	6	4	------	57.40	56.38	24.8	29.6	87	71	ENE 1	ENE 4	8	8	------
13	60.78	59.15	25.6	31	84	59	ENE 1	E 2	5	7	------	58.77	57.75	25.4	30.6	84	65	E 1	ENE 4	10	6	------
14	60.60	59.33	25	29.4	83	62	ENE 2	E 3	4	6	------	59.20	57.90	26.6	31	83	61	ENE 2	ENE 4	6	6	2.6
15	61.08	59.88	24.6	29.4	85	62	ENE 1	ENE 4	5	4	------	59.95	58.38	26.2	28.6	85	80	ENE 2	ENE 4	6	10	15.3
16	61.33	60.08	24.8	28.6	79	71	ENE 3	ENE 5	5	8	------	59.03	56.95	26.4	29.8	84	66	ENE 3	ENE 5	10	6	------
17	62.38	61.08	26.2	28.6	81	66	ENE 6	ENE 6	6	4	------	57.23	56.33	26.6	29.8	87	71	ENE 5	ENE 4	10	10	5
18	61.98	60.23	26	28.6	82	64	ENE 4	ENE 5	7	6	.8	58.67	57.25	26	29	84	72	ENE 3	E 4	8	7	1.3
19	60.75	58.93	24.4	29.6	91	64	ENE 3	ENE 6	7	7	------	59.55	57.88	26	29	90	78	E 2	E 4	10	8	5.1
20	59.80	58.75	25.4	29	88	68	ENE 3	ENE 6	10	4	------	61.05	60.78	26.4	30.4	82	63	ENE 3	E 5	10	7	------
21	59.65	58.05	25.4	28	80	70	ENE 4	ENE 5	5	8	------	62.53	61.28	26	30.2	84	61	E 3	E 5	7	5	------
22	59.44	58.25	24.4	29.2	87	63	NE 3	ENE 5	10	5	.8	61.48	58.93	26.2	30.4	78	56	E 2	E 5	4	5	------
23	59.70	57.73	24.8	28	83	69	ENE 3	ENE 6	7	8	1.3	60.38	59.40	27	30.2	84	58	E 2	ESE 5	6	4	------
24	58.65	57.05	25.2	28.6	83	71	ENE 4	ENE 5	10	7	------	61.65	60.33	26.4	29.6	81	66	E 2	ENE 5	4	5	------
25	58.57	57.78	26	28.4	84	70	ENE 4	ENE 6	8	8	------	61.28	60.13	26	30	75	56	E 3	E 4	6	4	------
26	59.02	57.33	26	29	82	67	ENE 4	ENE 5	5	4	------	61.28	60.31	25	29.8	83	60	E 2	E 4	4	6	1.3
27	58.97	57.55	25.6	29.2	84	68	ENE 3	ENE 5	6	4	------	60.45	58.45	25.4	29.4	88	68	E 1	NE 2	8	9	1.3
28	59.20	57.85	25	29.2	88	70	ENE 4	ENE 5	6	5	------	59.82	58.65	25.6	30	79	59	E 1	E 4	3	5	------
29	58.65	56.98	26.4	28	81	77	ENE 5	ENE 7	8	8	11.4	59.32	58	26	31.4	78	55	ENE 2	E 3	4	5	------
30	57.47	55.82	26.4	27	87	84	ENE 7	ENE 7	8	10	7.7	59.35	58.28	25.6	31	82	53	ENE 2	ESE 4	10	5	------
31	57.25	57.03	25.4	29.2	92	70	E 4	ESE 3	10	4	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.02	58.63	25.3	28.8	85	68.3	3.4	4.9	7	6.1	------	60.02	58.61	25.8	29.8	82.8	64.3	2.1	4.1	6.7	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	38.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	31.9

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N: λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.12	59.15	25.6	30.2	79	59	ENE 2	E 4	6	6	------
2	60.78	59.73	26.6	30	81	66	E 1	E 4	8	4	------
3	60.78	58.90	26.8	29.2	78	63	ENE 3	E 5	3	6	------
4	59.85	57.80	27	30.4	77	63	ENE 3	E 5	8	6	------
5	59.08	58.08	27	30.6	78	63	ENE 3	ENE 5	5	4	------
6	59.75	58.33	27.4	31.4	77	57	E 3	E 5	8	5	------
7	60.25	58.83	27	30	77	65	ENE 3	E 4	3	4	------
8	60	57.60	27	29	78	72	ENE 2	ENE 2	5	8	1.3
9	58.95	57.36	26.4	31.4	84	57	E 1	E 4	4	6	------
10	58.40	57.68	27	30.8	77	60	ENE 2	E 4	4	5	------
11	58.65	57.28	27	31	77	57	E 2	E 5	4	6	------
12	59.03	57.78	27.4	31	77	53	ENE 2	E 4	5	4	3.8
13	59.18	58.03	26.4	30	86	65	ENE 3	ENE 5	10	6	------
14	59.23	57.96	27.2	31	77	53	ENE 3	E 5	10	3	------
15	59.95	58.23	26.4	31	84	59	ENE 3	E 5	10	7	------
16	59.65	57.23	26.4	30	81	67	ENE 3	ENE 5	10	8	1.3
17	59.90	57.70	27	30.8	84	65	ENE 3	ENE 4	8	4	1.3
18	58.95	57.45	26.6	28.6	84	73	ENE 4	ENE 5	8	10	5.1
19	58.50	56.15	26.4	30	81	65	ENE 4	E 5	10	9	2.5
20	56.68	55.73	26.4	28	81	74	ENE 4	ENE 5	10	10	14
21	56.52	55.65	26	26.6	92	90	ENE 3	ENE 5	10	10	25.4
22	56.10	55.65	27.6	28.6	83	75	ENE 4	ESE 6	10	10	8.9
23	57.63	56.70	26.6	29.4	87	70	ESE 6	ESE 6	10	10	8.9
24	57.27	56.73	25.6	29.6	90	70	E 2	E 3	10	8	3.8
25	57.85	56.91	26.6	31.4	84	60	ENE 2	E 3	5	5	------
26	59.08	56.93	27.4	30.8	78	65	ENE 1	ENE 3	3	4	------
27	58.03	56.90	27.4	29.6	78	64	Calm	NNE 3	7	4	------
28	57.18	56.58	26.6	29.6	80	64	NE 2	NNE 1	4	4	------
29	57.95	56.80	26	30.4	79	63	Calm	NNE 3	6	6	------
30	59.37	58.88	25	30.6	88	58	Calm	ESE 3	10	8	------
31	60.25	59.40	27.4	31	81	63	Calm	E 3	5	4	1.3
Mean	58.87	57.55	26.7	30.1	81.2	64.5	2.4	4.2	7.1	6.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	77.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.50	59.70	26.6	31	81	57	ENE 1	E 3	8	7	6.4
2	60.35	59.95	26.4	27.6	92	80	ENE 1	SSE 2	10	10	12.7
3	60.80	59.60	27	30	77	65	E 1	E 3	10	10	------
4	60	59.08	27.6	29.8	84	73	ENE 1	E 3	5	6	------
5	60.25	59.30	27.6	30.8	83	67	ENE 1	ENE 3	4	5	------
6	60.45	59.10	26	30	89	65	Calm	W 1	3	10	------
7	60.25	58.08	27.6	30	80	67	E 1	ENE 4	4	3	------
8	59.13	58.15	26	30	84	71	Calm	NNE 1	5	10	2.5
9	59.13	58.18	26.4	31.2	84	62	Calm	E 4	10	9	1.3
10	59.23	58.98	27.8	29	76	71	ENE 1	ENE 3	8	10	2.6
11	60.15	58.10	26.4	30	86	65	ENE 1	E 2	10	5	------
12	59.38	57.66	26	31.4	84	60	Calm	E 2	5	4	------
13	59	57.40	27.4	30.8	81	60	E 1	ESE 4	6	6	------
14	59.48	58.06	27	31	84	62	E 3	ENE 3	6	8	1.3
15	59.43	57.66	27.4	31	84	59	ENE 1	E 4	8	5	------
16	58.88	56.85	27.6	29.6	80	67	ENE 2	ENE 4	4	5	------
17	57.90	57.56	28	30.4	77	65	E 3	E 4	10	8	------
18	58.93	57.85	27.6	30	83	69	E 1	E 5	6	8	------
19	58.95	57.50	27.6	29.6	80	71	E 3	ENE 5	6	10	2.6
20	59.20	57.80	27	31	84	63	E 2	E 5	10	10	3.8
21	58.45	56.98	27	30	84	71	ENE 1	ENE 4	8	10	1.3
22	58.55	57.51	27	30.4	84	65	ENE 2	ENE 5	8	8	5.1
23	58.18	56.88	26.4	30.6	92	68	ENE 3	E 5	10	9	2.5
24	57.80	57	27.6	29.8	84	71	ENE 4	E 5	10	10	5.1
25	58.15	57.85	25.4	26.6	92	84	Calm	Calm	10	10	5
26	58.55	58.06	26.6	30.6	84	68	W 1	N 2	10	10	------
27	58.25	57.23	28	31	77	69	N 1	NNW 3	10	10	21.6
28	58.25	56.43	24.6	27.4	97	84	NE 5	ENE 5	10	10	12.7
29	56.93	55.43	27.6	28.2	83	83	ENE 6	ENE 6	10	7	20.3
30	54.12	52.70	25.6	28.6	90	80	ENE 7	ENE 7	10	10	10.2
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.95	57.75	26.9	29.9	84	68.7	1.8	3.6	7.8	8.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	117

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	53.70	54.67	27.4	29	84	75	ESE 6	SE 5	10	10	------
2	56.55	55.95	27	29	84	78	SSE 2	SSE 3	10	10	67.3
3	57.55	55.90	26.4	29.4	92	75	Calm	S 3	10	10	15.2
4	57.05	55.33	25.8	29	92	81	Calm	N 2	10	10	1.3
5	57.28	55.20	27.4	28	84	85	N 4	NNE 3	10	10	5.1
6	55.70	53.53	27.6	-----	87	-----	NNW 6	NNW 6	10	10	38.1
7	49.82	47.39	26.4	26	79	89	W 8	WSW 8	10	10	61
8	51.45	52.77	24.6	26	98	89	S 9	SSE 7	10	10	64.7
9	57.15	56.95	27	28.2	84	83	SSE 6	SSE 5	10	7	38.1
10	60.57	59.63	25.4	29	92	74	SSE 1	ESE 2	6	10	6.4
11	60.47	59.23	25.2	27.4	92	77	ENE 1	S 1	7	10	7.6
12	58.27	56.68	25.4	29	88	72	ENE 1	ENE 2	8	10	21.6
13	56.07	53.90	26	26.4	89	79	NW 3	W 5	10	10	12.7
14	55.93	55.53	27	28	81	85	SSW 5	S 4	10	10	8.9
15	57.75	57.13	25	28.2	92	83	SSE 3	S 4	10	10	5
16	58.35	57.45	27.4	28.6	84	80	S 4	SW 2	8	10	5.1
17	57.18	56.05	26.6	28	83	85	Calm	ENE 4	5	10	16.5
18	55.63	54.35	26	28.6	92	76	ENE 3	ENE 4	8	9	3.8
19	54.30	53.70	25.4	28	92	82	Calm	NNE 2	10	10	25.4
20	52.40	51.85	27.8	26.2	86	90	WSW 6	WSW 7	10	10	45.7
21	53.37	52.65	26.6	28	87	80	SW 8	SSW 8	10	10	35.5
22	55.25	54.37	24	26.6	98	86	S 7	S 7	10	10	24.1
23	57.47	57.42	23.6	26	95	95	S 5	SSE 2	10	10	96.5
24	59.07	59.05	22.2	27	95	81	S 1	SW 2	10	10	------
25	59.08	58.33	26	28.6	84	73	ENE 1	NE 3	8	7	------
26	58.95	57.80	27	29.4	84	68	NNE 2	N 2	7	6	------
27	58.35	57.75	27	29.6	83	70	N 1	NE 3	4	4	------
28	58.63	57.83	26.8	29.4	84	71	Calm	NE 4	6	5	1.3
29	58.82	57.65	26	29.8	89	69	NE 2	NE 4	10	7	2.5
30	58.28	56.73	27.6	29.6	84	74	ENE 1	NE 3	6	5	1.3
31	60.93	56.08	27	27	84	87	NE 1	NE 3	7	10	33
Mean	56.82	55.77	26.1	28.1	87.8	79.7	3.1	3.9	8.7	9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	643.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.27	55.73	25.8	29.4	85	74	ENE 1	N 2	10	7	17.8
2	56.47	55.20	24.6	26.4	90	92	NE 3	NNE 4	10	10	170.2
3	56.97	56.23	25.6	28.6	84	73	SW 2	WSW 4	10	10	------
4	57.70	56.73	24.6	26.6	92	89	S 1	S 2	10	8	7.6
5	57.38	56.98	26.8	29	86	74	NE 1	E 4	8	8	------
6	57.58	56.98	26.6	28	87	85	ENE 2	ESE 4	9	10	6.3
7	58.75	57.35	25	28	93	86	SSE 2	S 1	5	9	22.8
8	58.25	57.35	25	28	93	86	Calm	E 2	10	10	8.9
9	58.67	57.15	25	27.4	90	84	W 2	NW 3	10	10	21.6
10	57.30	56.33	25.4	28	92	85	WSW 5	WNW 3	10	10	5
11	56.18	55.53	25.6	27.4	88	84	W 2	WSW 3	10	8	30.5
12	56.52	55.65	25.4	28.6	92	79	N 2	N 2	10	10	10.1
13	56.13	55.10	27	28.6	86	85	ENE 3	ENE 4	10	6	12.7
14	56.78	55.03	26.4	29	92	78	ENE 4	ENE 3	10	10	6.3
15	54.22	52.80	24.6	29.2	93	76	Calm	WSW 4	10	10	2.5
16	52.62	51.73	27	29	86	78	SW 5	SW 6	10	10	------
17	54.58	54.75	27.2	-----	84	-----	WSW 8	SW 7	10	10	2.5
18	57.30	56.93	27.4	29	84	78	SSW 7	SSW 6	10	10	2.5
19	57.65	56.48	27.2	29.6	83	75	SW 6	SW 6	10	10	------
20	57.08	56.55	27	29.6	80	71	WSW 3	SW 4	10	10	------
21	58.13	57.73	27	28.4	80	75	WSW 4	WSW 4	10	10	63.5
22	59.22	58.05	24.4	28.2	97	77	NNW 5	NW 2	10	10	5
23	59.10	56.93	26.6	28.6	87	80	NNW 3	NNE 3	8	10	3.8
24	57.75	56.40	24.6	28.6	93	80	Calm	S 4	10	10	53.4
25	55.97	55.20	25.2	27.6	92	84	Calm	ENE 1	6	8	1.3
26	54.60	53.95	25.4	29.4	92	78	Calm	N 1	6	9	6.4
27	56.45	56.70	25	-----	95	-----	WSW 4	WSW 7	10	10	106.7
28	57.98	57.35	24.6	24	95	95	W 5	SSW 4	10	10	39.4
29	57.28	56.53	25.6	28.6	87	78	W 5	WNW 5	10	8	5.1
30	56.67	56.33	25.4	26.6	85	89	WSW 4	WSW 5	7	10	24.2
31	57.85	55.58	24.6	25.6	93	92	Calm	W 3	10	10	36.8
Mean	56.92	56.04	25.7	28.1	88.9	81.4	2.9	3.6	9.3	9.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	672.9

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

Day.	SEPTEMBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.57	55.27	26	26.4	84	92	WSW 4	W 4	10	10	78.7
2	55.02	53.60	25.4	26.4	92	84	WSW 5	W 7	10	10	30.5
3	55.10	54.10	25.6	28.8	90	79	W 2	W 5	8	6	2.5
4	55.15	55.68	27	28.2	87	83	W 4	W 5	8	10	5.1
5	53.85	52.37	27	27.2	89	89	W 5	WSW 7	10	10	22.9?
6	-----	52.10	-----	26.6	-----	87	--------	SW 8	-----	10	21.6
7	55.22	55.63	27.2	28.6	86	82	S 8	S 7	10	10	16.5
8	57.58	57.37	25.4	25.4	92	92	S 3	S 2	10	10	41.9
9	57.98	56.60	25	28	92	80	Calm	WSW 4	10	10	------
10	56.97	56.37	27	28	87	85	WSW 3	WSW 4	10	10	24.2
11	56.05	55.50	25.4	28.6	92	80	WSW 3	SW 4	10	10	8.9
12	57.15	56.65	26	28.2	90	85	SSW 5	SSW 5	10	10	1.3
13	57.95	57.93	26.4	29.4	89	75	SW 2	SW 4	10	8	10.2
14	57.65	57.40	26.4	30	92	75	SW 1	SW 2	10	8	2.5
15	57.78	56.08	26.4	28.6	92	80	NNW 2	N 3	7	9	1.3
16	56.60	55.33	27	27.6	84	80	N 2	NNW 1	10	10	6.4
17	56.07	54.93	27.6?	28.6	92?	80	W 1	NNE 1	8	10	22.9
18	57.37	56.90	26.6	29.6	87	74	Calm	SSW 3	6	9	5.1
19	58.17	57.05	25.6	25.4	92	92	W 1	S 1	7	10	30.5
20	57.87	56.90	25.6	27.2	92	90	W 1	NE 2	6	10	49.5
21	56.90	56.20	24	28.8	91	72	SSW 1	NE 4	10	10	22.9
22	56.10	54.52	25.8	25	93	95	ENE 6	ENE 5	10	10	53.3
23	55.90	54.90	25.6	27.2	87	84	SE 3	SE 4	10	10	16.5
24	56.42	55.58	26	30.6	92	68	SSE 5	SSE 6	10	10	3.8
25	57.50	56.78	26.4	28.6	92	80	S 2	S 4	6	10	7.6
26	58.28	58.35	27.6	28	86	85	Calm	Calm	6	10	17.8
27	59.13	56.93	27.4	29.2	84	75	E 1	ENE 4	4	6	------
28	59.48	58.30	28	29.6	82	77	Calm	N 1	6	5	------
29	58.98	57.53	26.8	28.6	86	80	Calm	NNW 2	6	8	2.5
30	59.07	57.35	26.8	28.4	86	77	E 1	E 1	7	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.03	56.01	26.3	28	89	81.9	2.4	3.7	8.4	9.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	506.9

Day.	OCTOBER.										
	Pressure. 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.48	57.63	26.4	28.8	89	75	N 2	NNE 2	6	6	------
2	58.75	57.83	26.6	27.6	87	84	SSE 1	W 2	8	10	3.8
3	60.45	58.33	27.6	28.6	80	78	NW 1	NW 2	5	6	6.3
4	59.77	57.88	26	27	84	89	ENE 5	SW 1	10	10	8.9
5	58.95	57.30	26.8	29.6	86	74	Calm	NE 5	5	7	8.9
6	58.05	56.70	27	29.6	84	77	ENE 3	ENE 4	6	7	------
7	56.43	54.83	27	29.4	84	75	ENE 5	ENE 6	10	7	88.9
8	53.65	48.12	25	28	92	85	NNW 7	W 8	10	10	132.1
9	52.97	53.30	27	28.4	89	83	SSE 8	S 7	10	10	17.7
10	54.15	52.93	27.4	29.6	84	71	SSW 5	SSW 6	10	10	1.3
11	52.45	50.48	27.6	28.6	79	73	SW 6	SW 7	10	10	------
12	53.65	53.08	26.6	28.8	84	73	WSW 6	WSW 6	10	10	------
13	56.95	56.30	27.6	29	80	75	WSW 5	WSW 4	10	10	------
14	59.68	57.80	26.8	29	81	72	W 1	W 3	10	6	3.8
15	59.42	57.50	24.2	28.8	88	72	W 2	WSW 4	10	7	------
16	59.50	58.03	26.4	28.8	81	75	W 1	WNW 2	9	8	------
17	60.28	59.03	26.4	29	89	78	Calm	NNW 3	8	6	------
18	60.53	58.95	26	29.4	84	68	Calm	NE 5	8	6	------
19	60.63	58.98	26	29.8	84	67	Calm	NE 2	8	7	2.5
20	60.95	58.97	26.4	27.4	84	84	N 4	NE 5	8	10	10.2
21	60.80	58.90	26	28.8	84	68	ENE 3	E 4	9	7	1.3
22	60.30	58.85	25.8	29.8	81	66	ENE 4	ENE 4	7	7	1.3
23	60.35	58.90	25.2	28.6	90	79	ENE 5	ENE 5	8	7	2.5
24	61.15	59.95	25.6	28.6	84	66	ENE 3	ENE 5	5	5	------
25	61.10	59.65	26	28.8	79	71	ENE 5	ENE 5	8	10	------
26	60.17	58.63	26.2	29.6	82	71	ENE 2	ENE 4	10	8	12.7
27	60.50	58.67	24.4	27	93	81	ENE 4	ENE 3	10	10	5
28	61.55	59.57	25.6	28	87	80	ENE 5	ENE 4	8	6	48.2
29	61.47	59.38	24 2	29.4	91	68	ENE 6	E 4	10	7	2.5
30	61.38	58.93	25	28.2	90	76	ENE 4	ENE 5	8	10	24.1
31	60.50	59.68	25.6	29.4	92	71	ENE 2	ENE 2	10	7	1.3
Mean	58.87	57.26	26.1	28.8	85.4	75	3.4	4.2	8.5	8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	383.3

Day.	NOVEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.78	59.35	25.2	26.8	93	84	Calm	ENE 4	8	10	11.5
2	60.60	58.48	25.4	28.4	88	77	NNW 1	N 2	10	8	1.3
3	60.20	58.55	25.6	26	92	84	ENE 3	ENE 5	10	10	17.8
4	59.85	58.48	25	29	92	78	Calm	SW 3	10	7	------
5	60.40	58.80	24.6	29	92	76	Calm	NNE 2	4	7	------
6	59.52	56.83	26.2	28.2	87	80	ENE 1	ENE 4	7	8	------
7	59.37	57.68	25.4	28	92	74	Calm	ENE 5	8	8	8.9
8	59.20	57.88	26	29.2	87	70	ENE 3	ENE 6	8	7	------
9	59.12	57.23	25	28.4	79	75	ENE 3	ENE 4	6	5	------
10	58.77	56.70	25.6	29	79	71	Calm	NE 1	8	5	------
11	59.07	57.08	25.4	28.6	92	76	ESE 1	NE 2	5	5	------
12	59.37	57.93	26	29.4	87	72	ENE 3	E 5	5	8	------
13	59.07	57.93	26.2	28	87	77	ENE 3	ENE 6	6	7	22.9
14	59.42	57.80	25.4	28.8	95	71	ENE 4	E 4	10	7	------
15	58.85	57.40	25.4	28.4	84	77	ENE 4	E 5	6	10	2.5
16	59.27	57.30	26.4	29.4	87	74	ENE 1	ENE 3	6	8	------
17	58.72	57.98	26	30.4	87	59	E 2	ESE 3	6	8	3.8
18	59.30	57.96	26	31	92	65	ENE 1	ESE 2	9	8	------
19	60.25	58.33	26.4	29.8	89	71	ENE 2	ENE 4	4	5	------
20	59.85	58.18	27.4	28.6	84	78	ENE 5	ENE 6	4	6	------
21	59.68	57.70	27.4	29.4	84	71	E 2	E 3	4	7	2.5
22	59.68	58.58	26	28.4	92	77	ENE 2	ENE 6	10	6	------
23	59.05	58.03	26	29	79	71	ENE 5	ENE 6	6	8	20.3
24	59.47	58.18	26	28	90	79	ENE 6	ENE 4	10	10	2.6
25	59.78	58.63	26	28.6	85	71	ENE 2	ENE 5	6	8	------
26	61.28	59.23	26	28.4	84	70	ENE 3	ENE 6	6	10	------
27	60.85	59.33	26	28.4	82	70	ENE 4	ENE 6	6	4	2.5
28	59.65	57.92	25.4	25.6	92	88	ENE 4	ENE 6	8	10	10.2
29	59.50	58.48	26.2	28	82	76	ENE 4	ENE 5	6	5	2.5
30	59.92	58.78	26	28.8	84	71	ENE 4	ENE 5	6	7	5.1
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.66	58.09	25.9	28.6	87.3	74.4	2.4	4.3	6.9	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	114.4

Day.	DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.07	58.18	26.2	28.4	90	79	ENE 4	ENE 6	8	8	3.8
2	60.70	58.50	26.4	29	89	74	ENE 4	E 5	10	6	------
3	59.20	58.88	26	28	84	77	E 3	E 5	8	10	24.1
4	60.70	58.85	25.6	28	92	79	E 4	E 4	10	10	20.3
5	60.62	58.80	24.8	28	93	69	E 4	E 4	10	7	------
6	60.20	59.15	25.4	28	84	74	ENE 4	ENE 5	8	6	6.4
7	59.55	58.28	24	27.6	90	80	ENE 3	E 5	8	10	------
8	58.67	57.23	25.6	27.6	79	76	ENE 4	ENE 5	8	10	7.6
9	59.02	56.83	23.4	27.4	91	71	ENE 4	ENE 6	10	10	8.9
10	59.55	58.35	24.8	28	93	77	ENE 5	ENE 6	10	10	3.8
11	60.22	58.48	25.8	27.4	85	81	ENE 4	ENE 6	10	10	------
12	60.30	57.78	25.4	27.4	80	77	ENE 4	ENE 6	8	7	------
13	58.47	56.20	26	27	75	75	ENE 5	N 6	10	10	------
14	56.58	54.62	26.4	27.4	89	84	NNW 6	WNW 6	10	10	26.7
15	55.70	55	26.8	28.4	86	82	WSW 7	SSW 7	10	10	------
16	58.57	58.88	25.2	28.6	85	69	SSE 2	SSE 4	10	7	2.5
17	61.05	59.65	25.6	28.4	82	77	ENE 3	ENE 5	5	7	------
18	61.08	59.33	25.6	28.4	78	66	ENE 5	E 6	6	6	------
19	60.40	58.95	25.2	28.2	85	70	ENE 3	E 5	5	7	2.5
20	61.18	59.55	25	28	92	85	ENE 3	ENE 5	10	8	5.1
21	61.18	59.03	25.4	28.6	88	71	ENE 4	E 4	6	5	------
22	61.18	59.43	25	28.8	79	65	E 2	ENE 4	6	5	1.3
23	60.20	59.02	24.8	27.4	93	81	ENE 3	ENE 5	8	10	3.8
24	61.92	60.33	25.4	27.4	77	70	ENE 4	ENE 6	6	6	2.5
25	62.98	61.05	25.4	28	84	74	ENE 4	ENE 6	7	5	------
26	62.20	59.53	26	27.6	84	76	ENE 4	ENE 6	8	4	------
27	61.35	59.50	25.6	27.6	84	73	ENE 5	ENE 6	8	6	------
28	60.10	58.88	25	27.8	90	73	ENE 4	ENE 6	8	6	2.5
29	59.47	57.65	25.2	28	90	77	ENE 5	ENE 6	9	9	------
30	59.57	58.55	25.4	29	88	71	E 3	E 5	7	4	1.3
31	60.27	58.83	25	28.4	90	70	ENE 8	ENE 4	10	5	12.7
Mean	60.07	58.49	25.4	28	86.1	74.9	3.9	5.3	8.3	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	135.8

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	65.39	63.57	23.6	26.1	87	77	NE 1	NE 2	10	10	2
2	65.12	63.19	25	26	79	82	NE 2	NE 3	10	10	8.1
3	64.92	64.09	23.8	24.7	86	83	NE 2	NE 3	10	10	4.4
4	64.87	63.95	23.5	24.5	84	79	NE 3	NE 2	10	10	.3
5	65.58	62.75	24.1?	27.7	82?	69	Calm	NE 1	10	2	------
6	64.64	63.04	21.3	28.2	95	60	Calm	NE 1	4	3	------
7	64.70	63.17	20.1	27.5	94	72	Calm	NE 2	6	10	------
8	65.21	64.54	22	26.4	96	75	Calm	NE 1	8	10	12.7
9	67.57	66.99	22.5	24	76	70	NE 4	NE 2	10	10	1
10	67.05	65.62	22.8	26.4	73	-----	NE 1	NE 2	10	4	.3
11	65.34	63.45	20.1	26	90	65	Calm	NE 1	8	4	------
12	63.76	62.12	20	28.5	90	67	Calm	NE 2	8	7	------
13	63.04	61.84	24	27.5	91	74	Calm	NE 1	10	9	1
14	62.90	61.88	23	28.6	94	72	Calm	NE 1	10	10	.3
15	64.21	62.18	23	27	91	77	NE 1	Calm	10	6	6.6
16	64.11	62.62	22.5	29	96	61	Calm	NE 1	10	3	.5
17	64.54	62.72	22.1	28.5	91	64	Calm	NE 1	10	4	------
18	64.20	61.96	22.6	28.7	90	59	Calm	NE 1	8	2	------
19	63.16	60.18	21.2	27.5	87	69	Calm	NE 1	10	10	------
20	62.68	60.39	19.6	27.6	92	69	Calm	NE 2	6	4	------
21	61.79	60.87	23.5	27.8	91	69	Calm	E 1	10	10	.3
22	62.41	61.17	22.5	27.6	94	73	Calm	NE 1	10	8	3.3
23	62.28	61.30	23.5	26.5	87	76	Calm	ENE 1	10	10	1.5
24	63.10	61.42	21.8	28	93	70	Calm	E 2	10	8	------
25	62.30	60.68	22.5	28.2	92	57	Calm	Calm	10	4	.8
26	62.30	61.74	24.5	28.5	71	63	ENE 2	NE 1	10	3	------
27	63.20	61.79	23.3	28	89	67	Calm	NE 1	10	8	1
28	63.01	60.82	22.1	28.5	93	57	Calm	Calm	10	6	------
29	62.06	60.62	20	27.9	94	59	Calm	NE 1	10	10	------
30	62	60.67	21.5	27.5	95	60	Calm	NE 2	8	4	------
31	62.30	60.27	21.8	29.5	94	68	Calm	SE 1	8	10	1.8
Mean	63.86	62.31	22.4	27.4	88.9	68.8	0.5	1.3	9.2	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	45.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°C.	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.69	60.22	23	28.5	90	64	Calm	NE 1	10	2	------
2	61.39	59.97	22	28.4	92	64	Calm	ENE 2	10	4	------
3	62.45	60.86	23.5	28.5	87	65	Calm	NE 2	10	7	------
4	61.94	60.22	24	29.2	83	63	Calm	SE 2	10	7	5.1
5	62.10	60.89	23	29.1	88	55	Calm	ESE 2	10	10	------
6	62.22	61.13	20.4	28	89	58	Calm	ENE 2	10	6	------
7	62.30	60.38	21.1	28.8	93	56	Calm	NE 1	10	10	------
8	62.27	60.79	20.5	29	87	55	Calm	ESE 1	10	10	------
9	62.77	62.39	19	28	90	60	Calm	NE 1	10	10	------
10	63.10	61.51	22.8	27.4	97	71	Calm	NE 1	10	4	4.1
11	63.41	62.64	22.6	26.1	95	79	Calm	NE 2	10	10	28
12	63.64	63.13	22	25.4	96	80	Calm	NE 1	10	10	8.6
13	64.27	62.82	22.5	29	89	58	Calm	NE 1	10	10	6.4
14	64.10	62.67	23	27.5	85	70	E 1	NE 1	10	10	.3
15	63.80	62.31	21.5	28	91	60	Calm	NE 1	10	4	1
16	63.81	62.32	22.8	28.4	84	52	Calm	NE 2	6	2	------
17	63.22	62.17	21	28.5	91	60	Calm	NE 2	6	2	------
18	63.01	62.42	18.5	28	81	89	Calm	NE 2	4	2	------
19	63.46	61.62	18.5	29	81	46	Calm	NE 1	2	2	------
20	63.43	61.90	20.5	27.5	77	65	Calm	ENE 2	3	3	------
21	62.28	61.30	20.6	27.5	84	61	Calm	ENE 2	10	4	.9
22	62.11	59.89	19.5	26.8	86	68	Calm	NE 1	7	8	------
23	62.55	60.58	19	28	88	65	Calm	Calm	2	10	------
24	61.71	60.91	18	28.3	88	58	Calm	NE 1	7	3	7.9
25	62.49	60.36	20	30.5	91	51	Calm	Calm	4	3	------
26	62.52	61.41	19.5	28.1	86	67	Calm	ENE 2	4	10	4.1
27	63.39	62.18	22.1	28	93	67	Calm	NE 2	10	7	8.1
28	63.86	62.39	20.5	27.7	95	62	Calm	NE 2	10	10	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.83	61.48	21.1	28.1	88.5	63.2	0	1.4	8	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	74.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.48	62.59	25.2	27	83	77	Calm	Calm	10	10	0.5
2	63.85	61.93	24.6	28.8	85	68	Calm	NE 2	10	8	1.0
3	63.81	61.83	22.5	28.4	90	63	Calm	NE 1	10	4	2.3
4	61.83	59.79	23	29	96	68	Calm	E 2	10	8	------
5	60.22	58.36	25.4	29	84	71	Calm	NE 1	10	10	.5
6	59.26	57.67	24.5	29	95	78	Calm	NE 2	10	6	6.7
7	59.38	58.09	24.5	30.4	96	65	Calm	NE 2	10	4	3.8
8	60.25	58.48	24	30.2	96	64	Calm	E 2	10	10	------
9	59.94	58.64	24.8	30.1	81	62	Calm	NE 2	4	3	------
10	60.59	59.63	26?	30.5	82?	52	Calm	ENE 2	10	2	------
11	60.11	59.12	20.5	29.8	91	48	Calm	NE 2	3	2	------
12	61.06	59.79	20.5	29	90	64	Calm	NE 2	4	4	------
13	60.86	60.71	20.6	29.9	94	64	Calm	NE 2	4	4	------
14	61.61	60.97	21.7	31.5	87	53	Calm	E 2	7	4	------
15	63.07	61.17	22.5	28.1	83	70	Calm	NE 1	8	10	4.8
16	62.19	61.46	23.5	28	91	72	SE 1	NE 1	10	10	8.6
17	63.31	62.44	23.3	29.2	95	64	Calm	NE 1	10	6	------
18	64.54	62.88	25.1	31.4	91	50	Calm	ENE 1	10	4	------
19	64.19	61.92	22.5	30.5	91	46	Calm	NE 1	8	8	------
20	62.26	59.86	21.7	81.5	88	49	Calm	NE 1	10	10	------
21	61.34	59.03	22.5	29.2	82	60	Calm	NE 1	10	4	.5
22	60.61	58.93	22.8	30.4	84	55	Calm	NE 2	10	4	------
23	60.54	59.25	25.2	31.1	88	50	NE 1	NE 2	10	2	------
24	60.93	59.56	22.8	30.7	89	54	Calm	NE 2	8	4	------
25	61.19	60.22	25	31	82	45	Calm	NE 1	10	2	------
26	60.59	60.39	26	29.7	79	70	Calm	Calm	8	9	------
27	61.78	60.27	24.2	30.6	80	54	Calm	NE 2	8	4	------
28	61.86	60.64	24	29	83	64	Calm	NE 1	10	10	------
29	62.09	59.85	23	32	93	64	Calm	NE 1	4	4	------
30	61.28	59.56	23.1	32.5	86	41	Calm	E 1	10	7	------
31	59.84	58.07	20.5	30.4	86	48	Calm	NE 2	8	2	------
Mean	61.54	60.10	23.4	29.9	87.8	59.8	0.1	1.5	8.5	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	28.7

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.04	59	22.5	31	80	53	Calm	SE 1	10	10	3.8
2	60.80	59.55	24.7	31	90	57	Calm	E 2	10	4	2
3	60.90	59.82	22.9	31.1	89	60	Calm	NE 1	10	9	------
4	60.53	59.43	26.3	32	87	61	Calm	NE 2	8	8	------
5	60.47	60.27	24	27.7	93	75	Calm	NE 2	8	10	.8
6	60.49	58.19	23.8	31.2	94	61	Calm	NE 2	8	4	------
7	60.49	58.42	24	32.6	89	56	Calm	NE 2	10	8	------
8	61.14	59.78	24	31	90	64	Calm	NE 2	6	8	------
9	61.69	61.33	26.3	28	86	74	Calm	NE 3	10	10	2.5
10	62.47	61.29	26	29.2	78	68	NE 1	NE 1	10	10	3.5
11	62.05	59.17	25.3	30.6	81	58	Calm	NE 2	10	8	------
12	60.35	59.11	25	30.8	87	57	Calm	Calm	10	10	------
13	60.14	59.16	23.7	30.5	91	68	Calm	NE 2	8	7	------
14	60.76	59.15	22.5	32.3	91	57	Calm	NE 2	3	9	------
15	61.24	60.75	24	31.5	92	60	Calm	NE 2	10	9	------
16	61.68	59.27	23.6	32	92	60	Calm	ESE 2	6	3	------
17	60.41	58.12	23	31.6	90	61	Calm	NE 2	7	4	------
18	60.05	58.65	23.3	32.4	90	54	Calm	E 2	10	10	11.7
19	60.27	59.30	24.5	32	96	58	Calm	NE 1	10	2	------
20	61.45	60.50	26.5	31.5	92	66	Calm	NE 2	10	3	------
21	62.72	60.83	27.3	32	84	57	Calm	Calm	10	10	------
22	60.78	60.12	25.8	27.5	89	84	Calm	ENE 3	10	10	41.4
23	60.94	59.17	25	31.5	98	69	Calm	NE 1	8	10	.6
24	60.41	59.30	23.5	31.8	89	65	Calm	E 2	10	2	.5
25	60.14	59.26	25	32	93	61	Calm	E 2	10	3	.5
26	60.92	59.06	25	32.2	90	52	Calm	NE 1	6	7	------
27	60.72	59.38	25.8	32.5	90	58	Calm	E 1	4	8	------
28	60	58.06	26.5?	31.5	86?	57	Calm	NE 1	8	8	.8
29	59.06	58.37	25.5	31.6	92	57	Calm	E 1	10	4	------
30	59.94	58.83	23.6	32	86	55	Calm	E 2	10	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.77	59.42	24.6	31.2	89.2	61.4	0	1.6	8.7	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	68.1

The barometric readings of this station seem to be somewhat high.

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1..	60.75	59.12	25.4	31.2	88	66	Calm	E 2	10	4	------	53.18	53.58	28.8?	28	76?	83	Calm	Calm	10	10	37.6
2..	61.37	59.47	25.8	31.5	88	61	Calm	NE 2	4	3	------	56.36	55.36	24.1	27	97	84	Calm	Calm	10	10	20.3
3..	61.06	58.95	24.5	32.8	92	48	Calm	NE 1	10	3	49	56.83	56.81	24.2	26	94	92	Calm	Calm	10	10	17.7
4..	60.18	58.07	24.5	32.4	94	56	Calm	NE 1	10	4	------	57.63	56.24	23.6	30.3	96	76	Calm	Calm	10	10	.3
5..	58.81	56.32	25.6	31	92	67	Calm	E 2	7	4	15.2	57.97	57.51	23.5	32.8	91	59	Calm	NE 1	10	10	------
6..	59.13	57.15	24.5	30.5	92	68	Calm	E 2	10	8	------	60.14	58.57	24	31.5	91	71	Calm	NE 1	10	10	------
7..	59,56	58.63	25	32	92	60	Calm	E 1	8	8	------	60.21	58.08	25.6	31.5	84	72	Calm	NE 1	10	10	------
8..	59.75	58.07	25.1	32	91	69	Calm	NE 2	10	8	3.3	59.25	58.34	24.5	31.5	88	74	Calm	NE 1	10	8	------
9..	58.87	56.30	25.6	31.8	88	66	Calm	NE 2	4	5	6.6	59.04	58.05	------	31.7	------	68	Calm	E 1	9	3	------
10..	56.76	55.59	26.4	27.6	93	81	Calm	SE 1	8	10	1	59.76	59.05	25.2	32	90	69	Calm	E 1	10	4	------
11..	57.98	56.57	25.2	29.5	92	76	Calm	NE 1	10	10	2.8	59.88	58.45	26.6	32.3	85	64	Calm	NE 1	4	3	5.1
12..	59.01	58.47	26.2	32	91	55	Calm	NE 1	10	10	------	59.35	57.52	26.6	31.2	94	71	Calm	E 2	10	4	.3
13..	59.42	58.96	27.5	32	78	55	Calm	E 1	10	3	------	59.27	57.20	24.7	32	91	63	Calm	NE 1	10	5	------
14..	59.51	58.65	27.5	30.6	79	68	Calm	NE 2	10	10	3.3	59.63	57.87	25.2	31.5	85	68	Calm	NE 1	10	8	.5
15..	60.17	58.82	25.2	32.5	90	60	Calm	NE 1	10	8	.3	59.68	57.95	25.8	31.6	92	65	Calm	NE 1	10	4	------
16..	60.12	58.05	25.8	32	85	61	Calm	NE 1	10	4	------	58.95	56.42	25.7?	33	81?	58	Calm	NE 1	10	10	3.8
17..	59.95	57.95	23.5	32	87	64	Calm	NE 1	10	4	------	58.20	56.47	25.9	32.3	85	65	Calm	NE 1	10	7	------
18..	59.93	58.22	24	30.4	96	72	Calm	NE 1	10	10	------	57.56	56.72	25.3	26.4	93	84	Calm	NE 2	10	10	34.6
19..	59.86	57.81	25.8?	32	80?	69	Calm	E 1	10	8	------	52.46	53.98	27?	24.3	78?	94	W 4	S 1	10	10	54.6
20..	59.22	57.44	25	32.8	92	62	Calm	E 1	8	8	.5	57.17	56.62	23.5	26.7	96	86	Calm	NW 1	10	10	6.4
21..	59.64	58.81	25	32.5	92	66	Calm	NE 1	10	8	------	58.53	57.76	24.5	29	93	81	Calm	Calm	10	10	1
22..	61.11	59.33	24.2	31	87	69	Calm	NE 1	10	10	------	59.56	57.82	24.3	29.5	94	79	Calm	SE 1	10	10	.3
23..	60.85	58.91	25.3	32.7	90	58	Calm	NE 1	10	5	------	59.30	58.41	24	30	96	75	Calm	E 1	10	10	27.9
24..	59.30	57.69	24.4	33.2	89	58	Calm	NE 1	8	10	------	58.51	57.33	25	29.5	95	76	Calm	ENE 2	10	10	.5
25..	58.44	57.78	25	33.5	92	49	Calm	NE 1	10	10	------	57.84	57.25	25.5	31.2	82	69	Calm	Calm	10	10	------
26..	59.14	58.15	26	31.5	87	69	Calm	NE 1	10	10	------	58.35	56.89	24.5	30.9	92	63	Calm	Calm	10	10	------
27..	58.09	56.10	24.7	34	90	56	Calm	NE 1	10	8	29.2	57.13	55.99	24.1	30.4	92	70	Calm	NW 2	10	10	------
28..	56.21	54.19	27.3	30	86	77	NW 1	NW 3	10	10	------	55.31	53.48	23.8	31.5	94	75	Calm	NW 2	10	10	------
29..	55.89	54.17	24.8	30.6	92	77	Calm	NW 2	6	7	4.3	55.14	54.39	26.8?	29.5	83?	75	Calm	Calm	10	10	1.3
30..	56.61	54.22	26.5?	32.8	85?	55	Calm	NE 1	9	7	------	55.54	54.52	25.5	30	92	72	Calm	NW 1	10	10	------
31..	55.42	52.96	26.7	32	86	70	Calm	NW 1	10	10	------	------	------	------	------	------	------	------	------	------	------	------
Mean	59.10	57.45	25.4	31.7	88.9	64.1	0	1.3	9.1	7.3	------	57.92	56.82	25.1	30.2	89.7	73.4	0.1	0.9	9.8	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	115.5	------	------	------	------	------	------	------	------	------	------	212.2

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1..	55.82	56.04	24.2	26	94	86	Calm	Calm	10	10	6.4	59.41	58.30	25	29.8	88	69	Calm	NE 1	10	10	------
2..	57.32	56.51	23.5	31	96	69	Calm	NE 1	10	10	8.1	59.46	57.26	23.5	32	91	60	Calm	NNE 1	5	4	------
3..	57.60	55.74	24.5	29.5	92	80	Calm	NW 3	10	8	------	58.63	56.96	23.5	30.5	91	75	Calm	NW 2	10	10	------
4..	55.92	54.79	24.7	28	94	85	Calm	NW 2	10	10	6.1	57.93	56.74	22.5	30.5	94	69	Calm	NW 1	8	7	------
5..	55.61	54.47	25.5	28	88	79	NW 1	Calm	10	10	7.1	57.93	56.93	22.8	31.5	93	59	Calm	NE 1	7	10	------
6..	54.20	53.66	23.9	27.7	93	70	Calm	WNW 3	10	10	3.1	58.43	57.08	22.8	32	97	67	Calm	Calm	10	10	30.5
7..	53.44	53.21	24	30.5	96	67	Calm	SE 1	10	10	.5	58.61	56.99	24	32	99	61	Calm	Calm	10	10	12.2
8..	54.80	54.65	25	31	92	64	Calm	NE 1	10	10	------	57.81	56.73	24.7	31	98	65	Calm	NE 1	10	10	------
9..	56.35	55.85	24.3	30.6	93	68	Calm	NE 1	10	10	------	58.06	56.98	24.2	26	87	88	Calm	Calm	10	10	7.4
10..	56.91	56.37	23.6	31.8	92	64	Calm	Calm	10	10	------	56.92	55.07	23.5	29.5	96	80	Calm	Calm	10	10	12.4
11..	55.69	55.50	26.7	32.5	79	59	W 2	WSW 3	10	10	------	54.33	53.89	24.5	26.6	92	85	Calm	NW 1	10	10	3.1
12..	55.68	55.46	26.5	33.1	81	63	Calm	NE 2	10	10	------	53.83	53.07	25.5	26.4	85	90	Calm	Calm	10	10	19.8
13..	56.78	56.56	28.5?	33.3	81?	54	Calm	NE 1	10	8	.3	54.05	54.60	24.1	25.6	97	94	Calm	Calm	10	10	86.4
14..	58.06	57.57	25	31.5	92	69	Calm	NE 1	10	10	------	56.02	54.98	24	29.4	96	76	Calm	NE 1	10	10	8.1
15..	58.56	57.47	24	29.1	92	70	Calm	WNW 2	10	8	------	57	56.49	24.5	31.5	93	60	Calm	Calm	10	10	------
16..	57.89	56.24	27.2?	30.4	83?	71	WNW 1	NW 3	10	10	------	58.07	56.58	24.5	25.8	94	78	Calm	WNW 2	10	10	------
17..	56.47	56.01	24.5	25.2	91	94	Calm	SW 1	10	10	10.4	58.25	57.08	24.5	30	87	71	Calm	WNW 2	10	8	.3
18..	56.67	56.06	26?	28.5	92 ?	81	Calm	Calm	10	10	------	58.01	56.54	23.5	29.7	93	72	Calm	WNW 1	6	8	------
19..	57.06	55.52	25	29.5	93	76	Calm	Calm	10	10	------	57.52	56.46	24	30	96	76	Calm	NW 2	10	10	------
20..	57.33	56.16	24.5	30	93	76	Calm	NE 1	10	10	27.9	56.78	55.09	24.1	30.5	93	70	Calm	Calm	10	10	------
21..	58.06	56.44	24	28.4	96	78	Calm	Calm	10	10	------	55.03	53.99	24.8	31.3	86	64	Calm	NE 1	10	10	1.3
22..	56.81	55.38	25	30	93	68	Calm	Calm	10	10	------	55.51	56.59	24.2	26.5	94	88	Calm	W 1	10	10	5.6
23..	55.07	53.92	24.7	30.6	92	72	Calm	Calm	10	10	2.8	57.55	56.57	26.5?	31	88?	65	Calm	NE 1	10	10	------
24..	55.31	53.94	24.5	27	96	86	Calm	W 1	10	10	2.6	58.38	57.17	23.4	32.1	93	57	Calm	Calm	10	10	------
25..	54.77	54.98	24.2	27.5	98	81	Calm	Calm	10	10	3.1	57.19	56.26	25	32.5	79	52	Calm	NW 2	10	10	------
26..	55.59	55.09	25.5	31.5	93	46	Calm	Calm	10	10	------	55.97	54.42	23.8?	31.5	86?	51	Calm	WSW 2	10	10	------
27..	57.04	56.63	25.2	31.5	90	63	Calm	Calm	10	10	------	54	53.55	25.7	32.8	72	51	Calm	W 1	10	10	------
28..	58.61	58.17	24	30.5	93	72	Calm	NW 1	10	10	------	55.81?	54.61	------	31.8	------	54	Calm	W 3	10	10	------
29..	59.53	58.17	23.6	30	90	67	Calm	Calm	8	10	------	57.39	56.95	26	31.5	80	64	Calm	NE 1	10	10	------
30..	59.79	57.78	23.4	30.3	84	73	Calm	NE 1	10	10	------	57.29	56.49	25.1	31.5	95	63	Calm	Calm	10	10	.5
31..	59.54	57.98	23.7	30	81	66	Calm	NE 1	10	10	------	55.40	55.32	27.8	28.3	72	80	Calm	NW 1	10	10	6.7
Mean	56.72	55.88	24.8	29.8	90.7	71.5	0.1	1	9.9	9.8	------	56.99	55.99	24.4	30	90	69.5	0	0.9	9.5	9.6	------
Total	------	------	------	------	------	------	------	------	------	------	78.4	------	------	------	------	------	------	------	------	------	------	144.3

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.59	55.33	25	27	93	85	Calm	Calm	10	10	33	59.41	58.21	23.5	31.5	96	70	Calm	Calm	10	8	------
2	55.63	55.24	24	26.1	97	91	Calm	Calm	10	10	24.9	59.81	58.30	23	30.5	89	69	Calm	NW 1	8	10	------
3	55.58	54.95	23.5	24.5	99	96	Calm	Calm	10	10	78.5	60.50	59.05	24.1	32	87	64	Calm	NE 1	8	10	2.5
4	55.86	54.71	23.5	25.6	97	93	Calm	Calm	10	10	56.6	60.11	58.66	24	31	92	69	Calm	Calm	10	8	13.5
5	54.73	53.83	24	26.7	97	88	Calm	Calm	10	10	11.4	61.20	59.25	23.5	31	89	62	Calm	Calm	10	4	23.1
6	53.52	52.45	24	27.5	98	84	Calm	Calm	10	10	16.8	61.34	59.65	24.5	31.5	92	63	Calm	NE 1	10	7	12.5
7	54.87	54.45	24	25.8	98	94	Calm	Calm	10	10	68.3	60.61	59.67	24.2	30.5	97	68	Calm	Calm	10	6	------
8	55.48	55.51	23	25	96	93	Calm	Calm	10	10	43.9	61.74	59.80	25	31	92	69	Calm	Calm	10	10	------
9	55.17	55.02	23.4	24.6	97	93	Calm	NW 1	10	10	45.3	61.79	59.65	24.1	31.8	88	58	Calm	NE 1	7	4	------
10	56.34	55.76	23.5	29	97	76	Calm	NE 1	10	10	3.3	61.39	59.70	24.5	31.1	89	65	Calm	ENE 1	8	8	------
11	57.91	56.40	24.6	29.6	95	71	Calm	Calm	10	10	2.6	59.81	58.35	23	31	91	64	Calm	Calm	10	10	2.8
12	57.04	57.22	25	25	95	94	Calm	Calm	10	10	72.4	60.34	58.53	23.5	30.4	96	66	Calm	NE 1	4	4	------
13	57.33	56.55	23	29	99	71	Calm	Calm	10	10	18.5	61.14	59.77	23.8	30	89	67	Calm	NE 2	4	10	------
14	58.13	57.53	23.5	29.4	96	75	Calm	Calm	10	10	.5	62.19	60.54	23.5	29.5	88	63	Calm	Calm	10	10	.8
15	59.39	57.91	22.2	29.2	96	78	Calm	NW 1	10	8	------	61.78	59.76	25	29.4	88	66	Calm	NE 1	10	7	21.9
16	58.83	57.69	22	28.8	95	76	Calm	NW 2	10	4	------	61.31	59.87	23.5	28.5	94	70	Calm	NE 1	4	10	.3
17	58.38	56.47	23	28.5	92	78	Calm	NW 2	10	8	------	62.19	60.81	24.1	29.2	95	71	Calm	NE 2	6	6	10.2
18	58.69	57.86	23	29	93	71	Calm	NW 1	8	10	------	62.31	60.41	24	30.5	96	63	Calm	NE 1	10	2	1
19	60.01	58.87	23.5	30	90	77	Calm	NW 1	10	10	------	61.33	59.67	24.7	29.1	94	72	Calm	ENE 1	10	7	------
20	60.29	58.63	23	29.5	91	79	Calm	NW 2	8	10	------	60.92	59.97	25.5	30	86	74	Calm	NE 2	10	3	------
21	59.71	58.27	22.5	31.8	94	61	Calm	NNW 1	4	7	------	62.23	61.17	23	30.2	94	60	Calm	Calm	4	10	1
22	58.93	57.11	24	31	92	65	Calm	NW 1	8	9	------	62.08	60.97	24.5	30.5	94	65	Calm	NE 1	10	4	5.6
23	57.88	56.54	23.5	30.4	93	63	Calm	NW 2	3	4	------	61.97	60.97	24.6	30.5	87	60	E 1	Calm	10	4	4.9
24	57.14	55.89	22.6	31.4	89	66	Calm	Calm	10	10	------	62.89	61.33	23.5	27.5	96	77	Calm	NE 2	10	10	10.5
25	57.41	56.28	23.5	31.6	88	65	Calm	NE 1	10	10	.5	63.80	61.17	26	30.6	83	65	NE 1	NE 1	10	8	------
26	58.04	56.59	25.6	29.6	88	70	NW 1	Calm	10	10	------	62.17	60.11	26	30.4	78	61	Calm	NE 1	10	9	------
27	57.71	56.19	23	30	96	66	Calm	Calm	10	10	------	61.34	59.97	23.4	30.3	92	57	Calm	NE 2	8	4	------
28	57.78	56.79	25	30.1	92	69	Calm	Calm	10	10	10.7	61.83	60.45	25	28.8	92	72	Calm	NE 1	6	10	45.7
29	58.21	56.87	24.4	28	92	85	Calm	Calm	10	10	4	62.47	60.96	25	26.8	88	84	Calm	Calm	8	10	6.7
30	58.93	58.07	23.2	29.9	96	72	Calm	Calm	10	10	------	62.15	59.93	22.8	30.1	93	66	Calm	NE 1	10	4	.5
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	61.94	60.62	23.5	31	93	61	Calm	NE 1	10	4	------
Mean	57.35	56.37	23.6	28.5	94.4	78.2	0	0.5	9.4	9.3	------	61.49	59.91	24.1	30.2	90.9	66.5	0.1	0.8	8.5	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	491.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	163.5

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.44	61.36	26.8	31	78	62	NE 1	NE 1	10	10	1.5	60.94	59.32	25	30	95	67	Calm	NE 1	10	3	------
2	62.50	60.81	26.5	31	80	67	NE 1	NE 1	7	8	1.3	61.27	59.76	26	30.2	88	75	Calm	NE 1	9	9	1.5
3	61.41	59.41	23.5	29.5	91	60	Calm	NE 1	8	3	2.3	61.54	59.32	25	30.5	95	62	Calm	NE 1	6	2	------
4	61.71	59.03	23.5	29.5	96	66	Calm	NE 1	4	2	------	60.64	59.11	26.2	29.9	86	73	Calm	E 1	8	9	------
5	61.16	59.30	23.6	28.5	92	75	Calm	NE 1	10	10	18.3	59.88	58.46	26.4	30.2	86	68	Calm	NE 1	10	6	17.3
6	60.44	58.09	24	29	96	76	Calm	NE 1	10	8	.5	60.75	58.92	24	28.5	97	80	Calm	Calm	10	10	1.8
7	60.25	58.65	26	29.6	88	70	Calm	NE 1	4	3	36.3	61.05	59.15	26.1	29.7	91	71	Calm	NE 1	10	3	1.3
8	60.09	58.07	24	29.8	96	73	Calm	NE 1	7	4	2.8	60.47	58.48	24.5	30	96	74	Calm	E 1	10	6	.6
9	60	58.71	24	30	95	71	Calm	NE 1	10	2	4.8	60.85	59.63	23.4	26	90	82	Calm	E 2	10	10	6.4
10	60.29	58.80	23.8	30.5	96	66	Calm	NE 1	10	6	------	60.65	59	26	29.6	87	67	Calm	NE 1	10	3	5.6
11	60.60	58.24	23.8	29.7	97	71	Calm	NE 1	4	7	------	60.79	58.48	24	28.5	96	77	Calm	E 1	10	10	11.7
12	60.31	58.27	23.5	29.3	91	68	Calm	NE 1	5	2	.5	60.07	59.52	25.7	25.4	88	89	Calm	Calm	10	10	4.8
13	60.31	58.50	24.5	29.8	92	60	Calm	NE 1	10	2	2	60.64	60.05	25.7	24.2	92	91	Calm	Calm	10	10	3.3
14	60.65	58.32	24.4	30.2	95	67	Calm	ENE 1	5	2	------	61.29	59.59	21.5	28.8	88	62	Calm	NE 2	8	10	.3
15	60.17	58.57	25.3	31.4	92	60	Calm	NE 1	10	3	------	60.68	59.37	23.5	31.1	92	61	Calm	ESE 1	8	3	1
16	59.98	57.60	24	30.1	92	63	Calm	NE 1	10	6	15.5	62.16	60.64	22.5	29.4	94	75	Calm	NE 2	10	10	9.1
17	59.46	57.99	24.1	30.1	97	68	Calm	NE 1	6	2	.8	62.29	61.09	24.5	29.5	96	65	Calm	E 1	10	4	------
18	59.53	58.47	23.3	29.5	94	64	Calm	NE 1	10	10	.3	62.59	60.72	21.8	30.1	96	61	Calm	NE 1	8	3	------
19	60.83	59.06	24	29.8	93	67	Calm	NE 1	8	3	50.8	61.71	60.28	23	30.5	91	63	Calm	NE 1	10	7	5.1
20	61.36	59.36	23.5	29.1	92	74	Calm	NE 1	4	3	.5	61.47	60.84	25	27	88	80	Calm	NE 1	10	10	6.8
21	61.41	59.46	23	30.8	95	71	Calm	Calm	10	9	------	61.19	59.09	24	29.8	96	73	Calm	NE 1	10	8	17.8
22	61.44	59.22	27	30	78	68	Calm	NE 1	10	8	------	61.24	58.32	24.4	31	97	65	Calm	NE 1	10	3	20.8
23	60.98	59.28	24	30.5	94	69	Calm	NE 1	8	8	------	61.09	59.44	23	29.5	97	69	Calm	NE 1	10	3	.5
24	61.23	58.73	23.5	31	92	58	Calm	NE 1	10	8	.5	61.80	60.07	25.2	30.1	86	64	Calm	NE 1	10	3	------
25	60.48	59.13	23.4	30.1	92	65	Calm	NE 1	10	10	.3	62.59	61.17	22.5	30.7	89	53	Calm	NE 1	10	6	.5
26	61.73	59.44	24.5	28.1	93	78	Calm	NE 1	10	10	1	63.97	61.64	23	29	93	64	Calm	Calm	10	4	3.3
27	61.52	59.67	27.1	30.6	84	62	Calm	NE 1	10	10	13.7	64.11	61.92	23.5	28	91	77	Calm	Calm	8	8	------
28	61.54	58.94	26.5	26.2	84	86	Calm	NNE 2	10	10	3.3	63.41	60.99	25.4	29.5	82	61	Calm	NE 1	10	7	------
29	60.04	59.07	25.3	28.4	88	78	Calm	NE 1	10	10	8.1	62.85	59.76	20.6	29	94	62	Calm	NE 1	8	8	1.5
30	60.96	59.32	23	28.4	96	82	Calm	NE 1	4	10	36.8	60.91	59.69	22	29	92	64	Calm	E 1	8	9	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	62.15	60.58	22	29.4	88	62	Calm	Calm	10	3	------
Mean	60.83	58.96	24.4	29.7	91.3	68.8	0.1	1	8.1	6.3	------	61.52	60.05	24	29.2	91.5	69.8	0	0.9	9.4	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	201.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	121

VIRAC.

[ϕ=13° 35′ N: λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	63.67	62.27	23	24.7	95	90	NW 1	NE 1	10	10	32.5
2	63.16	62.79	24	25.3	96	89	E 3	NE 3	9	10	72.1
3	64.06	63.67	22.5	25.5	90	78	E 2	E 3	10	10	12.7
4	63.67	62.91	24.2	27	82	75	E 3	E 3	10	9	1.3
5	64.31	63.05	23	29	96	67	E 2	E 3	9	6	------
6	64.12	62.84	21.1	28.5	95	71	N 1	SE 4	5	4	------
7	64	62.84	18.8	26.7	96	79	NNW 1	WNW 2	3	6	------
8	64.18	64.11	24	26	75	69	SSE 2	E 4	9	9	15
9	64.83	64.27	22	25.5	74	62	ENE 4	E 4	10	9	.5
10	64.88	64.12	20	26.2	81	54	NW 2	NE 3	10	5	------
11	64.37	63.05	20	26.7	86	67	NW 1	N 1	9	6	------
12	62.68	61.40	21.7	29.2	92	66	N 1	E 3	10	6	12.4
13	62.21	61.06	24	27.5	90	78	E 3	E 3	10	8	6.4
14	62.23	61.24	21.8	28.5	97	71	N 1	SE 3	10	10	3
15	62.92	61.60	22	29.5	96	59	WNW 1	E 2	10	5	------
16	63.19	62.41	21.5	29	83	57	NE 2	E 3	6	7	------
17	63.39	62.41	21.5	29.5	95	58	NW 2	E 3	6	6	------
18	63.02	61.49	21.5	30	87	66	NE 2	ESE 3	7	7	------
19	62.18	59.99	21.5	28.5	91	57	NNE 1	SE 3	4	4	------
20	61.03	60.01	21	28.5	95	71	WNW 1	W 1	2	10	------
21	61.21	60.41	23	28	91	70	N 1	E 3	10	10	17
22	61.58	61	22.7	29.1	94	61	NW 1	E 3	10	5	1.5
23	61.76	61.31	24.5	28.5	81	60	E 3	E 4	8	9	.5
24	62.21	61.21	23	28.5	86	64	E 2	E 3	10	9	------
25	61.71	60.90	21.3	28.7	84	58	NNE 2	SE 3	4	3	1
26	61.73	61.24	19.8	28.5	92	60	NNE 1	E 3	5	10	------
27	62.58	61.44	22.5	27.5	91	73	NNW 1	ESE 3	10	6	------
28	62.33	60.40	19.6	28.2	94	70	N 1	E 3	3	5	------
29	61.47	60.19	20.8	29	94	58	NNW 1	SE 3	7	3	------
30	61.33	60.50	20	28.4	96	70	NW 1	E 3	10	8	------
31	61.76	60.88	21	30	96	56	E 2	ESE 3	10	4	1.3
Mean	62.83	61.84	21.8	27.9	90	67.2	1.7	2.9	7.9	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	177.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10.	mm.
1	61.43	60.09	19.5	28.7	95	59	NW 1	SE 4	8	4	------
2	61.44	59.64	21	29.8	95	58	NW 1	ESE 2	5	5	------
3	61.88	60.86	22	30.2	88	58	NE 1	ESE 2	5	6	1.3
4	61.82	60.84	25.2	28.6	80	66	E 4	SE 4	9	8	2
5	61.82	60.95	24.2	30.5	74	56	E 3	E 3	7	4	------
6	61.79	61.01	19	30.3	96	48	NW 1	SE 4	3	4	------
7	61.80	60.06	19.5	28.8	93	58	NW 1	SE 3	5	6	------
8	61.33	61.02	18.1	29.5	94	58	NW 1	SE 3	3	5	------
9	62.04	61.34	18.6	30.6	94	55	NNW 1	ESE 3	5	8	------
10	62.28	61.23	23	29	79	59	E 1	SE 3	7	4	.5
11	62.08	62.06	21	25	95	82	ESE 1	SE 3	9	9	3.1
12	62.77	62.68	21	25.5	91	72	NNE 1	ESE 3	8	10	.8
13	63.42	63.14	23	25.1	79	75	N 1	SE 3	10	9	5.3
14	63.52	62.83	23	29.5	79	52	E 3	E 3	10	6	.3
15	63.69	62.76	23.1	29	74	58	E 1	SE 4	5	6	------
16	63.34	62.28	18.4	30.5	90	50	N 1	SE 3	4	5	------
17	63.15	62.40	18.5	29.5	93	55	E 1	SE 3	5	4	------
18	62.38	62.09	18.2	28.4	96	56	NW 1	SE 3	5	5	------
19	62.92	61.95	17.5	30.4	95	53	NNW 3	SSE 4	4	2	------
20	62.65	61.99	19.5	28.8	95	53	NW 1	SE 4	9	3	------
21	62.04	60.94	18	29.5	90	55	NW 1	SSE 3	3	3	------
22	61.53	60.14	18.5	29	95	60	NW 1	SE 3	10	6	.5
23	61.59	60.66	18.5	30	95	67	NW 1	SE 2	3	1	------
24	61.35	60.65	19	31	96	59	NW 1	S 3	3	4	------
25	61.40	60.83	19	31	95	59	NW 1	S 3	3	5	------
26	62.02	61.90	20	29.6	95	58	NW 2	SE 3	7	7	------
27	62.98	62.74	24.4	31.5	74	60	E 2	ESE 3	5	5	------
28	63.31	62.47	25	30.7	83	56	E 1	E 3	10	8	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	62.28	61.48	20.6	29.3	89.2	59.1	1.3	3.1	6.1	5.4	------
Total	------	------	------	------	------	------	------	------	------	------	13.8

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	63.16	62.34	25.3	31.3	81	57	E 3	SE 3	9	6	------
2	63.51	62.23	20.1	30	95	56	NNW 2	SE 3	5	6	------
3	63.14	61.35	20.4	29.2	91	66	NNW 1	SE 3	4	9	0.3
4	60.38	59.38	25.5	32.5	80	58	E 2	E 3	10	6	11.7
5	59.25	58.45	24.5	24.8	91	93	E 2	E 3	10	10	95
6	59.60	58.26	24	29.5	91	72	ESE 2	SE 3	10	7	.3
7	59.39	58.39	25.1	29.6	91	71	ESE 2	SE 3	10	5	5.8
8	59.82	58.55	25	30	90	62	E 2	SE 2	10	4	1.8
9	59.73	58.96	25	29.6	88	69	E 2	SE 2	6	5	------
10	60.21	59.25	22.5	29.5	89	60	NE 1	SE 3	4	3	------
11	59.85	59.29	18	31	96	59	NNW 1	SSE 3	4	2	------
12	60.01	60.10	21.6	29.6	95	71	NW 1	SE 3	10	5	4.6
13	60.61	60.53	23.5	30	91	71	NW 1	SSE 3	10	4	1.8
14	61.04	60.97	21	26.5	95	80	NW 1	S 2	4	10	.5
15	62.43	61.04	19	29	96	61	NNW 1	ESE 3	1	5	.5
16	61.21	60.81	24.5	30	83	65	E 2	E 3	8	7	1.3
17	62.23	62.27	22.3	32	90	60	NW 1	SSE 3	10	5	14.7
18	63.98	62.91	22.5	30	91	64	ENE 1	SE 3	5	4	------
19	63.37	61.29	20.6	29.7	94	68	NW 2	NW 2	4	9	------
20	61.04	59.56	21.4	28.5	93	71	NNW 2	SE 2	5	9	------
21	59.96	59.05	21.5	30.2	95	71	NW 1	SSE 3	7	5	------
22	60.11	59.25	22	29.8	96	69	NW 2	SE 4	7	4	------
23	60.61	59.51	19.8	30.3	96	63	NNW 1	SE 3	3	3	.3
24	60.53	59.83	24.5	31	87	62	E 1	SE 3	5	5	------
25	60.68	60.18	20.8	31.5	98	57	NW 2	ESE 3	3	7	.5
26	60.29	59.94	21.6	31.6	90	49	NE 1	ESE 3	4	5	------
27	60.69	59.94	22	32	87	52	N 1	SE 3	5	9	------
28	60.97	60.43	22.5	32	84	59	NNE 2	E 3	8	5	------
29	61.63	60.24	22	32	93	57	NNW 1	ESE 3	7	7	------
30	60.71	59.55	20	29.5	95	68	NW 1	SE 4	5	5	------
31	59.39	58.26	20.2	30.2	96	64	NW 1	SE 3	2	4	------
Mean	60.95	60.07	22.2	30.1	91.2	64.7	1.5	2.9	6.3	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	139.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.11	59.02	25.6	80.8	79	60	E 2	SE 3	9	8	------
2	59.97	59.19	20.6	31.5	94	63	NNW 1	ESE 3	4	3	------
3	59.81	59.57	23.7	31.5	91	62	NE 1	SE 3	3	8	1.3
4	60.11	58.76	24.8	30.3	92	72	E 2	SE 4	4	5	6.6
5	60.16	59.19	23.5	30.5	96	75	N 1	SSE 2	6	7	16.6
6	59.35	58.44	23	30	95	74	NNW 1	SE 3	5	4	14.5
7	60.02	58.70	24	31.6	96	62	NE 1	SSE 2	8	4	1.8
8	60.22	59.90	25.5	31.4	94	68	N 1	SSE 2	9	4	8.4
9	61.26	61.06	24.2	28.3	94	75	NNW 1	E 4	5	9	95.2
10	61.96	61.01	23.5	27	97	80	NW 1	E 2	10	10	47.8
11	60.66	58.96	25	29.5	81	69	ENE 1	SSW 2	9	8	------
12	59.92	58.80	22.6	29.4	91	65	NNW 1	SE 2	8	4	------
13	60.01	59.14	21.7	30.5	94	74	NW 1	SSE 2	3	4	------
14	60.22	59.96	21.5	31.3	95	65	NW 1	SSE 2	4	7	------
15	61.27	60.63	21.5	30	97	65	NNW 1	SSE 3	3	3	------
16	61.46	59.28	22	29.8	96	65	NW 1	SE 3	3	4	------
17	59.93	58.55	21.6	31	96	65	NW 1	S 1	7	3	------
18	59.77	------	22.8	------	95	------	N 1	------	8	------	------
19	60.21	59.13	26.2	30	87	75	E 2	SE 3	5	5	3.3
20	61.41	60.97	23.8	31.7	95	68	NNE 1	S 3	5	4	2.5
21	62.67	60.93	26.5?	32.2	84?	61	E 2	SE 3	7	7	1
22	60.20	59.45	25.3	27.4	93	89	WSW 1	SSE 4	5	9	10.4
23	60.43	59.49	23.5	32	96	69	NW 1	SSE 3	4	3	.5
24	60.15	59.70	23.6	30.5	95	68	ENE 2	SE 4	4	6	.3
25	60.21	59.83	26.5	30.8	90	68	E 2	SE 3	7	7	------
26	60.99	60.75	27.5?	31.5	84?	65	E 1	E 3	5	4	------
27	60.28	60.02	23.1	32	95	65	NNW 1	SE 3	3	5	.3
28	59.92	59.14	23	31.7	97	64	NW 1	SSE 3	4	7	------
29	58.95	58.68	22.6	31.5	95	69	NW 1	SSE 3	4	5	------
30	59.63	58.94	22.5	32.4	96	61	NNW 1	SSE 3	5	3	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.34	59.56	23.7	30.6	92.7	68.3	1.2	2.8	5.5	5.5	------
Total	------	------	------	------	------	------	------	------	------	------	210.5

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P ct.	P. ct.			0-10.	0-10.	mm.
1	60.42	59.39	27.2?	33.1	95?	58	E 1	E 3	7	5	------
2	60.82	60.10	24	31.5	91	60	NE 1	SSE 4	5	3	------
3	60.97	59.17	25	32.1	92	60	NNW 1	SE 3	5	4	------
4	59.86	58.23	23.3	32.5	94	59	NW 1	SE 3	4	5	1.3
5	58.63	56.93	23.5	30.5	92	68	NW 2	SSE 3	5	6	1.5
6	58.73	57.58	23.5	31	92	68	NNW 1	SSE 4	8	3	.3
7	59.07	58.72	23	31.7	93	66	NW 2	SSE 4	7	7	13.7
8	59.13	58.79	26.3	31.7	91	65	E 2	E 3	8	9	4.6
9	58.23	58	26.5	31.5	90	66	E 2	ESE 3	7	7	5.1
10	57.01	56.56	27	27.5	87	85	ESE 2	E 3	9	9	1.5
11	57.46	57.09	24	31.7	95	64	E 2	SSE 3	10	5	------
12	58.67	58.08	24	31.5	95	60	NW 2	SE 4	9	3	1
13	59.33	58.77	24	31.5	97	63	N 1	SSE 4	3	4	2.8
14	59.48	58.70	24.5	30.5	96	68	NNW 1	SSE 3	7	5	------
15	59.76	58.94	23.7	32.3	96	64	NNW 2	SSE 4	5	6	------
16	59.60	------	24.8	------	93	------	NNE 1	------	6	------	------
17	(a)	------	------	------	------	------	------	------	------	------	------
18	------	------	------	------	------	------	------	------	------	------	------
19	------	------	------	------	------	------	------	------	------	------	------
20	------	------	------	------	------	------	------	------	------	------	------
21	------	------	------	------	------	------	------	------	------	------	------
22	------	------	------	------	------	------	------	------	------	------	14?
23	60.37	58.88	24	30.5	90	66	NW 1	SSE 3	3	6	------
24	58.95	57.44	23.3	31.5	93	63	NW 2	SE 2	4	9	------
25	57.32	57.55	23.6	31.7	93	66	NW 1	S 2	7	10	2.1
26	57.63	56.98	24.9	30.5	92	76	WNW 2	S 2	7	10	15.5
27	56.33	54.71	26.1	32.7	91	61	SSW 1	NNE 2	10	9	.3
28	55.03	54.11	25	30	96	68	NW 1	N 3	5	9	------
29	54.99	54.14	25	29.5	92	80	NNW 1	SSE 1	9	10	4.1
30	55.42	53.60	24.6	32.6	95	60	NW 1	NW 3	7	9	1.3
31	53.24	52.73	26.5	27	88	89	WNW 3	WNW 3	10	10	23.9
Mean	58.26	57.30	24.7	31.1	92.8	66.8	1.5	3	6.7	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	[b] 93

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	54.95	56.23	28.2	28.8	80	79	SW 4	SSW 7	10	10	2.3
2	57.61	56.62	27	28.5	89	84	SSW 4	S 3	10	10	7.9
3	58.28	57.02	25.6	29	95	76	W 1	S 2	10	10	10.9
4	58.33	57.03	23.6	31.2	95	68	NW 1	SSE 2	10	4	1
5	58.82	58.44	27.7	31.2	90	74	SSW 2	SSE 2	10	9	------
6	60.55	58.89	25	31	95	72	ESE 1	SSE 2	9	7	------
7	60.05	58.30	24	30.5	91	72	NW 1	SE 3	5	4	------
8	59.24	58.24	24	31.5	96	66	NNE 1	SSE 3	6	5	4.6
9	59.02	58.15	25	31.1	96	66	NNE 1	SSE 3	7	3	------
10	59.29	58.97	26.1	31.4	91	76	S 2	SSE 2	9	4	8.9
11	59.73	58.36	24.1	31.5	95	70	NNE 1	SSE 3	5	3	------
12	59.10	57.99	24	32	93	63	NW 1	SSE 2	4	3	------
13	58.57	57.81	24	31	95	73	NNW 1	S 3	5	6	1.3
14	59.18	57.84	24.2	31.2	95	69	NW 2	SSE 3	6	3	------
15	58.84	57.29	23.5	31.5	92	66	NW 1	SE 3	4	5	10.2
16	58.32	55.78	24.1	32.6	96	63	NW 1	ESE 3	5	5	4.3
17	57.21	55.92	24.7	32.7	94	62	NW 1	ESE 3	7	7	13.2
18	55.06	51.87	26.2	26.5	82	83	N 2	ENE 8	10	10	105.9
19	54.46	55.70	25.6	28.1	95	85	SSE 7	S 2	10	10	42.2
20	57.53	56.79	27	29.1	88	78	S 3	SE 3	8	9	------
21	58.67	57.73	27.5	30.5	90	74	SE 2	SSE 3	9	8	79
22	59.34	57.69	25	30	95	74	NNW 1	SE 3	5	8	------
23	58.82	57.98	25	30.5	93	75	NW 1	S 2	5	9	.5
24	58.03	57.23	24.2	31.6	95	65	NW 1	SE 3	5	10	------
25	57.28	56.60	24	28.7	97	76	NW 1	SE 2	10	9	9.1
26	57.19	56.25	24.2	30.1	95	77	NW 1	SW 2	10	10	1.8
27	55.06	54.18	26.5	29.5	83	68	NW 3	WNW 3	10	10	.5
28	54.16	53.35	26.8	29	90	85	WNW 3	WNW 3	10	10	7.4
29	54.90	53.77	27	30.5	86	68	W 2	SW 3	8	10	------
30	55.42	54.65	26.8	30.2	86	70	W 2	WSW 3	9	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.77	56.76	25.4	30.4	91.8	72.6	1.8	3	7.7	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	311

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.86	55.36	26.4	31.5	90	74	NW 1	S 2	10	6	31.7
2	56.84	56.09	24.1	28.1	96	88	NW 1	SSE 1	4	10	1.8
3	57.02	54.96	24.2	32	95	65	N 1	WNW 2	9	9	.3
4	54.99	53.71	25.6	30.6	87	73	WNW 2	WNW 3	9	10	17.8
5	53.92	54.01	26.1	26.5	85	90	WNW 3	WNW 3	10	10	3
6	53.46	52.95	26.6	31.5	81	68	W 3	W 3	10	9	.3
7	54.47	53.72	25.5	30.5	89	67	WNW 3	W 3	9	9	.5
8	55.04	54.91	26	31.8	88	65	NW 1	W 3	10	8	------
9	56.36	54.77	26.5	33.5	83	58	NW 1	W 3	5	4	------
10	55.21	54.93	27.2	28.5	83	77	NW 3	WNW 3	10	10	------
11	55.21	55.19	27.5	30.5	82	71	WNW 3	WNW 3	10	10	------
12	55.75	55.57	28	30.8	81	67	W 3	WSW 3	10	10	------
13	56.42	56.37	27	31.5	88	66	W 2	W 3	10	10	------
14	57.68	56.55	25.5	33	93	59	WNW 1	W 2	9	4	------
15	57.59	56.33	24.6	33.7	95	60	WNW 1	W 3	5	5	------
16	56.63	55.45	25.5	29	86	78	WNW 2	E 1	7	9	------
17	55.94	55.23	23.6	32.8	95	60	WNW 1	S 2	5	4	------
18	56.53	55.64	24.5	33	96	58	WNW 1	SW 3	7	4	------
19	56.52	55.58	24.3	28.5	93	83	WNW 1	NW 1	4	9	.8
20	56.68	56.08	23.5	30.6	91	68	WNW 2	S 1	7	7	------
21	56.98	56.06	23.7	28.5	96	77	NW 1	NNE 2	8	9	------
22	56.15	54.38	24	31.6	95	62	NW 1	S 1	3	4	------
23	54.72	53.38	24.1	32.6	95	61	WNW 1	W 2	3	8	.5
24	54.56	54.39	25	31.5	92	65	WNW 2	W 3	10	10	.3
25	55.25	54.98	26	33	87	54	WNW 1	WSW 3	10	4	------
26	56.03	55.12	25.7	32	86	58	W 1	W 3	10	10	------
27	56.87	56.47	26.6	31.5	87	63	WNW 2	W 3	10	10	------
28	58.15	57.58	25.5	33.8	92	63?	WNW 1	S 2	10	4	------
29	58.77	58.14	24	32.7	93	60	NW 1	S 2	3	6	2.5
30	59.29	57.24	24.4	31.5	88	66	NE 1	SSE 2	7	5	------
31	59.33	57.78	26.2	32.8	82	58	SE 1	SSE 2	6	2	------
Mean	56.27	55.45	25.4	31.3	89.4	67.2	1.6	2.4	7.7	7.4	------
Total	------	------	------	------	------	------	------	------	------	------	59.5

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.93	57.72	23.8	31.5	93	60	WNW 1	SE 3	3	4	------
2	58.68	57.19	23	31	95	72	NW 1	SSW 2	3	7	2.3
3	57.41	56.51	23.5	26	94	92	NNW 1	NNW 1	6	10	27.5
4	57.04	56.46	23.5	30	96	71	NNW 1	NW 2	4	7	------
5	57.18	56.86	23.8	25.5	93	92	NNW 1	NNE 1	6	10	13.9
6	57.27	56.55	24	28.7	96	76	NW 1	WNW 2	7	8	35.5
7	58.04	56.85	24	30.4	97	72	NNW 1	S 2	10	7	8.4
8	57.02	56.41	23.8	29	97	74	NNW 1	WNW 2	9	10	------
9	57.13	55.62	24.4	32.1	95	63	NW 1	W 3	10	9	14.5
10	56.13	54.84	24.7	28.5	96	80	WNW 1	WNW 2	10	10	11
11	53.18	52.76	25.5	29.5	89	73	WNW 2	WNW 3	10	10	------
12	52.76	52.71	26.9	29	77	75	W 4	WSW 5	10	10	------
13	54.24	54.38	27.3?	29.5	82?	69	SW 3	WSW 3	10	10	12.4
14	56.24	56.09	25.5	31.5	92	69	WNW 3	S 2	10	8	------
15	57.47	55.78	25	32.5	96	59	WNW 1	WSW 3	5	5	------
16	57.14	55.72	24.4	32	92	70	WNW 1	SSE 2	4	5	------
17	57.07	56.68	24	25.8	91	89	NW 1	E 1	3	10	14.8
18	57.37	56.48	23.8	24.5	97	94	NW 1	E 1	3	10	27.2
19	56.62	55.63	23.6	32.2	97	59	NW 1	W 3	4	7	.3
20	56.22	54.57	25	32	92	63	NW 1	W 3	10	6	------
21	55.25	53.81	26.8	31.1	86	65	W 2	WSW 3	10	10	------
22	55.52	55.27	27.8	30.6	79	70	WSW 3	WSW 3	10	10	------
23	57.48	56.63	26.4	31.7	87	62	WNW 2	WNW 3	10	7	------
24	58.17	56.43	26	33	92	55	WNW 1	W 3	10	4	------
25	57.01	55.94	26.5	30.6	80	72	NW 2	W 3	10	10	------
26	55.72	54.34	26.5	32	84	57	NW 1	W 3	9	9	------
27	54.97	53.93	28?	32.5	70?	53	WSW 3	WSW 4	7	6	------
28	56.01	54.90	27.5	33	78	53	W 3	W 3	6	4	------
29	57.23	56.30	26.5	33	85	58	W 2	WSW 3	6	4	------
30	57.11	55.60	26.5	32.7	82	55	W 2	WNW 3	7	6	------
31	55.36	54.80	27.8	33	73	53	WNW 3	WNW 4	9	5	------
Mean	56.55	55.61	25.3	30.5	88.8	68.5	1.7	2.6	7.5	7.7	------
Total	------	------	------	------	------	------	------	------	------	------	167.8

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[a] This station was temporarily closed from May 17 to 22.
[b] 25 days of observation.

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, −1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.09	54.09	27	31	84	65	WNW 2	W 3	10	9	------
2	54.96	53.48	27	30	87	70	WNW 2	WNW 4	10	10	------
3	54.05	53.06	27.5	29.6	81	71	WNW 8	WNW 3	10	10	------
4	53.67	53.03	26.7	31	83	67	WNW 3	WNW 3	10	10	------
5	54.25	53.25	26	28.8	88	76	WNW 2	WSW 2	10	10	------
6	54.07	53.28	26.6	29.6	84	69	WNW 1	WNW 3	8	10	1.3
7	54.11	53.44	26.7	30.4	86	74	W 2	WNW 3	9	8	1.8
8	54.83	54.16	25.5	27.1	92	81	WNW 2	WNW 3	10	10	1.1
9	54.67	54.75	25.8	28.5	90	81	NW 1	W 3	10	9	16.5
10	55.64	55.90	25.5	29.6	91	71	WNN 2	W 3	10	10	------
11	56.82	55.92	25.6	32	92	67	NW 1	WSW 3	10	5	------
12	56.60	55.58	26.8	30.1	86	75	W 2	WSW 3	10	9	9.4
13	56.68	55.75	24.5	29.2	87	71	WNW 1	W 2	10	10	3.8
14	57.53	56.90	23.9	28.5	94	74	NW 1	NW 2	10	10	.5
15	58.25	57.14	23.3	32	96	63	NW 1	W 2	5	4	------
16	58.05	56.60	23	33	96	56	W 1	W 2	6	1	------
17	57.45	56.24	23.4	32.4	93	66	W 1	S 2	7	3	------
18	57.76	57.39	24	32.4	93	64	WNW 1	S 2	7	7	------
19	59.12	58.13	24.5	29.2	92	83	NW 1	E 2	4	6	------
20	59.25	58.44	23.2	29	91	78	WNW 1	NNW 1	5	7	12.2
21	58.14	57.81	23.5	27.2	96	86	NW 1	S 1	5	10	12
22	56.98	55.72	23	30.5	97	71	NW 1	SSW 1	7	9	------
23	55.98	55.18	24	30.7	96	70	NW 1	N 3	6	7	------
24	56.11	55.68	24.5	32.5	91	63	NW 1	W 3	10	7	2.5
25	57.16	55.74	24.5	32.5	96	65	NW 1	SSW 3	8	5	9.1
26	57.26	55.93	24.6	30.5	91	75	NW 1	SE 2	7	7	9.4
27	56.98	55.45	24	31	96	65	NW 1	W 3	9	9	.8
28	57.51	56.56	26	29.7	89	77	WNW 1	NW 1	9	10	.8
29	57.27	56.38	24.6	31.7	95	63	WNW 1	SSW 3	10	7	------
30	58.14	57.36	24.1	32.6	96	60	NW 1	W 3	9	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.48	55.61	25	30.4	91	70.6	1.4	2.5	8.4	7.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	81.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.05	57.93	24	31.2	95	68	NW 1	SE 2	9	6	------
2	59.15	58.14	24	32.2	96	65	NW 1	S 1	5	5	------
3	59.67	59.20	23.5	32.6	94	66	WNW 1	SSE 3	5	5	1.8
4	60.18	59.04	25	30.2	93	81	E 2	SE 3	9	4	3.6
5	60.28	59.28	22.1	31	95	72	NNW 1	SE 3	4	7	24.9
6	60.38	59.28	25	28.4	95	77	SE 1	SE 2	9	7	7.4
7	59.62	58.72	23	32	96	64	NW 1	ESE 3	5	5	------
8	60.36	59.14	24.5	31.6	96	66	NW 1	E 2	6	7	------
9	60.63	59.05	23	31	93	65	NNW 1	W 2	4	7	------
10	60.16	58.89	22.1	30.4	95	65	W 2	S 2	7	9	------
11	58.98	58.07	22	27.2	96	86	NW 1	S 1	4	10	5.9
12	59.17	58.31	24	28.5	95	67	ESE 2	ESE 2	10	9	.8
13	60.06	59.46	21.7	28.4	94	73	NNW 1	S 2	3	9	.8
14	61.08	60.14	22	28.5	91	73	NNW 1	SE 2	4	10	------
15	60.68	59.40	22.4	29	95	78	NNE 1	SE 3	6	9	------
16	60.33	59.77	24	30.3	87	76	E 1	ESE 3	7	7	6.9
17	61.13	60.38	24	31.5	91	72	NE 2	SE 3	10	6	.5
18	61.11	60.13	23.5	30.7	96	62	NW 1	E 2	3	7	7.1
19	59.86	59.49	24.5	31	96	69	N 1	SE 2	10	4	------
20	60.58	60.24	22	30.5	96	70	NNE 1	SE 3	4	4	11.9
21	61.65	60.98	22.5	31.5	96	70	NW 1	SE 3	4	4	7.3
22	61.03	60.69	24	26	95	85	NW 1	E 2	10	10	19.8
23	61.28	60.63	25.3	31	86	63	E 2	E 2	5	4	5.6
24	61.58	60.99	25.5	30.7	84	67	E 3	E 3	5	6	3.3
25	61.80	61.06	26	27.2	88	83	ENE 2	E 3	6	8	.3
26	61.47	60.39	23	31	91	68	NW 1	ESE 3	10	7	------
27	60.77	59.92	25	31	87	69	E 2	SE 3	7	7	10.2
28	61.45	60.65	24.6	30.5	90	68	SE 2	ESE 3	10	8	15.3
29	61.51	60.50	25.3	31.2	89	71	E 2	SE 3	8	6	------
30	60.93	59.88	25.5	30.7	84	61	E 3	ESE 3	9	9	------
31	61.83	60.57	22.5	31.2	96	72	NW 1	E 3	6	8	24.6
Mean	60.53	59.69	23.7	30.3	92.6	70.7	1.4	2.5	6.6	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	158

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.72	60.75	25.5	30	93	78	SE 2	SE 3	10	7	12
2	61.56	60.17	23.5	31.4	89	67	NW 1	ESE 3	5	5	------
3	60.49	58.87	21.6	31	95	72	NW 1	SE 2	5	4	2.5
4	60.58	59.41	24	30.2	93	81	E 1	SE 3	8	8	1.3
5	60.42	59.23	23.8	30	97	71	NW 1	SSE 3	9	5	.3
6	59.82	58.48	22.5	30	96	73	NW 1	SE 3	7	4	------
7	59.67	58.49	22.7	32.2	96	61	WNW 1	ESE 3	3	3	------
8	58.95	58.16	24	30	96	78	NW 1	SE 3	9	7	1.3
9	59.44	58.38	22.5	30.6	96	73	NW 1	SE 3	7	3	2.1
10	59.76	58.51	22.6	26.5	97	91	NW 1	SE 3	4	10	4.6
11	59.16	57.98	22.8	31	95	72	NW 1	ESE 3	5	4	2
12	59.45	57.99	23	28.5	97	75	WNW 1	E 3	10	7	9.2
13	59.59	58.19	22.5	31	96	72	NW 1	SE 3	5	7	1.3
14	59.96	58.34	25.5	30.5	84	71	E 2	E 3	6	6	.3
15	59.14	58.16	23.6	30.5	95	63	WNW 2	E 2	9	3	14.5
16	59.28	57.55	23.5	30.5	96	65	NNE 2	E 3	9	4	8.2
17	58.68	57.72	25.5	30.1	92	65	ESE 2	ESE 3	5	3	------
18	59.02	58.38	21	29.8	95	66	NW 1	ESE 3	2	4	------
19	59.83	59.13	22.5	30.6	97	70	NW 1	E 3	4	5	.5
20	60.18	59.48	23.4	30	95	71	N 1	SE 3	6	8	1.3
21	60.53	59.52	23	27.8	96	83	N 1	NW 2	6	9	.8
22	60.23	59.55	23.5	29.6	91	74	NW 1	ESE 3	5	8	4.6
23	60.32	59.53	26.2	30	90	71	E 3	ESE 3	8	6	------
24	60.23	58.58	22.5	31.5	96	65	NW 1	SSW 2	7	6	------
25	59.34	58.59	22.8	32	95	60	NW 1	SE 3	8	9	------
26	60.25	58.90	26.6	31.5	80	63	E 3	ESE 3	10	7	2.8
27	60.92	59.70	25	27.6	82	89	NW 1	E 3	9	10	13.9
28	60.97	58.94	25.4	31.1	88	62	E 2	E 3	7	6	56.1
29	59.62	58.99	24	29.6	88	71	E 2	E 3	10	7	8.6
30	59.64	59.32	24.5	26.6	91	91	WNW 2	ESE 3	10	10	25.4
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.96	58.83	23.6	30.1	92.9	72.1	1.4	2.9	6.9	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	173.6

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.37	59.38	25.8	28.2	89	80	ENE 2	ENE 3	10	10	9.4
2	60.88	59.55	23.1	31.2	96	69	NW 1	E 2	5	5	------
3	60.50	59.17	23	31.3	91	69	NW 1	E 3	4	5	13.2
4	59.55	59.11	25.2	28	88	82	NNE 2	SE 3	9	10	5.1
5	59.22	58.59	23.6	29.7	95	72	NW 1	E 3	7	10	21.1
6	60.35	58.85	23.6	30.5	95	67	NE 1	SE 3	7	5	1
7	60.26	59.25	23	28	96	79	NNW 1	SE 2	6	7	1.8
8	59.56	58.79	24.5	30.6	94	63	E 2	E 3	6	5	13.2
9	59.50	59.21	25.5	29.3	84	76	E 3	E 3	7	8	8.9
10	60.05	58.88	25.5	29.7	92	73	E 2	SE 3	6	9	13
11	59.96	58.49	26	28.3	89	75	E 2	ENE 3	10	10	29
12	59.67	58.68	26.2	30.5	89	75	E 3	E 3	10	6	24.4
13	60.40	59.85	25	29.5	92	75	ESE 3	E 3	10	8	1
14	60.71	59.86	25	28.8	90	72	E 3	SE 4	7	4	2
15	60.48	59.66	23.4	27.8	91	82	N 1	E 2	10	9	89.2
16	62.23	61.07	25	29.7	83	68	E 2	E 4	10	7	.8
17	62.45	61.29	22	30.2	95	70	NW 2	ESE 3	6	.5	------
18	61.91	60.63	21.5	28.3	95	75	NNW 1	WNW 1	3	9	.3
19	60.53	59.71	22	30.7	93	67	NW 1	S 2	7	5	------
20	60.16	59.13	23.8	29.6	95	74	NE 1	E 2	7	9	2.5
21	59.94	58.94	25.5	30	92	73	ENE 2	SSE 3	10	7	5.1
22	59.84	58.98	25.4	30.3	93	70	E 2	SSE 2	10	4	.5
23	60.39	60.30	21.4	30.3	96	71	NW 1	S 2	4	9	------
24	61.61	60.91	21.3	29	97	71	NW 1	SE 4	5	6	------
25	62.42	61.53	26.7	29	94	78	SE 4	SE 4	6	4	------
26	62.46	61.51	22	28.5	96	77	NW 1	WNW 2	3	10	3
27	62.65	61.74	24.9	29.5	96	72	ENE 2	E 3	10	7	------
28	62.37	61.06	22	29.5	89	74	N 1	SSE 2	3	6	.1
29	61.61	59.55	23.5	30.3	89	57	SW 2	NE 2	10	3	------
30	60.32	59.84	21	30.5	91	62	NNW 1	ESE 3	5	4	------
31	61.64	60.84	21	30.6	93	74	N 1	ESE 3	5	4	------
Mean	60.77	59.81	23.8	29.6	92.2	72.3	1.7	2.7	7	6.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	244.6

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	64.28	63	23	27	93	78	N 2	N 3	10	10	37.2	62.47	59.92	18	31.2	96	50	N 1	NNW 2	3	7	-----
2	63.42	63.12	23.5	24.5	97	92	N 1	NNW 1	10	10	12.8	61.41	59.90	17.4	29	100	63	Calm	N 3	10	7	-----
3	64.55	64.05	23	25	97	85	N 1	N 1	10	10	12	61.98	60.78	18	30	96	55	Calm	N 3	5	5	-----
4	64.53	63.61	22	25.4	91	85	N 1	NNW 1	9	9	.5	61.69	59.98	19	30	94	55	SSE 1	S 3	6	9	-----
5	65.02	63.12	19.2	30	98	65	Calm	Calm	3	8	-----	62.18	61.05	20	28.8	92	54	NNW 1	E 2	7	7	-----
6	64.84	63.43	19.6	29.4	99	70	Calm	NNW 1	3	8	-----	62.17	61.14	17.4	30.6	96	55	S 1	N 3	8	7	-----
7	64.78	63.14	18.5	29.5	99	68	Calm	NNW 1	3	2	-----	62.27	60.14	16	27.3	100	65	N 1	W 1	10	8	-----
8	65.13	64.24	22	28	88	66	NNE 1	N 3	9	8	1.5	61.74	61.03	16.2	30	98	49	W 1	N 3	8	6	-----
9	67.87	66.88	20.2	24	94	74	NNE 2	NNE 3	9	9	-----	62.22	61.75	15.6	29.6	98	52	N 1	N 3	5	6	-----
10	66.78	65.48	20.8	27.8	93	65	N 3	NNE 3	10	8	-----	62.63	61.18	18.5	27.4	97	67	Calm	NNW 2	4	9	0.1
11	65.33	63.55	17.4	28	96	70	Calm	N 2	8	8	-----	62.77	62.50	20.5	24.2	99	93	Calm	N 1	10	10	5.6
12	63.37	61.78	21	27.3	95	76	NNW 1	N 2	3	8	-----	63.19	62.84	19.8	26.3	98	76	Calm	N 4	9	10	.1
13	62.78	61.45	23	25.7	93	86	NNW 1	NNW 1	6	10	2.3	63.64	62.80	20.2	29.4	94	52	SSW 1	N 2	10	7	-----
14	62.92	61.64	20.2	27	100	78	Calm	N 2	10	10	.3	64.29	62.75	20	26.5	94	63	W 1	N 2	9	10	-----
15	63.68	61.54	23	29	81	67	N 1	W 2	10	8	-----	63.73	62.52	18	29.8	96	51	SSE 1	NNW 8	7	8	-----
16	63.52	62.38	19	29.7	96	58	Calm	NNE 3	7	5	-----	63.73	62.47	15.8	29	98	55	E 1	N 3	3	6	-----
17	64.16	62.53	17.6	28.4	96	65	SE 1	N 3	3	8	-----	63.41	62.07	17.4	29.6	96	47	E 1	S 1	5	5	-----
18	63.76	61.70	17.5	29.5	97	65	Calm	N 2	7	7	-----	63.02	62.45	14.4	29.9	95	58	Calm	N 3	3	4	-----
19	62.60	60.30	20.5	30	97	56	Calm	N 2	10	5	-----	63.57	61.89	15	29.6	100	50	N 1	NNW 2	10	4	-----
20	61.92	60.04	19.2	30.2	98	64	N 1	N 3	10	9	-----	63.14	61.67	15.2	31	98	52	Calm	N 3	3	7	-----
21	61.58	61.14	23	25.4	91	77	N 1	NNE 3	9	10	-----	62.53	60.88	15.5	29.2	97	52	Calm	NW 3	3	3	-----
22	62.07	61.04	21.8	29.9	95	60	Calm	N 3	8	5	-----	61.77	59.63	15.5	30.5	95	51	NW 1	N 3	6	7	-----
23	62.02	61.10	19.5	29	95	58	Calm	N 2	8	8	-----	62.02	60.69	17.2	32	96	46	Calm	SW 2	3	3	-----
24	62.35	61.24	20	29.6	91	57	N 1	N 2	4	8	-----	61.37	60.66	16.4	31.4	100	46	E 2	NNE 3	10	3	-----
25	61.99	60.80	18.2	28.5	96	54	Calm	N 1	3	7	-----	61.98	60.56	17.5	31.4	95	55	Calm	N 2	3	4	-----
26	62.09	61.75	18.5	26.1	95	73	NNW 1	N 2	4	10	-----	62.36	61.38	18.6	30.2	100	58	NNE 1	N 2	10	7	-----
27	62.97	61.62	23.2	29.2	90	63	Calm	N 3	10	4	-----	63.13	62.09	18.4	31	96	51	S 1	W 3	8	8	-----
28	62.54	60.72	17.5	29.6	95	61	Calm	NNW 3	3	7	-----	63.72	62.63	17.5	28.4	97	69	S 1	N 3	10	10	-----
29	62.02	60.32	18.2	28.6	96	65	Calm	N 2	7	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	61.88	60.45	16	28.6	100	66	Calm	NNW 2	6	9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	62.10	60.22	21.1	30.2	99	47	Calm	SSE 3	4	6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	63.51	62.17	20.2	28.1	94.9	68.2	0.6	2.1	7	7.8	-----	62.65	61.41	17.5	29.4	96.8	56.8	0.7	2.5	6.7	6.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	66.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.8
	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	63.51	62.13	22.2	29.5	96	65	S 1	N 4	10	5	-----	59.82	59.28	19.6	27.5	97	84	Calm	Calm	5	9	2.2
2	63.73	62.28	19.9	30	97	55	Calm	N 4	8	4	-----	60.90	59.81	21.2	32	98	51	Calm	NNW 2	10	4	-----
3	63.66	62.25	18.4	26.8	96	71	Calm	N 3	6	10	-----	60.64	59.64	21	30.5	98	68	Calm	N 3	5	8	-----
4	61.46	59.93	23.8	27	93	83	NNW 1	N 1	10	10	1.8	60.59	59.01	24.2	29.3	95	77	Calm	NNW 3	8	8	11.6
5	59.84	58.77	23.4	24.3	97	97	Calm	Calm	10	10	46	60.91	60.51	23.1	24.6	99	95	Calm	NNW 2	9	10	33.2
6	59.56	58.16	23.3	31.6	96	63	Calm	WSW 1	10	9	-----	60.15	58.32	22	81.9	98	67	Calm	NNE 2	5	8	-----
7	59.67	58.30	22.5	26.2	97	90	Calm	Calm	9	10	6.6	60.55	58.46	22.2	33.4	98	57	Calm	WSW 1	9	8	-----
8	60.28	58.12	21.5	32.5	98	58	Calm	N 1	7	7	-----	60.84	59.66	23	33.6	99	62	Calm	NNW 1	8	8	-----
9	60.07	58.56	19.5	30	98	65	Calm	N 1	5	8	-----	61.85	61.53	23	28.3	97	80	Calm	N 1	5	8	109.4
10	60.77	59.43	20	30.4	92	55	Calm	N 3	5	5	-----	62.65	61.47	23.4	28.2	97	77	Calm	NNE 3	10	9	14.7
11	60.38	59.18	16.5	31	99	49	Calm	NW 1	4	6	-----	61.49	59.32	23.5	30.8	92	62	Calm	N 1	9	8	-----
12	60.55	59.68	19	32.4	94	56	Calm	NNW 1	3	8	-----	60.70	58.92	21	32.2	96	49	Calm	N 1	5	7	-----
13	61.08	60.33	19.6	32.8	99	51	Calm	N 1	4	7	-----	60.51	59.01	21.2	32.2	98	57	Calm	NNW 1	3	7	-----
14	61.65	60.67	21.1	30.7	99	61	Calm	N 2	8	8	-----	60.78	59.63	21.4	31.2	96	58	Calm	SW 1	3	5	-----
15	62.77	61.12	18.5	31	96	55	Calm	N 3	3	5	-----	60.62	60.68	21.5	32.5	99	61	Calm	N 8	7	6	-----
16	61.61	61.44	23.8	27	88	72	NE 1	NNE 2	10	10	5.1	61.71	59.59	21.4	32.5	96	58	Calm	N 2	3	5	-----
17	62.69	62.47	18.2	30.2	98	70	Calm	N 2	9	8	-----	60.70	58.47	20.9	32.4	95	55	S 1	NW 2	7	6	-----
18	64.44	63.03	20.4	30	96	59	Calm	N 2	7	8	-----	60.22	58.65	21.6	32.6	98	59	SW 1	N 3	7	6	.4
19	64.13	62.07	19	29.2	96	66	Calm	NNW 2	6	8	-----	60.72	59.03	22	32	96	65	Calm	NNE 3	3	8	.6
20	61.82	59.62	20	31.8	96	52	Calm	NNW 2	5	8	-----	61.85	61.19	23.2	27.5	98	82	Calm	NNW 2	3	8	13.3
21	60.63	58.96	19	31.2	97	63	Calm	N 3	7	7	-----	62.95	60.74	22.2	30	98	64	Calm	N 3	9	9	-----
22	60.71	59.24	21	31.8	99	59	Calm	NE 1	10	8	-----	60.92	59.62	23.4	28	97	86	Calm	NNW 1	9	10	43.4
23	61.16	59.59	19.6	31.6	99	54	Calm	NNW 2	10	8	-----	61	59.17	22.5	32.6	99	64	Calm	NNW 1	4	8	-----
24	60.93	59.65	21	32.9	96	55	Calm	N 3	8	8	-----	60.62	59.58	22.2	31.5	98	69	Calm	NNW 1	6	8	-----
25	61.30	60.35	19	27.3	96	76	Calm	N 1	3	9	1	60.56	59.30	23.2	32	97	69	Calm	N 4	2	8	-----
26	60.80	60.09	19.2	31.4	98	46	Calm	NNE 3	7	6	-----	61.39	59.62	22.1	33.1	98	60	Calm	NNW 2	4	6	-----
27	61.31	60.04	22.4	30.7	79	48	N 1	NNE 3	7	8	-----	60.93	59.37	21.2	32	96	64	Calm	N 2	2	8	-----
28	61.51	60.19	23.5	30.2	90	64	NE 2	NNE 3	10	8	-----	60.31	58.30	22.6	33.2	97	56	Calm	WNW 1	9	7	-----
29	62.17	60.13	19.2	30	98	64	Calm	N 2	3	8	-----	59.29	58.25	20.5	33.4	99	51	Calm	WSW 2	7	8	-----
30	61.45	60.89	18.5	31	97	57	Calm	NNW 1	9	8	-----	60.15	58.67	20	33	95	60	Calm	N 2	6	8	-----
31	60.12	58.31	18	31.9	97	55	Calm	N 2	3	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	61.48	60.16	20.4	30.1	95.7	62.4	0.2	1.9	7	7.7	-----	60.88	59.49	22	31.1	97.1	65.6	0.1	1.9	6.1	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	228.8

NUEVA CACERES.

[φ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61	58.98	21.7	33.5	97	52	Calm	NW 1	8	9	------	54.08	54.94	26.6	28.7	86	75	S 2	S 5	10	10	50.3
2	61.23	59.72	21.8	33	95	59	Calm	N 1	3	8	------	57.47	56.15	25	28.2	97	80	SSE 1	S 2	10	10	22.7
3	61.28	59.86	21	26	96	94	S 1	WNW 1	5	8	13.6	58.09	57.43	24	29	93	78	SSE 1	S 1	10	10	2
4	60.51	58.39	22	31.5	97	65	Calm	N 2	3	8	------	58.68	57.07	23.8	31	97	69	SSE 1	SSW 1	10	9	7.1
5	58.92	56.63	22	32.2	96	63	Calm	N 2	3	9	------	59.11	58.42	24	32.2	97	68	SSE 1	S 1	8	9	------
6	59.27	57.23	21.1	31.5	98	66	Calm	N 1	5	8	1.6	60.75	58.56	25	33	97	64	S 1	SSW 1	8	8	------
7	59.57	58.57	22	31.5	98	70	Calm	NNE 1	6	9	12.4	60.33	58.35	24	33.3	97	59	Calm	SW 1	7	8	------
8	59.47	58.69	24	27.5	98	88	ENE 1	Calm	8	8	.1	59.62	58.36	23.9	32.7	96	64	Calm	N 1	8	9	4.7
9	58.53	57.04	22.8	28.8	98	83	Calm	WSW 1	8	9	------	59.35	57.99	23.3	33.6	98	64	Calm	N 1	3	8	------
10	56.59	56.43	24.2	28.2	98	79	Calm	NE 1	5	8	26.1	59.66	58.89	22.7	29.5	96	81	Calm	SW 1	5	9	2
11	57.70	56.79	24.8	33.3	97	65	Calm	Calm	9	8	------	60.01	57.94	23.5	33.7	99	66	Calm	N 1	3	8	------
12	59.08	58.07	22.2	32.6	98	64	Calm	NNE 2	8	9	------	59.65	57.73	23	27.2	97	92	Calm	Calm	3	9	20.8
13	59.66	58.62	22.4	32.8	98	56	Calm	NE 2	3	7	------	59.01	57.57	22.8	30.6	97	70	Calm	SW 1	3	8	3
14	59.91	58.83	22	29.2	98	76	Calm	N 2	4	8	------	59.71	58.02	22.7	33	97	64	Calm	N 1	7	8	------
15	60.15	58.58	24	33.6	97	57	Calm	N 2	9	8	------	59.46	57.68	22.5	31.2	97	75	Calm	NNW 2	6	8	20.1
16	59.81	58.25	22.8	31.5	95	60	Calm	WNW 1	3	8	------	58.61	56.35	24.5	28	95	86	Calm	Calm	9	9	27.9
17	60.40	58.03	23.2	33.9	97	59	Calm	NNE 1	5	8	------	58.17	56.54	23	30	98	77	Calm	N 1	8	9	1.3
18	60.30	58.39	23.2	30	93	67	Calm	NE 1	3	8	83.1	56.73	54.03	25.2	23.8	97	95	N 1	NNE 3	10	10	165.4
19	60.19	57.76	22.8	32.8	98	60	Calm	N 1	6	8	------	51.39	54.65	23.5	26.2	99	87	S 6	S 3	10	10	61.9
20	59.34	57.71	23.4	32	97	76	SSE 1	NNE 2	5	8	------	57.96	57.23	24.5	28	96	89	S 1	S 1	10	10	4.6
21	59.76	58.82	23.5	29.5	96	68	Calm	N 1	3	9	------	59.04	58.44	24.2	32	95	63	S 1	S 1	10	9	------
22	61.54	59.58	23.2	30.8	97	72	Calm	NNE 1	8	8	------	59.68	58.05	25	28.2	97	80	Calm	WSW 1	10	10	17
23	60.82	58.93	21.8	31.6	95	68	S 1	N 1	3	8	------	59.45	58.42	23.5	30.2	97	80	Calm	N 1	9	9	2.9
24	59.69	57.90	21.3	32.2	99	68	Calm	N 2	7	9	------	58.69	57.33	24	31.6	97	72	Calm	N 1	8	8	7
25	58.07	58.02	23.4	30.5	97	63	Calm	NNW 2	8	9	4.9	58.01	56.65	23.9	27.8	97	80	Calm	NNW 1	8	10	2.8
26	58.90	57	25	32.5	93	69	NW 1	N 2	9	9	9	58.03	56.88	23.5	30.8	97	72	Calm	NNW 1	10	9	------
27	57.23	55.46	26	32.2	94	73	N 1	N 3	9	9	3.4	56.81	55.26	24.4	30.2	97	74	Calm	WSW 1	10	10	------
28	55.83	54.10	24.9	32.2	96	73	Calm	N 2	8	8	6.5	54.75	53.96	25.5	31.6	96	70	Calm	SW 2	10	10	.5
29	55.71	54.03	23.2	33.3	97	59	Calm	NNW 2	9	8	------	55.36	54.22	26.8	31.6	87	70	SSW 2	SSW 2	8	9	------
30	56.07	54.54	24	34	95	56	Calm	N 2	8	9	------	56.11	55.02	26	31.3	90	68	SSW 2	SSW 3	8	9	------
31	54.93	53.60	25.2	29.2	97	79	Calm	SW 3	10	10	2.8	----	----	----	----	----	----	--------	--------	----	----	------
Mean	59.08	57.57	23.1	31.4	96.6	68	0.2	1.5	6.2	8.4	------	58.13	56.94	24.1	30.3	95.9	74.4	0.7	1.4	8	9.1	------
Total	----	----	----	----	----	----	--------	--------	----	----	163.5	----	----	----	----	----	----	--------	--------	----	----	424

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.27	56.19	25.2	28	93	86	SSW 1	SSW 1	9	8	7.3	59.59	58.15	23	30.7	99	67	Calm	ENE 1	9	9	------
2	57.31	56.29	25	32.5	93	63	Calm	SW 2	8	9	------	59.63	57.46	21.3	32.8	98	58	Calm	NNE 2	4	7	2.3
3	57.66	55.46	24	31.7	98	68	Calm	N 2	8	9	------	58.51	56.92	24	31.6	97	66	Calm	N 2	9	8	4.1
4	56.18	54.70	24.6	33.8	95	58	Calm	W 2	9	8	------	57.78	57.13	22.2	27.7	98	78	Calm	Calm	8	9	.4
5	55.13	54.66	25.5	26.8	91	90	Calm	SSW 1	9	10	16.4	57.92	56.81	22	32	96	60	S 1	NNW 1	10	8	------
6	54.46	53.53	26	29.6	85	70	SSW 1	SW 4	9	9	1.5	58.08	57.29	22.7	30	97	67	SSE 1	NE 1	8	9	------
7	54.40	53.70	27	29.5	84	76	SSW 3	S 4	9	8	10.9	58.38	57.02	23	31.2	97	68	SSE 1	N 1	10	9	2.6
8	55.81	55.81	25	31.2	92	67	SSE 2	SW 3	9	8	------	57.82	57.33	23.6	25.6	98	87	Calm	NNE 2	9	10	12.8
9	56.96	55.90	25.2	31.9	95	64	Calm	SW 3	8	9	------	58.02	57.02	23.7	30	97	71	Calm	SW 2	10	10	4.3
10	56.67	56.38	26.4	30.8	90	71	SSW 1	SW 1	8	9	------	56.60	55.95	24.4	25.5	97	93	SE 1	SW 1	10	10	13.1
11	56.40	56.98	26.8	30.9	89	71	S 1	WSW 4	10	10	------	54.46	53.28	25.5	30.5	93	72	WSW 1	SSW 3	10	10	4.3
12	56.36	56.16	27.5	32	81	66	SW 2	SW 4	10	9	------	53.92	53.12	26.2	30.2	84	73	SW 2	SW 4	10	9	2
13	57.31	57	27.3	33.4	84	61	SSW 1	WSW 2	9	8	------	54.20	54.24	26.2	31	88	68	SSW 3	SW 3	10	9	12.6
14	58.42	57.41	25.5	33.7	94	60	Calm	SSW 2	8	7	------	56.42	56.27	24	30.8	97	67	S 1	SSW 2	10	9	2.8
15	58.63	57.77	25	25	95	83	Calm	SSW 4	6	10	24.5	57.96	56.66	24.5	31.7	96	60	S 1	SSW 2	8	8	------
16	57.98	55.82	23.2	31.8	96	67	Calm	N 2	8	8	1.1	57.81	55.93	23.9	32	97	64	Calm	N 1	9	8	------
17	57.88	56.02	23.2	31	98	65	SE 1	W 2	9	8	.1	58.02	56.75	23.6	32.2	98	63	Calm	N 3	4	7	2
18	57.02	56.21	24	31.3	97	61	S 1	S 1	8	7	------	58.27	56.60	23.2	33	98	56	Calm	N 1	8	8	------
19	57.56	55.90	25	32.3	87	56	S 1	SSW 2	5	8	------	57.31	56.14	23.4	32.2	97	63	Calm	SSW 2	5	9	18
20	57.45	56.36	24	32	97	61	Calm	N 1	9	8	11.9	56.70	55.46	24.5	31.8	96	64	Calm	SW 3	8	8	------
21	57.73	56.64	23.3	27	98	86	Calm	N 1	10	10	3.3	56.06	54.50	26.8	31.2	81	68	SSW 1	SW 3	9	8	------
22	56.88	54.90	23.1	31.6	97	62	Calm	SW 2	5	8	------	56.48	56.34	27.5	26.4	81	89	SW 3	SW 1	9	9	16.8
23	55.29	53.65	23.7	31.9	97	64	Calm	SSW 2	7	9	5.8	58.07	57.84	26.2	29.5	90	72	SSW 1	SSW 3	9	8	1.7
24	55.23	54.94	25.2	29.8	97	73	SSE 1	SSW 2	10	10	.4	58.72	57.41	26.2	31.3	89	64	SSW 1	SSW 2	8	9	------
25	55.73	55.75	25.8	29.4	88	71	S 1	SSW 3	10	10	3.8	57.52	56.93	26.8	30	83	74	SSW 2	SSW 2	10	10	------
26	56.17	56.01	26.3	30.7	85	66	SSW 1	SSW 2	9	10	------	56.35	54.97	27.2	30.6	79	63	SW 2	SW 4	10	9	------
27	57.46	57.23	26.2	31	89	68	S 1	SSW 1	10	9	------	54.91	54.06	27.5	31.8	78	64	SW 3	SW 4	9	9	------
28	58.88	58.38	24.7	31.6	94	68	S 1	SSW 1	9	9	------	56.57	55.95	27	31.6	78	67	SSW 2	SSW 5	8	8	------
29	59.45	58.33	23.7	31.8	96	67	SE 1	SW 1	6	9	------	57.95	56.95	27	32	81	61	SW 2	SW 3	8	8	------
30	59.80	57.54	23.2	33.6	97	58	Calm	W 1	10	8	------	57.67	56.86	26	32.5	90	61	SW 1	SW 3	7	9	------
31	59.82	57.80	23	31.6	97	66	Calm	SW 1	5	9	------	56.02	55.67	27	30.2	84	68	SW 1	SW 3	10	10	.3
Mean	57.04	56.11	25	30.9	92.5	68.2	0.7	2.1	8.4	8.7	------	57.22	56.23	24.8	30.6	91.4	68.3	1	2.3	8.6	8.7	------
Total	----	----	----	----	----	----	--------	--------	----	----	87	----	----	----	----	----	----	--------	--------	----	----	100.1

NUEVA CACERES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.77	55.03	26.5	31	88	65	SSW 1	SW 4	8	9	5.8
2	55.73	54.55	25.2	28.1	95	85	SSW 1	SSW 2	9	10	2.1
3	54.60	53.74	26	27	90	89	Calm	SW 2	10	10	2.6
4	54.86	53.85	24.5	30	92	71	Calm	SW 2	10	10	4.3
5	54.62	53.80	25	29.3	89	80	SSW 1	SW 1	10	10	.5
6	53.68	53.19	27.8	28.5	79	81	SSW 3	SW 3	10	10	5.9
7	54.47	54.10	26.5	30	88	75	SW 1	SW 1	10	10	4
8	55.70	54.90	24.5	29	96	76	Calm	SSW 2	10	10	1.6
9	55.40	54.94	25.5	29.5	89	75	SSW 1	SW 2	8	9	5.1
10	56.51	56.35	24.8	29.4	93	71	Calm	SSW 2	8	8	1
11	57.57	56.47	26.5	31.8	90	65	SW 1	SW 1	9	8	------
12	57.41	56.48	26	29.2	87	74	SW 1	SW 2	8	9	9.7
13	57.52	56.48	24	30	95	69	SW 1	SW 2	9	10	10.4
14	58.37	57.72	24	28.4	97	77	SW 1	SW 1	10	10	3.3
15	59.35	58	24.5	31.5	96	64	Calm	SW 2	8	8	------
16	58.67	57.17	23.5	82.1	97	60	Calm	SW 2	8	8	------
17	58.17	56.66	23.4	31.9	97	59	SSE 1	SW 1	8	8	------
18	58.54	58.01	23	33	97	54	Calm	SW 2	9	8	------
19	59.94	58.38	23.5	31	99	64	SSE 1	SSE 1	8	9	.1
20	59.81	58.68	22.5	29	97	68	SE 1	NNW 1	7	8	------
21	59.15	58.42	23.2	29.6	97	72	Calm	NNE 2	9	9	35
22	59.07	56.73	24	28.8	97	78	Calm	N 2	8	9	13
23	57.32	56.08	23.5	30	97	71	Calm	N 3	10	8	1
24	56.79	56.32	23.5	31.6	96	62	S 1	SW 1	9	8	------
25	57.86	56.48	23.3	29.2	97	75	Calm	NW 1	7	8	------
26	58.13	56.50	23.3	28	97	76	Calm	NNW 1	9	8	4.6
27	58.09	56.36	24	31.2	97	68	Calm	WSW 2	9	9	1.3
28	58.10	56.91	24.8	30	96	67	SE 1	SSW 2	9	9	.8
29	58.12	57.19	25	30.6	93	65	Calm	SW 2	9	10	58
30	58.86	58.12	24.2	31.4	98	66	Calm	SSW 2	8	9	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.27	56.25	24.5	30	93.9	70.7	0.6	1.8	8.8	9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	170.1

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.24	58.18	23.2	30.5	95	66	Calm	SW 1	6	10	------
2	59.80	58.28	23	31.8	98	67	Calm	WSW 1	9	9	------
3	60.36	59.11	23.2	29.9	98	72	Calm	WNW 1	10	9	0.2
4	60.31	58.96	23	29.5	97	79	Calm	SW 2	5	10	15.2
5	61.13	59.69	21	30.8	99	67	Calm	SW 1	6	9	12.7
6	60.76	59.80	22.8	28.3	98	80	Calm	NE 1	8	9	------
7	60.41	58.98	21.8	31	98	62	Calm	N 2	4	8	------
8	61.12	60.01	22.5	31.2	96	68	ESE 1	N 2	5	8	------
9	61.48	59.59	21.5	31.5	99	62	Calm	N 3	4	8	------
10	60.87	59.14	21.3	81	97	61	Calm	N 3	9	9	------
11	59.83	58.78	21.1	28.2	97	76	Calm	NE 4	7	8	.5
12	59.76	58.54	22.5	30	96	65	Calm	NE 2	8	9	------
13	60.55	59.51	22.4	30.8	92	58	N 1	N 2	3	8	------
14	61.70	59.99	21	80.8	96	60	Calm	N 2	3	8	------
15	61.31	59.66	21.2	30	98	65	Calm	NNE 2	7	9	------
16	61.17	59.46	21.1	29.9	96	65	Calm	N 1	5	9	------
17	61.78	60.67	22.2	30	96	67	Calm	NNE 1	7	8	6.9
18	61.83	60.36	21.3	32	97	60	Calm	N 3	6	8	------
19	60.64	59.46	24.2	30.2	94	77	Calm	N 2	10	10	2
20	61.35	60.02	21.9	31.4	99	62	E 1	N 2	7	8	------
21	62.28	61.01	22.4	30.8	96	67	Calm	NNE 3	6	8	.9
22	61.80	61.04	21.8	29.5	96	69	Calm	N 2	5	9	2.3
23	61.91	60.91	23.4	30	94	69	NE 1	NNE 2	8	9	------
24	62.67	60.74	23.4	31.5	89	58	Calm	NNE 3	9	8	------
25	62.22	60.82	22.6	30	88	70	Calm	NNE 3	3	8	------
26	62.13	60.32	20	30.2	97	68	Calm	NNW 2	8	9	------
27	61.54	59.76	19	31.4	96	55	Calm	SE 3	8	9	------
28	62.18	60.28	22	30	96	66	Calm	ESE 4	9	8	.8
29	62.37	60.61	20.2	30.5	98	60	Calm	NE 2	8	8	------
30	62.06	60.03	18.5	28	97	70	Calm	NNW 1	9	10	------
31	61.97	60.46	20.5	31.5	95	63	Calm	NNW 3	9	8	------
Mean	61.28	59.81	21.8	30.4	96.1	66.3	0.1	2.1	6.8	8.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	41.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	62.36	61.07	23.5	27.2	94	83	Calm	ENE 1	9	9	1.8
2	62.47	60.41	20.4	31.2	96	61	Calm	N 2	3	7	------
3	60.99	59.28	19.8	31.5	97	59	Calm	N 2	3	8	------
4	61.71	59.32	20.7	28	98	80	Calm	Calm	7	9	------
5	61.07	59.32	22.4	29	96	76	Calm	NNW 1	8	9	6.4
6	60.31	58.79	21.3	31.9	97	64	Calm	NNW 1	4	8	------
7	59.97	58.51	22	30.5	96	70	Calm	N 2	3	8	------
8	59.54	57.88	24.5	31.9	94	53	NNE 1	SE 3	4	8	------
9	60.03	58.72	20	30	95	71	Calm	NNE 1	3	9	------
10	60.23	58.63	22.2	28.4	96	79	Calm	NNE 1	5	9	------
11	60.07	58	20.6	29.5	94	64	Calm	NNE 2	9	8	------
12	59.97	58.61	19.7	26	98	85	Calm	N 1	4	9	------
13	59.97	58.62	20.7	26	98	87	Calm	WNW 1	4	8	8.9
14	60.40	58.24	21.8	30.3	97	67	Calm	N 1	4	8	------
15	59.87	58.48	20.6	28.5	99	78	NE 1	N 1	3	9	------
16	59.97	57.65	20	29.8	98	73	SE 1	N 1	5	8	------
17	59.57	57.83	21.4	31.7	96	59	Calm	NW 2	5	8	------
18	59.82	58.37	20.1	30.8	99	64	Calm	N 2	4	8	------
19	60.75	59.04	20.4	30	96	69	Calm	N 2	9	9	------
20	60.95	59.34	21.3	29.8	99	71	Calm	NNE 1	5	8	3.3
21	61.20	59.46	21.7	29.6	99	74	Calm	NNE 2	6	8	------
22	60.84	59.28	24.3	30.5	84	68	ENE 1	N 3	9	9	------
23	60.86	59.32	21.4	31.9	97	69	E 1	NW 1	8	9	------
24	61.06	58.98	20.7	30.5	99	70	Calm	NNW 1	8	9	------
25	59.82	58.94	21.2	29	96	74	Calm	NNE 2	8	9	------
26	60.80	58.88	24.4	29.2	88	79	NNE 1	NNE 3	9	9	.5
27	61.12	59.39	22	28.1	97	91	Calm	NNW 2	8	9	1.4
28	61.02	58.76	23.6	31.4	95	57	NNE 1	NE 3	8	8	1.7
29	59.77	59.33	23.3	28.4	97	77	Calm	NNW 1	10	10	------
30	60.45	59.52	21	27.7	97	88	Calm	NW 1	5	8	17.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.57	58.93	21.6	29.6	96.1	72	0.2	1.6	6	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	41.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.85	59.09	21.4	28.2	98	82	Calm	N 1	5	9	------
2	61.33	59.45	21.5	28	99	82	Calm	N 2	6	8	------
3	61.05	58.98	21	29.4	99	76	Calm	NNE 1	2	8	------
4	60.05	59.19	22.9	28.7	97	83	Calm	Calm	9	9	0.9
5	59.48	58.10	22.4	29.4	99	79	Calm	N 1	8	9	5.3
6	60.76	58.74	23	30.1	99	71	ENE 1	NNW 1	9	8	------
7	60.57	58.93	24	30	89	69	E 1	NNE 1	7	9	------
8	60.08	58.13	22.5	28.8	96	75	Calm	N 1	8	9	------
9	60.11	59.14	20.2	27.4	98	84	Calm	N 1	6	9	.3
10	60.31	58.73	22.3	29.7	93	73	Calm	N 1	7	8	------
11	60.52	59.28	22.6	25	95	95	Calm	E 1	8	10	21.6
12	59.77	58.23	22.7	31.5	97	62	Calm	NNW 1	9	9	2.7
13	60.60	59.23	23.8	28.8	98	72	Calm	E 1	10	9	9.4
14	61.26	59.38	18.6	30	98	64	N 1	N 1	8	7	------
15	60.97	59.54	20.5	80	95	71	Calm	NNE 2	3	8	18.8
16	62.72	60.80	23.4	29	97	71	Calm	NW 1	10	10	4.2
17	62.75	61.07	20.2	30.2	98	65	Calm	N 1	5	8	------
18	62.27	60.91	19.7	29.7	98	67	Calm	N 3	4	8	------
19	61.16	60.12	23.7	30.5	92	65	E 1	NE 2	7	7	------
20	60.80	59.69	24.4	27	91	84	N 1	NNE 3	5	8	2.9
21	60.35	58.90	23	28.3	98	74	Calm	SW 1	8	9	6.6
22	60.19	58.86	23	29.8	99	73	Calm	SW 1	10	10	1.5
23	60.77	59.91	21.4	30.9	98	67	Calm	N 2	9	7	------
24	61.71	60.09	21	31.2	96	55	ESE 1	ESE 3	7	6	------
25	62.73	61.17	20.7	31.3	95	50	Calm	SE 1	7	6	------
26	63.23	61.81	17.2	26.5	98	80	Calm	ENE 2	3	8	------
27	63.12	61.57	23.4	29	93	75	NNE 1	N 1	9	8	------
28	62.98	61.27	22.5	28.2	97	72	N 1	NE 1	9	8	------
29	62.02	60.08	23.3	29.9	89	67	NNE 1	NE 2	8	8	------
30	60.84	59.38	16.1	30.5	98	65	Calm	N 2	7	8	------
31	61.87	60.41	18.8	30.3	97	64	E 1	NNE 2	7	7	------
Mean	61.20	59.68	21.7	29.3	96.3	72	0.3	1.4	7.1	8.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	74.2

BATANGAS.

[φ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	64.57	62.91	21.3	27.3	92	68	Calm	SE 2	6	9	------
2	64.45	62.65	20.5	27.3	95	68	Calm	NE 2	4	9	3
3	64.37	64.55	22.3	23.4	92	95	Calm	ESE 2	7	10	5.1
4	64.05	63.24	21.8	27.1	91	65	NE 1	NE 3	9	7	------
5	64.56	62.43	22.2	30.4	93	48	ENE 1	SE 2	6	3	------
6	64.17	62.83	20.8	30.4	94	54	NE 1	S 2	1	2	------
7	64.35	62.54	19.5	30	95	60	E 1	S 2	3	7	------
8	65.18	64.27	21.2	26.4	93	72	NE 1	NE 2	3	7	1.5
9	66.95	65.62	20.7	27.1	79	53	ENE 3	ESE 4	6	7	------
10	65.77	64.56	20.8	28.8	75	49	E 3	SE 3	3	4	------
11	64.74	62.69	15.9	27.6	93	48	Calm	ESE 2	1	4	------
12	63.07	61.33	17.4	29.3	96	52	Calm	ESE 2	1	3	------
13	62.40	61.01	23.3	30.7	84	60	E 1	NE 2	1	6	------
14	62.27	61.45	22.3	28.7	92	61	NE 1	NE 2	7	6	------
15	63.48	61.55	21.3	28	88	66	Calm	NE 2	7	7	.3
16	63.62	61.91	22.4	30	93	53	NE 1	ESE 2	10	5	------
17	64.16	61.70	21.3	30.3	92	45	ENE 1	ESE 2	3	5	------
18	63.37	61.03	19.8	31.5	92	45	Calm	ESE 2	1	3	------
19	62.53	59.58	19.8	30.6	87	52	Calm	ESE 2	4	5	------
20	61.89	59.65	17.8	30.5	92	48	Calm	ESE 2	3	4	------
21	61.09	59.76	21.2	30	85	55	NE 1	ESE 2	1	6	------
22	61.87	60.54	21	28.2	95	65	NE 1	NE 3	4	9	1.5
23	62.08	60.69	22.8	29.1	93	62	NE 1	NE 2	9	7	2.3
24	62.78	60.35	20.8	30.1	94	47	Calm	ENE 2	6	7	------
25	61.65	59.90	20.3	30.2	93	50	ENE 1	SE 2	4	4	------
26	61.65	60.98	21.3	29.1	88	51	ESE 1	ENE 2	3	6	------
27	62.67	60.90	21.8	31.2	86	49	Calm	SE 3	7	3	------
28	62.66	61.03	19.8	30.9	90	49	Calm	ESE 3	3	4	------
29	61.70	59.58	19.7	30.3	93	57	ENE 1	SE 2	3	6	------
30	61.46	59.93	21.4	31.7	93	36	ENE 1	ESE 2	3	5	------
31	61.65	59.98	21.8	32.4	93	40	NE 1	ESE 3	3	3	------
Mean	63.26	61.65	20.8	29.3	90.7	55.6	0.7	2.3	4.3	5.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	13.7

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.32	59.43	21.4	31.2	91	46	NE 1	SE 2	2	3	------
2	60.98	59.48	20.8	31.7	91	39	ENE 1	E 3	3	7	------
3	61.77	60.15	21.8	30.6	87	52	ENE 1	ESE 3	6	6	------
4	61.60	59.45	23.3	30	87	56	NE 2	S 3	7	7	0.5
5	61.70	60.44	21.6	31	89	46	NE 1	SSE 3	3	6	------
6	61.71	60.53	20.3	31.3	93	42	NE 2	SE 3	3	6	------
7	61.67	59.44	19.8	31.1	92	44	ENE 1	ENE 2	2	6	------
8	61.86	60.38	20.1	31.7	93	34	Calm	SE 2	3	6	------
9	62.58	61.14	18.8	30.5	92	47	Calm	ESE 2	3	5	------
10	62.85	61.15	22.9	26.8	87	74	E 2	E 2	9	9	18.6
11	62.71	61.77	21.7	26.7	96	76	Calm	ESE 1	9	9	.5
12	63.15	62.64	22.3	26.2	88	70	Calm	E 2	9	9	------
13	63.67	62.85	20.8	25.3	93	77	ENE 1	ENE 2	5	7	2
14	63.62	62.10	20.3	29.5	93	55	ENE 1	ESE 2	5	7	------
15	63.33	61.55	20.2	31.3	92	41	Calm	ESE 2	3	3	------
16	63.35	61.16	21.4	30.7	84	41	NE 1	ESE 3	2	4	------
17	62.77	61.48	20.8	30	93	44	NE 1	SE 3	3	4	------
18	62.57	61.30	19.7	31.8	93	35	NE 1	ENE 2	1	3	------
19	63.07	61	19.3	32	91	39	NE 1	NE 2	1	3	------
20	62.27	60.80	19.7	30	93	40	NE 1	S 3	3	1	------
21	61.72	60.39	19.3	31.3	91	41	NE 1	ESE 2	1	4	------
22	60.94	59.38	18.8	31	88	43	NE 1	SSE 2	1	3	------
23	62.07	60.50	19.8	31.2	92	46	NE 1	S 2	1	4	------
24	61.48	60.10	18.3	32.7	91	39	ENE 1	S 2	3	4	------
25	61.97	59.96	19.6	31.8	92	39	NE 1	S 2	1	2	------
26	62.31	60.73	18.2	31.9	92	44	NE 1	S 2	3	5	------
27	62.90	61.04	22.2	31.3	89	45	NE 1	ESE 2	4	6	------
28	63.30	61.65	20.4	32.8	92	38	NE 1	SE 2	3	7	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.33	60.79	20.5	30.5	90.9	47.6	0.9	2.2	3.5	5.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	21.6

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	63.11	61.39	23.6	30.6	81	55	NE 1	SSE 2	7	7	------
2	63.51	61.99	24.3	32	84	50	NE 1	ENE 2	9	7	------
3	63.10	61.20	20.8	32.1	89	42	Calm	E 2	7	6	------
4	61.95	58.90	24.3	31	84	57	NE 1	SSE 2	9	6	------
5	59.33	57.50	23.8	31	85	59	NE 1	NE 3	3	7	------
6	58.80	56.75	25.1	33.3	91	50	NE 1	SSE 3	9	7	------
7	59.75	57.22	23.7	33.8	94	45	ENE 1	SSE 3	6	6	------
8	59.54	57.61	23.4	33.1	91	51	NE 1	S 3	6	5	------
9	59.02	57.87	23.5	32	90	50	ENE 1	SSE 3	2	4	------
10	60.02	58.37	22.3	33.7	88	39	Calm	SE 2	1	3	------
11	59.79	58.47	21.7	32.8	88	40	Calm	SE 2	1	3	------
12	60.23	58.46	20	32.6	91	42	NE 1	SE 2	3	4	------
13	60.44	59.38	21.1	34.3	90	44	NE 1	SSW 2	1	4	------
14	61.16	60.05	19.8	30	79	61	NE 1	S 2	3	4	------
15	62.67	60.38	22.3	30.9	80	50	Calm	E 2	3	7	0.3
16	61.45	60.19	24.3	33.3	84	40	ENE 1	E 3	7	7	------
17	62.60	61.59	23.8	34.3	85	39	ENE 1	ESE 3	7	4	------
18	63.71	62.03	23.3	34.3	85	37	NE 1	ESE 3	6	4	------
19	63.52	61.12	21.8	34.6	87	33	NE 1	SE 3	3	5	------
20	61.65	58.86	21.5	34.2	87	37	NE 1	SSE 3	6	7	------
21	60.11	58.04	20.4	35	87	37	NE 1	SSE 2	4	5	------
22	59.85	58.18	22	34.5	89	38	NE 1	SSW 2	6	6	------
23	60.04	58.58	24.8	35	80	37	ENE 2	SE 2	3	3	------
24	60.24	58.58	22.4	34.2	91	42	NE 1	S 3	3	5	------
25	60.61	59.16	22.8	33.3	88	36	ENE 1	SSE 3	3	4	------
26	60.01	60.24	23.4	30.5	83	60	NE 1	ESE 2	4	6	------
27	61.26	59.18	22	34	88	40	NE 1	E 3	6	4	------
28	61.12	59.68	22	33.3	82	40	Calm	E 2	4	6	------
29	61.72	59.62	23.2	34.7	86	41	Calm	E 3	1	6	------
30	60.72	58.69	21.8	33	84	43	Calm	S 2	5	7	------
31	59.81	57.08	19.3	34	87	39	ENE 1	N 2	1	1	------
Mean	60.99	59.24	22.5	33.1	86.4	44.3	0.8	2.5	4.5	5.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.24	58.01	22.3	32.1	83	47	NE 1	SSE 2	4	7	------
2	59.95	58.71	23.3	35	87	42	NE 1	SE 3	6	6	------
3	59.82	58.93	22.8	33.3	86	53	Calm	S 3	3	7	------
4	60.08	58.20	24.6	34.4	85	49	Calm	S 2	3	7	0.3
5	60.68	59.29	24.5	24.2	89	93	Calm	NE 1	4	9	71.1
6	59.91	57.64	23.3	33.8	96	51	NE 1	WSW 2	4	6	------
7	59.23	58.44	23.8	32.8	93	57	NE 1	WSW 2	5	5	------
8	60.43	59.46	23.9	31.8	92	64	NE 1	N 2	3	10	6.9
9	61.59	60.95	24.3	31.2	92	64	NE 1	NE 2	7	7	2.3
10	62.04	60.25	24.4	30.4	88	63	Calm	ENE 2	9	9	------
11	61	57.63	23.3	34	89	44	Calm	SE 2	5	5	------
12	59.89	57.87	23.8	33.3	85	50	Calm	SW 2	7	4	------
13	59.50	58.16	24.3	32.8	86	56	Calm	WSW 3	4	7	------
14	60.27	58.78	23.9	33.8	89	47	NE 1	SW 2	6	6	------
15	60.75	60.20	25.4	29.5	88	77	Calm	NE 2	9	7	14.3
16	61.36	58.68	22.4	33.3	96	54	ENE 1	S 2	2	7	------
17	59.99	57.35	23.1	33.2	92	52	NE 1	S 2	4	5	------
18	59.49	57.81	23.4	32.7	95	46	Calm	SSE 3	2	7	------
19	59.55	58.35	24.3	33.8	89	46	NE 1	ESE 2	2	5	------
20	61.39	59.61	25.2	33	83	55	NE 1	NE 1	7	7	------
21	62.11	59.95	24.8	35.3	90	41	NE 1	ESE 2	5	7	------
22	60.52	59.75	25.5	27.6	88	80	NE 1	ENE 3	6	10	7.7
23	60.02	58.28	24.7	33.3	94	54	NE 1	SSE 3	5	6	------
24	59.70	58.15	23.9	34.8	96	44	NE 1	SSE 3	4	4	------
25	59.69	58.34	25.2	33.9	87	51	NE 1	S 3	7	5	------
26	60.68	58.57	25	33.8	92	46	NE 1	SSE 3	4	3	------
27	60.62	59.35	24.8	34.8	88	43	NE 1	SE 3	3	6	------
28	59.41	57.17	24.4	34.4	91	49	NE 1	S 2	3	6	------
29	58.87	57.36	24.1	35.5	86	40	NE 1	ENE 3	5	5	------
30	59.36	57.90	23.8	34.8	85	43	NE 1	S 4	4	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.24	58.64	24.1	32.9	89.3	53.4	0.7	2.4	4.7	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	102.6

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, −1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.05	58.37	25.2	36.2	85	33	ESE 1	SE 2	5	5	------
2	60.75	58.61	24.2	35.2	88	32	NE 1	S 2	4	3	------
3	60.71	58.04	24.8	35.3	85	40	NE 1	SSE 2	4	3	------
4	59.80	57	25	34.3	87	42	Calm	SE 3	4	5	------
5	58.32	55.71	24.8	34.3	87	39	NE 1	SSE 2	3	3	------
6	58.51	56.33	25.2	35.3	83	36	NE 1	S 2	6	5	------
7	58.48	57.84	23.7	36.3	85	40	NE 1	ESE 2	4	6	------
8	59.15	56.96	24.7	32.8	81	56	NE 1	S 2	3	7	------
9	58.07	55.53	25.5	34	89	52	ENE 1	N 2	3	7	------
10	56.43	54.99	26.2	34	94	54	ENE 1	SW 2	7	7	0.3
11	57.24	55.83	25.8	32.3	93	62	ENE 1	S 3	5	7	------
12	58.49	57.42	26.1	35.3	83	37	NE 1	NE 2	6	6	------
13	59.05	57.80	26	34	82	50	ENE 1	SE 2	3	7	------
14	59.05	57.71	25.8	35.8	85	38	ESE 1	SSE 2	6	5	------
15	59.56	57.95	26.5	35.7	80	39	NE 1	S 2	5	7	------
16	59.56	57.15	25.6	35.5	85	38	NE 1	SE 2	7	4	------
17	59.47	57.49	24.2	34	86	51	NE 1	SSW 3	3	4	------
18	59.33	57.70	25.8	29.7	85	76	ENE 1	NE 1	5	7	.5
19	59.37	57.63	25.3	30.2	89	77	NE 1	ENE 1	4	7	.8
20	58.79	57.02	25.6	33.4	90	55	NE 1	SW 2	5	7	.8
21	59.55	58.47	26	34.8	92	48	NE 1	WSW 2	7	7	------
22	60.65	58.50	25.4	35.3	92	50	ENE 1	SE 2	4	7	------
23	60.45	58.26	24.2	34.3	90	49	NE 1	WSW 2	3	6	------
24	58.91	57.25	24.3	33.2	89	54	ENE 1	S 2	3	7	19.3
25	58.02	57.21	23.5	32.8	96	56	ENE 1	SW 2	4	7	------
26	58.76	58.05	25	25.4	93	88	Calm	N 1	5	10	16.8
27	57.50	56.45	25.2	26.8	93	86	Calm	SE 1	5	10	59.7
28	56.13	54.38	24.4	31.8	97	69	Calm	W 2	5	6	15.7
29	55.70	54.31	24.8	29.8	97	74	Calm	W 2	6	7	1.8
30	56.20	53.70	24.3	34.1	96	56	Calm	S 2	3	6	.5
31	54.80	53.17	25.8	32	97	67	Calm	WSW 2	5	7	------
Mean	58.61	56.87	25.1	33.4	88.8	53	0.8	2	4.6	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	116.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	52.91	53.19	27.5	30.3	79	74	SW 3	SW 2	7	7	80.5
2	56.10	55.14	24.4	25.3	97	93	Calm	WSW 2	10	10	44.4
3	56.92	57.16	23.9	25.6	96	85	ENE 1	SW 2	10	10	27.4
4	57.09	55.97	23.4	32	97	57	Calm	SW 1	7	7	.5
5	57.84	57.58	24.4	32.8	95	58	ENE 2	W 2	7	7	------
6	59.88	58.27	24.6	32	92	60	ENE 1	WSW 2	5	7	------
7	59.46	57.62	24.2	33.3	93	54	ENE 1	S 2	5	6	------
8	59.07	57.59	25.8	33	93	61	ENE 1	WNW 2	5	6	------
9	58.45	57.43	25.2	34	93	53	ENE 1	S 2	3	5	------
10	58.86	58.29	25	33	95	57	ESE 1	SW 2	3	6	------
11	59.67	57.72	25.1	33.8	91	54	NE 1	SW 2	2	5	------
12	58.87	56.92	25.3	33.8	93	55	ENE 1	W 2	5	6	------
13	58.34	56.60	25.4	34	93	54	ENE 1	S 2	6	6	.8
14	58.90	57.06	24.8	35.1	93	52	ENE 1	SSW 2	4	6	------
15	59.67	56.75	25.8	35.1	88	46	NE 1	SSE 2	4	6	------
16	58.50	56.83	24.1	26.9	91	85	ENE 1	N 2	5	10	27.7
17	57.58	56.20	24.3	30.8	96	74	ENE 1	SW 2	5	7	5.1
18	57.17	56.55	24.6	26.4	95	82	Calm	NE 2	5	10	26.2
19	52.89	53.27	25.4	25	90	95	WNW 3	SW 3	10	10	74.6
20	56.97	56.61	23.8	26.8	97	87	Calm	Calm	10	10	5.3
21	58.11	57.38	24.4	30.3	97	76	Calm	SW 1	6	7	------
22	59.21	57.14	24.8	30.4	97	77	Calm	S 2	7	7	------
23	58.76	57.66	24.3	33.3	96	54	ENE 1	SE 2	5	7	------
24	58	56.65	24.8	29.5	93	77	Calm	ENE 1	7	9	5.1
25	57.37	56.63	25.1	28.3	94	80	NE 1	NW 2	6	9	------
26	57.81	56.38	24	31.8	95	66	ENE 1	SW 2	7	7	------
27	56.80	55.85	24.9	30.2	96	74	Calm	W 2	6	7	------
28	55.20	53.73	26.8	31.5	84	69	W 1	WNW 2	9	7	3
29	54.72	54.80	26.3	27.5	93	87	W 1	W 2	7	9	2.5
30	55.59	55.01	24.8	29.5	88	75	Calm	WNW 3	9	9	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.56	56.47	24.9	30.7	93	69	0.9	1.9	6.2	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	303.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.43	55.29	26	30.8	87	69	Calm	SW 2	7	7	------
2	56.77	56.18	24.7	32.3	94	62	ENE 1	WSW 2	6	6	------
3	57.17	56.14	25	31.3	92	70	E 1	W 3	6	7	1.5
4	56.55	55.65	25	28	95	79	Calm	WSW 1	6	9	16.2
5	55.86	55.07	24.3	27.3	97	78	SW 2	SW 3	10	10	24.7
6	54.16	54.08	26.2	26.8	87	80	SW 2	SW 3	10	9	29.5
7	53.31	53.19	26.8	27.8	81	79	SW 3	SW 4	10	10	6.1
8	54.25	55.13	27.8	30.4	76	65	SW 4	SW 3	10	9	------
9	55.96	55.75	27.8	31.1	76	69	SW 2	SW 2	7	7	------
10	56.91	56.62	26.8	29.8	78	75	WSW 1	SW 2	5	9	------
11	56.49	56.08	28	30.3	77	71	WSW 3	SW 4	10	9	------
12	55.89	56.09	27.8	30.3	83	74	SW 2	SW 3	7	9	------
13	56.51	56.63	27.7	31.7	81	66	SW 1	SW 3	5	7	------
14	57.84	57.27	26.5	31.8	88	67	Calm	WSW 2	5	5	------
15	58.13	57.40	25.5	30.3	88	67	Calm	SW 2	5	6	1.8
16	57.56	56.32	24.3	29.8	96	71	NNW 1	W 2	9	7	------
17	55.83	55.13	23.8	30.4	95	69	ENE 1	SSW 2	5	7	6.1
18	56.05	55.04	24.3	31.9	96	63	Calm	WSW 2	6	6	------
19	56.11	55.20	24.8	31.7	93	65	Calm	SW 1	5	7	------
20	56.70	55.43	23.9	30.9	96	70	Calm	NW 2	5	7	13.2
21	57.13	56.38	23.8	31.3	97	65	Calm	SW 2	5	7	16
22	56.20	55.07	24.4	28.8	97	82	Calm	WSW 2	5	7	------
23	54.83	53.98	23.8	30.3	97	71	ENE 1	W 2	4	7	17
24	54.22	54.07	24.8	27.1	97	82	NE 1	SSW 3	9	10	.5
25	54.63	55	24.4	27.3	93	79	Calm	SW 3	7	9	7.4
26	55.26	55.56	27.2?	28.3	80?	81	SW 3	W 3	7	7	.5
27	56.42	56.37	27.3	30.8	78	69	WSW 2	W 1	7	7	------
28	58.22	57.98	24.2	31.6	93	60	Calm	WSW 2	5	6	------
29	59.09	57.95	23.7	32.5	96	60	Calm	WSW 2	7	4	------
30	59.19	55.55	25.3	30	93	71	Calm	SW 1	4	7	------
31	59.14	57.40	23.8	31.3	97	61	ENE 1	SW 2	3	7	.3
Mean	56.38	55.77	25.5	30.1	89.5	70.6	1	2.3	6.5	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	140.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.29	57.82	23.3	31	96	67	ENE 1	SW 2	5	4	------
2	59.09	57.30	23.3	32.3	94	61	ENE 1	SW 2	3	4	1.5
3	57.91	57.10	24.3	28.3	96	85	Calm	E 1	4	9	6.6
4	57.29	56.45	22.3	31.9	97	64	Calm	SW 2	3	5	4.1
5	57.43	56.67	23.3	31.9	96	63	Calm	SW 2	3	5	4.1
6	57.79	57.78	23.7	28.8	94	78	Calm	NE 1	4	9	8.6
7	57.70	57.10	24.2	25.2	97	93	Calm	SW 1	4	10	23.3
8	57.38	56.40	23.9	28.3	96	84	Calm	SW 1	9	6	27.4
9	57.46	56.79	24.6	27.3	97	87	NE 1	SW 2	9	9	.5
10	56.65	55.36	24.3	30.4	89	72	Calm	SSW 2	7	7	------
11	54.11	54.12	26.1	27.6	83	80	SW 1	WSW 3	7	7	1.3
12	53.72	53.27	26.3	27	82	84	SW 3	WSW 3	7	9	3.1
13	53.47	54.66	26.3	28.3	85	84	SW 1	SW 1	9	9	15.5
14	56	55.27	24.8	29.8	97	73	Calm	WSW 1	10	7	5.3
15	56.78	56.30	25.3	29.3	89	76	Calm	SW 2	7	6	------
16	57.52	56.65	22.8	31.8	97	59	Calm	WSW 2	5	4	2.3
17	58.47	57.22	25.1	30.1	94	76	Calm	SW 2	9	7	------
18	57.71	56.27	22.9	32	96	57	Calm	SW 2	3	6	1.8
19	57.14	56.07	25.8	31.9	95	63	Calm	WNW 2	7	5	------
20	56.48	55.08	26.8	30	81	71	Calm	SW 2	5	6	------
21	55.22	54.04	27.6	31.3	80	68	SW 2	SW 3	7	7	9.7
22	55.98	56.20	26.8	24.8	87	93	SW 3	SW 1	10	10	65.8
23	56.60	56.97	26.7	31	82	68	W 1	SW 2	7	6	------
24	57.99	57.37	27.2	30.3	78	70	SW 1	SW 2	5	6	------
25	57.26	56.33	27.3	30	78	73	SW 2	SW 2	6	7	------
26	55.75	54.83	27.4	30.3	77	70	SW 2	SW 3	7	9	------
27	54.17	53.98	27.8	31.1	71	62	SW 4	SW 4	7	7	------
28	55.83	55.47	27.8	31.5	79	64	SW 3	SW 4	7	6	.3
29	57.26	57.27	27.3	30.8	78	67	SW 3	SW 3	5	6	------
30	57.36	56.84	27.2	31.1	81	69	SW 3	SW 3	5	6	.8
31	55.15	55.44	27.6	27.4	80	83	SW 3	SW 2	9	9	23.6
Mean	56.71	56.08	25.5	29.8	87.8	73	1.1	2.1	6.3	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	205.6

BATANGAS.

[$\phi = 13°\ 45'$ N; $\lambda = 121°\ 03'$ E; barometer above sea, 8 meters; gravity correction not applied, −1.75 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.48	55.20	26.3	27.8	94	91	SW 1	SW 2	9	10	54.4	59.55	57.97	24.2	30.9	95	66	Calm	SW 1	6	7	------
2	55.33	55.10	25.4	26.8	97	87	SW 2	SSW 2	10	10	25.2	59.34	58	23	32	97	66	Calm	SW 1	3	5	------
3	54.88	54.33	25.4	25.1	97	94	SW 2	SSW 2	10	10	244.9	59.59	58.24	23.8	31.8	97	65	Calm	SW 1	5	7	------
4	55.45	54.13	24.1	25.2	97	95	Calm	SSW 1	10	10	43.7	59.93	58.50	23.9	32.1	96	61	Calm	SSE 2	7	7	0.5
5	54.50	54.21	25.4	27.8	95	82	W 1	SW 3	9	9	14.7	60.36	58.38	24.2	33	93	50	Calm	ESE 2	6	5	------
6	53.19	53.10	26.3	28	90	82	SW 2	SW 3	10	9	3.1	60.43	59.67	22.4	26.5	95	88	Calm	N 1	4	9	10.7
7	54.36	54.49	26.3	25.8	90	90	SW 3	W 3	9	10	69.3	60.01	59.45	22.8	28.1	97	84	Calm	SW 1	6	10	6.8
8	55.32	55.67	24	24.8	97	97	Calm	SW 3	10	10	72.4	61.02	59.40	22.4	30.8	96	69	Calm	W 1	6	7	------
9	54.78	55.34	25.3	24.6	94	93	SW 1	W 2	9	10	23.6	60.94	59.76	22.3	26.6	94	87	Calm	NE 1	3	10	16.5
10	56.53	55.92	24.8	28.8	90	80	SW 2	SW 2	10	7	1	60.67	59.15	22.3	27.9	96	57	Calm	S 1	4	7	6.1
11	57.07	56.65	26.1	30.2	89	73	SW 1	SW 2	9	6	.3	60.24	58.08	21.3	31	95	67	Calm	SSW 1	4	6	4.3
12	56.83	57.38	26.3	24.9	83	96	SW 2	SW 1	6	10	58.1	60.02	57.95	23.8	30.4	95	69	Calm	S 1	5	7	7.4
13	57.17	56.48	24	28.7	95	74	Calm	WNW 2	6	7	8.4	60.84	59.13	22.4	31	95	63	Calm	E 1	1	7	------
14	57.91	57.34	23	30.3	95	70	Calm	WSW 2	7	7	------	61.62	60.04	22.3	30	96	62	Calm	NE 1	6	5	------
15	59.19	57.78	22.9	30.7	96	63	NE 1	WSW 2	6	5	------	61.52	59.13	21.8	31.1	95	59	NE 1	ENE 2	6	7	------
16	58.52	57.48	22.4	30.6	96	62	NE 1	WSW 2	6	5	------	61.04	59.64	22	30.5	93	58	NE 1	NE 2	1	7	------
17	57.90	56.43	22.4	31.1	96	59	Calm	SW 2	6	6	------	61.75	60.53	23.3	28.7	94	69	Calm	SE 1	3	7	------
18	58.07	57.65	22	30.8	95	67	Calm	SW 2	3	6	------	61.79	60.10	22.7	30.8	94	58	NE 1	ENE 2	2	6	------
19	59.32	58.32	23.4	31.3	97	68	NE 1	WSW 2	6	6	------	61.42	59.75	23.8	28.7	91	83	Calm	Calm	5	10	3.3
20	59.81	58.75	23.4	31.2	97	68	Calm	WSW 2	6	6	------	60.86	59.53	24.1	32.3	94	55	Calm	SE 2	7	6	------
21	59.34	57.93	22.2	29.9	93	72	Calm	SE 1	5	7	20.8	62.20	60.59	22.9	33	94	52	NE 1	E 2	1	5	------
22	58.42	57.75	23.2	29.6	97	72	Calm	ESE 2	5	7	5.3	61.74	60.29	22.9	32.5	92	55	NE 1	NE 2	4	6	------
23	57.41	56.16	22.8	30.8	97	64	Calm	WSW 2	3	3	------	61.40	60.49	21.8	32.4	89	47	Calm	SE 2	4	4	------
24	56.66	55.68	23.8	31.1	97	61	Calm	WSW 2	5	7	------	62.23	60.89	21.8	29	95	64	NE 1	E 3	5	7	------
25	56.79	55.79	23.3	31.1	94	70	NE 1	SW 2	4	7	6.9	62.41	60.53	22.9	29.7	94	65	NE 1	NE 3	4	5	------
26	57.82	56.28	24	29.3	95	70	Calm	WNW 1	10	7	4.6	60.92	59.83	23.1	30.8	90	62	NE 1	SE 2	4	6	------
27	57.17	56.03	22.9	29.6	96	70	NE 1	SW 2	4	5	9.9	60.71	59.67	21.3	31.4	94	61	NE 1	SE 2	3	5	5.6
28	57	56.28	25.8	29.8	88	69	Calm	SW 2	7	9	9.7	61.80	60.53	24.3	28.3	92	77	NE 1	NE 3	1	7	2.5
29	57.39	57	24.3	26.5	96	80	NE 1	WNW 3	9	9	.5	61.71	60.23	23.3	30	94	60	NE 1	E 2	3	6	------
30	58.59	57.64	24.2	31.3	97	66	Calm	WSW 2	7	7	------	61.55	59.33	21	32.3	95	53	NE 1	E 2	3	6	------
31	------	------	------	------	------	------	------	------	------	------	------	61.60	59.48	22.7	32.5	92	58	Calm	ESE 3	3	5	------
Mean	56.94	56.28	24.2	28.8	94.3	76.2	0.8	2	7.2	7.6	------	61.01	59.49	22.8	30.5	94.2	64.2	0.4	1.6	4	6.6	------
Total	------	------	------	------	------	------	------	------	------	------	676.8	------	------	------	------	------	------	------	------	------	------	63.7

Day.	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.26	60.32	23.2	32.5	93	56	Calm	SE 2	4	6	------	60.51	59	23.8	31	93	61	NE 1	SE 2	3	6	------
2	61.90	60	22	32.3	95	53	Calm	SE 2	3	3	------	60.90	59.33	23.4	29.4	91	74	Calm	E 2	3	9	1
3	60.85	58.83	22	32	95	54	ENE 1	E 2	3	4	------	61.11	58.72	22.8	32.3	95	53	NE 1	ENE 2	3	5	------
4	60.97	58.63	21.3	32.5	92	56	NE 1	SE 2	1	4	------	60.49	58.30	23.4	32.5	93	58	NE 1	NE 2	5	6	------
5	60.64	58.90	22.3	32.2	94	60	Calm	NE 1	4	7	------	59.62	57.97	24	31.7	91	58	NE 1	SE 2	5	7	------
6	59.88	58.20	22.7	32.5	94	49	Calm	ESE 2	1	4	------	60.28	58.60	24.2	31.2	91	61	NE 1	ENE 2	4	6	------
7	59.78	57.84	22.6	32.4	93	56	Calm	S 2	1	5	------	60.39	58.70	23.8	32.5	88	52	NE 1	ENE 2	4	5	------
8	59.87	58.10	22.5	31.6	92	62	Calm	S 2	1	6	2	59.97	57.72	23.1	31.7	92	58	NE 1	SE 2	6	6	------
9	59.22	58.19	23	32.8	94	49	NE 1	SE 2	1	3	------	60.25	58.92	22.1	26.8	94	78	Calm	ENE 2	3	9	.8
10	60.03	57.70	22.7	32.2	92	49	Calm	ENE 2	1	4	------	59.44	58.09	24	32	86	53	ENE 1	E 2	4	7	------
11	60.01	57.70	22.8	32.1	93	48	NE 1	ENE 2	1	5	------	60.32	58.05	23.8	29.8	91	69	NE 1	NE 1	3	7	.5
12	59.84	57.70	22.3	32.2	94	50	Calm	S 2	1	4	------	59.59	59.07	24.3	26	89	89	NE 1	ENE 1	5	10	2.8
13	59.82	58.08	24.2	32.3	90	48	NE 1	SE 2	5	4	------	60.36	59.52	23.4	27.2	97	68	NE 1	SE 3	4	7	------
14	59.96	57.66	23.6	32	93	57	NE 1	SSE 3	1	4	------	60.95	59.36	22	31.3	89	47	ENE 1	SE 2	4	4	------
15	59.79	57.70	22.3	33.3	91	45	NE 1	SE 2	3	4	------	60.34	59.13	22.8	30.8	93	57	NE 1	SE 2	3	5	------
16	59.52	56.87	22.5	31.5	92	58	NE 1	ENE 2	1	6	------	61.55	60.31	24	31.3	91	60	ENE 1	ENE 1	8	7	------
17	59.32	57.28	23.3	31.3	92	54	Calm	S 3	1	5	------	62.34	60.71	24.4	32.5	88	44	ENE 1	ENE 2	7	4	------
18	59.13	57.80	21.9	33.4	94	48	Calm	SE 2	1	6	------	62.16	60.50	21.3	31.4	92	59	Calm	WSW 2	1	5	------
19	59.92	58.28	23	32.8	93	49	Calm	SE 2	2	3	------	60.88	59.83	21.4	30	91	65	Calm	E 2	3	9	------
20	60.48	58.67	23	33.3	91	46	NE 1	SSE 2	2	5	------	61.42	60.07	22.6	29.4	91	67	Calm	SE 2	7	7	1.5
21	60.52	58.93	22.2	30	93	74	Calm	SW 1	3	7	1.8	60.53	58.25	21	32.8	95	58	ENE 1	SE 2	3	6	------
22	60.80	59.02	24	31.3	91	54	Calm	SE 2	3	6	------	59.79	57.83	23.3	32.3	92	61	NE 1	SW 1	4	6	1.1
23	60.33	58.69	23	32	95	53	NE 1	SW 2	2	6	------	60.44	59	22.1	31.3	96	60	NE 1	SW 2	3	6	2.8
24	60.92	58.24	22.3	32.3	96	56	NE 1	SW 2	3	6	------	61.27	59.33	22.9	32.4	92	55	NE 1	SE 2	3	5	5.8
25	59.69	58.05	21.3	32	94	57	NE 1	E 2	3	5	------	62.41	60.78	22	32.6	95	56	NE 1	SSE 2	6	5	------
26	61.27	59.19	21.9	31.4	92	57	NE 1	E 2	5	7	------	62.50	60.73	20.3	31.5	95	49	NE 1	SE 2	4	4	------
27	60.72	58.89	24.8	34.1	88	47	NE 2	SE 2	5	6	2.3	63.13	61.10	20.4	30.6	87	53	NE 1	SE 2	3	6	------
28	60.60	58.64	25.1	29	88	67	ENE 1	NE 3	4	7	------	63.05	60.41	21.2	30.8	93	46	NE 1	SE 2	5	4	------
29	59.59	58.50	23.7	30.5	85	66	NE 1	NE 2	5	5	.5	62.01	59.43	18.3	31.6	91	51	ENE 1	SW 2	3	6	------
30	60.42	59.23	22.7	29.8	96	69	NE 1	SE 1	3	9	1.8	60.79	59.20	21.9	30.3	96	57	NE 1	NE 1	6	6	------
31	------	------	------	------	------	------	------	------	------	------	------	61.76	59.79	20	32.3	94	48	NE 1	E 2	3	4	------
Mean	60.27	58.39	22.8	32	92.5	54.9	0.6	2	2.5	5.2	------	60.99	59.28	22.5	30.9	92	58.9	0.8	1.9	4.1	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	8.4	------	------	------	------	------	------	------	------	------	------	16.3

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 9 meters; gravity correction not applied, −1.73 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	65.01	63.32	22.3	26	84	78	ENE 3	NE 4	10	10	------	61.33	59.63	21.3	30.2	93	52	ESE 1	SE 3	2	3	------
2	64.40	63.01	22.5	26.3	93	76	ENE 1	NE 3	8	10	0.5	61.08	59.78	20.1	29	94	54	SE 1	ENE 3	6	7	------
3	64.55	64.42	22.5	24	91	91	NE 4	NE 3	5	10	.6	62.09	60.70	22	28	90	63	ENE 1	NNE 3	7	4	------
4	65.16	63.46	21	24.9	91	74	NE 3	NE 4	6	10	------	61.64	59.96	22.4	27.5	95	76	SE 1	NE 3	9	8	1.9
5	64.89	62.74	21.5	28.8	95	59	Calm	NNE 3	10	4	------	62.02	60.59	22	28.8	90	61	SE 1	ENE 3	4	4	------
6	64.40	62.58	19.5	29.8	100	62	Calm	NE 2	2	4	------	61.90	60.71	19	29.7	98	55	ESE 1	NE 3	3	3	------
7	63.70	62.81	20.4	28.4	97	64	SE 1	NE 2	2	3	3	61.92	59.95	19.8	27.9	97	64	Calm	NNE 3	3	8	------
8	65.04	64.75	21.2	24	92	79	SE 1	NE 3	8	10	.8	62.01	60.70	19	28.8	99	53	Calm	NNE 3	10	6	------
9	66.75	66.79	20.5	23	82	74	NE 6	NE 5	8	8	------	62.47	61.61	18.9	27.8	98	65	Calm	ENE 3	3	5	------
10	66.75	65.21	19.8	26	89	81	Calm	NE 4	2	7	------	62.47	61.56	21.2	26.2	96	69	ENE 1	NE 4	5	10	.1
11	65.33	62.63	17.2	28.8	96	78	Calm	NE 3	2	5	------	62.62	61.84	21.2	27.4	97	60	Calm	NE 2	8	7	------
12	64.43	63.13	19.8	28.5	98	75	Calm	ENE 2	2	3	------	62.87	62.49	20.2	26.4	100	72	Calm	ENE 1	5	10	3.6
13	63.21	62.24	22	28.2	95	69	Calm	ENE 3	4	6	.3	63.76	62.97	21.2	26.7	89	68	SE 1	NE 3	8	10	3.6
14	63.21	62.51	22.1	26.3	90	80	NE 1	ENE 2	4	10	.5	63.67	62.64	20.4	27.5	96	66	ENE 1	NNE 3	9	4	------
15	63.46	62.48	22.6	27.4	88	76	NE 1	ENE 1	5	8	------	63.23	61.97	20.2	28.3	93	58	ESE 1	NNE 3	5	3	------
16	64.09	62.78	19.2	30.4	98	55	Calm	NE 3	4	4	------	63.05	61.93	20.5	28.4	99	56	Calm	ENE 3	2	3	------
17	64.08	62.30	22.2	28.9	97	77	SE 1	NE 3	3	5	------	62.76	61.67	19.2	29.9	98	46	E 1	NNE 3	7	3	------
18	63.91	61.44	18.1	29.1	99	51	ENE 1	NE 3	2	2	------	62.52	62.19	20	29.5	96	51	Calm	NE 2	2	2	------
19	62.79	60.08	20.1	29	99	89	SSE 1	NNE 2	3	3	------	63.06	61.71	18.6	29	99	54	Calm	NE 2	3	2	------
20	62.23	60.09	18.9	28.7	96	56	Calm	NE 3	2	2	------	62.67	61.45	18.9	30.9	93	47	ESE 1	E 1	2	3	------
21	61.52	60.31	20.7	28	94	68	Calm	NNE 3	3	4	------	61.97	60.93	20.1	28.5	86	52	ESE 1	ENE 3	5	5	------
22	62.12	61.14	21.8	26.8	97	69	Calm	NE 3	5	7	5.1	61.59	59.50	17.1	29.8	94	55	ESE 1	NE 3	2	3	------
23	62.14	61.47	22	24.3	92	87	SSE 1	NE 3	4	10	3.5	62.13	60.12	18.5	30.4	98	51	Calm	ENE 2	2	2	------
24	62.78	61.22	21	27.3	91	68	SE 1	SE 3	3	5	------	62.23	61.13	18.3	29.8	95	55	ESE 1	NE 3	3	7	------
25	61.62	60.44	20.7	27.5	94	64	SE 1	NE 3	3	3	.8	62.22	61.19	20.5	30.9	76	49	ESE 1	NE 3	3	3	------
26	61.71	61.49	20.5	27.6	93	62	SE 1	NE 3	2	4	------	62.30	61.21	18.2	26.2	96	73	ESE 1	NE 3	6	9	13.2
27	62.90	61.33	21.6	28.9	99	59	SE 1	NE 3	6	3	------	62.43	61.28	20.8	28.2	94	61	Calm	NE 2	5	10	------
28	62.65	60.58	20.6	27.2	94	65	SE 1	ENE 3	3	7	------	61.68	60.62	18.2	30.8	100	51	Calm	NE 3	2	5	------
29	61.95	60.59	18.5	27.5	98	63	Calm	SE 2	2	8	------	------	------	------	------	------	------	------	------	------	------	------
30	61.51	60.16	20.9	29.1	92	57	NE 1	NE 3	7	4	------	------	------	------	------	------	------	------	------	------	------	------
31	61.99	59.85	22.4	29.4	90	56	ENE 1	SE 3	2	2	------	------	------	------	------	------	------	------	------	------	------	------
Mean	63.56	62.17	20.8	27.4	93.7	69.7	1	2.9	4.3	5.8	------	62.35	61.14	19.9	28.7	94.6	58.5	0.6	2.7	4.7	5.3	------
Total	------	------	------	------	------	------	------	------	------	------	15.1	------	------	------	------	------	------	------	------	------	------	22.4

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.88	60.82	19.2	30.5	98	58	Calm	NE 3	2	4	------	59.33	58.59	20.4	32.6	96	43	Calm	ESE 3	2	2	------
2	61.51	59.99	19.5	31.4	100	58	Calm	NE 3	2	2	------	60.25	59.59	23.5	32.5	94	46	Calm	SE 2	4	2	------
3	60.91	58.92	20.2	31.5	88	52	ESE 1	NE 3	4	2	------	60.77	59.67	22.8	31.9	89	57	SSE 1	ENE 2	7	4	------
4	60.11	58.54	20.1	29.9	99	55	Calm	NE 3	5	7	------	60.91	58.99	23.5	31.4	86	63	ENE 1	ESE 2	5	7	------
5	59.69	58.49	23.2	29.8	97	64	Calm	ENE 3	2	4	------	60.93	59.94	22.5	26.9	94	77	SSE 1	SSE 2	3	10	6.4
6	58.87	57.94	24	30.4	95	65	Calm	ENE 1	9	8	------	59.86	58.18	23.5	31.5	96	59	Calm	SSE 2	7	8	4.6
7	59.16	57.64	23.9	31.7	89	60	ESE 1	NE 2	2	7	------	60.57	58.22	22.5	33	97	46	Calm	NW 1	4	4	------
8	59.79	58.23	24	31.8	93	58	ESE 1	NE 3	8	4	------	60.71	59.63	22.5	32.5	97	51	ENE 1	NE 4	2	4	10.2
9	59.13	58.42	22.2	32	96	54	E 1	NE 3	8	3	------	61.51	60.91	24.3	26.8	96	80	ENE 1	NE 3	10	10	3.1
10	60.10	59.54	22.3	31.9	94	49	ESE 1	NE 3	2	4	------	62.42	60.39	24.5	28.2	89	79	SSE 1	NE 3	8	9	------
11	59.55	58.70	19.3	31.1	97	49	Calm	NE 3	2	3	------	61.38	60.21	23.7	31	89	55	SSE 1	NE 3	3	2	------
12	60.39	59.09	19.6	33.1	96	46	E 1	NE 2	1	2	------	59.89	57.95	25	33	92	50	SSE 1	NE 3	2	2	------
13	60.64	59.81	19.8	32.6	98	46	ESE 1	NE 2	1	3	------	59.71	58.43	24.1	32	91	55	ENE 1	NE 2	4	3	------
14	61.40	60.34	20.4	31.9	95	46	ESE 1	ENE 2	1	2	------	59.95	58.77	22	33	89	52	NE 1	ENE 2	2	3	------
15	62.78	61.28	22.9	29.9	94	56	SE 1	NE 3	8	6	1.5	60.83	60.19	25	32.1	90	57	Calm	ENE 2	8	3	------
16	61.46	61.20	22.8	29.8	89	56	ENE 1	NE 3	4	7	1.8	61.25	58.96	23.8	33.6	97	49	Calm	ENE 2	1	3	------
17	62.66	62.15	22.7	31.1	92	58	E 1	E 3	5	4	.1	60.30	57.58	23	33.8	98	51	Calm	WNW 2	8	5	------
18	63.99	62.79	22.8	31.9	89	48	E 1	NE 3	8	3	.8	59.70	58.09	24	33.4	91	48	ENE 1	ENE 3	3	3	------
19	63.36	61.98	21.9	30.7	94	46	SE 1	ENE 3	2	3	------	60.66	59.04	23.2	32.6	97	53	NE 1	SSE 3	2	3	------
20	62.05	59.53	20.2	33	98	46	SE 1	ENE 3	2	4	------	61.60	60.47	24.8	32.8	93	57	SSE 1	ENE 3	2	8	------
21	60.44	58.98	20.5	32.3	96	40	Calm	ENE 3	4	3	------	62.45	60.64	25.1	32.9	92	56	ESE 1	ENE 3	8	5	------
22	60.54	58.73	20.6	32.2	96	50	Calm	SE 3	6	3	------	60.45	59.35	25	29.5	90	70	ENE 1	ENE 4	4	9	4.1
23	60.60	59.25	22.1	32.2	96	49	SE 1	ENE 3	3	2	------	60.30	58.56	24.3	33.6	93	51	ESE 1	SSE 2	3	6	------
24	60.75	59.88	20	31	100	50	Calm	ENE 1	1	2	------	60.07	58.86	25.2	33.6	97	54	SSE 1	ENE 3	3	3	------
25	60.89	60.14	21.9	32.5	95	49	Calm	NNE 2	2	2	------	60.20	58.78	23.8	33.9	97	53	ENE 1	NE 3	2	3	------
26	60.85	60.15	22	29.5	95	63	Calm	NE 3	8	7	------	60.49	58.58	24.8	34.5	93	38	NE 1	NE 3	2	2	------
27	61.01	60.01	22	29.5	93	60	Calm	NE 4	4	4	.3	60.63	59.26	25.2	34	90	44	SSE 1	ENE 3	2	2	------
28	61.73	60.79	21.5	31.2	94	49	SSE 1	NE 3	2	3	------	59.91	57.80	24.2	34	93	47	ESE 1	NE 3	2	4	------
29	61.59	59.88	21.5	31	99	52	Calm	ENE 3	2	3	------	59.08	58.09	22.8	32.8	93	48	Calm	SE 3	6	3	------
30	60.90	59.23	21.7	32.2	89	44	NE 1	ENE 2	2	1	------	59.42	58.54	24.2	32.5	93	50	ENE 1	NE 3	6	5	------
31	59.74	57.77	20.5	32.7	93	45	Calm	ENE 2	1	2	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.92	59.68	21.5	31.4	94.7	52.3	0.5	2.7	3.5	3.7	------	60.52	59.08	23.8	32.2	93.1	54.6	0.7	2.6	4.2	4.6	------
Total	------	------	------	------	------	------	------	------	------	------	4.5	------	------	------	------	------	------	------	------	------	------	28.4

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 9 meters; gravity correction not applied, —1.73 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.36	58.96	25	33.5	92	49	ENE 1	NE 3	4	3	------
2	61.11	59.28	24.8	33.9	92	46	ENE 1	SE 3	2	3	------
3	61.07	58.77	24.9	34	92	51	ENE 1	ENE 3	2	2	------
4	60.23	58.07	25.6	32.9	87	55	SSE 1	ENE 3	3	2	------
5	58.61	55.78	25.7	33.7	87	50	SSE 1	ENE 3	4	2	------
6	58.98	58.62	26.2	34.5	84	39	ENE 1	NE 3	7	2	------
7	59.20	58.36	25.6	33.5	88	53	ENE 1	ENE 3	2	3	------
8	59.50	57.82	24	32.5	93	58	ENE 1	ENE 3	4	7	------
9	58.19	55.86	26.2	33.6	89	55	SSE 1	ENE 3	2	3	------
10	56.24	54.83	25.2	30.6	91	74	ENE 1	NE 1	2	7	------
11	57.42	56.06	25.7	30	88	75	ESE 1	ENE 1	7	7	------
12	58.95	58.03	25.6	33.2	88	64	ESE 1	ENE 3	4	4	------
13	59.35	58.53	25.4	33.2	90	52	ENE 1	ENE 3	3	3	------
14	59.39	58.49	26.1	33.4	85	51	ENE 1	NE 3	4	4	2.9
15	59.49	58.26	26.5	35	86	50	NE 1	ENE 2	4	4	------
16	59.39	57.61	24.8	33	93	51	ENE 1	ENE 2	2	5	------
17	59.89	57.12	24.2	33.2	97	51	E 1	ENE 2	3	3	------
18	59.84	57.41	25.1	32	89	55	ENE 1	ENE 2	8	7	1.8
19	59.42	57.12	25.9	31.5	88	70	ENE 1	ENE 2	6	9	21.3
20	58.61	57.25	24.8	28.5	92	93	ENE 1	SSE 1	2	7	45.2
21	59.63	58.17	23.6	32.9	97	61	Calm	ENE 1	9	4	27.7
22	60.76	59.37	23.8	32.5	95	55	Calm	ENE 2	3	3	------
23	60.77	58.57	24.2	33.5	91	48	ESE 1	ENE 1	2	2	------
24	59.10	57.24	24.5	33.8	98	47	Calm	SE 2	1	7	------
25	58.10	57.50	24.5	33.8	87	51	SSE 1	SSE 2	2	3	------
26	59.21	57.44	26	31.6	93	60	ESE 1	ENE 1	8	9	------
27	57.89	55.56	24.8	33.2	92	53	Calm	SSE 2	8	4	------
28	56.21	54.06	24.5	32.7	87	58	ESE 1	NE 1	2	2	25.9
29	55.59	53.72	24.3	32.4	96	68	ESE 1	ENE 1	9	6	.7
30	56.17	53.98	24.2	32.5	98	65	Calm	ENE 2	5	2	.5
31	55.01	52.78	24.8	31.8	87	67	SSE 1	ENE 1	8	8	------
Mean	58.83	57.12	25	32.8	90.7	57.3	0.8	2.1	4.3	4.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	126

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	53.16	53.10	26.4	29	89	79	WSW 1	SW 2	10	10	19.8
2	54.94?	54.66	24.2	26.7	97	90	WSW 1	WSW 1	10	10	56.1
3	55.41?	56.61	24.7	26	90	90	WSW 2	WSW 3	10	10	49.8
4	56.71	56.20	24.2	26.8	91	86	WSW 2	WSW 3	10	10	1
5	56.48?	57.68	25.2	33	91	55	SSW 1	SSW 1	4	8	------
6	59.96	57.99	24.7	32.2	94	65	ESE 1	NW 2	7	8	.3
7	59.90	57.68	24.5	32.5	95	66	ESE 1	NW 2	5	7	18.8
8	59.35	57.68	26.1	33	91	60	ESE 1	E 2	3	4	------
9	58.97	57.62	24.5	33	96	58	Calm	S 2	3	2	------
10	58.85	58.46	24.9	32.9	92	52	ESE 1	NE 2	1	4	------
11	59.76	57.79	25.2	32.6	90	60	ESE 1	NE 2	3	4	------
12	58.76	56.92	25.7	29.1	86	71	ESE 1	S 2	1	8	.3
13	58.82	57.06	25.4	32.4	97	58	ESE 1	SSE 2	2	5	------
14	58.95	57.01	24.8	33	92	63	ESE 1	ENE 1	3	6	------
15	59.06	57.18	24.6	33.6	95	57	ESE 1	ENE 2	3	6	------
16	58.62	56.55	23.9	29.7	96	73	ESE 1	ENE 2	4	9	.2
17	57.88	56.68	24	29.5	91	74	SSE 1	NE 2	3	7	.8
18	57.44	55.41	24	23.6	96	97	NE 1	ENE 2	9	10	60.7
19	50.43	50.90	23.5	23.5	98	97	NNW 7	SSW 3	10	10	135.9
20	56.44	56.61	24.5	27.3	95	85	NNE 1	W 1	10	10	1
21	58.51	57.86	22.9	27.6	99	87	Calm	SSW 1	10	10	1.3
22	59.42	57.24	24.4	32	97	65	NW 1	NW 1	10	10	.8
23	59.17	58.13	25	31.7	88	64	ENE 1	SSE 2	10	6	2.8
24	58.13	57.14	24.8	29.8	89	71	Calm	SSE 2	7	8	.5
25	57.99	57.05	22.5	30.6	99	67	Calm	SSE 3	4	9	1.8
26	58.16	56.60	23.5	31	97	65	E 1	W 1	9	8	------
27	57.14	55.29	23.4	31.4	97	63	Calm	W 2	10	6	.8
28	55.14	53.30	25.2	31.4	97	63	WSW 1	W 2	10	5	------
29	54.35	54.16	25.5	26.5	93	92	W 1	W 1	10	10	13
30	55.44	54.59	25.2	30.6	93	71	SW 1	NW 2	10	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.44	56.37	24.6	30.1	93.7	71.5	1.1	1.9	6.7	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	365.7

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.70	55.03	24.6	30	95	71	Calm	NW 1	8	9	4.3
2	56.89	55.97	24	31.7	96	58	NE 1	NW 1	3	6	------
3	57.30	55.73	24.5	30	87	74	NE 1	NW 2	4	8	------
4	56.13	55.54	23.8	27.9	97	88	W 1	W 1	5	10	6.3
5	55.61	54.40	23.7	27.5	96	94	SW 1	SSW 2	10	10	11.7
6	54.12	54.01	23.6	27.9	98	78	WSW 2	WNW 3	10	10	21.8
7	53.81	52.69	23.5	28.5	100	78	SW 3	SW 2	10	10	35
8	54.60	55.38	23.9	31.5	96	64	NW 1	WNW 2	10	10	.3
9	56.50	56.05	24.6	30.9	96	65	WSW 1	WSW 2	10	6	------
10	56.78	56.14	26.1	30.5	88	63	WSW 1	WSW 3	7	10	.3
11	56.21	55.57	27.5	30.5	81	68	WNW 3	WSW 4	10	10	------
12	55.75	55.45	25.5	32.5	89	59	WSW 1	SW 5	10	10	------
13	56.74	56.72	27.2	32.4	92	61	WNW 1	WSW 1	6	10	------
14	57.94	57.16	24.8	32	93	64	Calm	WSW 3	6	5	------
15	58.54	57.75	24.9	31.2	92	67	NW 1	WSW 2	2	7	11.1
16	57.94	56.37	24	30.9	95	65	W 1	WSW 2	6	7	48
17	56.26	54.89	22.2	32.9	98	57	ENE 1	NE 1	3	5	2.5
18	56.67	55	23.4	31.9	95	58	NW 1	WNW 1	4	4	3.8
19	57.05	55.79	24.2	31.6	97	62	Calm	SE 1	6	5	.3
20	57.06	56.09	25.4	32.1	92	63	NE 1	ENE 2	3	3	------
21	57.47	57.05	24.5	28	92	91	E 1	SE 1	3	10	12
22	56.57	55.39	23.9	30.5	95	72	SE 1	SSE 1	5	10	11.4
23	55.20	54.06	22.8	32.8	98	54	NE 1	WNW 2	4	10	30.5
24	54.57	54.97	24.5	27.2	96	94	WSW 1	WSW 3	7	10	2.8
25	54.90	55.13	24.3	28.2	93	88	SW 1	SW 2	5	10	6.8
26	55.14	55.33	25.2	28	88	60	WSW 1	SW 3	8	10	.3
27	57.02	56.48	24.4	31.5	95	64	NE 1	SW 2	10	10	2.3
28	58.42	58.37	24.5	32	97	55	Calm	WNW 2	9	8	------
29	59.49	58.38	23.5	31.4	93	60	NW 1	WNW 2	3	2	------
30	59.54	58.49	23.8	31	97	63	Calm	NW 2	2	6	------
31	59.53	58.15	23	29.9	91	65	SW 1	WNW 2	2	3	------
Mean	56.63	55.92	24.4	30.5	93.8	68.5	1	2	6.2	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	211.5

AUGUST.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.16	57.67	23.3	31.2	95	63	NE 1	NNW 2	2	6	------
2	59.07	56.73	23.5	32	96	63	NE 1	NNW 2	2	4	------
3	58.10	56.96	22.8	27	97	83	Calm	S 1	3	10	5.1
4	57.35	56.39	23	31.5	93	62	N 1	NW 1	3	3	------
5	57.56	56.38	22.9	32.2	94	53	NW 1	NW 1	2	4	41.1
6	57.78	56.82	22.8	30.1	93	71	WSW 1	W 1	3	8	1.5
7	57.75	56.71	23.7	30.2	97	74	Calm	ENE 1	8	8	.9
8	57.15	56.13	24.3	30.7	96	68	Calm	NNW 2	9	7	9.4
9	57.47	55.99	23.1	28.5	97	82	Calm	W 1	6	8	23.1
10	56.53	55.13	24.4	27.8	97	79	Calm	WNW 2	7	10	3.6
11	53.85	53.82	24.2	25.5	94	92	SW 1	WSW 2	10	10	21.5
12	53.47	52.69	26	28	85	81	WSW 2	WNW 3	10	10	2
13	52.92	53.73	26	27.6	85	74	WSW 1	NW 2	10	10	3.8
14	55.54	54.97	25	29.4	92	68	SW 1	SSW 3	8	10	------
15	56.60	55.89	24.8	32.2	92	58	SSW 1	SSW 2	6	4	------
16	57.65	55.81	23.5	31.2	91	62	SW 1	SW 2	4	5	------
17	58.39	57.19	24.8	25.5	93	92	NW 1	NE 3	6	9	31.2
18	57.85	56.48	23.5	31.2	96	59	WSW 1	NE 2	8	4	------
19	56.98	55.99	25.1	31.5	92	69	Calm	NW 2	6	3	10.2
20	55.95	54.87	25.6	29	94	75	WbyN 1	WSW 3	10	10	.3
21	54.64	53.37	25.5	30	93	65	SSW 1	SW 4	10	10	8.9
22	56.45	55.39	24.8	26.2	99	85	WSW 1	SW 2	10	10	35.8
23	56.93	56.37	24.8	31	92	62	WSW 1	WSW 3	10	10	------
24	57.87	56.96	23	29.6	98	71	Calm	NNW 2	6	9	------
25	57.02	55.91	26.2	30.5	89	65	WNW 1	WSW 3	10	10	------
26	55.27	53.68	26.5	29.5	79	64	swbyw 2	SW 6	10	10	------
27	53.58	53.18	27.5	30.1	79	59	WSW 4	SW 7	10	10	------
28	55.12	55.11	27	29.5	79	72	WSW 3	WSW 4	10	10	8.1
29	56.88	56.57	26.4	30	81	68	WSW 1	WSW 3	4	10	3.6
30	56.97	56.58	24.8	28.9	95	73	W 1	W 2	6	10	14.5
31	55.22	54.82	25.7	23.5	90	67	WNW 1	WSW 2	10	10	95.5
Mean	56.55	55.62	24.7	29.6	91.7	70.3	1	2.5	7.1	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	320.1

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[a] Beginning with the morning of August 1, the height of the barometer above sea level was 4 meters.

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 4 meters; gravity correction not applied, —1.73 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.20	54.64	24.2	26.2	98	93	W 1	NWbyW 2	10	10	157.2	59.65	58.02	23.6	30.4	98	68	Calm	W 2	8	4	------
2	55.72	54.94	24.1	25	99	96	NEbyN 1	SW 1	10	10	92.4	59.34	58.01	22.8	31.4	97	59	WNW 1	NW 1	3	3	------
3	55.23	53.95	24	25.2	100	94	SW 1	SW 1	10	10	80	59.90	58.67	24.1	31.9	91	58	WNW 1	NE 1	2	7	------
4	55.32	54.06	23.2	26.3	98	90	WSW 1	WNW 2	10	10	27.5	60.15	58.74	24	27.3	97	86	SSW 1	WSW 2	6	8	14
5	54.29	53.56	23.6	25.8	97	95	WSW 1	W 1	10	10	39.1	60.45	59.30	24	31.3	91	61	WSW 1	NE 2	3	2	------
6	52.60	52.21	25	28.5	96	80	SW 2	WSW 3	10	10	24.3	60.38	59.66	23.2	30.8	97	84	NE 1	NE 2	4	7	.8
7	53.80	53.75	26	28.1	93	84	SW 1	SW 2	10	6	36.5	60.14	59.88	22.8	29	95	85	NNE 1	NE 2	6	8	11.9
8	55.21	54.70	25.2	27.8	92	84	SW 1	SW 2	10	10	43.7	61.10	59.63	23	30.6	96	68	Calm	NE 2	2	3	------
9	55.19	54.67	24.2	29	90	74	WSW 1	WSW 3	10	10	40.8	60.94	59.71	22.9	29.5	96	74	Calm	ENE 2	2	8	1.8
10	55.86	55.04	24.5	30.2	96	74	WSW 1	WSW 3	10	10	.8	60.76	59.42	22.6	27.4	97	69	Calm	SSE 2	1	8	------
11	56.97	55.74	25	29.5	94	81	NW 1	WSW 3	10	6	.8	59.95	58.17	21.2	30.9	96	65	ESE 1	ENE 3	2	6	------
12	56.65	56.30	24.8	25.9	95	88	WSW 1	WSW 1	9	10	18.1	60.24	58.36	23.9	30	93	66	Calm	NE 3	10	6	------
13	57.26	56	23.2	26	97	89	WSW 1	NW 1	7	10	37.6	60.80	59.43	22.7	30.5	92	65	Calm	ENE 2	5	4	------
14	57.82	56.83	23.1	29.6	96	76	WSW 1	WSW 1	10	10	3.6	61.78	60.18	23.4	30.5	94	59	ENE 1	ENE 3	7	5	------
15	58.70	57.72	22	30	93	66	SW 1	NW 2	4	4	------	61.58	59.59	22.6	29	97	64	Calm	ENE 3	6	8	.3
16	58.16	57.16	22.6	29.9	95	76	WNW 1	NW 2	10	3	------	60.96	60.08	23	27.6	93	83	Calm	ENE 8	6	9	.3
17	57.78	56.32	22	30.3	97	68	Calm	NNW 2	8	3	------	61.80	60.65	22.6	27.5	97	73	Calm	ENE 2	9	9	1.8
18	58.13	57.19	22.2	31	96	63	Calm	NW 2	5	3	------	61.69	60.41	22.8	28.4	97	77	Calm	ENE 1	2	6	3.6
19	59.18	58.29	23.2	31.3	97	58	WNW 1	WNW 2	3	3	------	60.84	60.02	23.4	27	97	84	Calm	NNE 2	2	10	.3
20	59.73	58.27	23.8	31.1	95	62	Calm	NW 1	7	4	.8	60.86	59.88	23.5	30.9	96	62	SE 1	ENE 3	4	3	------
21	59.74	57.99	22.2	29.2	96	72	Calm	NNW 1	2	2	.3	61.73	61.01	23.4	30	96	67	Calm	E 3	3	3	1.3
22	58.60	57.16	23	30.8	95	69	Calm	NNE 1	3	4	------	61.75	60.71	22.8	29.9	97	65	Calm	E 3	8	6	.6
23	57.36	56.16	23	30.7	97	58	NNE 1	W 1	2	2	------	61.81	60.76	21.3	30.6	88	56	Calm	ENE 3	2	4	------
24	56.28	55.52	24.4	31.4	92	66	WNW 1	NW 3	4	4	------	62.28	60.89	25.5	29.5	80	70	ENE 3	ENE 4	3	3	------
25	57.09	55.77	22.9	27	96	94	NW 1	NNW 2	5	8	1	61.53	60.66	24	28.7	86	73	ENE 1	ENE 3	4	4	.5
26	57.70	56.26	23.2	27.8	97	77	NE 1	S 2	4	8	------	61.90	60.07	24.5	31	88	55	SSE 1	ENE 3	6	5	------
27	57.31	56.06	23.2	30.1	93	68	S 1	NNW 2	2	5	1	60.89	59.43	22.8	30.8	93	64	ESE 1	ENE 3	4	4	.1
28	57.51	56.61	25	23.2	92	100	SW 1	NW 2	10	10	25.3	61.58	60.73	25.9	29.5	82	72	E 1	NNE 3	6	8	5.1
29	57.16	57.47	23.7	26.5	97	81	Calm	SSW 2	10	10	1.8	61.96	60.54	23.7	28.7	89	72	ENE 1	ENE 3	2	8	------
30	58.67	57.90	23.9	27.3	96	75	Calm	SW 3	10	4	------	61.55	59.63	23	30.4	91	64	ENE 1	E 3	3	4	------
31	------	------	------	------	------	------	------	------	------	------	------	61.53	60.46	23	30.1	96	67	Calm	ENE 3	3	4	------
Mean	56.87	55.94	23.7	28.4	95.5	78.4	0.8	1.9	7.5	7	------	61.02	59.76	23.3	29.7	93.3	68.9	0.6	2.5	4.3	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	632.6	------	------	------	------	------	------	------	------	------	------	42.4

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.50	60.89	23	29.5	96	68	Calm	ENE 3	7	9	19.3	60.69	59.55	23.7	26.8	97	86	Calm	ENE 2	3	8	25.6
2	62.01	60.49	23.5	29.7	92	70	ENE 1	E 3	3	4	------	61.10	59.74	24.2	28.5	88	74	ENE 1	ENE 3	10	3	17.2
3	60.80	58.91	22.5	30.9	93	62	Calm	ENE 3	3	2	------	61.10	59.18	23.8	30	95	72	Calm	ENE 3	5	4	4.9
4	61.20	58.98	22.6	30.7	91	62	SE 1	ENE 2	2	3	------	60.30	58.88	23.4	30.1	95	71	Calm	ENE 3	7	6	1.3
5	60.64	59.29	22.4	28.6	97	72	Calm	ENE 2	2	8	------	59.53	58.33	23.2	29	98	75	Calm	ENE 2	5	5	3.8
6	59.98	58.67	23.4	30.3	92	65	ENE 1	ENE 3	2	5	------	60.48	58.98	24.2	28.4	97	79	ENE 1	ENE 2	10	6	3.6
7	59.78	58.41	23.4	30	95	71	ENE 1	ENE 3	4	6	------	60.58	59.07	24	29.7	93	71	Calm	ENE 2	3	6	.5
8	59.58	57.86	23.5	30.5	93	62	ENE 1	ENE 3	2	4	------	60.05	58.54	23.2	27.1	93	83	Calm	ENE 3	4	5	4.1
9	59.73	58.38	22	31.5	97	61	Calm	ENE 3	2	3	------	60.49	59.16	23.8	27.9	93	72	Calm	ENE 3	8	10	------
10	60.10	58.57	23.7	31.1	91	56	ENE 1	ENE 3	2	3	7.6	60.36	58.83	23.5	28.4	95	77	Calm	ENE 3	5	7	1.3
11	59.99	58.01	23.8	29	92	65	ENE 1	ENE 3	4	6	.3	60.58	58.42	23.4	28.3	94	71	ENE 1	ENE 3	5	7	5.8
12	59.81	58.42	21.5	30.1	97	66	Calm	ENE 3	2	5	2.1	60.13	59.33	24.3	23.3	91	98	E 1	ENE 2	8	10	11.7
13	59.70	58.43	24	30.3	91	64	E 1	ENE 3	5	3	6.6	60.59	59.24	23.1	27.7	95	73	ENE 1	ENE 3	10	8	8.2
14	60.13	58.16	23.5	30.3	96	64	Calm	ENE 2	7	3	.8	61.03	59.53	23.5	28.6	95	68	ENE 1	E 3	6	6	------
15	59.74	58.17	23.4	30.5	93	65	ENE 1	ENE 3	3	4	------	60.33	59.23	24.5	29	87	74	E 1	ESE 3	7	6	------
16	59.60	57.58	22.2	29.1	96	73	Calm	ENE 3	2	3	3.3	61.53	60.71	24.6	28.2	87	77	ESE 1	E 2	10	10	------
17	58.94	57.58	22.8	30.7	98	61	Calm	ENE 3	2	3	------	61.93	60.91	23.1	29.2	94	66	ESE 1	E 3	5	3	------
18	59.17	58.42	22.4	30.4	95	61	Calm	ENE 3	2	3	------	62.14	60.73	20.4	29.9	91	62	ESE 1	ENE 3	2	2	------
19	60.24	58.57	22.9	30.8	95	63	Calm	ENE 3	2	3	------	60.91	60.42	22	28	96	76	Calm	ENE 3	6	6	.5
20	60.48	59.12	23.3	31	95	65	Calm	ENE 3	2	3	------	60.98	60.07	21.2	27.6	96	76	ENE 2	ENE 3	8	6	------
21	60.69	59.18	22.8	30.5	97	64	Calm	ENE 3	2	4	------	60.53	58.77	23.3	29.5	95	73	E 1	ENE 3	8	6	1
22	60.77	59.21	24.7	30.3	92	65	SE 1	ENE 3	5	4	------	59.80	58.44	22.6	27.5	95	77	Calm	SE 2	8	10	24.2
23	60.55	58.87	23.8	30.6	94	68	Calm	ENE 3	2	3	------	60.50	59.24	21.5	30.3	95	61	Calm	ESE 2	6	4	------
24	61.08	58.46	22	31.8	95	55	Calm	ENE 2	3	2	------	61.34	59.90	22.1	26.7	94	83	SE 1	ESE 2	4	10	8.4
25	59.84	58.77	21.6	30.8	96	62	Calm	ENE 3	1	3	------	61.60	60.75	22.8	30.5	88	65	ESE 1	SE 2	5	4	------
26	61.04	59.38	25	28.4	83	70	ENE 2	ENE 3	4	10	16.8	62.26	60.94	20.9	29	93	65	E 1	ESE 2	4	4	------
27	60.69	59.59	25.3	29.8	92	77	ENE 1	ENE 1	8	9	57.4	62.75	61.38	20.5	29	95	68	Calm	SE 3	2	4	------
28	60.78	59.19	25.7	25.5	83	84	E 2	ENE 3	4	10	.8	62.48	61.19	21	28.5	93	64	ESE 1	ESE 3	2	2	------
29	60.44	58.95	24.8	28.7	85	70	ENE 1	ENE 3	10	4	4.1	61.71	60.25	19.5	26.1	88	77	SE 1	SE 4	2	7	------
30	60.40	59.22	24.5	27.9	87	78	ENE 1	ENE 2	10	7	4.4	60.19	59.29	20.5	27.9	93	72	ESE 1	ESE 4	4	6	.5
31	------	------	------	------	------	------	------	------	------	------	------	61.76	60.42	20.5	29.9	91	62	ESE 1	ESE 3	2	2	------
Mean	60.31	58.79	23.3	30	93	66.3	0.6	2.8	3.6	4.6	------	60.96	59.66	22.7	28.4	93.2	73.2	0.6	2.7	5.6	5.9	------
Total	------	------	------	------	------	------	------	------	------	------	123.5	------	------	------	------	------	------	------	------	------	------	122.6

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	20.3	28.6	82	54	Calm	NE 4	4	4	-----	-----	-----	21.3	28.4	84	58	E 1	SE 3	4	8	-----
2	-----	-----	20	29.5	91	56	Calm	NE 5	1	3	-----	-----	-----	19.8	27.7	87	60	Calm	NE 2	3	9	-----
3	-----	-----	22.5	26.2	89	60	NE 1	NE 4	4	7	-----	-----	-----	20.8	27	83	68	Calm	WNW 2	8	9	-----
4	-----	-----	21.2	27.5	76	53	NE 3	NE 4	3	4	-----	-----	-----	21.3	26	90	71	Calm	E 3	8	9	-----
5	-----	-----	20.7	29.4	91	54	Calm	NE 3	7	8	-----	-----	-----	21.3	29	91	52	ESE 2	E 4	7	7	-----
6	-----	-----	20	29	91	55	Calm	ESE 2	2	4	-----	-----	-----	19.8	30.8	87	43	ENE 1	NE 3	3	4	-----
7	-----	-----	20.3	29.1	92	59	Calm	SSE 2	2	8	-----	-----	-----	20	26.6	81	58	E 1	E 3	8	9	-----
8	-----	-----	20.2	24	94	75	Calm	NE 3	9	10	-----	-----	-----	19.8	29.8	85	48	Calm	SE 3	10	9	-----
9	-----	-----	20.1	25.7	74	55	NE 3	NE 4	8	1	-----	-----	-----	20.8	29.2	82	47	Calm	NE 4	8	8	-----
10	-----	-----	19.4	26.8	74	47	NE 3	NE 4	3	2	-----	-----	-----	21.4	29.2	87	52	Calm	E 4	10	7	-----
11	-----	-----	17.1	27.7	77	48	NE 1	NE 1	2	5	-----	-----	-----	20.5	25	91	87	Calm	Calm	9	8	3
12	-----	-----	19.1	28.8	91	54	Calm	SE 3	7	4	-----	-----	-----	21	26	89	65	Calm	NE 2	8	8	-----
13	-----	-----	19.8	29.4	90	57	NE 2	NE 1	4	9	-----	-----	-----	19.8	28.2	88	52	Calm	NE 3	7	5	-----
14	-----	-----	19.5	26.2	92	71	Calm	SE 1	4	10	-----	-----	-----	18.7	26.7	91	58	Calm	ENE 3	8	9	-----
15	-----	-----	19.5	28.4	93	57	Calm	NE 3	8	7	-----	-----	-----	20	27.7	87	52	Calm	E 2	8	7	-----
16	-----	-----	20.6	28.5	91	54	Calm	NE 3	9	7	-----	-----	-----	19.3	29.5	84	40	NE 1	NE 4	1	2	-----
17	-----	-----	20.2	29	88	53	Calm	ENE 4	3	7	-----	-----	-----	18.8	28.7	85	47	Calm	NE 4	3	7	-----
18	-----	-----	18.2	29.8	92	50	Calm	NE 1	1	2	-----	-----	-----	19	31.3	87	40	Calm	NE 1	2	3	-----
19	-----	-----	17.9	28.5	93	60	Calm	SW 2	7	4	-----	-----	-----	18.6	30.8	89	45	Calm	NE 1	1	3	-----
20	-----	-----	18	30	94	54	Calm	S 3	2	3	-----	-----	-----	19.5	29.8	83	45	E 1	E 3	1	1	-----
21	-----	-----	18.8	31.5	91	46	Calm	NE 3	3	3	-----	-----	-----	20.4	29.9	82	49	E 1	SE 4	3	2	-----
22	-----	-----	20.6	29.3	90	56	Calm	E 3	7	8	-----	-----	-----	19.2	30	85	38	ENE 1	SE 3	2	2	-----
23	-----	-----	21.5	26.3	87	68	NE 2	NE 4	8	10	-----	-----	-----	19	32	85	36	Calm	SSW 2	1	3	-----
24	-----	-----	20.6	28.8	80	55	NE 1	NE 4	8	6	-----	-----	-----	19.5	31.2	88	50	Calm	SW 2	1	3	-----
25	-----	-----	20.3	27.4	86	59	Calm	E 2	8	7	-----	-----	-----	20	31.1	91	41	Calm	SW 2	3	3	-----
26	-----	-----	20	29.9	85	46	NE 1	NE 3	4	3	-----	-----	-----	20.2	23.8	89	83	Calm	NE 1	2	10	-----
27	-----	-----	20.8	29.2	78	53	Calm	NE 2	8	4	-----	-----	-----	21.3	28.5	82	54	Calm	E 4	9	3	-----
28	-----	-----	19.4	28.7	83	53	Calm	NE 4	2	3	-----	-----	-----	20.7	32	82	40	E 1	ENE 3	3	4	-----
29	-----	-----	20.7	28.8	86	57	Calm	NW 1	9	6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	20.4	30.3	89	47	Calm	SE 4	7	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	21.5	30	90	50	Calm	E 3	9	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	20	28.5	87.1	55.4	0.5	2.9	5.3	5.5	-----	-----	-----	20.1	28.8	86.2	52.8	0.4	2.7	5	5.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3

Day.	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	20.2	28.3	91	60	Calm	E 2	3	8	1	-----	-----	22.4	34.8	81	35	Calm	SE 4	2	2	-----
2	-----	-----	21.5	27.2	91	70	Calm	E 3	9	9	-----	-----	-----	21.7	33.4	74	44	Calm	SSE 5	2	2	-----
3	-----	-----	20	31	78	39	Calm	ENE 4	3	6	-----	-----	-----	20.6	33.5	76	46	Calm	ESE 3	3	4	-----
4	-----	-----	21.3	32.4	80	47	Calm	SW 2	3	5	-----	-----	-----	22.7	31.7	80	57	Calm	N 2	2	8	9.7
5	-----	-----	22.1	32	84	51	Calm	E 3	2	3	-----	-----	-----	22.4	29.7	95	64	Calm	NE 2	4	9	12.7
6	-----	-----	24	33.2	86	52	Calm	SE 3	9	3	-----	-----	-----	22.8	31.6	92	62	Calm	Calm	4	6	1.5
7	-----	-----	23.3	33.6	90	47	E 1	SSE 4	3	4	-----	-----	-----	22.8	34.3	96	51	Calm	SW 2	8	7	-----
8	-----	-----	23	33.4	83	42	E 1	ESE 4	7	3	-----	-----	-----	22.9	31.6	91	52	Calm	NE 2	8	8	8.9
9	-----	-----	23.5	32.7	75	42	ENE 2	E 2	1	3	-----	-----	-----	22.8	30	95	59	W 1	NE 3	9	7	-----
10	-----	-----	22.1	33.8	81	38	Calm	ENE 2	1	3	-----	-----	-----	22.1	32.3	90	50	Calm	NE 2	9	5	-----
11	-----	-----	20.5	31.5	84	38	NE 1	SSE 5	1	2	-----	-----	-----	23.4	32.4	80	49	Calm	Calm	3	5	-----
12	-----	-----	20.5	33.5	77	37	Calm	S 2	2	1	-----	-----	-----	23.2	33.8	83	45	Calm	SE 1	6	3	-----
13	-----	-----	22	32.1	75	45	E 1	SSE 3	2	3	-----	-----	-----	24	31.7	87	54	Calm	SE 2	6	6	8.4
14	-----	-----	21.4	32.6	84	46	Calm	S 2	6	6	-----	-----	-----	22.6	33.5	91	49	Calm	SSW 1	2	3	.5
15	-----	-----	24	28.8	72	55	E 1	ENE 2	9	9	-----	-----	-----	23.8	23.8	93	87	Calm	SW 1	8	9	30.5
16	-----	-----	23.6	31	81	45	Calm	NE 4	8	2	-----	-----	-----	22.4	32.2	88	55	Calm	S 2	2	5	-----
17	-----	-----	22.8	32.6	84	43	Calm	ESE 2	9	4	-----	-----	-----	23.6	33.2	90	51	Calm	S 1	6	6	-----
18	-----	-----	21.5	31	81	50	Calm	ESE 4	3	5	-----	-----	-----	23.7	30.4	90	65	Calm	W 1	4	8	-----
19	-----	-----	21.5	33.1	87	40	Calm	NE 3	3	4	-----	-----	-----	24.3	32.4	78	51	Calm	ESE 2	3	5	-----
20	-----	-----	22	32.5	76	44	Calm	SSE 3	4	8	-----	-----	-----	23.4	29.7	81	69	Calm	Calm	3	6	11.4
21	-----	-----	21.2	33.3	83	37	Calm	SSE 4	6	5	-----	-----	-----	23.7	33.3	90	51	Calm	NE 2	8	6	-----
22	-----	-----	22.3	33	78	42	ENE 1	E 2	5	7	-----	-----	-----	24	34.3	83	46	Calm	ENE 2	9	7	1.3
23	-----	-----	23.3	34.2	74	37	ENE 2	SSE 2	1	2	-----	-----	-----	23.4	33.6	93	50	Calm	SSE 3	4	2	-----
24	-----	-----	22.6	34	73	38	NE 1	SE 3	1	3	-----	-----	-----	23.5	34.8	87	44	Calm	SSE 4	2	3	-----
25	-----	-----	21.5	33.5	85	39	Calm	ENE 4	2	2	-----	-----	-----	23.8	35	80	44	Calm	SE 3	2	3	-----
26	-----	-----	19.6	32.2	82	42	Calm	NE 2	1	4	-----	-----	-----	23.8	34.6	81	36	Calm	SE 3	2	1	-----
27	-----	-----	20.4	32.6	85	42	Calm	ENE 3	8	2	-----	-----	-----	23.7	35.4	81	41	Calm	SSE 2	3	4	-----
28	-----	-----	21.4	33	77	41	Calm	E 4	1	2	-----	-----	-----	24	35	83	43	ENE 1	SE 3	8	4	-----
29	-----	-----	23.3	34.2	78	36	Calm	NNE 2	2	2	-----	-----	-----	23.3	34.9	79	38	Calm	NE 3	8	2	-----
30	-----	-----	20.5	32.9	78	43	Calm	SSE 3	3	2	-----	-----	-----	24	33.9	78	38	NE 1	SE 3	8	4	-----
31	-----	-----	20.8	33.7	78	41	Calm	SW 3	6	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	21.9	32.4	81	44.2	0.4	2.9	4	4	-----	-----	-----	23.2	32.7	85.5	50.9	0.1	2.1	4.9	5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84.9

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	-----	-----	23.9	34.3	79	41	Calm	ESE 2	7	3	-----	-----	-----	25.4	26.8	88	81	SW 2	S 3	10	10	33.8
2	-----	-----	23.3	34.5	77	40	Calm	ESE 3	7	3	-----	-----	-----	23.2	24.5	97	95	SSW 1	SE 2	10	10	192
3	-----	-----	24.3	34.9	77	42	Calm	ESE 3	2	3	-----	-----	-----	22.8	23.3	97	96	WSW 2	S 3	10	10	59.5
4	-----	-----	23.9	33.3	79	44	Calm	E 3	3	4	-----	-----	-----	22.6	29.8	93	65	Calm	SSW 2	9	10	-----
5	-----	-----	23.9	34.6	81	40	Calm	E 3	2	3	-----	-----	-----	24.4	29.8	85	60	SSE 1	SSW 2	9	9	-----
6	-----	-----	24.4	34.8	80	39	Calm	SSE 3	7	3	-----	-----	-----	24.4	31.5	91	63	Calm	W 2	8	9	-----
7	-----	-----	23.6	34.9	80	42	Calm	SE 3	4	6	-----	-----	-----	23.9	32.7	96	57	Calm	SSE 1	3	7	-----
8	-----	-----	23.2	33.6	82	47	Calm	NE 2	2	5	-----	-----	-----	24.9	32.6	84	60	Calm	W 1	3	6	-----
9	-----	-----	25	35.8	82	42	Calm	SSE 2	3	3	-----	-----	-----	23.4	33.7	87	52	Calm	SE 3	2	3	-----
10	-----	-----	24.9	35	83	48	Calm	S 2	3	8	-----	-----	-----	23.7	32.4	93	55	E 1	SW 2	2	3	-----
11	-----	-----	25.3	35.3	85	47	Calm	S 3	8	8	6.1	-----	-----	23.8	32.4	89	60	Calm	W 1	1	3	-----
12	-----	-----	24.2	33.4	92	50	Calm	E 2	4	7	-----	-----	-----	24.4	32.2	91	63	Calm	NW 1	1	3	-----
13	-----	-----	24.5	34.1	80	41	NE 1	NE 2	1	4	-----	-----	-----	24.4	32.3	91	57	Calm	W 2	3	4	-----
14	-----	-----	25	34.1	70	45	ENE 2	E 2	3	8	-----	-----	-----	23.3	33.2	89	53	Calm	SSE 2	7	3	-----
15	-----	-----	24.7	36.3	82	40	Calm	SSE 3	8	5	-----	-----	-----	24	32.5	83	56	Calm	W 2	2	3	-----
16	-----	-----	24.9	33.9	77	42	Calm	SSE 3	3	8	-----	-----	-----	23	29	85	76	Calm	NW 2	4	8	3.3
17	-----	-----	24.5	34	81	46	Calm	S 2	1	4	-----	-----	-----	22.8	27.7	94	84	Calm	W 1	3	9	2.6
18	-----	-----	25	35.3	79	41	ENE 1	SW 2	7	4	48.8	-----	-----	23.1	29.2	95	72	Calm	NE 1	8	10	40.6
19	-----	-----	24.8	31	84	68	ENE 1	S 1	7	3	77.8	-----	-----	22.3	23.5	96	97	NW 4	SW 7	10	10	253.5
20	-----	-----	24.3	32.3	91	59	E 1	S 2	5	7	1.8	-----	-----	22.6	25.3	97	90	ESE 1	W 1	10	10	1.8
21	-----	-----	24.4	27.3	91	76	Calm	ESE 2	9	10	51.6	-----	-----	23.6	28.4	95	80	E 1	W 1	9	10	.8
22	-----	-----	24.2	31	90	65	Calm	S 2	4	8	-----	-----	-----	23.4	31.5	95	65	Calm	SE 2	9	8	-----
23	-----	-----	22.9	32.3	87	56	Calm	SW 2	3	4	-----	-----	-----	23.2	32.5	93	54	Calm	ESE 2	4	5	-----
24	-----	-----	24.4	27.8	94	76	Calm	W 1	2	8	.8	-----	-----	23.6	30.7	91	67	Calm	SE 2	10	8	-----
25	-----	-----	23	32.5	91	54	Calm	S 1	3	6	-----	-----	-----	23.5	29.8	92	69	Calm	SW 1	8	8	-----
26	-----	-----	24.7	30.8	87	71	Calm	S 2	7	7	21.9	-----	-----	23.3	29.7	91	70	Calm	SW 1	8	8	3.8
27	-----	-----	24.1	32.6	94	60	Calm	SW 2	6	7	35.3	-----	-----	23.6	29.8	95	69	Calm	W 2	9	8	9.7
28	-----	-----	23.5	31.8	94	64	Calm	WSW 2	2	5	-----	-----	-----	24.8	29	95	74	NNW 2	W 3	10	8	8.6
29	-----	-----	24.4	24.1	96	95	Calm	ESE 3	8	10	20	-----	-----	24.7	26	97	95	SW 2	SSW 2	10	10	12.7
30	-----	-----	23.4	31.7	96	64	Calm	S 1	5	6	-----	-----	-----	23.5	28.1	96	74	Calm	SW 3	10	9	1.3
31	-----	-----	24.8	30.5	97	62	Calm	WSW 2	10	9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	24.2	32.8	85.1	53.1	0.2	2.2	4.7	5.8	-----	-----	-----	23.7	29.7	92	70.3	0.6	2	6.7	7.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	264.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	624

Day.	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	-----	-----	24.2	28	93	79	Calm	SW 2	9	10	22.6	-----	-----	23.2	31.8	97	58	Calm	SSE 2	2	3	-----
2	-----	-----	22.8	27.8	97	81	NE 1	SW 2	6	9	-----	-----	-----	23.5	30.3	92	66	Calm	WNW 2	1	6	1
3	-----	-----	23.7	27.6	96	80	Calm	WSW 4	3	9	2	-----	-----	23	24.8	94	90	Calm	N 1	3	9	11.2
4	-----	-----	23.6	26.2	95	85	W 1	SW 2	10	9	10.6	-----	-----	21.5	31.1	95	60	Calm	WSW 2	3	3	1.3
5	-----	-----	23.1	24	97	96	SW 3	N 2	10	10	126.7	-----	-----	22	30.8	96	62	Calm	SSE 1	4	4	-----
6	-----	-----	23.7	23.4	97	98	SW 2	SW 4	9	10	118.6	-----	-----	22.7	25.9	92	85	Calm	E 1	2	10	8.7
7	-----	-----	23.2	23.4	97	97	SW 4	SW 6	10	10	68.1	-----	-----	23.4	29	97	74	Calm	SW 1	9	9	2.3
8	-----	-----	24	26.7	91	84	S 2	SW 2	10	10	33.5	-----	-----	22.6	28.3	97	75	Calm	W 1	9	8	4.8
9	-----	-----	24.5	28	92	76	WSW 2	WSW 4	10	8	-----	-----	-----	23.1	29.7	96	69	Calm	S 2	7	8	2.3
10	-----	-----	25	29.2	92	72	SW 2	SW 5	9	8	-----	-----	-----	23.4	25.7	96	91	Calm	Calm	9	10	9.2
11	-----	-----	25.8	27.7	92	79	WSW 4	WSW 6	9	10	-----	-----	-----	23.3	25.8	96	85	Calm	SW 3	9	9	9.6
12	-----	-----	25.9	28.7	91	78	WSW 6	SW 6	8	10	.8	-----	-----	23.4	26.4	97	84	SW 2	SW 2	10	10	30.5
13	-----	-----	25.4	28.8	92	76	SW 3	SW 4	7	9	-----	-----	-----	24.3	23.8	91	93	SW 3	SW 3	10	10	8.9
14	-----	-----	25	29	92	73	Calm	W 4	9	9	4.8	-----	-----	24	28.8	96	69	SW 1	SW 2	10	7	1.5
15	-----	-----	24.1	26.1	97	83	Calm	WSW 6	7	10	10.2	-----	-----	23.4	30	94	65	Calm	W 2	9	8	1.6
16	-----	-----	23.4	28.3	97	72	Calm	W 2	8	7	57.9	-----	-----	22	30.3	96	63	Calm	W 2	9	7	4.3
17	-----	-----	22.4	29.2	96	70	Calm	SW 3	3	6	55.4	-----	-----	24	24.4	95	91	Calm	N 3	5	10	28
18	-----	-----	23.4	30.9	97	67	Calm	SSW 2	6	3	22.9	-----	-----	22	30	96	67	Calm	W 2	3	4	5.1
19	-----	-----	23.7	30.7	97	69	Calm	W 1	7	6	3.8	-----	-----	23	29.7	97	67	Calm	WSW 3	3	6	7.3
20	-----	-----	23	30.3	97	73	Calm	NE 1	3	8	-----	-----	-----	23	24.4	96	95	Calm	NW 2	9	10	95.3
21	-----	-----	23.4	27.8	96	79	Calm	N 1	3	8	10.6	-----	-----	23.6	28.2	93	73	SSW 3	SW 4	10	10	275.3
22	-----	-----	23.1	30.3	97	67	Calm	SW 2	3	8	-----	-----	-----	22	23	98	96	SW 1	SW 1	10	10	29.5
23	-----	-----	23	26.7	97	80	Calm	WNW 2	2	10	32.2	-----	-----	23.8	28	95	73	SSW 2	SW 3	9	10	-----
24	-----	-----	23.4	25.7	97	83	SSW 1	SW 4	9	9	.8	-----	-----	24.4	27.2	92	81	Calm	WSW 3	9	10	50
25	-----	-----	23.7	26	90	84	WNW 1	SSW 4	9	8	11.9	-----	-----	23.3	27.8	97	76	SW 3	SW 5	10	8	4.1
26	-----	-----	23.8	24.7	93	88	SSW 3	SSW 3	10	10	14.2	-----	-----	24.5	26.8	91	78	SW 3	SW 4	10	10	4.8
27	-----	-----	23.1	27	95	83	NNW 1	W 2	10	10	5.1	-----	-----	25.2	26.9	84	76	SSW 4	SW 6	10	10	22.9
28	-----	-----	23.7	29.4	96	71	Calm	W 2	9	7	-----	-----	-----	24.3	26.8	91	80	SW 4	SW 6	10	9	12.2
29	-----	-----	23.4	30.6	97	60	Calm	W 2	4	3	-----	-----	-----	23.7	27.5	92	78	SW 3	WSW 6	7	8	8.6
30	-----	-----	24.2	30.2	96	60	Calm	W 1	10	9	-----	-----	-----	23.5	24.1	97	97	SW 2	W 2	10	10	77.7
31	-----	-----	23.4	28.9	93	70	Calm	S 1	4	7	.8	-----	-----	23.8	23.9	97	96	SW 3	SW 2	10	10	114.8
Mean	-----	-----	23.8	27.8	94.9	77.8	1.2	3	7.3	8.4	-----	-----	-----	23.3	27.5	94.6	77.8	1.1	2.5	7.5	8.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	613.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	832.8

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1			23.7	25.3	97	93	SW 1	SW 2	10	10	282.9
2			23	23.4	97	97	SSW 3	SW 2	10	10	248.9
3			21.7	24.3	97	96	W 1	SW 2	10	10	63.2
4			22.3	24.2	97	91	W 1	W 3	10	10	6.6
5			23.4	23.8	97	96	W 2	WNW 1	10	10	20.1
6			23.7	26.3	97	87	SW 4	SW 6	10	10	13
7			24.6	24.3	92	92	SW 3	WNW 2	10	10	19.6
8			23.4	22.7	97	97	WSW 1	SW 2	10	10	98
9			23.1	24.8	97	89	SW 2	SW 4	10	10	11.4
10			23.6	26.9	97	85	Calm	SW 4	10	8	10.7
11			24.2	27.7	96	79	SW 2	SW 4	7	7	16.3
12			24	23.6	98	97	SW 1	SW 2	10	10	57.9
13			22.4	23.4	97	97	Calm	WNW 1	10	10	51.8
14			22.7	26.8	97	84	Calm	W 2	9	8	
15			22.5	28.9	98	61	Calm	SW 2	4	3	
16			22.6	28.8	97	73	Calm	WSW 2	8	6	
17			23	28.8	97	68	Calm	SW 2	8	2	15.2
18			22.6	30.4	97	65	Calm	W 1	4	4	
19			22.8	30.4	97	61	Calm	W 1	8	3	
20			22.3	28.8	97	68	Calm	W 1	4	8	21.3
21			21.8	25.8	96	84	Calm	Calm	8	9	14.5
22			21.8	28.7	97	75	Calm	Calm	2	7	8.1
23			21.5	29.4	97	67	Calm	W 2	3	5	.8
24			23.3	28.7	97	75	Calm	WSW 3	9	8	
25			22.9	31.6	96	60	Calm	SE 1	10	9	2.5
26			23.3	29.4	97	67	Calm	WSW 1	8	8	
27			22.5	29.3	96	69	Calm	SW 2	7	8	21.3
28			24.1	27.5	96	75	Calm	NW 2	9	9	49
29			22.9	22.7	97	97	Calm	SW 2	10	10	67.8
30			22.7	28.1	96	72	Calm	W 2	10	10	
31											
Mean			22.9	26.8	96.7	80.6	0.7	2	8.3	8.1	
Total											1100.9

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1			22.4	30	96	65	Calm	W 2	7	8	
2			22.5	30.5	95	66	Calm	SW 1	2	2	
3			23	31.4	94	68	Calm	SW 2	4	8	
4			22.9	29.1	92	69	Calm	SE 2	8	9	
5			21.6	29.9	90	69	Calm	N 2	2	7	0.8
6			21	26.2	91	82	Calm	SSE 2	6	9	
7			21.7	27.5	88	82	Calm	Calm	3	7	2
8			22.3	29.4	90	69	Calm	WNW 1	5	6	
9			21.7	27.3	96	77	Calm	W 1	2	8	1.8
10			20.9	30.8	94	52	Calm	NE 2	5	6	
11			20.5	29.8	93	68	Calm	SW 1	7	8	27.7
12			22.4	26.3	96	82	Calm	SW 1	7	7	4.6
13			23.2	29.4	90	71	ENE 1	Calm	8	7	
14			22.7	29.4	89	62	NE 1	NE 1	6	4	
15			20.8	30	96	65	Calm	SSE 1	8	8	
16			21.4	29.8	94	67	Calm	NE 2	10	7	
17			21.4	27.7	91	73	NE 1	NNE 2	9	9	
18			20.5	27.4	93	77	Calm	SE 2	1	8	1
19			22.2	27.2	96	83	Calm	W 1	2	10	1
20			22.5	30	94	67	NE 1	SE 2	6	4	1.5
21			21.4	30.2	87	63	NE 1	NE 3	3	3	1
22			21.5	29.3	89	66	Calm	NE 2	9	5	
23			20	29.7	91	58	Calm	NE 2	2	4	
24			20.3	30.8	90	53	Calm	E 4	3	2	
25			20.8	29	88	61	Calm	NE 4	1	3	
26			21.5	31.3	89	52	Calm	E 3	9	4	
27			21	30.2	91	58	Calm	ESE 3	6	7	
28			22.8	28.5	88	67	Calm	NE 3	4	9	
29			21.5	31.1	88	56	Calm	E 2	1	7	
30			20.1	30.8	91	54	Calm	E 3	3	7	
31			20.4	28.7	91	64	Calm	NE 2	2	8	
Mean			21.6	29.3	91.6	66.6	0.2	1.9	4.9	6.5	
Total											41.4

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. t.			0-10.	0-10.	mm.
1			22.8	29.7	88	61	Calm	NNE 2	5	5	
2			21.7	31.4	90	53	Calm	NE 2	1	3	
3			20.7	31	90	53	Calm	NE 2	3	3	
4			19.4	31.3	90	57	Calm	S 2	0	2	
5			20.9	30.7	89	63	Calm	SSW 2	2	8	
6			21.4	30	91	65	Calm	SE 1	1	4	
7			21.9	29.3	91	68	Calm	NNE 2	1	4	1.5
8			21.3	26.7	90	85	Calm	NE 1	1	6	5.3
9			20.8	32.2	93	53	NNE 1	S 3	0	3	
10			22.7	31.8	86	46	NE 2	E 2	1	1	
11			21.3	31.3	90	47	Calm	E 3	2	3	
12			21.8	30.3	87	62	NE 1	NE 2	2	8	1
13			21.9	31.7	91	56	Calm	ESE 2	3	3	
14			21.9	30.5	88	60	Calm	ENE 2	3	8	
15			22.7	32	85	55	Calm	NE 2	8	3	
16			20.8	28.4	90	69	Calm	NE 1	1	6	.5
17			21.9	30	90	59	Calm	SE 2	3	4	
18			21.1	31.2	88	51	Calm	NE 1	0	4	
19			20.6	32.7	91	46	Calm	SSE 3	3	3	
20			21.7	32.2	88	56	Calm	SSE 3	3	4	
21			21.8	27	91	80	Calm	N 1	7	8	4.6
22			22.8	31.6	86	52	Calm	NE 3	9	3	
23			21.2	31.7	87	53	Calm	E 3	5	4	
24			21	31.7	91	58	Calm	SW 2	3	4	
25			20.5	32.7	89	45	Calm	E 3	3	3	
26			21.6	31.7	89	47	Calm	NE 3	7	8	
27			22.8	30.3	92	66	Calm	SW 1	9	10	47.5
28			22.4	28	89	66	Calm	NE 3	9	8	
29			21.2	29.3	85	65	Calm	NE 3	9	9	
30			21.8	29.4	92	66	Calm	NE 2	3	8	
31											
Mean			21.5	30.6	89.2	58.8	0.1	2.1	3.6	5	
Total											60.4

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1			21.5	30.8	94	60	Calm	NNE 1	3	7	
2			22	30	94	60	Calm	NE 3	10	3	3.1
3			22.4	29.3	95	61	Calm	NE 2	7	3	
4			22.4	30.3	91	60	Calm	NE 1	9	7	.8
5			22.9	26	91	87	Calm	Calm	9	7	12.7
6			22.6	30.3	90	61	Calm	NE 2	7	8	
7			22.8	31.7	89	51	Calm	E 3	4	4	1
8			22.8	27.7	89	74	NE 2	Calm	6	8	.5
9			20.6	29.5	89	52	Calm	NE 3	3	2	1
10			20.7	30.3	94	59	Calm	NE 2	7	7	
11			21.8	31.4	95	48	Calm	NNE 2	8	3	3.6
12			22	30	95	59	Calm	NE 2	8	10	9.9
13			21.8	25.7	96	80	Calm	SE 2	8	8	5.1
14			22.4	29.3	96	56	Calm	E 3	10	6	
15			22.2	26.3	95	86	Calm	W 1	4	10	6.9
16			22.6	27.4	95	70	Calm	NE 3	4	8	
17			21.8	31.3	91	52	Calm	NNE 1	9	3	
18			19.5	30	95	60	Calm	SSW 2	3	4	
19			21.5	28	93	74	Calm	Calm	8	7	3.3
20			22.1	29	89	57	Calm	ENE 4	8	4	
21			21.2	30.5	95	64	Calm	W 2	8	7	
22			21.8	28.3	93	68	Calm	NE 3	9	6	
23			21.7	30.4	94	64	Calm	E 2	6	8	2.3
24			22	30.4	95	58	Calm	NE 2	4	6	
25			21.4	30.6	94	50	Calm	SW 2	3	3	
26			19.7	30.3	95	51	Calm	NE 3	3	3	
27			18.6	30.8	96	46	Calm	NE 2	1	1	
28			20.9	31.2	92	42	Calm	ENE 3	4	2	
29			18.8	29.1	95	53	Calm	E 3	8	6	
30			20.4	30	93	50	Calm	NE 3	8	5	
31			18.7	30.6	95	48	Calm	E 1	2	4	
Mean			21.4	29.6	93.3	60	0.1	2	6.2	5.5	
Total											50.2

IBA.

[φ=15° 20′ N ; λ=119° 58′ E ; barometer above sea, 4.8 meters ; gravity correction not applied, —1.69 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	64.06	62.62	23	29.2	63	58	E 2	NW 3	2	3	------
2	63.97	62.02	19.4	30.1	90	62	Calm	NW 3	1	1	------
3	63.76	63	23.6	30.4	64	56	ESE 2	W 2	2	5	------
4	63.26	62.21	24.5	31.2	57	51	E 3	NW 2	10	9	------
5	64.24	62.55	23.5	30.5	80	62	Calm	NW 2	10	3	------
6	63.84	62.66	23.2	30.3	90	64	Calm	NW 2	4	2	------
7	64.27	62.54	18.5	30.5	95	50	Calm	NW 4	3	2	------
8	64.76	64.01	20.2	28.4	89	64	Calm	NW 3	10	10	------
9	65.62	64.29	21.4	28.6	54	46	ESE 4	NW 3	2	1	------
10	65.39	64.25	21	28.5	53	53	ESE 4	NW 3	1	5	------
11	64.10	62.96	20.2	28	57	49	E 4	NW 3	1	1	------
12	62.99	61.73	15.9	28.5	95	57	Calm	NW 3	1	5	------
13	62.34	61.47	17.4	28.6	94	65	Calm	NW 2	1	4	------
14	62.32	61.37	17.5	29.7	97	60	Calm	NW 2	4	6	------
15	62.79	61.52	18.9	29.4	93	56	Calm	WNW 2	4	2	------
16	62.91	62.16	19	28.2	96	63	Calm	NW 2	1	10	------
17	62.98	61.57	18.6	29.5	98	58	Calm	NW 2	4	10	------
18	63.38	61.23	18.5	29.5	95	59	Calm	NW 2	1	3	------
19	61.86	60.18	17	28.7	96	59	Calm	WNW 2	4	4	------
20	61.81	59.55	18.3	29.5	95	64	Calm	NW 3	2	4	------
21	60.89	59.65	18.4	29	94	62	Calm	NW 3	2	2	------
22	61.77	60.42	19	29.5	94	61	Calm	NW 3	4	9	------
23	61.86	60.71	19.1	28.5	95	68	E 1	NW 3	10	10	------
24	61.98	60.82	22	29.5	66	58	E 1	WNW 3	4	1	------
25	61.12	60.13	19.5	28.5	81	60	Calm	NW 2	2	8	------
26	61.09	60.92	17.9	29.6	91	58	Calm	NW 3	6	8	------
27	62.52	60.71	18	30	94	57	Calm	NW 3	5	4	------
28	61.69	59.77	19.8	30.2	87	55	E 1	NNW 4	2	7	------
29	61.11	60.10	21.5	29	95	65	Calm	WNW 3	10	2	------
30	61.17	60.12	22.5	28	87	68	Calm	WNW 2	10	10	------
31	61.28	59.76	23.5	28.8	79	65	E 1	W 2	10	10	------
Mean	62.81	61.52	20	29.3	84.3	59.1	0.7	2.6	4.3	5.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.89	59.81	20.4	28	94	69	Calm	W 2	10	8	------
2	60.77	59.63	20.9	29.5	95	61	Calm	W 2	4	10	------
3	61.34	59.90	18.4	30	96	62	Calm	WNW 2	3	4	------
4	60.97	59.66	21.8	28.4	95	66	Calm	WNW 1	10	10	------
5	60.89	60.08	20.5	30	97	62	Calm	W 2	8	6	------
6	61.33	60.61	19	29.6	95	58	Calm	WNW 3	2	3	------
7	60.97	59.41	20	28.5	94	62	Calm	SW 2	10	10	------
8	61.57	60.61	20.5	30	90	61	Calm	W 2	10	10	------
9	61.99	61.01	18.6	29.5	99	56	Calm	W 2	6	4	------
10	62.19	61.01	19.5	29.5	95	61	ESE 1	WNW 2	3	10	------
11	62.75	61.57	19	30	92	60	Calm	NW 4	10	8	------
12	63.27	62.16	16.6	29.5	91	56	Calm	NW 4	1	2	------
13	63.37	62.52	18	29	94	55	Calm	WNW 2	1	4	------
14	63.17	61.98	17.8	28.5	94	60	Calm	NW 2	4	10	------
15	62.32	61.23	22.8	30	68	49	E 3	E 4	8	10	------
16	62.33	61.12	18	30.2	90	53	E 1	NW 2	1	8	------
17	62.67	61.50	15.6	29.5	96	53	Calm	SW 2	1	4	------
18	62.29	61.63	17	29.7	96	60	Calm	W 2	1	1	------
19	62.30	61.70	16.9	29	96	54	Calm	W 2	1	3	------
20	61.92	61.21	16.4	29.2	96	52	Calm	WSW 2	1	2	------
21	61.38	60.80	17	29.5	99	55	Calm	W 2	1	5	------
22	60.42	60.12	20.9	30.8	88	56	SE 2	SW 2	2	1	------
23	61.97	61	17	28.6	92	55	Calm	WSW 2	1	4	------
24	61.09	61.43	17.4	29.5	92	58	Calm	NW 2	1	1	------
25	61.58	60.86	17.4	28.5	96	60	Calm	WSW 3	1	3	------
26	61.73	61.43	17.4	27.2	96	71	Calm	SW 1	4	10	------
27	62.14	61.60	24	30.8	75	54	Calm	W 3	10	4	------
28	62.92	62.01	19.8	30.5	85	56	Calm	NW 3	5	4	------
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	61.88	60.99	18.9	29.4	92.4	58.4	0.2	2.3	4.3	5.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	63.14	62.23	18.3	30	92	59	Calm	NNW 3	8	4	------
2	63.04	62	22.8	30.6	79	58	E 2	NW 3	5	5	------
3	62.34	61.40	24	30.5	67	55	E 2	W 3	2	4	------
4	60.76	59.52	19.8	30	87	59	Calm	WNW 3	1	2	------
5	59.03	57.71	20	29.5	95	68	Calm	WSW 3	1	1	------
6	57.89	57.49	22.5	31	92	65	Calm	WNW 2	10	5	------
7	58.53	57.80	21.5	31	96	65	Calm	NW 3	2	4	------
8	58.38	57.49	24.8	30.9	85	67	ESE 1	W 2	4	2	------
9	58.50	58.04	22	32	96	58	Calm	W 3	1	2	------
10	59.31	58.77	22.3	30.9	92	64	E 1	W 2	2	2	------
11	58.93	58.57	21	29.6	95	67	Calm	W 3	1	2	------
12	59.77	59.85	22	29.5	91	61	SE 2	SW 3	2	4	------
13	60.29	60.22	18.8	30	92	67	Calm	SW 2	1	3	------
14	61.18	60.22	19	31.5	94	63	Calm	NW 4	4	10	------
15	61.84	61.01	22	29	91	71	Calm	WSW 1	10	9	------
16	60.53	60.12	21.4	31.5	95	59	Calm	NW 3	8	4	------
17	62.41	61.70	21	30.4	91	65	Calm	WSW 2	5	6	------
18	63.80	62.41	19.8	31.6	90	62	Calm	NW 4	1	4	5.3
19	63.49	61.71	21.5	30	94	68	E 1	W 3	4	4	------
20	61.35	59.40	23	30.5	91	53	SE 1	WNW 2	10	7	------
21	59.87	59.14	20.4	30.8	96	59	Calm	SW 2	4	5	------
22	59.72	58.99	19.7	30.6	89	58	E 1	W 3	4	4	------
23	59.82	58.71	20.4	31.5	92	60	Calm	NW 3	1	1	------
24	60.11	59.27	19	31.5	95	53	Calm	W 2	1	2	------
25	60.46	59.62	22	31.2	88	64	Calm	WNW 2	10	4	------
26	60.23	59.71	18	31	86	65	E 1	WNW 2	6	3	------
27	60.56	59.27	21.5	31.5	69	42	ESE 1	NW 3	3	2	------
28	61.03	59.42	18.9	32	89	49	Calm	NW 2	3	1	------
29	61.33	59.40	20	31.1	94	62	Calm	NW 3	1	2	------
30	60.52	58.97	21	31	92	62	Calm	NW 4	1	1	------
31	58.97	57.75	20.3	30.5	97	65	Calm	SW 2	2	2	------
Mean	60.55	59.61	20.9	30.7	90.1	61.1	0.4	2.6	3.8	3.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.3

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.07	58.22	21.5	31.5	92	54	Calm	SW 2	2	1	------
2	59.58	59	20	31	91	62	ESE 1	SW 2	2	1	------
3	59.92	59.52	20.5	31.5	95	65	Calm	WNW 3	1	1	------
4	59.92	59.11	23.5	31.5	89	72	Calm	WNW 3	2	4	------
5	60.17	58.81	23.3	30.6	92	65	ESE 1	WSW 3	4	4	------
6	59.17	58.41	22	32	91	60	Calm	W 3	3	8	------
7	59.92	58.42	24	32	91	66	ESE 1	NW 3	5	4	------
8	60.21	59.60	23	30.8	91	67	Calm	W 2	3	5	------
9	61.10	60.45	25.5	32	81	60	E 1	WSW 2	10	4	20.5
10	61.38	60.55	23	31	91	62	E 1	NW 2	4	4	------
11	60.31	58.76	25.7	31	72	64	SW 2	W 3	10	4	------
12	59.43	58.76	23.5	29.5	91	71	ESE 1	WSW 3	10	8	------
13	59.02	58.91	22.5	31	96	67	Calm	SW 3	1	5	------
14	59.95	59.40	22.4	31.6	93	56	Calm	WSW 2	2	2	------
15	60.35	60.06	22.5	32.5	94	63	Calm	NW 3	1	2	------
16	60.86	59.04	22.5	31	92	59	Calm	WNW 2	2	1	------
17	59.67	58.15	22.5	32	96	60	Calm	W 2	4	2	------
18	59.16	58.45	24	32.5	88	60	E 1	SW 2	2	5	1.2
19	59.92	58.64	23.6	31.3	95	65	Calm	WSW 1	6	9	1.2
20	61.25	60.11	23.6	33	90	58	ESE 2	W 2	10	2	------
21	61.85	60.16	24.5	33.5	91	60	Calm	NW 3	5	8	------
22	60.45	59	23	33.3	87	59	E 1	NW 2	10	10	.2
23	59.75	58.84	24	33	91	61	Calm	W 2	4	8	------
24	59.19	58.68	24	32.5	93	66	E 1	SW 2	4	2	------
25	59.45	58.63	23.6	33.8	91	58	Calm	W 2	1	3	------
26	60.20	58.36	25.6	34	83	59	E 1	SW 2	2	2	------
27	59.83	59.01	22.6	34	86	53	ENE 1	W 2	8	5	------
28	59.49	57.78	24.2	32.8	90	57	Calm	SW 3	4	2	9.7
29	58.41	57.48	23.9	32.6	92	62	Calm	SW 3	4	4	------
30	59.31	58.34	23.1	33.5	90	54	E 1	WNW 3	7	6	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.94	58.96	23.3	32.1	90.2	61.5	0.5	2.4	4.4	4.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	32.8

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.95	58.16	25.3	33	74	55	E 2	SW 3	5	6	------	53.65	52.82	24.4	29.7	97	79	E 1	S 2	10	10	129.8
2	60.60	59.38	23	33.5	79	48	E 1	WNW 2	4	6	------	54.62	54.47	24	26.4	97	89	SE 2	SE 1	10	10	95.5
3	60.45	58.43	23.5	34	87	53	NE 1	NW 2	4	2	------	55.59	55.28	23.5	25.2	99	93	ESE 1	ESE 2	10	10	45.6
4	59.41	57.69	26.5	34	69	52	ESE 2	NW 3	5	7	6.9	55.90	55.69	25	25	87	87	SE 3	SSE 2	10	10	125.9
5	57.92	56.10	26	33	75	56	SE 2	NW 3	4	3	------	56.98	58.09	26.9?	26.3	85?	91	S 4	SE 2	10	10	53
6	58.24	57.15	23.3	33.6	96	55	ENE 1	WNW 3	3	2	------	59.16	59	24.5	30.5	96	75	ESE 2	S 2	10	10	------
7	58.67	58.28	23.6	33.5	86	58	ENE 1	SW 2	2	1	------	59.17	58.49	23.3	31	90	69	Calm	NW 2	5	4	------
8	58.81	57.44	24	34	91	55	Calm	NW 3	1	2	5.8	58.80	58.33	24.2	32.2	95	69	Calm	WNW 2	4	8	10.9
9	58	56.38	24.4	33	95	61	Calm	NW 3	6	8	------	58.72	58.19	24.6	31.4	93	71	Calm	NW 2	4	10	------
10	56.10	54.99	25.2	33.2	92	63	Celm	SW 2	1	1	------	58.40	58.85	25	31.6	93	70	E 1	WSW 2	2	9	5.6
11	56.55	55.99	26.5	33.3	84	64	E 2	SW 2	9	2	------	59.10	58.60	24.5	32.5	94	68	ESE 1	WSW 2	4	6	5.6
12	58.18	57.73	24.1	33	82	61	E 2	WSW 3	2	8	1.4	58.50	57.89	24.5	31	96	72	Calm	WNW 2	3	10	33.3
13	58.65	58.43	25.5	33.5	84	57	ESE 2	WSW 3	2	8	11	58.08	57.85	24	27.8	96	82	Calm	NNW 3	6	10	1.1
14	58.80	58.28	24.8	34	87	52	Calm	WSW 3	3	6	------	58.43	58.46	25	30.9	87	69	SE 2	SW 2	9	10	------
15	59.39	58.33	26	33.6	73	58	E 1	WNW 2	6	2	3.5	58.87	57.82	23.5	32	94	63	Calm	NW 2	4	2	------
16	59.07	58.05	27	32	83	64	SW 2	S 2	10	8	.4	58.11	56.42	24.1	31.5	96	70	Calm	NW 3	1	10	------
17	59.35	57.97	24.5	28.6	94	77	E 1	NNW 2	4	10	------	57.46	56.67	24	32	95	63	E 1	SW 2	2	2	8.8
18	58.99	57.85	26.2	31.4	78	65	SE 2	SSW 3	8	10	------	57.17	55.96	24.5	32	96	67	Calm	NW 2	5	8	.8
19	59	57.35	25	30.5	87	72	SE 1	S 3	6	10	1	54.04	51.69	25	26.5	90	92	NNE 1	NW 2	10	10	167.7
20	58.30	57.50	25.6	30.5	87	70	SE 2	SSW 2	4	10	.2	56.19	56.06	24	28.8	91	75	W 1	S 4	10	10	67.6
21	58.87	59.16	25.9	28.4	89	80	SE 1	ENE 1	10	10	26.7	58.29	57.97	23.9	27.6	97	86	Calm	SE 1	10	10	17.1
22	60.29	59.35	23.6	32.4	95	66	Calm	W 2	8	10	------	58.30	57.25	24.6	30.3	90	75	SE 2	SSW 3	10	10	.3
23	59.77	59.40	25.5	81.2	88	64	E 1	SW 2	7	10	------	58.18	57.15	25.1	32.5	93	63	SE 2	S 3	10	8	------
24	58.95	57.71	23.5	33	96	64	Calm	NW 2	2	7	------	57.99	56.80	24.1	30.5	95	65	Calm	SSW 1	10	10	------
25	57.77	57.73	24.6	33	92	64	Calm	NW 2	10	7	3.1	57.19	56.56	23.3	31.5	93	64	Calm	SSW 2	10	10	1.3
26	58.96	57.95	25	30.5	95	70	ENE 1	NNE 2	5	10	.1	57.94	56.80	24	32	91	66	E 1	SW 2	10	5	------
27	57.79	56.39	24	32.4	95	68	Calm	NW 2	8	9	2.3	56.68	55.74	25.2	30.5	95	70	E 1	SSW 2	10	10	2.5
28	56.05	54.76	25.5	31	96	69	Calm	NW 2	9	9	------	55.18	53.74	24.2	31.5	95	72	Calm	W 2	10	7	------
29	55.21	54.33	25.4	31	93	71	Calm	NNE 2	8	10	8.6	54.41	54.04	24.2	32.4	94	68	Calm	WNW 2	10	4	2.4
30	56.07	53.75	25.2	33.5	94	64	SE 2	WNW 2	10	4	89.7	55.27	54.81	27.4	30.5	83	70	SW 4	S 3	10	10	12.3
31	54.46	53.11	25	31.3	95	70	Calm	SSW 2	10	10	209.3	------	------	------	------	------	------	------	------	------	------	------
Mean	58.34	57.26	24.9	32.4	87.5	62.8	1	2.3	5.7	6.7	------	57.21	56.58	24.5	30.1	93.1	73.8	1	2.1	7.6	8.4	------
Total	------	------	------	------	------	------	------	------	------	------	370	------	------	------	------	------	------	------	------	------	------	787.1

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.05	55.16	25.4	29.5	95	76	SE 2	S 3	10	10	16.5	59.11	58.16	23	30.5	97	68	Calm	SW 2	10	10	------
2	56.41	56.12	24.5	30.8	87	73	SSE 2	S 4	10	10	9.9	59.06	57.95	23.5	30.5	96	75	Calm	NW 2	2	8	0.1
3	56.84	56.75	24.5	26.9	92	82	SE 2	SW 2	10	10	18.3	58.21	56.81	23.5	29.5	96	75	Calm	N 2	3	8	1
4	55.69	55.68	24	29.6	97	74	E 1	SW 1	10	10	24.7	57.37	57.41	23.5	29.4	96	75	Calm	NNW 1	4	10	.3
5	54.84	54.82	24.4	25.2	93	94	Calm	ESE 2	10	10	147.3	57.28	57.60	22.7	28.7	94	75	ESE 1	NW 2	4	10	------
6	53.57	53.15	25	25	96	96	SSW 4	ESE 2	10	10	111.6	57.70	57.12	22.6	31.4	95	68	Calm	NW 3	4	10	1
7	52.40	52.25	25.5	28.6	94	80	SW 4	SSW 4	10	10	55.9	57.50	56.75	24	31.4	95	72	Calm	NW 2	9	10	37.6
8	53.62	55.11	26	28.2	92	83	SSW 4	SSW 4	10	10	85.4	57.22	56.35	23.9	30.5	97	71	E 1	WNW 2	10	10	18.6
9	56.08	56.32	26.1	29.5	94	81	SE 1	SSW 3	10	10	9.1	57.28	56.24	23.5	29.5	96	75	Calm	SW 2	5	10	18.3
10	57.02	56.56	27	30	88	75	SSW 1	SSW 2	10	10	17	56.38	55.61	24.4	27.8	97	83	SE 1	Calm	8	10	1
11	56.36	56.23	28	30	86	82	SW 3	W 3	10	10	11.5	53.85	53.42	23	30.5	96	75	Calm	NW 2	10	10	19.6
12	55.83	56.34	28	30.1	88	81	SW 3	SW 3	10	10	.8	53.23	53.02	23.8	27.9	97	81	Calm	Calm	10	10	25.1
13	56.63	56.83	27.6	28.5	87	85	SSW 3	SSW 2	10	10	9.6	53.07	53.30	27	28	87	85	W 3	WSW 3	10	10	11.3
14	57.20	57.52	27.3	30	87	80	SSW 1	S 2	10	10	8.7	54.83	55.17	25	25	98	98	S 2	SSW 2	10	10	113.3
15	58.27	57.82	24.8	25.6	93	92	SE 1	SW 2	10	10	65.3	55.80	56.84	24.4	27.5	95	84	SE 2	SE 2	10	10	17.5
16	57.24	56.15	24.2	29	97	78	Calm	S 3	10	10	19.2	57.19	56.77	23.7	29.5	94	73	SE 2	SSW 2	10	10	3.6
17	55.39	55.82	23.7	25.6	91	91	SE 2	SSW 2	10	10	1.6	58.28	57.28	24	29.5	96	77	ENE 1	NNE 2	10	8	.9
18	55.95	55.15	24.5	30	92	74	S 1	SSW 3	10	6	.5	57.89	56.95	22.5	30	94	75	SE 1	SSW 2	2	8	27.4
19	56.36	55.49	24.9	30	87	71	SE 2	S 3	10	4	.5	57.22	57.38	23.5	28.5	96	80	E 1	SW 3	10	10	65.8
20	56.62	56.20	24.4	30	92	75	SE 1	SW 2	4	10	10.3	56.32	55.04	24.4	28.2	97	86	SSE 2	SSW 2	10	10	94.8
21	56.76	56.32	23.5	30.2	96	74	Calm	S 3	5	5	20.1	55.45	54.42	23	24.4	95	88	N 3	SW 5	10	10	294.6
22	55.94	54.99	24.3	29	93	78	SSE 1	S 3	5	10	1	55.64	55.41	22.9	27	96	84	Calm	S 2	10	10	83.4
23	54.56	54.16	24.3	29.4	89	75	SSE 2	S 1	10	10	1.7	56.69	56.84	26.5	28.6	91	80	SSW 3	SSW 3	10	10	38
24	54.05	54.42	24.2	26.6	93	87	SSE 2	SSW 3	10	10	94.8	57.74	58.05	25	27	97	88	SSE 2	SW 3	10	10	64.2
25	54.50	54.19	24.4	27.5	97	82	SW 2	SSW 4	10	10	91.9	57.39	56.36	26	30.2	92	73	S 2	SSW 3	10	10	7.3
26	54.55	54.92	24.9	27	92	86	SW 3	SW 3	10	10	67.6	55.16	54.07	27.8	29	74	71	SW 4	SW 4	10	10	16.2
27	56.23	56.84	24.9	24.9	97	97	SSE 3	E 1	10	10	57.2	53.29	53.37	26.5	27.8	88	82	SW 4	SW 4	10	10	59.7
28	58.42	58.31	25	31	95	69	Calm	SSE 2	10	7	------	54.85	55.31	25	28.8	87	79	SW 3	SW 3	10	10	19.5
29	59.19	58.16	23	30.5	91	70	ESE 1	SSW 2	5	4	------	57.10	57.07	27	30	84	75	SSW 3	SW 3	10	10	23.5
30	59.02	58.07	24	30	91	70	SE 1	SSW 2	10	10	------	57	56.84	26	26.5	92	92	SSW 1	SW 4	10	10	53.1
31	58.45	57.76	23.5	30.5	92	74	SE 1	SSW 3	8	10	------	55.50	54.96	26.5	29	92	81	SW 2	WSW 3	10	10	32.6
Mean	56.10	55.92	25	28.7	92.1	80.2	1.7	2.5	9.3	9.2	------	56.47	56.06	24.5	28.8	93.5	78.8	1.4	2.4	8.4	9.7	------
Total	------	------	------	------	------	------	------	------	------	------	958	------	------	------	------	------	------	------	------	------	------	1,149.3

The rainfall on June 20 in the "Monthly Bulletin" should be 67.6 mm. instead of 67.8 mm.

IBA.

[ϕ=15° 20′ N ; λ=119° 58′ E ; barometer above sea, 4.8 meters ; gravity correction not applied, −1.69 mm.]

Day.	SEPTEMBER.											OCTOBER.											
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	54.78	53.86	26.8	30	90	78	SW 2	SW 2	10	10	59.7	59.21	58.43	22.5	30.1	96	68	SE 1	NW 2	10	4	-----
2	54.60	54.17	26	29.5	92	81	SW 1	SW 2	10	10	67	59.02	58.39	21.6	30	99	73	Calm	NW 3	2	2	-----
3	54.29	53.94	25	25	97	97	WSW 1	ESE 2	10	10	296.1	59.66	58.79	23.6	31.5	97	66	Calm	SSW 2	10	9	4.6
4	54.63	54.29	23.3	24.5	97	97	SE 2	SSE 1	10	10	136.9	59.65	58.62	23.5	30.9	96	67	ESE 1	NW 1	9	8	9.5
5	54.96	53.80	24.3	25.6	97	97	WSW 1	ESE 1	10	10	123.4	60.30	59.55	22.8	29.8	97	71	Calm	NNW 1	2	6	-----
6	52.77	53.24	25	27.4	96	84	SW 1	SW 2	10	10	47.4	60.37	59.65	22.4	30.6	95	68	Calm	WNW 2	2	6	-----
7	53.67	54.08	27	27	84	84	SW 2	W 2	10	10	146.3	59.99	59.35	22.2	31.4	96	65	Calm	W 2	1	5	-----
8	54.13	54.12	24.3	26	97	95	Calm	S 1	10	10	86.3	60.91	60.12	22.2	31.5	96	64	Calm	SW 1	2	3	-----
9	54.69	54.49	23.5	28.7	97	82	Calm	SSW 2	10	10	6.3	60.54	59.39	22.9	32	97	66	Calm	SW 2	1	5	25.1
10	55.62	55.94	24.7	26.6	97	91	Calm	W 1	7	10	8.8	60.57	59.20	23.5	31.9	92	61	Calm	WSW 2	5	4	-----
11	56.92	56.51	25.4	27	97	88	Calm	SSW 2	10	10	89.6	59.71	58.67	21.1	29.5	95	72	Calm	N 2	3	8	-----
12	56.95	56.80	23.7	24.5	98	94	NE 2	SSE 1	10	10	36.4	59.84	58.08	23.8	31	93	68	Calm	WSW 1	2	4	-----
13	56.93	56.59	23	26	96	88	SE 1	S 2	10	10	1	60.38	59.17	24.2	30.8	96	61	Calm	NW 2	7	3	4
14	57.41	57.50	22	29.8	98	73	Calm	SW 2	7	4	-----	61.20	59.95	24	30.9	88	62	Calm	NNW 2	8	4	-----
15	58.72	58.35	23	29.5	95	72	SE 1	SSW 2	8	3	-----	60.99	59.47	22.5	30.7	96	62	Calm	N 2	3	7	-----
16	58.19	57.71	23	30.2	96	70	Calm	SW 2	10	4	-----	60.27	59.31	22.2	31.2	92	57	Calm	NNW 3	2	3	-----
17	57.72	56.72	23.8	30	97	71	ENE 1	SSW 2	10	10	-----	61.24	60.26	21.2	31.3	95	60	Calm	NNW 3	1	6	-----
18	58.27	58.02	22.3	31	97	71	Calm	SSW 2	9	4	-----	61.09	59.91	21.8	31.9	90	58	Calm	WNW 2	1	4	-----
19	59.36	58.85	23	30.6	96	68	Calm	SW 2	8	2	-----	60.66	59.87	23.7	29.7	94	72	Calm	NNW 2	9	9	.2
20	59.88	59.04	23	30.5	96	72	Calm	WNW 2	5	6	-----	60.47	60.06	23.2	24.7	97	97	ESE 1	NNE 2	7	9	6.9
21	59.38	58.90	22.5	25.5	96	88	ENE 1	NE 2	4	9	.3	61.54	60.67	23.5	32.2	85	69	SSE 2	WSW 2	2	7	-----
22	58.43	57.65	22.3	31	97	72	E 1	NW 2	4	5	3.1	61.57	60.45	21.2	31.5	95	54	ESE 1	SSE 1	2	4	-----
23	57.63	56.67	21.8	31.4	97	70	Calm	WNW 2	2	2	-----	60.91	60.06	21.7	31.6	90	66	SE 1	NNE 2	1	1	-----
24	56.28	55.70	22.7	30.6	97	70	E 1	SSW 3	10	2	-----	61.91	60.06	22.4	31	85	63	NNE 1	NNW 2	2	3	-----
25	56.62	55.54	24.5	31	87	69	SE 2	SSW 3	10	7	2.3	61.57	60.31	21.6	32	86	69	ESE 1	W 1	2	1	-----
26	57.59	55.95	25	29.5	93	75	SSE 2	SW 3	10	4	.3	61.39	59.50	20	32	92	56	Calm	NW 1	1	5	-----
27	57.04	56.72	23.3	27.9	93	79	SE 2	S 3	10	10	6.6	60.58	59	20	30.1	94	62	Calm	SW 1	3	7	-----
28	56.98	56.82	23.5	25	96	95	SE 1	NE 1	9	10	79.5	61.23	59.91	23.5	31.8	92	68	Calm	NW 1	8	3	-----
29	57.23	56.98	24.4	25.7	97	93	S 1	NW 1	10	10	155.2	61.26	59.55	21.2	32.8	94	51	Calm	WSW 1	1	1	-----
30	58.60	58.77	23.4	23.5	97	98	SE 2	ENE 1	10	10	54.7	61.11	58.90	19.5	30.9	89	54	ESE 1	NW 1	3	6	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	61.22	59.77	19.7	31.1	89	56	E 1	NW 1	3	3	-----
Mean	56.68	56.26	23.8	28	95.3	82.1	0.9	1.9	8.8	7.7	-----	60.66	59.50	22.2	30.9	93.2	64.7	0.4	1.7	3.7	4.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,407.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	50.3

Day.	NOVEMBER.											DECEMBER.											
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.54	60.52	22.6	31.2	88	60	Calm	WNW 1	4	6	-----	60.15	58.75	23.8	30.5	85	65	E 1	NW 2	3	7	-----
2	61.06	60.10	23.2	31.2	88	61	Calm	NW 2	4	6	-----	60.72	59.07	23.4	31.2	81	60	ENE 1	NW 2	8	4	-----
3	60.22	58.71	21.5	31.4	93	53	Calm	WNW 2	1	3	-----	59.88	58.60	24.8	31.6	80	60	Calm	WNW 2	5	4	-----
4	60.60	59.14	21.5	31.2	91	61	Calm	WNW 1	0	1	-----	59.46	58.75	21.6	31.5	95	65	SE 1	WNW 2	2	4	-----
5	60.41	59.29	20	31.2	97	57	Calm	NNW 1	0	2	-----	58.94	58.05	22	31.5	93	63	Calm	WNW 1	1	5	8.1
6	59.52	58.59	20.7	31.2	94	61	Calm	WNW 1	1	3	-----	59.52	58.45	22.7	31.2	97	67	Calm	WNW 1	5	4	-----
7	59.52	58.22	20	31	95	62	Calm	WNW 2	0	4	6.4	59.76	58.17	21.8	30.8	95	65	Calm	NW 2	1	1	-----
8	58.81	57.61	20.7	31.5	96	59	ENE 1	NW 2	1	4	-----	59.33	58.03	21.5	30.6	94	65	Calm	NNW 1	3	6	-----
9	59.24	58.62	21.1	31.2	94	66	Calm	WNW 2	1	3	-----	59.71	58.44	24.2	31.5	74	56	ESE 1	NW 2	4	1	-----
10	59.45	57.94	21	31.3	95	62	Calm	SSW 2	1	2	-----	60.09	58.11	22.1	31.1	81	58	Calm	NW 2	1	5	-----
11	59.42	57.37	22.2	30.6	92	65	NE 1	NW 2	1	2	-----	60.13	58	25	32.4	77	54	SE 1	NW 1	7	3	-----
12	59.13	57.62	24.3	33.6	77	47	SE 2	ESE 2	4	5	-----	59.48	58.03	24.2	30.5	79	62	Calm	NW 1	8	6	-----
13	58.92	57.77	24.2	33	78	52	SE 1	SE 2	5	5	-----	59.70	58.42	22.2	30.2	91	66	ESE 1	WNW 1	5	7	.3
14	59.81	58.12	20.4	30.7	91	67	Calm	NNW 2	1	2	-----	60.37	59	24.6	30.1	75	60	ESE 1	SW 1	8	8	-----
15	58.82	58.03	23.2	30	88	64	SE 1	NNW 2	2	6	-----	59.49	59.15	22.4	28.8	95	73	Calm	NW 1	4	7	.3
16	59.26	57.21	20.6	32	92	49	Calm	NNW 1	0	4	-----	61.31	60.25	21.4	30.2	95	66	Calm	W 1	3	7	-----
17	58.59	57.78	22.8	31.1	86	63	ENE 2	NW 2	4	3	-----	61.61	60.56	22.5	30.5	91	65	Calm	NW 1	1	6	-----
18	58.54	57.83	20.9	31.5	95	56	NE 1	WNW 2	5	1	-----	61.68	60.62	20.3	30	97	71	Calm	NW 1	1	3	-----
19	59.98	58.50	19.1	30.9	95	59	NNE 1	NW 2	4	2	-----	60.52	59.92	21.5	30	95	68	Calm	NNW 1	5	4	-----
20	60.39	59	20.7	31	95	65	NW 1	WNW 2	0	2	-----	60.59	59.41	20.7	30.7	91	59	Calm	WNW 1	3	4	-----
21	60.36	58.85	21.2	31.9	95	65	Calm	NW 2	1	3	-----	60.54	58.59	19.9	30.3	95	68	Calm	NNW 2	3	3	-----
22	60.17	58.51	21.4	31.8	95	63	NE 1	WNW 2	3	4	-----	59.97	58.32	20.9	30.2	96	65	Calm	SW 1	4	3	-----
23	60.07	58.86	21.4	30.9	94	62	Calm	W 2	2	3	-----	60.48	59.09	19.7	31.2	96	62	Calm	NW 2	3	2	-----
24	60.73	58.39	21	31.3	95	68	Calm	WNW 3	2	3	-----	60.85	59.40	21.8	30	90	60	Calm	NW 2	3	4	-----
25	59.24	58.25	21	31.4	96	62	Calm	W 2	1	3	-----	61.60	60.57	23.8	31.3	86	52	SE 1	SSW 2	4	8	-----
26	60.56	58.70	21.5	31	95	65	Calm	NNW 2	4	8	-----	62.34	60.39	19.4	30.7	96	57	Calm	W 1	1	1	-----
27	60.10	60.04	24.2	30.8	84	67	Calm	NNW 2	7	8	-----	62.18	60.55	18.5	30.3	92	58	Calm	NW 1	0	1	-----
28	59.85	58.17	26	30.2	67	61	SE 1	W 2	7	10	-----	62.26	60.60	18.1	30.2	93	54	Calm	WNW 2	1	4	-----
29	59.15	58.46	21.5	31	91	58	Calm	WNW 2	6	7	-----	61.39	59.38	18.5	29.4	92	63	Calm	NW 2	4	6	-----
30	60.06	58.60	21.8	30.3	93	63	ENE 1	NW 2	6	6	-----	60.07	59.05	19.2	30	95	59	Calm	WNW 2	3	6	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.99	60.28	19	30	96	67	Calm	NW 2	1	4	-----
Mean	59.78	58.49	21.7	31.2	90.8	60.8	0.5	1.9	2.6	4	-----	60.49	59.16	21.7	30.6	89.9	62.4	0.3	1.5	3.4	4.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.7

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.92	63.10	21.3	29.7	88	57	Calm	Calm	3	3	------	60.51	59.48	22.4	29.7	87	60	Calm	NNW 1	2	1	------
2	64.04	62.57	20.1	30.5	93	60	Calm	NNW 1	0	3	------	60.16	59.43	23	29.1	90	67	Calm	NW 1	2	2	------
3	63.74	63.07	20.1	29.5	94	58	Calm	Calm	0	1	------	60.96	59.73	22	30.1	91	59	Calm	NNW 1	1	1	------
4	63.39	62.26	21.2	29.5	88	55	Calm	WNW 1	9	5	------	60.66	59.73	20.8	28.3	94	68	Calm	Calm	1	9	------
5	64.05	62.27	21.8	30	85	59	Calm	Calm	8	1	------	60.69	60.27	21	30.6	92	55	Calm	Calm	1	3	------
6	63.44	62.67	21	30.6	92	65	Calm	NNW 1	1	1	------	61.23	60.48	21.4	29.3	87	66	Calm	NNW 1	6	1	------
7	63.92	62.95	21.8	30.8	75	57	Calm	N 2	1	1	------	60.60	59.25	20.5	31.1	91	48	Calm	Calm	1	2	------
8	64.36	64.04	18.1	26.5	(a)	-----	Calm	Calm	0	7	------	61.32	60.86	23.4	29.9	78	61	Calm	NNW 1	2	5	------
9	65.47	64.75	18	28.8	-----	-----	Calm	WNW 1	3	4	------	61.80	60.95	19.5	29	88	63	Calm	NNW 1	1	1	------
10	65.25	64.61	18.9	26.9	-----	-----	Calm	NNW 1	6	3	------	61.94	61.03	20.1	29	94	66	Calm	NW 1	1	3	------
11	63.98	62.86	17.1	27.4	-----	53	Calm	Calm	0	2	------	62.65	61.86	19.5	30	90	56	Calm	NNW 3	0	1	------
12	62.74	61.81	17.5	27.4	85	67	Calm	NNW 1	0	1	------	63.10	62.34	19	28.7	86	58	Calm	NNW 1	0	1	------
13	62.23	61.42	17.1	28.5	94	74	Calm	Calm	0	1	------	63.22	62.52	17.9	28	91	64	Calm	NW 1	0	1	------
14	62	61.27	20	30.1	89	56	Calm	N 1	2	1	------	63.07	62	18.7	28.4	88	64	Calm	Calm	1	3	------
15	62.25	61.38	22.3	29.9	81	54	Calm	Calm	3	1	------	62.53	61.38	19.2	29.1	87	53	Calm	Calm	1	2	------
16	62.57	61.86	19.7	29.8	92	59	Calm	NNW 1	1	2	------	62.14	61.51	18.9	31.9	86	44	Calm	NW 1	0	1	------
17	62.82	61.82	19	27.1	93	72	Calm	Calm	1	7	------	62.55	61.38	18.1	29.4	84	62	Calm	NNW 1	0	3	------
18	62.99	61.48	20.6	29.1	90	66	Calm	NNW 1	7	5	------	61.84	61.68	24	28.5	76	64	Calm	NW 1	10	7	------
19	61.56	60.89	23.1	28.2	76	64	Calm	Calm	8	1	------	61.78	61.47	21.8	29.6	87	59	Calm	NW 1	10	4	------
20	61.54	60.07	20.1	29.1	94	61	Calm	NNW 1	1	1	------	61.27	61.85	19.4	29.8	88	52	Calm	Calm	1	8	------
21	60.87	60.12	19.1	28.5	93	63	Calm	NNW 1	1	2	------	60.66	60.63	24	29	78	59	Calm	Calm	10	10	------
22	61.42	60.87	19.7	29	92	66	Calm	Calm	2	2	------	60.01	59.73	20.5	30.4	90	48	Calm	Calm	1	5	------
23	61.63	61.01	20	28.1	91	70	Calm	NW 2	1	8	------	60.72	60.94	20.4	30.1	82	50	Calm	NW 1	0	1	------
24	62.05	61.89	20	28.5	91	63	Calm	NW 1	2	2	------	60.98	60.75	18.5	29.4	85	58	Calm	Calm	0	1	------
25	61.01	60.21	23.4	28	88	67	Calm	NW 1	10	3	------	60.80	60.50	18.4	29.5	91	56	Calm	NW 1	1	1	------
26	61.07	60.80	18.5	28.5	90	62	Calm	Calm	1	3	------	61.48	60.81	19	28.7	89	61	Calm	NW 1	1	7	------
27	62.57	60.68	18.5	28.3	91	68	Calm	NW 1	0	3	------	62.07	61.41	19.9	30.6	89	51	Calm	NNW 1	1	6	------
28	61.33	60.11	19.6	28.1	92	68	Calm	NW 1	7	5	------	62.57	62.16	23.5	29.5	79	63	Calm	NNW 1	10	1	------
29	60.93	59.96	22.1	29.2	78	57	Calm	NNW 1	1	3	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	60.74	59.92	24.1	28.6	83	60	Calm	Calm	10	5	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	60.96	59.78	23.6	29.1	80	60	Calm	Calm	5	10	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	62.61	61.69	20.2	28.8	87.1	62.2	0	0.6	3	3.1	------	61.55	60.93	20.5	29.5	87.1	58.4	0	0.8	2.3	3.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.88	62.37	20.1	30.4	91	61	Calm	N 1	1	1	------	58.52	57.90	25	32.4	80	59	Calm	N 1	1	1	------
2	62.68	61.78	21	30.9	93	59	Calm	N 1	0	1	------	59.28	58.67	22.5	31.9	92	57	Calm	NNW 1	1	1	------
3	62.94	61.21	20.6	30.1	91	64	Calm	NNE 1	1	2	------	59.40	59.26	24	32.5	91	56	Calm	Calm	1	0	------
4	60.39	59.26	20.8	29.7	88	62	Calm	NNE 1	0	1	------	59.54	58.87	23.1	32.7	90	62	Calm	NNW 1	0	1	------
5	58.79	57.32	21.3	31.6	90	58	Calm	N 1	0	1	------	59.80	58.50	24.4	32.4	89	64	Calm	Calm	1	2	------
6	57.58	56.31	21.4	33.5	87	53	Calm	WNW 1	1	6	------	59.82	58.17	23.1	33.4	90	54	Calm	Calm	1	2	------
7	58.25	57.46	25.1	32.7	86	61	Calm	N 1	10	2	------	60.61	58.06	23.8	32	85	63	Calm	NNW 1	4	3	------
8	58.12	57.14	24.8	33.5	92	54	Calm	NNW 1	2	2	------	59.56	59.09	24.5	32.6	87	65	Calm	NNW 2	1	3	------
9	58.28	57.65	23.1	31.9	89	61	Calm	N 1	0	2	------	60.75	60.20	24.9	33.1	83	51	Calm	Calm	1	2	------
10	59.02	58.12	25.5	33	86	52	Calm	W 1	6	1	------	60.83	60.16	24.6	33.5	85	48	Calm	WSW 1	1	3	------
11	58.48	58.01	23.2	31.3	90	60	Calm	NW 1	9	2	------	59.80	58.26	23.6	33.5	82	50	Calm	Calm	1	1	------
12	59.20	59.27	25.5	31.9	88	57	Calm	WNW 1	10	2	------	58.81	58.26	25.6	32.5	82	58	Calm	Calm	2	2	------
13	59.66	59.59	23.1	31	90	66	Calm	NW 1	1	1	------	59.45	58.48	23.8	33.1	85	58	Calm	Calm	0	2	------
14	60.93	60.01	23.9	31.6	94	61	Calm	N 2	3	0	------	59.20	59.32	23.4	32.9	88	58	Calm	NNW 1	1	1	------
15	61.41	60.42	23.1	31.1	90	57	Calm	Calm	2	8	------	60	59.91	23.6	31.8	86	60	Calm	N 1	1	1	------
16	60.33	59.67	23.2	31.2	90	60	Calm	NNW 1	2	1	------	60.45	58.59	23.5	32.4	88	60	Calm	Calm	0	1	------
17	61.91	61.40	24.4	32.6	88	49	Calm	N 1	1	4	------	59	57.74	23	32.7	88	62	Calm	NNW 1	1	1	------
18	63.45	62.49	23.6	31.6	90	65	Calm	N 2	4	4	1.5	58.42	57.63	24.5	33.7	82	56	Calm	NW 1	1	2	------
19	63.08	61.14	25.1	31.6	80	60	Calm	Calm	8	2	3.8	59.32	58.09	25.1	34.4	86	49	Calm	Calm	2	1	------
20	60.66	59.06	24.4	30.9	93	63	Calm	WSW 1	10	3	------	60.70	60.24	26.7	33.5	83	63	Calm	NNW 1	2	2	------
21	59.36	58.79	23.5	30.8	92	63	Calm	WNW 1	3	2	------	61.30	59.81	26.5	34.1	83	61	Calm	NNW 1	1	2	3
22	60.16	58.75	23.1	30.9	85	61	Calm	WNW 1	1	1	------	60.11	58.55	24	33.1	96	57	Calm	N 1	2	3	------
23	60.48	58.71	22.1	32.6	90	57	Calm	WNW 1	1	1	------	59.05	58.61	24.5	33	91	61	Calm	NNW 1	1	8	------
24	59.62	59.31	23.9	32.5	88	53	Calm	Calm	1	1	------	58.48	58.43	24.5	34.1	87	58	Calm	WNW 1	1	2	------
25	59.88	59.39	23	32	91	54	Calm	WSW 1	1	1	------	59.07	58.16	25.1	34	88	59	Calm	Calm	1	2	------
26	59.52	59.36	23.5	32.1	84	51	Calm	NW 1	1	2	------	59.46	57.68	25.4	35.5	84	52	Calm	NW 1	0	1	------
27	60.43	59.59	21.5	31.8	82	53	Calm	NW 1	0	1	------	59.57	58.70	26.4	35.4	81	38	Calm	Calm	1	2	------
28	60.62	59.64	22.4	31	82	53	Calm	N 1	0	0	------	58.76	57.75	26.6	34	77	59	Calm	WNW 1	0	4	------
29	61.02	59.16	21.7	32.5	87	56	Calm	NW 1	0	1	------	58.01	57.04	26.8	33.6	71	53	Calm	Calm	3	2	------
30	60.12	59	21.9	31.1	88	62	Calm	Calm	1	1	------	58.68	57.83	25.1	35.4	76	45	Calm	Calm	1	2	------
31	58.39	57.23	22.6	31.4	89	65	Calm	Calm	0	1	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	60.25	59.31	23	31.6	88.5	58.4	0	0.9	2.6	1.9	------	59.52	58.60	24.6	33.3	85.2	56.5	0	0.6	1.1	2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3

(a) The wet thermometer was broken on January 8.

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.97	57.63	26.5	35.1	76	44	Calm	WNW 1	1	2	13.2
2	60.16	59.45	26.8	33.3	78	54	Calm	Calm	8	2	------
3	59.77	58.74	27	33.6	74	57	Calm	NW 1	7	2	------
4	58.77	58.40	26.6	34	74	45	Calm	Calm	5	6	------
5	57.31	55.75	26.5	34.6	76	55	Calm	WNW 1	0	4	3.8
6	57.51	56.49	25.5	34.6	84	48	Calm	Calm	8	2	------
7	58.22	57.92	24.5	32.5	87	63	Calm	WNW 1	1	3	------
8	58.20	57.19	26	35	89	44	Calm	WNW 1	0	2	------
9	57.37	55.95	26	33.5	89	60	Calm	NW 1	3	3	------
10	55.67	54.21	26	34.4	81	56	Calm	NW 1	1	2	1.5
11	56.17	55.64	24.5	33.9	92	58	Calm	Calm	7	8	1
12	57.67	57.43	26.3	34.1	85	56	Calm	NW 1	8	3	------
13	58.07	57.97	26	34	87	52	Calm	Calm	1	2	------
14	58.21	56.83	25.5	35.8	80	46	Calm	WNW 1	1	3	------
15	58.77	57.02	27	35.4	72	45	Calm	W 1	1	3	------
16	58.10	56.48	28	33.1	77	61	Calm	NW 1	1	5	------
17	58.45	56.30	26.8	33.9	80	57	Calm	WNW 1	3	5	------
18	58.22	57.22	27	32.9	74	61	Calm	NW 1	2	7	------
19	57.95	56.35	27.1	32.5	74	65	Calm	WNW 1	2	8	59.7
20	57.63	56.90	24.5	31.6	91	70	Calm	Calm	1	8	19.6
21	58.59	58.54	26.5	30.6	92	72	Calm	Calm	10	9	12.4
22	59.95	58.61	24.7	31.5	97	68	Calm	Calm	3	8	------
23	60.02	58.26	25.6	33.5	87	56	Calm	Calm	2	2	5.8
24	59.29	57.04	24.4	32.5	95	66	Calm	WNW 1	1	3	2.5
25	58.38	56.94	25.1	32.6	94	65	Calm	Calm	2	3	------
26	58.30	56.85	26.5	33	85	62	Calm	Calm	7	4	------
27	57.09	55.66	24.5	33.1	91	60	Calm	Calm	2	2	1.3
28	55.13	53.87	25.7	33.4	86	61	Calm	Calm	1	4	------
29	55.53	53.62	26.3	32.3	90	69	Calm	Calm	1	3	16
30	55.07	53.23	25.8	33.5	91	61	Calm	Calm	1	2	.5
31	54.31	52.24	25.4	33	93	61	Calm	N 1	8	8	13.2
Mean	57.83	56.60	26	33.4	84.5	58	0	0.5	3.2	4.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	150.5

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	51.74	51.96	25	26.7	94	94	Calm	Calm	10	10	112.9
2	53.04	53.30	25.9	30.6	85	70	Calm	SSW 1	10	10	14.2
3	54.43	54.36	23.1	30.3	96	73	Calm	Calm	9	7	2.5
4	55.29	54.99	25	27.1	83	78	SSE 1	Calm	10	10	45
5	56.37	56.94	24.6	26.5	90	83	SE 2	Calm	10	10	43.7
6	58.48	58.11	26	32.2	79	68	Calm	SSE 1	10	4	------
7	58.65	58.16	23.5	32.4	96	60	Calm	Calm	5	4	------
8	58.15	57.96	24.7	32.6	97	69	Calm	NW 1	4	4	------
9	58.23	57.74	24.9	32.5	92	67	Calm	NW 1	1	3	------
10	57.83	58.66	23.9	31.8	94	69	Calm	Calm	1	2	------
11	58.48	58.26	25.1	32.1	83	62	Calm	WNW 1	1	1	------
12	58.09	57.44	25.8	32.6	93	69	Calm	NW 1	5	1	-----
13	57.61	56.94	24.6	32.9	92	64	Calm	NW 1	2	6	------
14	58.01	57.84	26.9	31.7	91	65	Calm	Calm	4	8	19.6
15	58.33	57.52	24	32.1	97	67	Calm	Calm	1	3	-----
16	57.48	56.59	23.6	33	95	65	Calm	NW 1	1	2	-----
17	57.02	56.44	24.6	32.7	92	65	Calm	NNW 1	2	4	-----
18	56.66	55.75	25.5	31.5	93	72	Calm	Calm	1	9	.3
19	54.31	51.28	25	27.3	92	87	Calm	Calm	10	10	103.7
20	54.24	54.37	22	28.6	82	73	SSE 5	SSE 1	10	10	2.6
21	57.07	57.28	24.5	29.3	91	79	SSE 1	SSE 1	10	10	------
22	57.47	56.93	24.7	31	94	72	Calm	Calm	10	10	18.3
23	58.15	57.46	23.8	31.6	97	67	Calm	NW 1	9	8	.3
24	58	56.73	24.8	31	97	69	Calm	SSE 1	7	10	------
25	57.92	56.56	23.7	31	97	72	Calm	Calm	1	9	------
26	57.67	56.32	24.6	31.5	95	69	Calm	WNW 1	1	2	------
27	56.61	55.25	25.5	30.9	91	72	Calm	WNW 1	8	9	------
28	54.63	53.36	25	31.8	97	67	Calm	NW 1	8	7	------
29	53.87	53.58	23	32.7	96	59	Calm	NW 1	4	3	------
30	54.75	54.02	24.1	29.3	87	81	Calm	Calm	3	9	13.2
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.62	56.07	24.6	30.9	91.9	70.9	0.3	0.6	5.6	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	376.3

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	54.25	54.02	25.5	32	88	72	Calm	SSE 2	9	7	9.4
2	55.82	55.61	24	31.5	95	65	Calm	Calm	2	7	4.1
3	56.05	55.21	25.2	30.4	95	74	Calm	SSW 1	7	10	9.9
4	55.29	54.63	24.2	30.5	93	78	Calm	S 1	4	7	9.1
5	54.80	53.87	24.6	26.9	92	80	Calm	S 2	8	9	19.9
6	53.88	52.14	24.7	25.5	91	94	Calm	Calm	10	10	51.6
7	51.12	50.80	24.5	26.1	96	94	S 1	S 1	10	10	136.9
8	52.27	54.89	24.5	22.8	96	97	SSW 1	SSW 1	10	10	133.6
9	54.97	55.43	26.4	28.5	81	81	S 1	SE 2	10	10	6.4
10	56.10	55.61	26.5	31.2	83	75	Calm	SW 1	7	6	19.5
11	55.88	55.61	27	29.3	95	84	Calm	Calm	10	10	27.4
12	55.29	54.93	26	30.4	95	85?	Calm	Calm	10	10	53.9
13	55.85	55.78	25.1	27	60?	87	Calm	SW 1	10	10	29.7
14	56.29	56.57	26.1	31.9	88	69	SW 1	S 1	10	10	.5
15	57.05	56.07	25.1	30.1	91	75	SSW 1	SW 1	10	7	2.5
16	56.63	55.21	24	31.3	95	68	Calm	SW 1	10	6	62.2
17	54.57	54.17	24.1	31.1	94	74	Calm	SSW 1	7	3	17
18	55.05	54.56	24	31	95	75	Calm	Calm	1	8	44.7
19	55.82	54.98	24.8	30.2	97	78	Calm	S 1	7	8	16.6
20	56.22	55.50	24.8	31.2	93	72	Calm	Calm	9	7	4.6
21	56.13	55.87	24.3	31.5	97	66	Calm	W 1	8	7	4.8
22	55.82	54.51	24.1	31.5	94	69	Calm	Calm	2	6	43.7
23	53.84	53.25	23.6	31.5	98	73	Calm	WSW 1	1	4	7.1
24	53.04	53.19	25	32.5	95	68	Calm	SSW 2	5	7	13
25	53.18	52.77	25.5	27	86	90	Calm	W 5	3	10	40.2
26	53	54.03	24.6	27.2	90	87	SSW 1	Calm	10	10	127.5
27	55.38	56.80	23.9	23.1	91	95	Calm	Calm	10	10	60
28	57.45	57.87	23	31.6	93	66	Calm	SW 1	8	7	------
29	58.43	57.53	24.1	31.1	96	70	Calm	WSW 1	8	8	------
30	58.12	57.60	25	30.6	95	74	Calm	SW 1	10	10	------
31	57.70	56.87	24	32	95	72	Calm	SSW 2	2	6	10.2
Mean	55.33	55.03	24.8	29.6	91.7	77.6	0.2	1	7.4	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	966

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.33	57.64	23.5	30.5	99	71	Calm	WSW 1	3	7	1.3
2	58.66	57.37	23.6	31.9	98	70	Calm	NW 2	1	4	------
3	57.44	56.51	24.1	31.2	99	71	Calm	NW 2	1	2	------
4	56.69	56.61	23.9	31.5	96	70	Calm	WNW 1	1	4	28.4
5	56.58	56.71	24.4	31.2	85	66	Calm	WNW 1	1	3	------
6	57.09	56.67	23.5	31.9	96	68	Calm	NW 2	1	5	------
7	57.20	56.76	24	30.5	97	75	Calm	Calm	1	6	------
8	56.60	55.57	24.4	30.6	97	74	Calm	WSW 1	1	8	7.6
9	56.70	55.35	23	31.6	95	65	Calm	W 1	6	4	1
10	56.59	54.31	23.4	30.9	97	71	Calm	WNW 1	1	2	6.1
11	53.87	52.64	23.9	31	94	75	Calm	WNW 1	9	8	8.7
12	52.61	51.91	24.9	30	96	78	Calm	WNW 1	10	10	16.8
13	52.20	51.88	25	26.8	96	95	Calm	Calm	10	10	57.2
14	53.34	54.31	26.4?	26.4	79?	92	S 2	S 3	10	10	2.8
15	54.82	56.84	26	24.4	84	97	SSE 3	S 2	5	10	28.2
16	56.25	56.20	24	32.5	87	63	SSW 1	SSW 1	4	6	7.1
17	58.02	56.77	24.5	31.8	96	66	Calm	W 1	9	4	------
18	56.84	56.55	23.5	31.3	92	70	Calm	WSW 1	1	4	20.8
19	56.44	55.90	24.1	28.2	99	87	Calm	W 1	9	9	14.2
20	55.64	54.15	24.2	26.6	98	90	Calm	Calm	10	10	176
21	53.98	53.57	24.8	25.1	85	98	SSW 2	SSW 1	10	10	126
22	54.30	54.43	24.5	26.5	94	88	S 2	S 1	10	10	100.1
23	55.74	55.80	23.5	28.2	94	83	S 1	SSW 2	10	9	45
24	56.58	56.70	26 ?	26.5	85?	90	SSE 2	SE 2	10	10	38.1
25	56.34	55.63	25	30.4	92	78	SSE 1	SSW 2	10	10	37.3
26	53.73	52.65	25.8	26.6	92	90	S 2	S 1	10	10	143.5
27	51.75	52	22.9	24.8	99	97	SW 4	S 3	10	10	120.6
28	53.20	53.98	24.6	28.1	98	88	SSW 2	SW 1	10	10	50.6
29	55.88	56.49	24.3	25.1	94	96	SSE 1	SW 1	10	10	44.5
30	56.03	55.55	24.4	28.5	97	88	Calm	SW 1	10	10	36
31	54.53	54.19	26	29.1	95	84	SSW 1	WSW 1	10	10	30.7
Mean	55.61	55.21	24.4	29	93.7	80.5	0.8	1.3	6.6	7.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,148.6

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	53.64	53.54	25.7	26.5	89	91	SSE 2	SSW 1	9	10	44.2	58.40	58.22	23.1	30.4	95	70	Calm	Calm	10	7	------
2	53.59	53.50	25.5	26.1	93	91	S 1	S 1	10	10	132.5	58.29	58.07	23	30.9	95	69	Calm	NNW 1	3	3	------
3	53.69	53.24	24.4	27.6	92	91	Calm	Calm	10	10	51.4	58.78	58.56	23.8	30.9	97	72	Calm	NW 2	4	4	------
4	54.01	53.12	23.6	29	95	81	SSE 1	SSW 1	10	10	60.2	59.02	58.03	23.5	31	96	69	Calm	NW 1	3	3	------
5	53.42	53.05	24.1	27.5	98	88	Calm	SSW 1	10	10	36.8	59.97	58.71	24.2	30.5	94	65	Calm	Calm	9	8	------
6	51.27	51.76	24.4	27.5	98	87	Calm	SSE 1	10	10	21.8	60.13	59.12	23.5	30.6	94	68	Calm	W 1	4	1	------
7	52.67	53.28	25.4	29.6	92	81	Calm	SSW 1	8	9	------	59.57	58.83	22.9	31	93	62	Calm	WSW 1	1	2	------
8	53.51	52.44	23.8	31.5	97	75	Calm	SSW 1	6	4	------	60.37	59.67	23.5	30.9	96	69	Calm	W 2	0	1	------
9	53.68	53.58	24.7	30.5	91	76	Calm	WSW 1	9	3	4.5	60.12	58.83	24.9	31.8	88	63	SE 1	NW 1	1	1	------
10	54.84	54.76	25.5	31.7	83	66	SSE 1	SW 1	7	2	23.6	59.87	58.83	23.5	31.7	96	64	Calm	NW 1	1	1	------
11	55.63	55.36	25.1	29.2	91	79	SSE 1	SSW 1	6	8	40.9	59.31	58.21	23.4	31.4	95	65	Calm	W 2	6	2	------
12	56.35	55.40	24	28.6	96	76	SSE 1	Calm	10	10	16.5	59.23	57.43	24.1	31.5	91	68	Calm	W 1	3	2	8.4
13	56.09	55.17	23.3	30.8	97	68	Calm	WNW 1	1	3	------	59.61	58.78	24	30.9	96	66	Calm	NW 2	8	2	------
14	56.62	56.69	24.4	30.1	91	73	SE 1	WSW 2	6	7	------	60.64	59.46	23.5	31.1	92	62	SE 1	NW 1	4	1	------
15	57.75	57.48	24.6	30.2	90	74	S 1	SW 2	3	4	19.3	60.32	59.07	23	29.7	93	63	SE 1	SW 2	2	5	------
16	57.43	57.33	25	27.3	98	88	S 1	ESE 1	10	10	1.8	59.72	59.23	23	31.1	96	65	Calm	WSW 2	3	3	------
17	56.95	56.50	23.6	28	98	80	Calm	Calm	9	9	33.3	60.78	59.98	22.6	31.4	97	69	Calm	WNW 3	2	1	------
18	57.46	57.31	24.1	30.8	94	73	S 1	W 1	7	3	------	60.68	59.75	22.4	31.5	95	63	Calm	NW 2	1	2	------
19	58.49	58.15	23.6	31.1	98	71	Calm	W 1	1	2	------	60.20	59.43	25	29.9	94	72	Calm	W 1	7	8	------
20	59.21	58.53	23.4	31.5	98	70	Calm	WNW 1	1	2	------	59.79	59.18	22.8	31.8	96	62	Calm	WSW 1	7	3	------
21	58.84	58.50	23.5	31.2	99	71	Calm	WNW 2	1	4	------	61.01	60.35	23.4	31.1	97	73	Calm	W 2	4	4	------
22	57.94	56.96	22.9	31.5	97	72	Calm	WSW 1	1	2	11.4	61.06	60.17	22	30	96	69	Calm	W 1	2	6	------
23	57.21	55.80	22.8	31.3	97	66	Calm	NNW 1	1	1	------	60.61	60.01	22.6	31.3	92	59	Calm	WNW 2	1	1	------
24	55.57	54.76	24.2	31.5	97	66	Calm	SSW 1	9	4	------	62.04	59.98	21.4	31.6	91	56	SE 1	W 2	1	1	------
25	55.78	55.43	25.1	28.1	94	88	Calm	Calm	8	10	4.1	61.41	60.37	21	30.7	94	64	Calm	W 1	0	1	------
26	56.94	55.52	24.8	31.2	93	75	Calm	WNW 1	4	2	30.5	60.94	59.98	21.3	29.5	93	68	Calm	W 1	1	8	------
27	56.48	55.76	23.9	30.4	94	73	Calm	WSW 1	3	4	7.1	60.37	57.43	23	31.5	96	70	Calm	NNW 2	2	3	14
28	56.54	55.57	23.5	30.4	100	72	Calm	WSW 1	2	4	5.8	60.87	59.67	23.6	30.5	97	68	Calm	WSW 1	10	5	------
29	56.34	55.43	24.5	28.5	96	77	Calm	SSW 1	8	9	3.8	60.82	59.41	23	31.6	95	59	Calm	WSW 1	2	1	------
30	57.43	57.52	24.4	25	91	92	SSE 1	SSE 1	9	10	46.2	60.54	59.32	21.5	30.4	95	66	Calm	NW 2	5	4	------
31	------	------	------	------	------	------	------	------	------	------	------	60.94	60.17	21.1	30.5	97	66	Calm	NW 2	1	3	------
Mean	55.85	55.38	24.3	29.5	94.6	77.7	0.4	1	6.3	6.2	------	60.17	59.17	23	30.9	94.6	65.9	0.1	1.4	3.5	3.1	------
Total	------	------	------	------	------	------	------	------	------	------	595.7	------	------	------	------	------	------	------	------	------	------	22.4

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.22	60.46	22.5	31.5	96	66	Calm	WSW 2	3	6	------	60.07	58.60	23	31.8	96	58	Calm	NW 1	1	2	------
2	60.93	59.85	22.5	31.1	96	65	Calm	NW 2	1	2	------	60.49	58.88	21.2	31.5	94	63	Calm	NW 2	2	2	------
3	59.88	58.57	21.4	31	95	63	Calm	W 2	0	1	------	59.82	58.66	22.1	31.8	94	62	Calm	NW 2	2	2	------
4	60.16	58.68	22.5	30.9	91	69	SE 1	NW 3	1	1	------	59.32	58.53	22.5	31	92	59	Calm	NW 2	2	2	------
5	60	59.32	20.6	31	94	65	Calm	NW 3	0	1	------	58.66	57.85	22.2	31.5	94	62	Calm	NNW 2	2	2	------
6	58.83	58.35	21.5	31	95	63	Calm	NW 2	0	2	------	59.56	58.40	23.3	30.4	93	70	Calm	NW 1	3	2	------
7	59.09	58.18	21.6	30.6	95	67	Calm	WNW 2	0	3	3.8	59.28	58.12	22.6	30.8	95	67	Calm	NW 1	2	2	------
8	58.72	57.45	20.5	31.4	95	61	Calm	NW 2	0	2	------	59.28	57.93	22.4	31.1	93	66	Calm	NW 1	3	3	------
9	59.04	58.48	21.3	31.4	95	66	Calm	NW 3	2	1	------	59.53	58.42	23.7	30	92	71	Calm	W 2	9	4	------
10	59.06	57.85	21.9	31	96	60	Calm	NW 1	4	2	------	59.63	58.32	22.5	31	92	67	Calm	NW 2	2	3	------
11	59.26	57.32	23	31.2	91	65	S 1	NW 2	8	3	------	59.62	58.35	24.2	30.6	91	65	Calm	NW 2	10	3	------
12	58.78	57.69	22	31	96	67	Calm	NW 2	1	3	------	59.12	58.19	22.2	29.2	95	70	Calm	NW 3	8	6	------
13	58.54	57.38	23.4	32.5	91	60	Calm	NNW 2	3	3	------	59.41	58.45	24.5	30.2	89	69	Calm	NNW 3	6	7	------
14	59.67	58.21	22.4	30.6	92	70	Calm	NW 1	1	5	1.3	59.82	58.70	24	29.4	91	68	Calm	NNW 2	9	9	------
15	58.76	57.74	25	30.5	87	62	Calm	WSW 1	8	1	------	59.37	58.58	22.5	31.4	94	60	Calm	NW 2	4	5	------
16	58.83	57.16	22.4	31.4	93	63	Calm	W 2	1	2	------	60.66	60.13	24	31	88	64	SE 1	WNW 2	5	3	------
17	58.41	57.80	21.6	30.6	95	68	Calm	WSW 2	1	1	------	61.07	60.31	23	31.4	90	59	Calm	NW 1	3	3	------
18	58.49	57.58	22	31.5	92	59	Calm	SW 2	1	1	------	61.02	60.48	22.3	30	94	73	Calm	NW 2	3	3	------
19	59.46	58.28	21	31.1	92	61	Calm	W 2	1	1	------	59.83	59.50	23.1	30	95	71	Calm	NW 3	3	2	------
20	59.98	58.96	21.5	31.5	95	63	Calm	WNW 2	1	1	------	60.16	59.55	21.4	30.5	92	65	SE 1	NW 4	0	2	------
21	60.08	58.85	22	30.9	96	60	Calm	NNE 3	2	1	------	60.07	58.46	20.2	30	94	69	Calm	NW 3	1	2	------
22	59.63	58.42	21.9	30.7	96	68	ESE 1	W 2	2	2	------	59.57	57.79	21.4	30.1	93	69	Calm	NW 1	3	4	------
23	59.73	58.45	23.2	31	96	65	Calm	W 1	2	1	------	59.66	59.10	23.9	30.1	89	55	Calm	NW 4	4	2	------
24	60.03	58.43	22.8	31.5	97	68	Calm	NW 3	3	2	------	60.33	59.33	22.4	31.3	88	58	Calm	W 2	1	3	------
25	59.01	58.18	22.9	30.8	94	69	Calm	NW 2	3	1	------	61.24	60.45	24.4	30.7	85	61	Calm	SW 1	8	5	------
26	60.19	58.66	22.5	30.5	96	72	Calm	NW 2	3	5	------	61.76	60.48	23.3	30	94	61	Calm	W 2	1	2	------
27	60.29	58.92	22.8	30.5	93	68	Calm	W 1	4	6	------	61.72	60.53	22.2	30.1	93	61	Calm	NW 3	2	1	------
28	60	58.27	25	29.5	92	70	Calm	WSW 1	9	8	------	61.85	60.82	20	29.9	91	65	Calm	N 2	2	2	------
29	59.18	58.62	23	30.3	95	66	Calm	W 2	8	4	------	60.96	59.23	22	29.6	88	61	Calm	NW 2	2	3	------
30	60.04	58.68	22.2	31	95	68	Calm	WSW 1	1	2	------	59.81	58.68	21.7	30.3	88	59	Calm	SW 2	3	2	------
31	------	------	------	------	------	------	------	------	------	------	------	60.78	60.02	19.8	30.4	92	65	Calm	NW 3	1	2	------
Mean	59.51	58.36	22.3	31	94.1	65.2	0.1	1.9	2.5	2.5	------	60.11	59.06	22.5	30.6	91.9	64.3	0.1	2.1	3.5	3.1	------
Total	------	------	------	------	------	------	------	------	------	------	5.1	------	------	------	------	------	------	------	------	------	------	0

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

JANUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	66.45	64.44	17.8	25	94	74	NE 1	NE 1	10	6	0.3
2	66.06	64.23	19.6	25.3	98	74	NE 1	NNE 1	10	9	------
3	66.51	65.58	19	25.1	98	70	Calm	E 1	9	9	------
4	66.02	64.01	19.4	25.1	89	71	Calm	NE 1	9	9	------
5	64.63	61.90	18.9	29.4	95	59	NEbyE 0	Calm	8	3	------
6	63.65	61.59	18.9	30.4	94	56	Calm	ENE 1	7	1	1.8
7	64.24	62.49	20.6	28.6	94	54	Calm	NE 1	9	4	2
8	65.83	66.81	18.7	20.4	96	84	NNW 2	NbyE 3	10	10	1.5
9	69.58	67.62	16.4	21.8	96	70	Calm	NE 2	10	10	------
10	67.48	65.41	15.5	25.4	98	58	Calm	NE 1	7	4	------
11	65.18	62.82	14.1	26.3	97	53	SSE 1	Calm	2	1	.5
12	64	62.35	18.9	26.3	96	64	Calm	ENE 1	10	5	------
13	63.17	61.15	19.4	29.1	97	60	Calm	E 1	9	7	------
14	62.64	61.45	20	30.1	95	56	SW 0	NE 1	9	4	------
15	63.50	62.39	18.4	27.3	96	64	Calm	NNE 1	1	9	.5
16	63.88	62.98	20.9	23.5	95	87	Calm	NE 1	10	10	4.4
17	64.18	62.25	20.1	27.9	97	60	NE 0	Calm	9	7	------
18	63.46	60.85	16.9	29.5	95	52	S 1	E 1	1	2	------
19	61.90	59.14	18.1	30.2	95	53	Calm	E 1	1	3	------
20	61.55	59.91	20	28.1	94	61	S 1	ENE 1	10	4	.8
21	61.94	60.78	20.3	26	94	75	Calm	NNE 2	10	7	1.1
22	62.89	61.81	19.9	25.8	94	67	Calm	NE 1	10	9	------
23	63.38	62.13	19.9	24.9	94	70	Calm	NNE 2	4	9	------
24	63.15	60.94	18.9	28.4	96	55	Calm	Calm	4	3	------
25	61.59	60.41	20	27.6	94	61	SW 1	ENE 2	9	3	------
26	62.28	60.96	20.1	28.4	93	56	Calm	Calm	9	7	------
27	62.88	60.84	19.9	29.4	95	49	SE 1	S 1	1	7	.8
28	62.59	60.57	20.4	26.5	95	66	Calm	Calm	10	9	------
29	61.65	59.74	19.8	29.4	96	59	Calm	NNE 1	3	4	------
30	61.40	-----	21.4	-----	95	-----	Calm	--------	10	-----	4.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	63.92	62.33	19.1	26.9	95.2	63.4	0.3	1	7.4	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	18[a]

FEBRUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	-----	58.32	-----	30.7	-----	54	--------	ESE 1	-----	2	3
2	60.85	59.43	21.4	28.9	95	63	Calm	E 1	9	4	------
3	62.58	61.62	20.3	25.7	93	70	NNE 1	E 1	10	9	.8
4	62.40	60.80	20.4	26.5	96	70	Calm	S 0	10	9	------
5	61.31	60.10	21.6	29.4	92	65	S 0	E 1	9	7	------
6	61.19	59.72	18.9	30.3	95	52	Calm	E 1	1	1	.8
7	61.43	59.64	21.7	29.3	85	59	N 1	E 1	9	6	------
8	60.70	59.32	17.4	31.1	95	49	Calm	SE 0	3	4	------
9	62.08	62.37	21.6	23.1	93	90	Calm	NNE 2	10	10	3.8
10	63.65	62.17	18.4	25.9	96	65	NNE 1	NE 0	10	9	.5
11	62.98	62.10	18.5	27.7	98	60	Calm	S 1	8	4	------
12	63.51	62.30	18.4	28.2	96	49	Calm	NEbyE 2	9	4	------
13	64.74	63.46	19	25	95	64	NE 1	E 1	10	9	------
14	64.41	62.92	18.8	26.5	97	60	Calm	E 1	10	8	------
15	63.59	62.10	18.6	27	97	63	Calm	E 1	10	8	------
16	63.89	61.96	18.4	25.7	92	57	S 1	E 2	2	7	------
17	63.04	61.23	17.7	28.9	93	56	E 1	SE 1	7	9	------
18	62.09	60.43	19.5	29.9	95	44	Calm	ESE 0	9	4	------
19	62.18	60.44	17.4	31.1	96	44	Calm	Calm	2	0	------
20	61.46	59.88	15.5	30.9	95	45	Calm	SE 2	0	2	------
21	61.15	59.58	15	30	94	52	Calm	E 1	0	5	------
22	60.69	58.40	17.4	29.9	93	45	S 1	ESE 1	0	5	------
23	61.09	58.18	18	32	96	43	S 0	E 0	4	0	------
24	61.57	59.90	20.6	28.9	86	52	Calm	EbyN 1	9	3	------
25	61.25	59.52	20	30.1	91	53	E 1	E 1	9	3	------
26	61.57	61.34	21.4	27	87	65	Calm	ENE 1	10	9	------
27	63.10	62.83	20.8	24	94	84	ENE 1	NE 1	10	10	.8
28	63.18	61.69	17.7	31.1	97	46	SSE 1	SE 1	0	4	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.28	60.78	19.1	28.4	93.8	57.8	0.4	0.9	6.7	5.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	9.7

MARCH.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	63.17	61.08	16.7	32.9	94	45	Calm	NE 1	3	4	0.8
2	63.37	61.72	20.7	31.1	94	49	Calm	NE 1	3	4	------
3	62.82	61.18	19.2	30.1	96	49	Calm	NNE 1	2	4	------
4	60.88	58.11	18.2	32.9	93	43	Calm	E 2	1	0	------
5	59.06	56.84	19.8	33.5	93	47	S 1	E 2	0	4	------
6	58.44	56.10	22.3	33.4	91	51	S 1	SE 1	9	6	------
7	58.34	56.71	23	32.9	91	55	Calm	ENE 1	4	8	------
8	59.03	56.75	21.8	33.3	93	46	Calm	E 1	1	4	------
9	58.47	56.96	22.4	34	90	38	Calm	E 0	1	1	------
10	59.10	57.40	19.9	34.6	86	33	SbyE 1	E 2	2	1	------
11	58.41	56.90	18.5	35.1	85	29	Calm	ENE 1	1	0	------
12	59.06	57.74	18.9	34.7	88	34	ESE 0	ENE 1	1	0	------
13	60.06	58.26	19.9	34.9	86	37	S 1	NE 1	3	1	------
14	60.71	58.99	22.5	32.3	87	47	SSE 1	SE 1	9	3	.3
15	62.28	61.13	22.3	28.5	96	61	NE 1	NNE 2	10	9	1
16	62.27	60.55	21.5	30.3	95	52	NNW 1	N 1	10	8	.8
17	62.53	60.97	20.5	33.4	95	40	Calm	NE 1	9	3	------
18	63.45	61.70	19	33.6	94	42	SE 1	NNE 1	0	3	------
19	63.97	60.07	20.2	33.8	96	37	SbyE 1	E 1	1	3	------
20	61.13	57.75	21	33.5	95	36	SE 1	E 1	7	2	------
21	59.68	57.41	23	34.4	91	41	Calm	SE 2	10	3	------
22	59.66	57.50	21.5	34.4	81	39	Calm	SE 1	9	1	------
23	60.06	57.82	19.9	34.5	86	34	Calm	EbyN 1	1	1	------
24	60.34	58.20	18.8	35.5	86	27	S 1	NE 1	2	1	------
25	60.68	58.64	20.5	33.9	91	36	S 0	NbyE 1	2	1	------
26	60.77	59.17	19.4	33.9	89	33	Calm	N 2	4	3	------
27	61.99	58.97	18.3	33.8	92	34	S 1	NWbyW 1	7	2	------
28	62.22	59.35	18.1	33.5	94	36	SSE 1	N 1	1	2	------
29	61.08	58.57	19	33.8	94	36	Calm	ENE 1	1	1	------
30	60.05	57.53	21.9	34.4	88	41	Calm	ENE 2	9	0	------
31	58.83	56.08	24	34.8	87	41	Calm	NE 1	9	1	------
Mean	60.71	58.59	20.4	33.4	90.9	40.9	0.4	1.2	4.3	2.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	2.9

APRIL.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.07	56.76	21.4	36.6	84	29	Calm	SSW 1	0	0	------
2	59.59	57.52	19.3	35.9	90	30	SbyE 1	EbyN 1	0	0	------
3	60	58.03	17.9	36.5	87	32	S 1	ESE 1	0	1	------
4	60.15	58.32	22.4	34.5	92	46	Calm	ESE 0	1	2	------
5	60.64	58.24	23.5	32.1	82	55	Calm	E 1	9	8	19.8
6	59.72	57.72	22.9	31.5	96	59	Calm	E 1	10	4	4.6
7	59.70	57.32	22.5	32.5	97	54	Calm	NNW 1	9	5	13
8	60.61	59.22	23.4	32.9	97	52	Calm	NE 1	9	5	.8
9	62.44	61.45	22.5	28.9	92	60	NbyE 0	NE 2	10	9	------
10	62.56	60.67	22.3	29.8	88	54	Calm	NNE 1	9	9	------
11	60.57	57.20	22.4	33.8	91	40	NE 0	ESE 1	9	4	1.3
12	58.74	56.80	22.7	33.6	93	47	Calm	NE 1	9	4	3
13	58.68	57.15	22.5	33.4	92	48	Calm	SSW 1	9	2	------
14	59.57	57.44	24.6	34.1	91	48	SW 1	N 1	9	2	------
15	60.61	58.55	23.8	33.9	91	46	Calm	NE 1	9	2	9.4
16	60.42	57.38	23.4	33.1	96	53	Calm	NW 0	7	1	------
17	59.54	56.35	24.2	33.4	91	48	Calm	N 1	8	2	------
18	59.11	57.27	24	34.2	95	45	SbyW 0	SEbyE 1	10	1	------
19	59.70	58.02	23.2	34.1	92	50	Calm	SSW 1	2	2	------
20	61.24	59.55	21.3	33.9	93	46	Calm	E 1	0	8	------
21	62.07	59.47	23.3	35.2	92	46	SSW 0	SE 0	1	3	------
22	60.91	57.99	21.8	37	92	38	ESE 0	ESE 1	8	7	------
23	59.63	56.51	23.3	37	88	34	Calm	S 1	0	2	12.2
24	58.98	57.11	24.8	36.9	91	42	SW 0	SE 1	9	2	------
25	59.27	57.09	22.8	36.9	87	36	SE 0	ENE 1	0	2	------
26	60.10	57.35	23.4	36.7	89	34	Calm	SW 1	2	1	------
27	60.16	57.32	20.6	36.9	91	32	Calm	WSW 1	0	3	------
28	59.36	56.07	22.7	36.6	88	34	SW 1	NE 1	0	1	------
29	58.96	56.38	23.2	35.9	90	35	Calm	ENE 1	1	2	------
30	59.42	57.02	21.8	36.3	91	30	SEbyS 1	SE 1	0	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.05	57.78	22.6	34.5	91	43.4	0.2	0.9	5	3.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	64.1

The barometric readings of this station seem to be too low by about 1 mm.

[a] 30 days of observation.

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Relative humidity. 6 a.m.	Relative humidity. 2 p.m.	Wind, direction and force (0-12). 6 a.m.	Wind, direction and force (0-12). 2 p.m.	Cloudiness. 6 a.m.	Cloudiness. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.41	57.72	20.9	34.4	86	42	Calm	E 1	0	3	------
2	60.58	58.13	21.9	37.1	86	36	SSW 0	E 1	0	3	------
3	60.50	57.86	22.9	35	86	41	SSW 1	E 1	2	4	------
4	60	56.96	22.5	34.4	89	39	Calm	NE 1	0	5	------
5	58.41	54.97	22.5	36	85	37	SSE 1	S 1	0	4	------
6	58.22	55.20	23.9	37.3	87	32	S 0	SSE 1	9	4	0.3
7	59.25	57.09	23.5	36.4	94	35	SSW 1	WNW 1	9	3	------
8	59.30	56.37	23.4	35.8	83	32	SSE 1	S 1	3	8	------
9	57.46	54.35	23.3	35.8	89	43	Calm	EbyS 1	0	6	30.7
10	56.12	52.93	23.3	36.4	97	47	NW 1	N 1	10	8	45.5
11	56.63	55.02	23.4	34	95	53	Calm	E 1	8	9	.3
12	58.23	56.67	24.1	35.1	94	37	SbyE 0	E 1	1	2	------
13	58.57	57.01	23.9	35.7	88	42	S 0	EbyN 1	0	2	------
14	58.98	57.16	23.4	36	88	39	S 1	E 1	0	4	------
15	59.03	56.59	23.3	36.5	84	40	S 1	SSW 1	0	1	.3
16	58.79	55.85	25.4	35.8	80	40	SbyW 1	ESE 1	2	2	------
17	59.05	55.79	24.5	35.3	77	40	S 1	E 1	9	2	------
18	58.85	56.20	23.7	36	88	39	Calm	SE 1	3	4	.8
19	58.57	55.45	23.9	35.6	88	44	Calm	ESE 1	2	5	------
20	58.05	55.19	25.4	36.6	88	38	Calm	ESE 2	5	2	16.5
21	58.52	56.67	25	36.1	88	41	SE 1	S 0	8	4	------
22	60.49	57.68	24.5	36.1	87	42	S 1	NNW 1	8	7	------
23	59.91	56.51	23.7	36.8	85	39	SEbyS 1	ESE 1	0	1	------
24	58.78	55.82	24	36.1	78	42	S 1	NNE 1	7	2	------
25	57.77	56.36	24	36.5	91	41	Calm	NbyE 1	5	4	------
26	59	55.84	24.9	36.8	87	42	S 0	W 1	7	5	------
27	57.49	54.51	24.3	34.4	93	50	S 1	SEbyS 1	0	2	1
28	55.75	52.33	23.9	36.9	87	39	S 0	NE 1	9	3	------
29	55.02	52.54	24.4	35.9	97	42	SSW 1	W 1	4	4	------
30	55.49	52.73	25.8	35.5	88	43	SSE 0	SSW 1	3	3	------
31	54.69	51.03	26.2	32.9	85	53	Calm	NbyE 2	9	10	------
Mean	58.32	55.63	23.9	35.8	87.7	41	0.5	1	4	4.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	95.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Relative humidity. 6 a.m.	Relative humidity. 2 p.m.	Wind, direction and force (0-12). 6 a.m.	Wind, direction and force (0-12). 2 p.m.	Cloudiness. 6 a.m.	Cloudiness. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	49.37	49.69	25.5	31.4	93	57	Calm	SSW 2	10	10	0.8
2	52.31	51.16	25	33.4	94	50	Calm	SSE 2	9	9	------
3	53.90	52.93	25	32.7	87	54	Calm	SSW 2	10	9	2.8
4	55.88	54.46	24.6	32.5	95	46	Calm	SW 1	9	10	------
5	54.89	55.15	25.9	32.3	77	47	SSW 1	SW 2	8	9	------
6	58.02	55.96	24.4	36.9	75	36	SW 1	SW 1	8	7	------
7	58.66	56.34	25	36.6	88	39	Calm	S 1	7	6	------
8	58.45	56.20	25.4	37.1	84	39	S 1	ENE 1	8	4	------
9	58.19	56.09	24.8	38.1	83	29	S 1	SW 1	0	5	------
10	58.09	57.04	25.1	37.9	89	36	Calm	NE 1	0	5	------
11	58.78	55.82	25.5	37.2	78	39	SW 1	SW 1	9	3	4.1
12	57.60	55.61	25.5	37.4	92	33	E 1	W 1	2	3	------
13	58.04	55.28	25.2	37.3	83	34	SSE 1	WNW 1	1	2	.3
14	58.24	56.15	23.9	37.6	87	53	S 1	SSW 1	7	6	------
15	58.77	55.96	22.6	36.4	94	37	Calm	ENE 1	6	2	------
16	58.39	54.86	24.3	35.9	88	42	Calm	NE 1	1	6	------
17	57.07	55.19	24	36.4	88	39	Calm	Calm	4	5	6.1
18	57.48	55.81	23.9	35.2	91	44	Calm	EbyN 1	2	8	19.8
19	55.29	52.16	24	23.9	94	97	NE 1	NNE 2	10	10	28.2
20	53.91	54.23	25.5?	29.9	67?	62	S 2	SSE 1	10	9	------
21	57.31	56.10	24	33.8	90	49	calm	SSW 1	10	8	------
22	58.12	56.92	24.4	31.3	95	66	ESE 1	ENE 1	10	10	------
23	59.02	57.41	23.9	32.5	97	60	SSW 1	SSW 1	8	8	1
24	58.56	56.37	24.2	29.3	95	75	SW 1	WSW 1	7	6	6.1
25	57.39	55.94	22.3	34	92	50	SW 1	S 0	3	9	------
26	57.61	55.17	23.2	34.5	90	43	SSW 1	SW 1	2	6	------
27	56.31	53.74	25.1	31.8	88	57	Calm	Calm	9	9	------
28	53.91	51.80	25.5	34.4	86	46	Calm	NEbyE 1	9	8	------
29	53	50.98	23.1	35.4	92	40	Calm	Calm	8	8	------
30	53.13	50.99	22.9	36.2	86	39	S 1	WSW 0	9	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.52	54.72	24.5	34.3	87.9	47.3	0.6	1	6.5	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	69.2

JULY.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Relative humidity. 6 a.m.	Relative humidity. 2 p.m.	Wind, direction and force (0-12). 6 a.m.	Wind, direction and force (0-12). 2 p.m.	Cloudiness. 6 a.m.	Cloudiness. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.39	51.99	24.4	36.1	91	38	Calm	W 1	9	8	------
2	56.01	53.80	25.6	35.1	94	47	SE 0	ESE 1	6	9	------
3	56.26	53.53	25.2	36.3	90	46	Calm	ENE 1	9	6	6.6
4	55.26	52.85	24.7	33.9	93	49	Calm	ENE 1	10	4	2.5
5	53.51	51.71	25	34.1	94	52	Calm	NE 0	10	4	5.3
6	51.95	49.84	23.9	31.6	95	64	SW 1	WNW 1	7	9	------
7	49.28	47.41	25.5	32.9	92	54	Calm	SSW 2	8	10	4.1
8	51.02	52.49	24.9	29.1	90	74	SW 1	SW 1	10	10	1
9	54.08	53.21	23.8	35.4	92	50	Calm	WNW 1	8	7	41.1
10	55.26	53.08	24.1	33.5	95	55	Calm	Calm	4	8	------
11	52.37	51.70	25	32.4	95	60	Calm	Calm	10	10	------
12	50.58	50.68	25.2	33.5	94	51	Calm	SSW 2	10	10	------
13	53.15	53.23	24.4	33.4	88	45	Calm	SW 1	8	10	------
14	55.41	54.25	25	35.2	87	46	Calm	SW 1	10	8	------
15	57.19	54.66	22.5	35.2	95	45	Calm	NE 1	4	4	124.2
16	57.33	54.65	23.9	32.9	97	63	Calm	NW 1	9	4	------
17	54.96	53.22	24.4	33.4	94	50	SW 1	Calm	7	2	------
18	55.26	53.75	23	33.9	91	53	Calm	SSW 1	0	2	------
19	55.91	54.03	24	33.9	91	53	SSW 1	S 0	1	3	------
20	56.21	54.65	24.8	33.9	92	48	Calm	Calm	3	6	------
21	56.80	54.67	23.8	33.7	91	51	Calm	S 1	2	5	.5
22	55.68	53.07	23.4	35.1	92	46	S 1	SW 1	1	1	------
23	54.06	51.28	24.7	34.9	90	48	Calm	Calm	8	4	6.4
24	52.94	51.23	24.8	34.3	95	57	SW 1	ENE 1	8	5	8.9
25	51.99	50.52	23.5	34.7	97	46	Calm	SW 2	4	6	.3
26	51.07	52.10	25.2	28.3	82	75	S 1	SSE 0	10	10	7.1
27	54.04	55.64	23.3	26.4	84	86	SW 1	SSW 1	6	10	1.3
28	55.61	55.37	22.5	35.6	95	44	SSW 1	W 1	9	4	.3
29	57.89	55.69	24	35.4	95	51	Calm	NW 1	9	7	20.6
30	58.38	56.89	22.8	29.4	97	71	Calm	Calm	10	9	------
31	58.21	56.03	22.3	34.2	92	34	SSW 1	S 1	3	3	------
Mean	54.58	53.14	24.2	33.5	92.3	53.3	0.3	0.8	6.9	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	230.2

AUGUST.

Day.	Pressure, 700 mm.+ 6 a.m.	Pressure, 700 mm.+ 2 p.m.	Temperature. 6 a.m.	Temperature. 2 p.m.	Relative humidity. 6 a.m.	Relative humidity. 2 p.m.	Wind, direction and force (0-12). 6 a.m.	Wind, direction and force (0-12). 2 p.m.	Cloudiness. 6 a.m.	Cloudiness. 2 p.m.	Rain, 24 hrs. beginning 6 a.m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.36	56.58	24.2	34	87	51	Calm	Calm	7	1	------
2	58.74	56.36	24	33.5	91	50	S 1	N 0	9	1	32.3
3	57.95	55.62	23.3	32.5	93	54	W 0	NE 0	8	2	------
4	56.68	55.10	23	34.4	95	49	SW 1	NE 0	1	1	2.3
5	56.83	55.13	22.9	33.9	91	46	S 0	NNE 0	1	1	------
6	57.32	55.55	24.4	33.9	91	50	Calm	W 1	9	2	------
7	57.75	55.54	25.2	34.3	91	50	Calm	WNW 1	8	3	------
8	56.93	55	23.5	34.4	94	54	Calm	Calm	1	8	9.1
9	56.77	54.48	23.5	33.6	99	58	W 1	NE 1	10	2	1
10	55.94	52.96	23.5	33.4	96	53	Calm	Calm	8	3	27.7
11	53.26	50.83	23.3	32.8	95	58	SW 0	NNW 1	9	9	------
12	51.48	49.82	23.4	29.8	97	73	Calm	NNE 1	10	10	------
13	48.16	48.59	24.1	32.3	95	65	Calm	EbyN 0	10	10	------
14	52.22	52.42	26.3	32.5	72	58	S 1	S 1	10	10	------
15	54.57	53.48	25.4	35.3	80	49	S 1	S 1	3	7	------
16	56.69	54.79	23.1	33.8	94	41	Calm	Calm	8	6	46.2
17	57.57	55.29	24.5	33.9	96	59	Calm	N 0	4	4	13
18	57.14	54.65	23.4	32.4	97	54	Calm	Calm	8	2	66.6
19	55.93	53.96	23.8	31.1	97	61	Calm	Calm	7	8	15.7
20	54.22	51.86	22.9	30.2	97	72	Calm	S 1	10	8	2.8
21	51.52	49.36	23.9	31.6	96	56	Calm	SW 2	10	9	.8
22	52.47	52.51	24.3	31.7	97	65	NE 1	SW 1	10	9	3.3
23	54.91	53.27	24.5	30	94	71	Calm	SSW 1	10	9	2.8
24	55.16	53.68	25	30.8	92	63	Calm	S 1	10	10	------
25	53.59	52.28	24.6	32.8	89	50	Calm	SW 1	10	9	------
26	51.64	50.10	24.3	30.9	84	57	WSW 0	SW 1	10	9	------
27	49.13	48.86	26.5	29.5	72	61	SW 1	SW 2	10	10	------
28	50.59	50.68	26.6	32.2	64	55	S 1	S 1	9	9	------
29	54.05	52.67	24	33.4	81	48	Calm	SSW 1	9	9	------
30	55.46	52.61	23.2	32.3	91	56	Calm	Calm	8	9	------
31	53.12	51.70	23.8	32.6	96	59	Calm	Calm	9	9	------
Mean	54.71	53.09	24.1	32.6	90.5	56.3	0.3	0.6	7.9	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	223.6

ECHAGÜE.

[φ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

Day.	SEPTEMBER.											OCTOBER.[a]										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	52.55	50.35	24.2	35.1	97	48	Calm	W 1	9	3	------	58.64	56.96	23.4	30.1	97	68	Calm	Calm	10	9	------
2	52.75	50.81	24.4	33.8	96	60	Calm	Calm	2	9	8.1	58.87	58.05	23.3	26.5	96	88	Calm	NNE 1	9	9	6.3
3	52.39	50.23	24.4	34.4	96	56	SW 1	ENE 0	9	7	25.1	59.55	58.13	23.8	30.4	96	71	Calm	Calm	10	8	10.7
4	52.51	50.66	23.8	33	97	65	Calm	NNE 1	9	8	50.8	59.72	58.38	23.3	29	97	74	Calm	S 1	9	6	3.3
5	52.55	50.63	23.5	30.7	98	67	SSW 0	Calm	9	9	3.8	60.48	58.46	21.9	32.1	96	59	Calm	SW 1	2	2	------
6	49.84	48.41	24.9	34	96	56	W 0	SSW 1	10	7	------	60.42	58.85	20.8	32.4	94	51	Calm	Calm	0	0	------
7	51.21	50.93	24	32.1	94	65	Calm	S 1	9	9	------	60.29	58.77	20.4	32.2	95	59	Calm	Calm	0	5	------
8	53.27	50.50	22.3	34.1	88	53	Calm	Calm	7	6	------	61.26	59.02	21.8	32.5	96	52	Calm	NW 1	7	0	------
9	52.45	50.55	22.6	33.8	90	53	SW 1	Calm	0	0	------	61.02	58.90	24.3	33.7	91	49	Calm	Calm	9	5	------
10	53.36	52	22.4	34.6	90	46	Calm	N 0	2	1	------	61.12	59.23	21.2	31.5	93	54	Calm	Calm	4	3	------
11	54.53	52.58	23.8	34.7	90	55	Calm	NE 0	4	5	------	59.61	58.04	23.3	26.8	94	88	Calm	Calm	9	8	15
12	55.26	53.62	24.8	31.8	96	65	Calm	NE 1	9	9	4.3	60.34	58.35	21.3	28	96	72	Calm	E 1	7	9	------
13	55.97	54.12	22.9	33.1	97	55	Calm	ENE 0	9	6	------	60.93	58.93	22.3	30.7	95	62	Calm	E 1	9	4	------
14	56.30	54.86	23.4	33.1	95	50	S 0	W 1	8	6	53.1	61.77	59.97	22	30.7	93	55	Calm	NE 1	2	3	------
15	57.80	55.96	23.4	32.3	95	59	Calm	WSW 0	9	8	4.6	61.46	59.44	22.8	29.1	93	64	Calm	E 1	9	9	------
16	57.10	54.97	24.4	32	96	60	Calm	NNE 1	10	4	1.3	61.26	59.73	21.6	29.3	97	64	Calm	NE 2	3	9	------
17	56.49	54.72	23.6	32	96	64	Calm	NNW 0	2	6	28.4	62.02	60.69	21.9	29.7	95	63	SE 1	E 0	8	9	------
18	57.54	55.46	23.1	32.1	97	64	Calm	N 0	8	3	23.1	62.16	60.59	21.3	27.9	94	67	Calm	ENE 1	9	9	------
19	58.74	56.53	22.8	32.2	97	58	Calm	W 1	8	3	9.7	61.21	59.43	21.8	30.4	96	62	Calm	E 1	9	9	------
20	59.24	57.52	22.1	32.5	97	62	E 1	Calm	10	3	14.7	60.82	59.58	23.3	30.2	96	67	Calm	NNE 1	8	9	1.8
21	59.55	57.36	22.8	31.7	96	61	Calm	Calm	2	2	------	62.23	60.67	20.9	31.9	95	51	Calm	Calm	0	1	------
22	58.52	57.84	24.2	28.2	95	80	Calm	NE 3	10	9	16.5	62.73	60.87	21.9	31.8	95	54	Calm	NE 1	7	1	------
23	58.10	55.09	22.3	31.2	96	70	Calm	E 1	9	8	2.3	62.23	60.64	20.3	30.9	94	50	S 1	Calm	1	3	------
24	55.56	54.66	22.8	31.1	96	69	S 0	S 1	10	9	11.2	63.01	61.39	20.9	29.8	94	63	Calm	Calm	2	4	1.3
25	56.73	55.08	23.9	32.3	97	63	SSW 1	E 1	9	5	18	63.15	61.38	19.1	28.7	94	66	Calm	NEbyE 2	1	8	8.6
26	57.38	54.51	22.5	32	96	55	SSE 1	Calm	2	1	------	62.18	60.06	22.5	27.1	98	82	Calm	NE 1	9	9	3.6
27	56.61	54.71	24.4	31.4	92	57	Calm	SSE 0	9	8	1	61.27	60.10	22.3	27.1	99	85	Calm	Calm	10	10	5.6
28	56.37	54.20	24.3	32.3	92	60	Calm	NE 1	9	7	------	61.97	60.54	23	29.1	97	67	Calm	ENE 1	5	7	------
29	55.51	53.19	23.4	33.4	96	58	Calm	NE 0	2	9	2	62.44	59.98	19.3	31.3	96	52	Calm	SW 1	1	0	------
30	56.68	55.08	23.4	32.6	97	55	Calm	WSW 1	4	7	2.5	62.19	60.23	19.8	29.7	90	63	SW 1	N 1	8	5	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	62.63	61.23	21.5	29.1	97	68	Calm	E 0	10	1	3.8
Mean	55.43	53.57	23.5	32.6	95	59.6	0.2	0.5	7	5.9	------	61.26	59.57	21.8	30	95.1	64.2	0.1	0.6	6	5.0	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	280.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	60

	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	63.12	61.12	22	29.5	96	64	Calm	Calm	6	6	------	61.13	59.62	23.3	30.3	97	66	Calm	SW 1	10	2	------
2	62.09	59.69	21.4	31.3	98	54	Calm	Calm	0	1	------	62.11	60.07	20.6	30.4	97	66	Calm	E 1	9	7	------
3	61.14	58.43	21	30.9	94	57	Calm	NNE 1	2	6	------	61.32	59.21	23	29.9	97	65	SW 0	Calm	9	9	------
4	60.72	58.12	19.8	32.9	93	48	S 1	ESE 1	0	0	------	60.30	58.34	23.1	32.5	98	58	Calm	ENE 1	10	1	------
5	60.44	58.62	20.1	31.8	88	53	SSE 1	E 1	0	1	------	59.32	57.68	21.3	31	96	61	Calm	S 0	2	3	------
6	60.21	58.41	22.1	30.6	94	60	Calm	E 1	9	8	------	59.92	58.37	20.9	31.3	94	58	Calm	E 0	3	8	------
7	60.21	58.42	19.5	30.5	94	63	SSW 1	ESE 1	4	9	37.6	60.68	58.67	21.6	31.6	97	48	Calm	NE 1	3	2	3.6
8	60.53	58.20	21.7	30.8	97	62	Calm	E 0	9	4	------	60.63	58.78	23.2	30	95	62	Calm	ENE 0	10	8	7.4
9	59.41	57.64	22	31.9	93	56	Calm	Calm	7	7	5.3	61.07	59.77	21.6	29.3	98	60	Calm	W 1	10	1	1
10	60.64	58.71	21.7	29.5	96	66	NE 0	Calm	10	1	.3	61.21	59.64	22	27.7	95	76	Calm	E 1	10	9	28.4
11	60.83	57.98	23	30.5	97	60	Calm	E 0	9	1	------	61.27	58.77	23	30.5	99	58	Calm	ENE 0	9	1	------
12	60.41	58.73	22.2	25.5	96	85	Calm	SSE 0	1	9	------	60.52	58.64	21.5	29.3	97	70	Calm	Calm	9	9	1.8
13	60.26	57.99	21.3	29.6	96	63	Calm	S 1	4	7	------	61.23	60.62	22.3	23.8	96	96	Calm	N 1	10	10	14.8
14	59.74	57.74	20.4	32.3	91	55	SSW 1	SE 1	9	4	------	62.03	60.16	20.7	25.9	96	83	Calm	NE 1	10	8	6.6
15	59.53	57.84	22.6	32.1	93	53	Calm	Calm	3	1	------	61.25	60.07	21.4	25.5	98	84	Calm	NE 1	10	10	1
16	59.90	57.53	19.5	31	93	58	SSW 1	Calm	1	1	------	62.04	60.64	22	28.9	98	74	Calm	E 1	9	7	------
17	59.03	57.23	21.6	32.9	96	53	Calm	ESE 0	4	1	------	61.64	59.69	21.3	31.6	95	56	SW 0	E 1	3	2	------
18	58.67	57.62	21.5	32	94	48	Calm	NNE 1	8	1	------	61.71	60.08	22.4	30.2	96	69	S 0	N 0	10	3	------
19	59.99	58.09	18.8	32.4	91	50	SSW 0	E 1	0	1	------	61.12	60.80	23.7	24.9	97	90	Calm	E 0	10	9	1.3
20	60.26	57.90	20	33.4	93	50	Calm	NNE 0	1	0	------	61.93	60.68	21.6	28.1	96	68	Calm	E 0	10	8	------
21	60.68	59.02	22.6	31.9	93	51	S 1	NE 1	8	1	------	61.42	58.60	21.2	30.5	92	62	S 0	SE 1	10	3	------
22	61.30	59.64	23.2	27.3	93	74	Calm	NNE 0	10	9	------	59.74	57.06	20.6	32.3	97	59	Calm	Calm	2	4	------
23	60.82	58.49	23.1	32	97	54	Calm	E 1	10	4	.5	60.33	59.33	23.5	30.2	96	64	Calm	E 1	10	3	.5
24	60.69	57.77	19.5	32.5	95	54	Calm	Calm	2	1	------	62.16	60.59	22.3	27.5	97	74	Calm	ENE 1	10	9	17.8
25	59.91	58.62	23	30.6	96	56	Calm	W 0	9	2	------	62.12	60.21	23.2	30.8	93	64	Calm	Calm	10	4	4.6
26	61.45	59.34	22.8	31.4	95	54	Calm	ENE 0	6	8	2.5	62.50	60.72	20	30.7	98	56	SSE 1	Calm	10	2	------
27	62.20	61.36	22.8	25	96	91	Calm	NNE 1	10	10	10.7	62.76	60.92	21.5	30.9	95	53	Calm	SW 0	10	1	------
28	62.04	59.76	22.2	26.6	97	83	NNE 0	NE 1	10	9	2.8	62.43	60.84	17.8	30.2	92	52	S 1	N 1	4	0	.5
29	60.74	59.87	21.5	23.7	98	69	Calm	ESE 0	8	9	------	62.42	60.38	21.6	25.2	95	82	Calm	N 0	10	5	1.5
30	61.02	59.95	22.4	26.7	98	79	Calm	ENE 2	10	10	1.5	60.64	59.60	20	29.1	95	60	Calm	Calm	7	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	61.09	59.78	19	30.9	95	53	Calm	Calm	2	1	------
Mean	60.60	58.66	21.5	30.5	94.7	60.8	0.2	0.5	5.7	4.4	------	61.29	59.62	21.7	29.4	96.2	66	0.1	0.5	8.1	4.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	61.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	90.8

[a] The rainfall on October 20 was involuntarily omitted in the "Monthly Bulletin."

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, −1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	64.61	63.19	23	28.4	63	62	NNE 1	W 2	10	9	------
2	64.64	62.26	23	29.5	71	63	NNE 1	NW 4	3	2	------
3	64.53	62.91	21.8	30	69	47	NNE 3	N 3	2	1	------
4	64.01	62.51	23	28	64	63	NNE 2	SW 1	10	3	------
5	64.66	62.50	23.2	28.5	78	64	Calm	WSW 1	8	1	------
6	63.87	62.79	22	28.6	84	66	Calm	WNW 1	2	1	------
7	64.95	63.26	20.2	27.5	80	60	NNW 1	NW 2	3	1	------
8	64.98	63.65	20.5	28.5	74	46	Calm	NNE 4	1	5	------
9	66.31	64.85	20	28	64	46	NNE 2	NNE 3	8	9	------
10	66.16	64.51	19.5	27.4	68	54	N 2	NNW 3	3	2	------
11	64.50	63.40	18.6	26	77	65	Calm	SW 1	2	1	------
12	63	61.97	18	27	80	65	Calm	SW 1	0	2	------
13	62.63	61.84	19	27.5	81	60	Calm	WNW 3	0	0	------
14	62.61	61.46	21.9	29	79	58	N 1	NNW 4	9	1	------
15	62.75	61.70	20.6	28	76	67	Calm	W 1	8	3	------
16	63.23	62.32	21.5	28.2	79	67	Calm	SW 1	3	4	------
17	63.17	61.95	22	27.7	81	64	Calm	SW 2	4	7	------
18	63.61	61.90	22	28	84	67	Calm	WSW 1	8	5	------
19	62.01	60.01	22.4	27.4	81	66	Calm	W 1	4	3	------
20	61.83	59.96	21.5	28	82	63	Calm	NNW 3	3	2	------
21	61.73	60.14	21.5	28	78	61	N 1	W 1	7	3	------
22	61.67	60.99	22.1	28	73	60	Calm	WNW 2	4	6	------
23	62.28	61.10	21.5	27.5	73	58	N 1	NNW 1	5	9	------
24	62.57	61.19	22.4	28	75	65	NNE 2	NNW 3	10	3	------
25	61.28	60.31	21	27.5	82	64	Calm	W 1	4	2	------
26	61.17	60.79	22	28.2	78	63	N 1	NW 3	3	2	------
27	63.12	61.10	20	27.5	81	66	Calm	NW 2	2	4	------
28	61.83	60.29	21.5	28.5	81	64	NNE 1	NW 2	7	6	------
29	61.42	60.29	22.3	28	79	68	Calm	WNW 1	7	6	------
30	61.28	60	23.5	28.6	83	70	Calm	WNW 2	10	3	------
31	61.63	60.08	23	28.4	80	64	Calm	W 1	1	9	------
Mean	63.16	61.78	21.4	28	76.7	61.8	0.6	2	4.9	3.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.90	59.95	23.1	28.5	78	67	Calm	NW 2	4	3	------
2	60.63	59.54	22.5	28.5	82	64	Calm	NW 1	0	2	------
3	61.44	59.89	23	29	74	61	N 1	WNW 1	3	1	------
4	61.21	59.86	22.6	28.6	78	63	Calm	W 1	9	8	------
5	61.09	60.44	22.5	28.8	82	62	Calm	WNW 2	3	2	------
6	61.63	60.54	21.2	29	84	69	Calm	NW 4	1	1	------
7	61.38	59.11	21.4	28	83	68	Calm	SSW 2	3	4	14
8	61.32	61.22	23.6	28	90	71	Calm	NW 3	6	5	------
9	62.20	61.16	20	27.5	86	67	Calm	WNW 1	2	1	------
10	62.62	60.94	21.7	28.6	74	61	NNE 1	W 1	6	4	------
11	63.04	61.84	21	28.5	83	68	N 1	NNW 4	0	0	------
12	63.63	62.41	18	26.5	88	68	Calm	NW 1	0	0	------
13	64.04	62.51	19	27.5	86	69	Calm	WNW 2	1	2	------
14	63.98	62.02	21.2	28	84	67	N 1	NW 3	4	3	------
15	63.03	61.54	21.5	28	88	76	Calm	WNW 2	8	3	------
16	62.59	61.76	21	28	91	68	Calm	NW 1	0	4	------
17	63.21	61.52	20.5	28	91	81	Calm	SW 2	1	2	------
18	62.56	61.84	22.7	28.5	92	83	Calm	SW 1	8	4	------
19	62.48	61.55	21.5	27.7	91	83	Calm	SW 1	3	7	------
20	62.90	61.15	20.4	27.7	95	80	NNE 1	SW 1	0	8	------
21	60.86	59.96	24.8	28.8	90	80	Calm	SW 2	10	10	------
22	60.75	59.96	21.5	28.1	92	79	Calm	SW 3	10	4	------
23	61.07	61.09	22	28.7	93	85	Calm	WNW 3	0	7	------
24	60.62	60.95	20.1	27.7	91	76	Calm	SW 2	0	1	------
25	61.42	60.81	19.5	27.6	95	81	Calm	SW 1	1	4	------
26	61.87	61.12	22	27.9	91	82	Calm	W 1	8	9	------
27	62.52	61.79	22	28.4	90	83	Calm	SW 1	9	8	------
28	62.96	62.43	23	28.7	95	83	Calm	NW 1	9	4	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	62.07	61.03	21.5	28.2	87	73	0.2	1.8	3.9	4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	14

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	63.41	62.51	22.2	29.5	96	82	Calm	NW 1	5	4	------
2	63.24	62.03	21	28.8	96	79	Calm	NW 1	2	2	------
3	62.77	61.16	22.5	29.5	96	77	Calm	WSW 1	3	2	------
4	61.16	59.50	22	29	96	82	Calm	SW 1	2	0	------
5	59.41	57.53	21	30	99	76	Calm	NW 1	0	0	------
6	58.28	56.70	22	30.1	97	81	Calm	W 1	2	7	------
7	58.91	57.77	25.8	30.7	93	85?	Calm	W 1	8	6	------
8	58.67	57.60	26.5	30.5	88	87?	Calm	W 1	8	6	------
9	58.79	58.15	25.5	30	85	71	Calm	SW 1	6	8	------
10	59.16	58.59	25.6	30.5	81	62	Calm	SW 1	9	2	------
11	58.93	58.29	24	30	80	69	Calm	SW 1	0	3	------
12	59.83	59.63	23.6	29.5	85	65	Calm	SW 1	5	2	------
13	60.88	59.72	24.5	30.6	79	68	Calm	W 1	8	3	------
14	61.61	59.76	24	30.3	83	61	Calm	NW 1	6	4	------
15	61.98	60.74	23.4	30	76	67	Calm	SSW 1	9	2	------
16	60.82	59.95	24.4	29.6	72	61	Calm	SW 1	4	1	------
17	62.55	62.07	24.6	30	79	61	Calm	SW 1	1	7	------
18	64.11	62.44	25	30.5	80	62	Calm	SW 3	4	2	------
19	63.36	61.30	26	29.8	80	66	Calm	SW 1	10	2	------
20	61.10	59.64	25	29.5	79	68	Calm	SW 1	9	1	------
21	59.82	59.03	25	30	83	61	Calm	W 1	9	3	------
22	59.90	59.06	23.5	30.2	76	66	Calm	NW 2	8	3	------
23	59.50	59.16	24	30.5	75	68	Calm	SW 1	4	2	------
24	60.24	59.66	23.6	30.4	79	66	Calm	NW 2	3	4	------
25	60.50	59.66	23.5	30	79	68	Calm	SSW 2	4	0	------
26	60.33	59.66	23.7	30.1	82	68	Calm	WSW 2	9	3	------
27	61	59.51	23.5	29.9	67	62	Calm	SW 1	4	3	------
28	61.41	59.97	23.1	30	78	62	Calm	WSW 2	2	2	------
29	61.63	59.84	23.8	30.4	81	63	Calm	NW 2	1	0	------
30	60.83	59.67	23.5	29.5	80	65	Calm	SW 1	3	0	------
31	59.12	57.61	23.8	30	81	65	Calm	SW 1	0	2	------
Mean	60.73	59.61	23.9	30	83.3	69.2	0	1.3	4.8	2.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.98	58.40	24.4	30.4	82	58	Calm	SW 2	1	0	------
2	59.74	59.12	23.5	30.8	83	65	Calm	W 1	1	2	------
3	60	59.58	24	30	86	71	Calm	SW 1	3	2	------
4	60.03	59	24	30.7	83	67	NNW 1	WNW 1	1	2	------
5	60.44	58.62	23.6	30.5	84	70	NNW 1	SW 1	3	2	------
6	59.37	58.17	24.8	31	82	67	NNE 1	NW 2	9	5	------
7	60.11	58.35	26.4	30.7	80	65	Calm	NW 3	8	6	------
8	60.14	59.62	24	30.5	83	68	Calm	NW 1	3	4	------
9	61.36	60.47	25	31.2	76	64	Calm	W 1	5	2	------
10	61.20	60.62	25	30.8	73	65	Calm	W 2	3	3	------
11	60.57	58.80	24.5	30.5	80	65	Calm	W 2	2	0	------
12	59.53	58.70	24.8	31	81	65	Calm	SW 3	7	1	------
13	59.10	58.75	23	30.7	83	67	Calm	W 2	2	0	------
14	59.88	59.56	24	31.9	83	62	NNE 1	NW 3	1	0	------
15	61.02	60.12	23.6	31	82	62	Calm	NW 2	2	0	------
16	60.92	58.84	24.4	31.2	81	58	Calm	W 3	0	0	------
17	59.74	57.94	24	31	81	59	Calm	W 2	2	0	------
18	59	58.34	23.4	31.5	80	66	Calm	W 2	1	3	------
19	60.03	58.33	25.1	31.1	79	69	Calm	SW 1	2	2	------
20	61.55	60.44	27	31.5	77	69	Calm	NW 2	7	6	------
21	61.97	60.44	27	31.7	81	72	Calm	SSW 2	1	3	9.4
22	60.80	59	25	31.1	88	65	Calm	SSW 1	9	8	------
23	59.69	58.74	26	30.8	84	67	Calm	WNW 1	0	8	------
24	59.07	58.74	24.5	32.5	79	59	NNE 1	WNW 2	2	0	------
25	59.73	59.22	25.8	32.5	81	55	Calm	NW 2	2	2	------
26	59.91	58.40	26.5	32.8	74	59	Calm	SW 2	2	1	------
27	60.21	59.02	26.5	32.5	80	58	Calm	W 2	4	6	------
28	59.27	57.92	27	32.5	77	60	Calm	NW 3	4	3	------
29	58.43	57.04	26.8	32	79	67	Calm	SW 3	3	3	6.4
30	59.23	57.88	26.6	31.6	80	62	Calm	S 2	8	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.03	58.94	25.1	31.3	80.7	64.2	0.2	1.9	3.3	2.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	15.8

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.91	58.28	25	31.7	80	56	Calm	SW 2	1	3	------
2	60.55	59.64	27	31	73	64	Calm	SW 2	9	4	------
3	60.40	58.64	27	32	73	64	Calm	NW 2	4	7	------
4	59.37	57.79	27.5	32.6	73	55	Calm	WNW 2	6	2	------
5	57.86	56.26	25.8	31.7	74	59	Calm	SW 1	2	3	------
6	58.39	57.04	26	32	76	63	Calm	WNW 2	4	4	------
7	58.81	58.33	25.5	31.8	72	58	Calm	WSW 1	3	2	------
8	58.89	57.77	26.1	31.7	81	62	Calm	SSW 2	0	2	------
9	57.92	56.26	26.8	32.2	80	62	Calm	W 2	4	3	3
10	56.32	54.63	27.4	32	86	66	Calm	SW 2	4	1	------
11	56.73	56.08	26.5	31.5	84	69	Calm	SW 2	9	8	------
12	58.18	57.77	26.7	32.2	86	69	Calm	SSW 2	7	2	------
13	58.69	58.51	26.2	32.3	81	63	Calm	SW 2	0	4	------
14	58.81	57.97	26.4	32.7	79	58	Calm	SW 2	1	2	------
15	59.46	58.46	26.5	32.6	80	55	Calm	WSW 1	2	3	------
16	58.73	57.41	26.8	32.5	82	66	Calm	SW 2	3	5	------
17	59	57.72	27.1	32	80	63	Calm	SW 2	2	7	------
18	58.88	57.66	25.4	33	77	59	Calm	W 2	6	5	26.2
19	58.68	57.19	27.2	31.4	83	68	Calm	S 1	8	9	12.4
20	58.31	57.34	25.5	31.8	86	69	N 1	SW 2	4	3	1.3
21	------	58.54	27.4	31.1	85	71	Calm	SW 2	7	9	1.8
22	60.49	58.89	26	31.8	88	64	N 1	W 1	4	7	12.4
23	59.93	58.84	26.6	31.5	89	69	Calm	SW 1	9	2	------
24	59.16	57.32	25.8	32.8	78	62	N 1	NW 2	0	2	------
25	58.06	57.32	26	32.5	84	62	NNE 1	W 2	7	2	------
26	59.33	57.14	26.7	32.2	83	62	Calm	SW 2	6	4	------
27	57.63	55.87	26.8	32.2	82	62	Calm	SW 1	4	3	1
28	55.70	54.25	27	32	83	69	Calm	WSW 1	6	4	------
29	55.37	53.80	27	32.6	80	66	Calm	SW 1	5	3	------
30	55.71	53.53	27.5	32.8	82	60	Calm	SW 1	4	3	20.8
31	55.08	52.47	27	31.5	85	72	Calm	NW 3	10	10	13.7
Mean	58.34	57.06	26.5	32.1	80.8	63.5	0.1	1.7	4.5	4.1	------
Total	------	------	------	------	------	------	------	------	------	------	92.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	52.05	52.01	27.5	28.8	85	85	S 1	S 1	10	10	101.4
2	53.62	53.97	26.4	28	87	81	Calm	SSW 2	10	10	55.1
3	55.16	54.61	24.2	29.5	86	72	Calm	NW 1	10	9	1
4	55.83	54.93	26	27.7	85	79	Calm	Calm	10	10	13.7
5	56.41	56.98	25	26	88	88	S 4	S 2	10	10	66.3
6	58.91	58.46	25.8	30.7	82	69	S 1	SW 3	10	7	------
7	59.16	58.69	25.5	30.5	88	66	Calm	SW 1	9	6	------
8	58.77	58.34	25.2	31.7	88	66	Calm	NW 1	4	6	------
9	58.76	58.30	26.5	31.1	88	67	Calm	WSW 1	5	1	------
10	58.42	59.01	25.2	31.7	88	66	Calm	W 1	3	2	------
11	59.01	58.27	26	31.5	85	67	Calm	WNW 1	4	2	------
12	58.69	57.58	26.4	32	86	64	Calm	NW 2	3	2	------
13	58	57.18	26.4	31.6	84	70	Calm	SW 2	9	8	16.5
14	58.58	57.89	24.5	31	91	70	Calm	NW 1	9	5	------
15	58.88	57.87	24.5	31.2	84	72	Calm	WNW 1	1	1	------
16	57.98	56.69	25	31.8	88	70	Calm	NNW 2	1	1	------
17	57.61	56.68	27.4	31.5	87	72	Calm	SW 2	2	3	------
18	57.51	56.02	26	31.6	88	70	Calm	SW 2	4	8	------
19	54.89	51.77	27.4	27.4	87	85	N 1	NNE 1	9	10	36.8
20	53.28	54.89	23.5	27.5	75	78	S 6	S 3	10	10	1.3
21	57.22	57.71	25	29	88	78	Calm	S 1	10	10	------
22	58.31	57.20	25.8	30.5	90	76	N 1	NW 1	10	8	14
23	58.81	57.56	25	30.2	91	80	Calm	WNW 1	9	10	------
24	58.42	57.06	26.4	30	89	80	Calm	SW 1	8	9	------
25	57.76	56.81	25.5	30.2	88	74	Calm	SW 1	4	10	------
26	58.43	56.64	26.6	30.5	90	76	Calm	SW 1	4	3	7.6
27	57.18	55.54	26.7	30.5	90	78	Calm	NW 1	9	9	1.5
28	55.23	53.63	26.5	31.2	88	71	Calm	NW 1	10	8	------
29	54.80	53.91	24.8	30.8	89	65	Calm	WNW 1	8	5	------
30	55.27	54.19	24	31.2	87	77?	Calm	SW 2	9	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.10	56.35	25.7	30.2	87	73.7	0.5	1.4	7.1	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	315.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	54.77	54.46	26.6	31.5	87	73	Calm	SW 3	10	7	13.7
2	56.16	56.04	25.4	29.6	91	77	NNE 1	SW 2	6	8	16.3
3	56.81	55.68	25.4	30.1	92	81	Calm	SSW 2	10	9	1
4	55.86	55.11	26	30.4	88	76	Calm	S 2	7	8	------
5	54.38	53.74	25.5	30.6	92	78	Calm	S 4	7	6	5.8
6	53.08	51.70	25.8	30	90	77	Calm	SE 3	10	8	87.9
7	50.88	50.75	25	26.5	96	96	S 2	SW 4	10	10	191.8
8	52.63	54.83	25.4	25.4	93	93	SE 2	SE 3	10	10	73.6
9	55.65	55.53	25.5	29.5	93	84	Calm	S 3	10	9	3.8
10	56.34	55.92	26.5	30.5	88	82?	Calm	SSW 2	8	7	35.1
11	56.03	55.63	26.5	29.2	95	83	S 1	S 2	10	10	10.9
12	55.21	55.20	28	29	85	85	SSW 3	S 2	10	10	70.1
13	55.49	55.86	26.5	27.5	87	79	S 3	S 2	10	10	33.5
14	56.64	56.56	26.1	30.5	84	72	Calm	SW 3	10	10	------
15	57.59	56.80	26	30.5	87	72	Calm	SSW 1	10	9	1.3
16	57.22	55.54	25.5	29.5	88	76	Calm	SW 1	10	8	------
17	55.24	54.75	25	29.5	88	72	Calm	SW 1	6	5	------
18	55.84	55.11	25.7	30	86	70	Calm	W 1	4	5	10.7
19	56.68	55.59	26.5	30	86	75	Calm	SW 1	10	8	23.1
20	56.69	55.80	26.2	30	90	75	Calm	WNW 1	2	7	------
21	56.79	56.18	25.4	30	84	75	N 1	SW 1	9	7	22.1
22	56.26	55.03	25.4	29.5	88	76	Calm	SW 1	5	6	5.1
23	54.24	53.49	25.2	30	86	75	Calm	SW 1	1	4	------
24	53.69	53.74	26.2	30.8	86	71	Calm	SW 1	8	7	29.2
25	53.38	52.64	26	30.9	84	66	S 1	SSW 3	6	6	24.1
26	53.58	53.83	24.9	26	84	88	SE 3	SSE 1	10	10	282.7
27	56.86	56.73	24	24	88	87	Calm	SE 1	10	10	47.7
28	57.72	57.89	24	29.9	91	73	Calm	SSW 1	10	9	------
29	58.99	57.43	26.4	30	85	74	Calm	SW 1	8	9	9.9
30	58.89	58.19	26	29.4	90	76	Calm	SSW 1	9	10	------
31	58.51	57.68	25.8	30.2	85	77	Calm	SW 1	9	7	4.3
Mean	55.75	55.27	25.8	29.4	88.3	77.9	0.5	1.8	8.2	8	------
Total	------	------	------	------	------	------	------	------	------	------	1,003.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.29	58.15	24.5	30.1	87	74	Calm	SSW 1	4	3	1
2	59.32	57.96	25	29.9	87	75	Calm	NW 1	2	4	------
3	58.18	56.76	24.5	30.5	84	71	N 1	NNW 1	1	2	------
4	57.28	57.06	26.2	30.4	86	72	Calm	WNW 1	2	3	4.8
5	57.28	57.29	25	30	83	70	Calm	WNW 1	2	4	3.6
6	58.08	57.06	24.5	30.5	87	70	Calm	NW 2	2	3	3.8
7	57.78	57	25.5	30.8	86	74	NNE 1	SW 1	4	3	10.4
8	57.21	56.24	26	30.5	88	75	Calm	SW 1	1	4	6.1
9	57.39	56.03	25.5	30	80	71	Calm	W 1	7	3	6.9
10	56.19	54.65	25.6	29.5	87	75	Calm	SW 1	5	4	19
11	54.54	52.95	25	29.9	88	75	Calm	SW 1	9	9	5.8
12	53.03	52.44	26	29	89	79	Calm	Calm	9	10	35.1
13	51.95	52.06	26	27	87	90	S 1	S 2	10	10	71.7
14	53.57	53.84	26.4	30.7	82	71	S 2	SSW 4	10	10	------
15	55.28	57.16	26.5	27.4	83	81	Calm	S 1	10	10	2.5
16	56.70	56.76	25.5	30.5	78	68	Calm	SW 1	9	8	28.4
17	58.66	56.98	25.7	30.1	86	68	Calm	SW 1	7	4	------
18	57.52	56.66	25	30.5	83	72	Calm	SSW 1	3	4	3.8
19	56.76	55.76	25.5	30.9	88	71	Calm	SSW 1	10	8	38.1
20	56.62	54.03	25	28	87	81	SE 1	SSW 3	10	10	158.2
21	53.60	53.28	25	25.6	83	91	S 2	S 3	10	10	143.3
22	54.34	54.90	25	25	92	92	SSE 1	SE 2	10	10	207
23	55.89	55.55	24.5	28.5	92	78	Calm	S 3	10	10	27.7
24	56.86	56.74	25.6	26.8	88	90	Calm	S 1	10	10	79.5
25	56.38	55.09	25.3	28	89	86	S 2	S 2	10	10	55.9
26	53.61	52.44	25.5	25.5	88	93	S 2	S 3	10	10	385.3
27	51.46	51.09	24.6	25.5	92	96	SE 3	SE 4	10	10	91.4
28	52.90	53.70	25.5	27	93	90	SSW 2	SW 3	10	10	114.8
29	56.83	56.14	24.6	26.5	93	91	SE 1	S 2	10	10	84.4
30	56.18	55.81	24.6	28	92	91	Calm	SSW 1	10	9	50.6
31	54.38	54.27	26	27	92	90	SSW 1	SSW 1	10	10	77.3
Mean	55.97	55.35	25.3	28.7	87.1	79.7	0.6	1.6	7.3	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	[a]1,716.4

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[a] The total rainfall in the "Monthly Bulletin" should be 1,716.4 mm. instead of 1,716.9 mm.

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, −1.62 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	53.84	53.53	25.5	27.7	96	87	S 2	S 1	9	10	51.4
2	54.04	53.93	25.5	27	92	89	SE 1	SE 1	10	10	36.3
3	53.89	53.57	25.3	28.2	91	83	Calm	S 1	10	10	59.4
4	54.20	53.41	24.5	28.9	92	76	Calm	SSW 1	10	7	139.4
5	53.98	53.16	25	27.4	90	86	NE 1	SW 1	10	10	102.1
6	51.55	51.63	25.1	28.5	91	85	S 1	SSW 2	10	7	63.8
7	53.23	53.45	25.7	29.7	91	79	Calm	SSW 1	8	9	------
8	54.10	53.04	24.5	29.2	87	80	Calm	SW 2	6	8	4.6
9	54.18	53.71	25.5	29.6	88	74	Calm	SSW 1	9	7	------
10	55.18	55.14	25.6	30	82	71	Calm	SW 2	9	4	10.2
11	56.04	55.86	26	29	85	74	Calm	S 3	8	10	39.2
12	56.66	55.87	25.5	27.5	88	81	Calm	SW 1	10	10	9.9
13	56.61	55.75	25.4	29	87	76	Calm	W 1	7	8	18
14	57.06	57.25	25.5	28	88	81	Calm	SW 1	7	9	------
15	58.09	57.69	24.5	29.5	85	71	Calm	SW 1	7	6	------
16	57.90	57.39	25.1	29	87	78	Calm	SW 1	6	8	2
17	57.21	56.65	25.5	28.6	88	77	Calm	SW 1	8	9	50.8
18	58.09	57.69	25	29.5	92	78	Calm	SW 1	3	5	5.1
19	58.83	58.73	24.8	29.9	88	75	Calm	SW 1	4	5	------
20	59.92	59.31	24.9	30	84	69	Calm	NW 1	3	5	------
21	59.43	58.83	24	29.7	87	70	Calm	SW 1	2	4	------
22	58.53	57.49	24.5	30.1	87	71	Calm	NW 1	4	3	------
23	57.92	55.70	24.1	31	83	69	Calm	NW 2	2	3	------
24	55.83	55.06	25.4	30	84	71	Calm	SW 2	9	9	------
25	56.41	55.76	27	30	86	78	Calm	Calm	9	9	8.9
26	57.63	55.84	24.5	29.5	87	76	Calm	W 1	4	5	61
27	57.05	56.18	24.4	29.6	87	77	Calm	SW 1	6	8	------
28	57.42	55.96	25	29.5	88	75	NNE 1	NW 1	9	7	------
29	56.54	55.54	26	29.1	88	77	Calm	SW 1	9	9	------
30	57.81	57.51	25.5	27.9	84	77	N 1	S 3	9	10	35.6
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.31	55.69	25.2	29.1	87.8	77	0.2	1.3	7.2	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	697.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.24	58.66	24	29	91	77	N 1	W 1	10	8	------
2	58.99	58.99	24.5	29	87	72	Calm	NE 3	7	9	------
3	59.78	58.93	24.8	29.9	85	69	Calm	W 1	3	6	------
4	59.86	58.68	25.4	30	87	73	Calm	SW 1	4	3	------
5	60.55	59.39	25	30	88	70	Calm	NW 1	6	4	------
6	60.66	59.78	24.4	30.2	87	74	Calm	WSW 1	1	2	------
7	60.02	59.43	24.5	30	87	74	Calm	SW 1	1	3	------
8	60.85	60.05	25	30.5	89	71	Calm	NW 1	2	0	------
9	60.88	59.23	25	30.7	88	74	Calm	SW 1	2	1	------
10	60.78	59.41	25.1	30	87	73	Calm	SW 1	3	4	------
11	59.97	58.56	25	30	87	69	Calm	NW 1	1	3	------
12	59.90	58.13	24.3	29.6	86	69	Calm	W 1	6	2	------
13	60.65	59.21	25	30.1	83	68	Calm	NW 1	7	0	------
14	61.37	60.10	23.6	29.6	88	74	Calm	WSW 1	4	1	------
15	61.17	59.48	24.4	29.5	86	75	Calm	NW 1	1	8	------
16	60.33	59.73	24.8	30	85	71	Calm	W 1	1	2	------
17	61.46	60.49	24.5	30.2	87	66	Calm	WNW 1	1	0	------
18	61.43	60.17	23.8	30	86	71	Calm	SW 1	0	2	------
19	60.95	59.79	25	30	88	66	Calm	SW 1	8	7	------
20	60.38	59.77	25.2	30.5	86	68	Calm	WNW 1	1	0	------
21	61.77	60.73	26	30.2	88	74	Calm	W 1	1	8	------
22	61.90	60.47	25	31	87	71	Calm	W 1	2	5	------
23	61.18	60.53	23.4	30.1	84	70	Calm	SW 1	1	0	------
24	62.19	60.45	22.5	30.5	87	66	Calm	SW 1	0	1	------
25	62.31	60.66	22.5	29.6	87	64	Calm	W 1	0	0	------
26	61.30	60	25	30.5	83	65	Calm	SW 1	2	7	------
27	61.02	58.92	25.4	30.5	84	72	Calm	NW 1	5	8	------
28	61.46	60.19	24.6	30.7	84	67	N 1	W 2	1	6	------
29	61.58	60.18	24.2	30.5	71	68	Calm	WNW 1	2	6	------
30	61.33	59.78	23.5	29.6	83	68	Calm	WSW 1	5	4	------
31	61.91	60.60	23	30	83	62	Calm	SW 1	3	4	------
Mean	60.88	59.69	24.5	30.1	85.8	70	0.1	1.1	2.9	3.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.92	60.84	24	30.1	79	59	Calm	WSW 1	4	2	------
2	61.52	60.54	23.8	30.1	81	68	Calm	NW 1	2	3	------
3	60.53	59.03	23.5	30	82	68	Calm	NW 1	8	2	------
4	60.82	59.31	23.5	30	83	66	Calm	SW 1	0	0	------
5	60.73	59.68	22.7	30	83	65	Calm	NW 1	0	0	------
6	59.66	58.83	23	30	84	69	Calm	SW 1	1	1	------
7	60.04	58.58	23.2	30.5	81	59	Calm	WNW 1	1	1	------
8	59.80	58.68	23.7	30.6	73	59	Calm	SW 1	7	6	------
9	59.68	58.96	24	30.5	81	65	Calm	NW 1	0	2	------
10	59.75	58.11	23	30	83	63	Calm	NW 1	3	0	------
11	59.94	57.59	24	30.5	83	68	Calm	SW 1	2	2	------
12	59.35	58.19	24	30.5	80	71	Calm	WSW 1	1	3	------
13	58.89	58.11	25.2	30	82	69	Calm	SW 1	2	5	------
14	60.03	58.46	24	30.5	83	65	Calm	NW 2	2	3	1
15	59.51	58.16	25	30	83	68	Calm	SW 2	8	4	------
16	59.58	57.36	25.4	30.5	76	66	Calm	SW 1	0	2	------
17	58.95	58.29	23.5	30.4	85	70	Calm	WNW 1	0	2	------
18	58.99	57.88	23.2	30.1	81	68	Calm	SW 1	0	0	------
19	60.08	58.76	24.5	30.4	81	66	Calm	SW 1	1	2	------
20	60.72	59.46	23.8	30.4	85	66	Calm	SW 1	2	0	------
21	60.82	58.96	24	30.5	83	63	Calm	NNW 3	3	1	------
22	60.33	58.46	24.4	30.3	77	58	Calm	NW 1	7	6	------
23	60.51	58.86	24.6	30.5	82	70	Calm	SW 1	3	2	------
24	60.80	59.26	24.5	30.6	86	65	N 1	N 3	9	3	------
25	59.95	58.50	23.5	30	87	68	N 1	W 1	4	1	------
26	60.96	59.33	24.4	30	80	68	Calm	WSW 1	4	9	------
27	60.87	58.90	24.6	31.5	79	57	Calm	N 1	8	3	------
28	60.54	58.32	25.5	31	76	64	Calm	SE 1	10	8	------
29	59.93	58.83	24	30.2	79	66	Calm	S 1	6	4	------
30	60.78	59.14	23.5	30.3	85	66	Calm	SW 1	3	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.20	58.78	24	30.3	81.4	65.4	0.1	1.2	3.4	2.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.52	59.01	24	31.4	83	60	Calm	SW 1	4	3	------
2	61.17	58.91	22	31.1	81	54	Calm	SW 1	1	2	------
3	60.63	59.46	24.2	30.5	81	62	Calm	W 1	3	4	------
4	59.94	59.16	24.5	30.2	80	70	Calm	SW 1	2	2	------
5	58.97	58.43	23.9	30.1	80	68	Calm	SW 2	8	2	------
6	60.29	58.66	24	30	83	71	Calm	W 1	3	2	------
7	60.26	58.38	25	30.5	83	71	Calm	SW 1	2	3	------
8	59.05	58.43	24	30	79	68	Calm	SW 1	4	3	------
9	60.54	58.82	25.5	30.6	84	64	Calm	NW 2	9	2	------
10	60.34	59.36	24	30.5	83	63	Calm	SW 1	4	7	------
11	60.61	58.76	26.5	30	80	71	Calm	W 1	9	4	------
12	59.99	58.48	24	30	79	67	Calm	NW 2	5	4	------
13	60.32	58.07	24.9	31.6	80	61	Calm	SSE 1	6	8	------
14	60.73	59.21	24.8	29	71	68	Calm	Calm	3	9	------
15	60.22	58.88	25	30	80	66	Calm	SW 1	8	7	5.1
16	61.56	60.34	24.5	29.5	87	75	Calm	SW 1	8	4	------
17	61.86	60.76	24.5	29.7	85	72	Calm	W 1	4	3	------
18	61.86	60.71	24.5	26.9	85	90	Calm	NW 2	2	4	------
19	60.58	59.55	23.9	30.2	82	64	Calm	NNW 3	3	2	------
20	60.88	60.01	23.6	29.5	74	61	Calm	W 1	2	1	------
21	60.91	58.74	22.5	29.2	82	68	Calm	NW 1	3	4	------
22	60.15	57.99	23	29.5	84	67	Calm	W 1	4	8	------
23	60.88	59.29	24.5	29.5	83	64	Calm	NNW 3	4	2	------
24	61.36	59.75	22.8	29.4	79	63	NNW 1	N 1	0	2	------
25	62.05	61.03	25.6	28.9	83	75	Calm	SW 1	7	8	------
26	62.65	60.50	25.4	30.1	78	64	Calm	NW 2	8	2	------
27	62.43	60.88	23.5	29.5	83	66	Calm	NW 1	0	1	------
28	62.54	61.20	23	29	83	74	Calm	NW 2	2	3	------
29	62.01	59.81	22.5	28.4	82	64	Calm	SW 2	9	4	------
30	60.78	59.10	23.2	28.7	81	69	Calm	SW 2	9	2	------
31	61.76	60.53	22.6	29.5	85	64	Calm	NW 1	3	0	------
Mean	60.90	59.43	24.1	29.8	81.4	67.2	0	1.4	4.5	3.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	5.1

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	64.84	63.01	22.3	29.5	68	47	NE 1	NE 2	8	6	------	60.97	60.27	21.1	31.3	96	58	Calm	NNW 3	0	3	------
2	64.49	62.99	19.9	31	93	58	Calm	NE 3	3	4	------	61.01	59	18.8	32.2	96	51	Calm	NNE 3	0	2	------
3	64.95	62.99	17.7	31.1	97	59	Calm	NE 3	1	3	------	61.94	-----	22.5	-----	97	-----	Calm	--------	0	-----	------
4	63.93	-----	20.8	-----	94	-----	Calm	--------	1	-----	------	61.03	59.35	19	31.2	99	57	Calm	NW 3	0	2	------
5	64.39	62.45	21.5	30.5	94	66	Calm	NW 3	1	4	------	60.83	60.31	21	30.1	95	68	Calm	NW 3	0	1	------
6	63.43	62.85	20.3	30.6	97	64	Calm	NNW 2	6	7	------	61.20	60.52	20.4	30.9	96	61	Calm	NNW 4	0	1	------
7	65	63.51	18.7	26.6	95	86	Calm	N 3	0	3	------	61.03	59.59	18.3	30.1	98	67	Calm	NNW 2	0	1	------
8	65.09	64.99	20.8	27.1	94	81	Calm	NNE 4	0	4	------	60.94	61.08	21	29.5	94	66	Calm	NNW 2	0	1	------
9	66.45	65.16	17.9	30.1	95	64	Calm	NE 3	0	2	------	62.01	60.91	19	31.1	99	59	Calm	NNE 3	0	0	------
10	65.78	64.98	15	27.5	100	75	Calm	NNW 3	0	0	------	62.62	60.55	20.5	31.5	97	54	Calm	NNW 2	0	1	------
11	64.39	63.71	14.9	27.1	99	81	Calm	N 3	0	1	------	62.98	62.27	17.3	29.6	98	61	Calm	NNW 4	0	1	------
12	63.04	61.53	16.3	29.1	100	57	Calm	W 2	0	1	------	64.01	61.97	17	29.9	97	63	Calm	NNW 3	0	2	------
13	62.92	61.86	18.2	28.6	98	68	Calm	W 3	0	1	------	-----	-----	-----	-----	-----	-----	Calm	--------	-----	-----	------
14	63.01	61.83	18.7	29.5	95	58	Calm	NW 3	0	1	------	63.75	62.05	16.9	29.7	99	56	Calm	NNW 2	0	3	------
15	63	61.37	17	31.5	98	54	Calm	NW 2	1	1	------	63	61.63	20.4	29.1	96	71	Calm	NW 2	0	2	------
16	63.10	61.57	18.7	31.5	95	57	Calm	NNW 3	0	3	------	62.22	61.97	20.1	28	97	70	Calm	NNW 2	0	4	------
17	62.74	61.71	19	29.1	98	65	Calm	NW 3	0	2	------	62.98	61.73	20.9	28.6	97	66	Calm	NNW 3	0	2	------
18	63	61.43	19.9	29.3	93	66	Calm	NW 3	0	1	------	62.34	61.86	21.2	29.5	95	63	Calm	NNW 3	0	1	------
19	61.21	60.13	20.3	29	97	67	Calm	NW 3	0	1	------	62.18	61.08	19.7	31.3	98	60	Calm	NNW 3	0	2	------
20	62.16	60.17	19.9	29.4	99	63	Calm	N 3	0	1	------	61.87	60.79	19.8	31.5	98	62	Calm	W 3	0	1	------
21	61.77	59.56	21.1	32	95	52	Calm	NE 2	0	2	------	61.29	60.58	20.1	29.6	97	61	Calm	NNW 3	3	2	------
22	61.76	60.71	18.5	32	98	60	Calm	NNW 3	0	2	------	60.14	59.94	21.2	29.9	95	69	Calm	W 3	1	3	------
23	62.03	60.91	17.3	33.1	99	49	Calm	NE 1	0	3	------	60.42	61.40	20.9	31.7	97	58	Calm	W 4	0	3	------
24	62.09	61.42	19.2	29.1	99	76	Calm	NNW 2	0	2	------	61.25	60.40	17.2	30.5	99	57	Calm	WNW 3	0	3	------
25	61.80	60.23	18.5	30.4	98	65	Calm	N 2	0	1	------	61.31	60.35	18.8	30.1	97	52	Calm	W 3	0	2	------
26	61.26	60.75	19.9	28.6	97	75	Calm	NNW 3	0	2	------	61.48	60.50	20.1	30.2	97	55	Calm	NNW 2	1	4	------
27	62.71	60.61	18.7	31.1	98	55	Calm	NNW 3	0	3	------	62.03	61.71	21.3	28.5	97	63	Calm	WNW 2	0	5	------
28	61.78	60.23	17.3	29.7	98	67	Calm	NNW 3	0	1	------	62.50	61.98	20.9	30.6	96	59	Calm	NW 3	0	3	------
29	61.48	60.01	19.9	29.9	98	60	Calm	NNW 2	0	2	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	61.05	60.08	20	29.5	98	65	Calm	NW 3	0	1	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	61.03	60.06	21	31.1	95	59	Calm	NNW 3	0	3	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	63.09	61.76	19	29.8	95.9	64	0	2.7	0.7	2.3	------	61.83	60.92	19.8	30.2	96.9	61	0	2.8	0.2	2.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.90	62.35	21	31.6	95	56	Calm	NNW 3	0	3	------	58.89	58.16	21.3	32.1	97	62	Calm	W 2	0	1	------
2	63.01	61.20	18.4	32.7	99	54	Calm	NNW 3	0	0	------	60	59.04	22.8	31.3	95	61	Calm	NNW 2	0	1	------
3	62.30	61.05	19.8	30.1	97	63	Calm	NNW 3	0	2	------	59.86	59.15	22	33.2	98	54	Calm	NNW 2	0	1	------
4	60.99	59.79	21.2	30.2	98	65	Calm	WNW 3	0	3	------	60.07	58.02	22.8	34.3	95	51	Calm	NNW 3	0	1	------
5	59.41	57.84	21	32.3	95	51	Calm	NNW 3	0	1	------	60.13	58.09	22.4	36.7	96	47	Calm	NNW 2	0	1	------
6	58.04	57.55	21.5	32.5	95	61	Calm	NNW 3	0	2	------	59.34	58.39	23.9	32.1	89	57	Calm	NNW 2	0	1	------
7	58.93	58	24.4	32.1	95	58	Calm	NW 3	0	1	------	60.34	58.88	23.6	31	86	55	Calm	NW 3	0	1	------
8	58.50	58	22.9	33.3	94	54	Calm	NW 3	0	1	------	60	59.26	21.2	34.6	96	50	Calm	NW 2	0	1	------
9	59	57.45	23	32.1	97	56	Calm	NNW 3	0	1	------	61.07	59.83	23.9	35.5	89	51	Calm	NW 3	0	1	------
10	58.70	58.09	23.6	33.1	97	59	Calm	NNW 3	0	2	------	61.37	60.95	23.6	33.2	86	54	Calm	NW 3	0	1	------
11	58.48	57.92	24.4	31.4	95	63	Calm	NNW 3	0	1	------	60.23	58.95	22.4	33.3	91	55	Calm	W 3	0	1	------
12	59	58.99	24.5	33.2	82	52	Calm	W 2	0	0	------	59.70	58.99	23.9	33.1	89	55	Calm	NW 2	0	1	------
13	60.06	59.41	22.3	32.7	97	52	Calm	NW 2	0	1	------	59.93	58.72	23.6	33.1	86	53	Calm	W 3	0	0	------
14	60.99	59.87	21.9	32.6	96	56	Calm	NW 3	0	1	------	59.96	59.70	22.4	33.2	96	54	Calm	NW 2	0	0	------
15	60.98	59.74	23.6	33.7	97	52	Calm	NW 2	0	1	------	61.27	59.99	22.8	32.5	95	54	Calm	NW 3	0	1	------
16	60.09	59.45	21.3	33.6	97	43	Calm	NW 2	0	1	------	61.01	58.83	23.6	33.3	86	55	Calm	NW 3	0	1	------
17	62.02	61.90	24.4	31	77	68	Calm	NW 2	0	0	------	60	57.84	23.9	33.2	89	54	Calm	NW 2	0	0	------
18	64.06	61.79	24.2	33.1	88	49	Calm	NW 3	10	1	------	59	58.65	23.5	33.4	90	54	Calm	NW 2	0	1	------
19	62.96	60.79	25	33	93	59	Calm	NW 2	9	1	------	60.13	59	24.1	33.7	96	56	Calm	NW 2	0	1	------
20	61.01	59.97	22.7	31.7	97	65	Calm	NW 2	8	1	------	61.30	59.91	25.8	32.7	81	53	Calm	NW 2	0	1	------
21	60	59.19	22.8	31.9	96	57	Calm	NNW 3	6	2	------	61.47	60.10	26.9	32.6	86	66	Calm	NW 3	0	1	------
22	60	59.51	22.6	31.5	95	62	Calm	NNW 2	0	1	------	60.46	58.53	26.9	33.7	85	56	Calm	NW 2	0	1	------
23	60.19	58.65	21.3	33.7	97	50	Calm	NW 3	1	1	------	59.39	58.34	26.3	33.5	90	60	Calm	NNW 3	1	1	0.5
24	60.04	59.22	21	33.5	93	50	Crlm	NW 2	0	1	------	59.20	58.91	24.1	33.5	96	53	Calm	NW 2	0	1	------
25	60.74	58.90	19.4	33.1	97	49	Calm	NNW 3	0	1	------	59.85	58.50	25.8	34.8	81	51	Calm	W 3	0	1	------
26	60.04	58.70	21.3	35.6	97	41	Calm	NW 3	0	1	------	59.92	58.54	26.9	34.7	86	55	Calm	WSW 4	0	1	------
27	61.01	58.34	24.2	35.5	88	41	NNW 1	NW 2	8	1	------	60.02	59.03	26.3	34.1	90	55	Calm	WNW 4	0	1	------
28	61.02	59.20	20.9	33.3	97	52	Calm	NNW 2	0	1	------	59.48	58.04	26.9	34.6	86	55	Calm	NW 4	0	1	------
29	61.38	59.85	22.6	33	95	59	Calm	NW 2	0	1	------	59	56.98	24.1	35.2	96	54	Calm	NW 3	0	1	------
30	60.70	58.87	21.3	33.6	97	43	Calm	NNW 2	0	0	------	59	57.97	25.8	35.5	81	49	Calm	NW 4	0	1	------
31	59	57.07	22.6	32.7	95	53	Calm	NW 2	0	1	------	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.50	59.31	22.3	32.7	94.5	54.6	0	2.5	1.4	1.1	------	60.05	58.84	24.1	33.6	90.1	54.6	0	2.7	0	0.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0.5

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.90	58.30	26.9	33	86	59	Calm	NW 3	0	1	------
2	60.47	59.75	26.9	33.6	85	50	Calm	NW 3	0	1	------
3	60.42	57.79	26.5	35.5	91	47	Calm	NNW 3	0	1	------
4	59.51	58.55	26.3	33	90	56	Calm	NW 2	5	5	5.6
5	58	56.31	24.1	34.1	96	56	E 1	WSW 3	1	2	------
6	58.39	56.95	25.8	32.5	88	62	E 1	WNW 3	8	5	------
7	59.23	57.69	24.2	33.9	91	54	E 1	NW 4	0	3	------
8	58.91	57.62	26.5	33.6	91	53	E 1	W 3	3	2	------
9	57.87	56.33	26.9	34.1	86	58	E 1	W 3	4	4	------
10	56.39	55.03	26.3	34	90	59	E 1	WSW 3	8	6	------
11	56.86	56.04	26.9	33	85	56	ESE 1	W 3	9	7	------
12	57.99	57	25.8	34.1	88	56	E 1	W 3	3	4	------
13	58.52	58.02	26.9	36	86	50	E 1	WSW 3	1	4	------
14	59	58.20	27.2	34.4	89	54	E 1	W 3	1	5	36.6
15	59.51	58.54	25.1	34	88	57	E 1	WSW 3	0	4	------
16	59.01	57.93	25.1	33.5	88	58	E 1	WSW 3	0	3	------
17	59.14	58.42	26	30.5	90	70	E 1	SW 3	0	10	------
18	59.50	57.58	25.3	35.2	84	46	E 1	SW 3	6	4	------
19	58.26	57.03	26	34	89	51	E 1	W 3	3	4	3.8
20	58	57.50	25.1	34.9	88	50	E 1	WSW 3	3	3	------
21	58.99	58.17	25.3	33	84	56	SE 1	NW 3	3	6	18.5
22	60.46	59.03	24.7	34.1	86	55	SE 1	NW 2	3	4	------
23	59.67	59.01	27	30.1	89	77	SE 1	W 1	4	10	5.3
24	59.02	57.46	25.1	32.9	84	59	SE 1	W 3	3	4	1.5
25	57.90	56.97	24.8	35.3	88	51	ESE 1	NW 2	2	3	------
26	58.86	57.50	26.4	30.5	89	75	ESE 1	NNW 2	2	10	------
27	57.81	55.64	25.1	34.2	88	57	E 1	NW 2	1	3	------
28	55.79	54.44	26	34	89	57	ESE 1	NW 2	1	4	------
29	55.29	54.14	25.3	35.3	84	56	ESE 1	W 2	2	2	------
30	55.75	54.27	24.7	34.1	86	55	SE 1	NW 2	1	3	------
31	55.09	51.99	26	33.5	89	56	SE 1	NE 3	1	8	5.6
Mean	58.37	57.07	25.8	33.7	87.9	56.6	0.9	2.7	2.5	4.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	[a] 76.9

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	51.82	50.54	26.3	28.1	90	85	N 1	NW 3	10	10	81.2
2	53.02	53.27	25.9	29.4	93	72	SW 2	WNW 3	10	10	11.2
3	54.96	54.36	25.8	30.5	92	60	SSE 1	NW 3	10	10	33.6
4	55.47	54.98	24.7	27.4	89	83	SSW 1	WSW 1	10	10	31.2
5	55.20	55.83	25	27.5	98	78	SSW 1	SW 2	10	10	98.2
6	58	57.92	24.7	30.6	89	64	S 1	S 4	10	10	1.5
7	58.22	58.26	25	32.1	92	61	S 1	WSW 2	5	4	------
8	58.37	58.35	25.2	31.7	88	64	SSE 1	WSW 2	1	4	------
9	58.53	58.15	25.8	32.9	92	61	SSE 1	SW 2	1	3	6.1
10	58.42	59	24.7	33	89	62	SSE 1	W 2	2	3	------
11	59.02	58.61	25.5	32.3	83	61	SSE 1	NW 2	1	3	------
12	58.47	57.75	25.9	33.5	93	54	SE 1	NW 2	1	3	------
13	58.02	57.09	25.8	33	92	62	SSE 1	W 2	1	4	4.6
14	58.22	57.55	24.7	32.1	89	61	SE 1	W 2	1	4	------
15	57.01	57.99	25.9	33.2	93	60	SSE 1	WSW 2	1	3	------
16	58.02	56.49	24.7	33.5	89	57	SE 1	NW 1	1	3	------
17	57.22	56.39	26.3	33.4	83	64	SE 1	W 2	1	2	18.5
18	57.21	55.79	25.9	32.2	93	61	SE 1	NNW 2	3	4	------
19	55.18	52.47	26	29	89	74	Calm	Calm	8	10	3.5
20	52.47	53.93	26.4	29.4	62	58	S 5	S 8	10	10	------
21	56.08	57.35	26.3	28.6	83	77	Calm	S 1	10	10	1.8
22	58.14	58.15	25.5	30.6	88	67	SSE 1	W 1	10	10	------
23	58.74	57.55	25.8	30.1	85	73	SE 1	W 2	10	10	------
24	58.01	56.34	25.5	32.6	89	63	SE 1	W 2	3	4	------
25	57.74	56.45	25.3	32.4	83	57	SSE 1	NNW 2	0	3	------
26	58.02	56.31	26.3	32.5	83	61	SE 1	NW 2	0	4	------
27	57.01	55.33	25.9	32.4	93	66	SE 1	NW 2	1	3	------
28	55.03	53.90	25.5	31.7	89	59	SE 1	NW 2	2	4	------
29	54.78	54.10	24	32.1	93	64	SE 1	W 2	1	4	------
30	55	53.90	24	33.5	93	55	SSE 1	SW 2	1	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.71	56.14	25.5	31.4	88.6	64.6	1.1	2.2	4.5	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	291.4

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.33	53.74	26	34.5	85	53	S 1	SSW 2	10	4	5.3
2	56.51	55.49	25	32.7	95	54	SSE 1	SW 2	10	10	33.5
3	57.04	55.59	24.2	32.6	91	64	SE 1	SW 2	2	4	52.1
4	56.04	54.99	25	32.5	92	62	N 1	NW 2	3	4	106.4
5	55.03	53.97	24.4	29.5	88	70	Calm	SSW 2	4	8	25.4
6	53.64	51.31	25.6	31.4	92	70	S 1	W 3	6	10	------
7	50.64	49.60	25.7	25.5	93	93	SSW 2	SSW 2	10	10	141
8	50.69	53.64	25	25.5	93	93	S 1	S 2	10	10	155.4
9	54.95	54.99	23.9	30.6	92	77	S 1	SSE 3	10	9	30.7
10	56.01	55.46	26.5	32	86	67	SSE 1	SSW 4	8	6	24.6
11	55.43	54.72	26.3	29.1	85	81	SW 2	SW 4	10	10	83.8
12	54.18	54.34	26.5	27.9	86	88	SW 3	S 4	10	10	68.3
13	55.02	54.73	26.3	29.6	91	75	S 2	S 4	10	10	29.2
14	55.93	55.97	26.5	31.6	86	66	SSE 1	SSW 4	10	10	------
15	57.01	56.69	25.6	30.1	92	68	SSE 1	SW 2	4	6	14
16	57.14	55.97	24.7	32	89	60	Calm	W 2	9	8	------
17	55.53	54.80	24.4	30.5	88	76	Calm	WSW 2	3	4	------
18	55.53	55.14	25.8	31.6	85	62	SSE 1	WSW 1	2	4	------
19	56.10	55.64	25.1	32.5	92	62	Calm	WSW 2	9	5	------
20	56.19	56.15	26.3	32	88	64	Calm	WSW 3	1	3	------
21	57.02	56.56	26	29.1	85	83	Calm	W 2	2	10	36.6
22	57.02	54.81	25	32.1	95	63	SSE 1	WSW 2	4	4	10.4
23	55.04	53.65	24.7	32.1	89	58	Calm	WSW 2	3	3	20.8
24	54.29	53.57	25.8	31.7	85	63	Calm	WSW 3	4	6	------
25	54.25	52.32	26	32.1	87	63	Calm	SSW 4	3	4	104.1
26	54.56	54.80	22.6	24.5	95	89	SSE 2	S 3	10	10	89.4
27	55.78	55.27	24.3	28.9	91	67	S 3	S 4	10	10	5.6
28	57.17	57.72	25	26.4	90	86	S 1	S 3	10	10	8.4
29	58.09	57.32	26	29.1	85	81	SSW 1	SSW 2	4	6	53.8
30	58.40	57.66	24.8	31.5	85	69	Calm	SSW 2	8	8	------
31	58.25	57.64	25.3	31.4	84	65	Calm	WSW 3	2	5	------
Mean	55.57	54.98	25.3	30.4	89	70.7	0.9	2.6	6.5	7.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,098.8

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.90	58.09	24.8	31.7	85	66	SSE 1	SW 2	3	3	6.6
2	59.24	57.75	25	31.5	88	65	SSE 1	WNW 2	2	3	------
3	58.35	57.15	24.3	31.6	91	62	Calm	WNW 2	2	3	------
4	57.64	57.44	24.4	32.1	88	62	Calm	WSW 2	2	4	------
5	57.26	57.47	23.9	31.3	91	64	Calm	NW 3	1	3	33.5
6	58.24	57	23.7	31.6	91	63	Calm	NW 2	2	3	1
7	58.13	57.02	24.8	31.5	85	65	Calm	NW 2	3	4	------
8	58	56.19	25.2	30.1	97	68	Calm	NW 2	2	5	7.1
9	58	56.20	24.5	30.6	89	70	Calm	NW 2	7	8	8.9
10	57.07	55.18	25.2	31.1	97	71	SE 1	NW 2	4	5	------
11	55.05	52.84	24.3	26.5	91	93	Calm	NE 3	5	10	59.1
12	53	51.83	25	29.8	90	79	Calm	W 1	10	10	91.4
13	50.64	51.14	25.2	25.5	97	91	W 3	SSW 3	10	10	128.5
14	53	53.42	25	31.4	90	67	S 2	S 4	10	10	15.8
15	55.49	55.73	24.9	29.5	89	71	SSE 1	SSW 4	4	7	------
16	56.94	56.47	24.4	31.3	88	64	S 1	SW 2	3	7	------
17	58.13	57.30	25.2	31.1	97	62	S 1	SW 2	2	5	------
18	57.53	56.74	23.7	32.2	91	61	Calm	WSW 2	3	4	------
19	57.22	55.59	24	33	93	61	Calm	WSW 3	3	4	109.7
20	55.98	53.23	23.7	29	92	72	SSW 2	SSW 4	10	10	131.3
21	53.92	53.09	23.7	25.8	96	93	SSW 4	SSW 5	10	10	173.2
22	55	55.36	23.6	25.5	98	93	SSW 3	S 2	10	10	155.4
23	56.28	55.22	24	29	93	72	S 1	SSW 3	10	8	102.6
24	57.64	56.28	24.5	26.6	91	86	S 2	S 4	10	10	98.8
25	55.78	54.40	25	26.6	92	84	SSW 2	SSW 4	10	10	104.9
26	53.96	52	24.3	26.6	92	86	SSW 2	SSW 5	10	10	184.4
27	50.79	49.13	26	25.6	84	87	SSW 4	SSW 5	10	10	134.1
28	51	52.35	26	24.5	84	94	SSW 4	SSW 7	10	10	160.5
29	54.35	54.81	24.3	28	92	63	SW 2	WSW 3	10	10	56.4
30	55.12	54.55	25.8	29.1	88	78	S 1	SW 3	10	10	11
31	53.90	53.44	26	28.5	84	87	SSW 2	SW 3	10	10	56.6
Mean	55.86	54.98	24.7	29.3	90.8	74.2	1.3	3	6.4	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,830.8

[a] The total rainfall in the "Monthly Bulletin" should be 76.9 mm. instead of 76.6 mm.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, −1.58 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	53.39	52.95	24.9	28.5	89	87	SSW 2	SW 3	10	10	78.7
2	53.98	53.57	25	28	87	86	S 1	S 4	10	10	59.4
3	53.99	52.78	25.5	31.4	91	70	S 1	SSW 3	10	7	13
4	54.21	53 29	24.8	29.1	90	77	SSE 1	WSW 3	10	10	76.7
5	54.21	52.33	24.9	30.5	91	65	SSE 1	SSW 3	7	6	14
6	51.90	51.43	25.3	31.4	83	70	SSW 1	SSW 3	10	10	10.2
7	53.24	52.82	25	31.5	87	68	S 1	SW 3	4	4	-----
8	54.11	52.66	24	31.1	93	71	S 1	WSW 3	3	4	-----
9	54.26	53.62	24.2	30.3	90	72	SSE 1	SW 3	2	3	3.6
10	54.81	54.67	25	29.5	92	83	SSE 1	SSW 3	10	6	3
11	55.79	55.39	24.2	27.2	86	83	SSE 1	SSW 3	3	10	9.9
12	56.12	55.80	25.1	28.1	91	70	SSE 1	S 1	10	10	18.3
13	56.12	55.49	24.2	30.6	90	76	SSE 1	SW 3	2	4	-----
14	56.16	56.96	24.5	29.5	91	80	SSE 1	S 3	1	10	2
15	58.20	57.67	24	31.1	97	71	SSE 1	WSW 3	3	4	9.4
16	58.26	57.06	23.8	31.1	91	69	SSE 1	SW 3	2	4	27.9
17	57.56	56.66	24.4	28.5	91	78	SE 1	Calm	6	7	-----
18	58.56	57.53	23.3	30.2	89	70	SE 1	SW 2	3	7	-----
19	59.06	58.51	24.5	31.6	94	63	SE 1	WSW 3	4	4	-----
20	59.40	59.01	24.4	31.1	91	69	SE 1	W 2	3	5	-----
21	59.86	58.41	23.7	33	92	56	SE 1	SW 2	3	3	-----
22	58.72	57.25	24	33.9	91	56	SE 1	NE 1	3	4	-----
23	58.10	56.37	24	29.1	93	80	NE 1	NNE 4	3	6	-----
24	-----	55.31	-----	31.2	-----	67	-----	N 3	-----	6	-----
25	56.46	56.17	24.5	31.1	94	69	SE 1	WNW 3	7	5	-----
26	57.60	55.88	24	32.6	91	58	SE 1	WNW 2	4	4	-----
27	57	56.22	24	30.2	93	70	SE 1	NW 2	3	5	-----
28	57.31	55.61	23.3	30.5	92	66	SE 1	NW 3	3	7	5.8
29	56.53	55.66	25.2	29	97	72	SSE 1	SSW 4	10	10	50.8
30	57.89	57.02	24	28.5	91	74	SE 1	S 3	10	10	9.4
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	56.30	55.47	24.4	30.3	91	71.5	1	2.7	5.5	6.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	392.1

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59	58.73	24.1	28.4	91	76	SE 1	SW 2	10	10	12.5
2	58.96	58.51	23.3	30.1	92	63	SSE 1	NE 1	4	7	-----
3	59.48	58.71	25.5	31.2	84	58	ENE 1	NE 4	4	3	-----
4	59.94	58.27	24.4	30.5	91	66	NNE 1	NW 3	2	3	-----
5	59.94	59.71	25	30.6	92	63	E 1	W 1	2	6	-----
6	60.24	59.69	23.9	31.1	87	58	SE 1	WNW 3	1	3	-----
7	59.96	59.25	22.6	30.5	91	68	SSE 1	SW 3	0	3	-----
8	60.95	59.96	24	32	95	59	Calm	SW 3	0	3	-----
9	60.97	59	24.7	33	87	56	Calm	SW 2	0	2	-----
10	60.99	58.89	24.4	33.1	91	55	Calm	W 2	1	3	4.6
11	59.98	58.79	23.5	32.6	92	58	Calm	WSW 3	1	4	-----
12	60.09	57.96	22.2	32.5	94	56	ESE 1	N 2	0	3	-----
13	60.16	59.50	21.4	30.7	93	63	Calm	NW 3	0	3	-----
14	61.24	59.96	21.3	32	97	61	ESE 1	SW 3	0	0	-----
15	61.04	59.43	21	31.8	98	59	Calm	WNW 3	0	3	-----
16	60.79	59.69	21.4	31.6	96	57	Calm	NW 3	0	2	-----
17	61.24	60.25	21	33	98	56	Calm	WSW 2	0	0	-----
18	61.26	60.44	20.8	32.5	98	56	Calm	WSW 2	0	1	-----
19	61.12	59.67	22	32.1	96	60	Calm	WNW 2	0	2	-----
20	60.69	59.81	23	31.7	98	58	Calm	SW 3	0	2	-----
21	61.40	60.28	24.1	32.5	96	58	Calm	W 2	0	1	-----
22	61.38	60.04	23.4	35.3	98	51	Calm	SE 1	0	1	-----
23	61.32	60.16	20	33	98	56	Calm	NW 3	0	1	-----
24	62.28	60.15	21.2	35.7	93	49	Calm	SE 2	0	0	-----
25	61.96	60.41	22	33.6	96	54	Calm	ESE 4	0	1	-----
26	61.23	59.16	24.1	34.5	96	51	Calm	SE 2	0	1	-----
27	61.30	58.35	24.8	35.5	92	49	Calm	ESE 2	1	1	-----
28	61.81	59.98	22.3	31.7	97	57	Calm	NW 3	0	1	-----
29	61.97	60	22	32.5	96	56	Calm	SW 3	0	1	-----
30	61.71	59.44	22	33.1	96	56	Calm	SW 3	0	1	-----
31	61.94	60.33	20.9	34.7	99	50	Calm	SSE 2	0	1	-----
Mean	60.85	59.50	22.8	32.4	94.1	57.8	0.3	2.5	0.8	2.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	17.1

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.51	60.33	22	33	96	56	Calm	WNW 2	0	1	-----
2	61.44	60.46	22.3	32.1	97	56	Calm	NW 3	0	1	-----
3	60.99	59.06	22	30.7	96	61	Calm	W 3	0	1	-----
4	60.51	59.17	22.3	32.7	97	55	Calm	WSW 3	0	1	-----
5	61.01	59.94	22.2	31.1	94	60	Calm	WNW 3	0	1	-----
6	60.17	58.89	22	32.6	95	55	Calm	SW 2	0	1	-----
7	60.22	58.21	23.5	33.1	96	59	Calm	WNW 3	0	1	-----
8	59.93	58.05	21.2	32.6	98	59	Calm	SW 3	0	1	-----
9	60.01	58.51	23.5	31.5	96	58	Calm	NW 3	0	1	-----
10	59.89	57.68	22.7	36	97	45	Calm	SE 3	0	1	-----
11	60.22	57.47	22.2	35.1	94	50	Calm	SE 2	0	1	-----
12	59.96	58.11	20.2	33.5	99	58	Calm	SW 2	0	1	-----
13	59.83	58.22	23.8	32.7	97	55	Calm	SW 2	0	1	9.4
14	60.13	58.90	23.5	33	92	56	SE 1	W 3	0	1	-----
15	59.49	58.02	22.7	31.9	97	61	Calm	WNW 2	0	1	-----
16	59.91	57.54	22	32.5	96	53	Calm	NW 3	0	1	-----
17	59.03	58.39	22.7	31.5	97	57	Calm	WNW 2	0	1	-----
18	59.01	57.64	22	32.1	96	57	Calm	WNW 2	0	1	-----
19	60	58.72	23.4	31.5	86	57	Calm	WNW 2	0	1	-----
20	60.52	59.65	23.3	32.6	89	58	Calm	WSW 2	0	1	-----
21	61.38	59.26	22	31.4	91	49	Calm	NNW 4	0	1	-----
22	60.82	58.02	21.2	35	91	43	Calm	SE 2	0	1	-----
23	60.09	58.82	23.4	32.1	88	60	Calm	W 3	2	1	-----
24	61.02	59.51	24.3	30.1	96	68	Calm	NW 3	2	3	-----
25	60.28	58.57	21.8	32.6	95	52	Calm	NW 3	0	1	-----
26	61.34	59.06	22	33	96	52	Calm	NW 3	0	3	-----
27	61.83	60.17	21.2	32.1	91	51	Calm	NNE 3	1	7	-----
28	61.01	59.37	26.1?	29.6	80?	61	N 3	N 6	7	7	-----
29	60.12	58.71	24	32.1	91	57	Calm	NNW 4	1	3	-----
30	60.62	59.01	22	32.5	96	44	Calm	NW 2	0	0	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.44	58.78	22.6	32.4	94	55.4	0.1	2.8	0.4	1.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9.4

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.91	58.99	21.2	32.2	91	58	Calm	W 2	0	0	-----
2	61.01	59.29	22	36	96	33	Calm	ESE 2	0	1	-----
3	60.79	59.31	22.3	32.7	92	58	Calm	SW 2	0	1	-----
4	60.09	58.95	25.2	31	85	62	Calm	SW 2	0	0	-----
5	59.81	58.24	24.9	31.7	89	63	Calm	SW 2	0	1	-----
6	60.52	58.45	22.5	33.5	96	55	Calm	N 3	0	1	-----
7	60.21	58	22.4	34.1	95	47	Calm	W 2	0	1	-----
8	60.16	57.99	21	35.3	96	40	Calm	ESE 3	0	1	-----
9	60.12	58.22	22.5	34.6	89	45	Calm	NW 2	1	1	-----
10	60.91	58.89	21.2	31.6	91	60	Calm	W 2	0	1	-----
11	60.17	59.02	25.3	32	88	64	Calm	W 2	2	2	-----
12	60.29	58.45	20.8	34.2	96	51	Calm	WNW 2	0	1	-----
13	60.12	59.39	26.5	30	68	59	N 2	N 3	1	3	-----
14	60.51	58.72	22.4	34.7	95	51	Calm	SE 3	0	2	-----
15	60	58.57	25.3	33.7	77	51	Calm	WNW 2	2	3	-----
16	60.42	60.21	25	31.6	85	62	Calm	WNW 2	1	3	-----
17	61.99	60.69	23	30.6	97	68	E 1	NW 2	0	2	-----
18	62.02	61.20	22.1	30	99	70	Calm	NNW 4	0	3	-----
19	61.39	60.62	24.5	31.1	75	56	N 2	NNE 4	3	2	-----
20	61.33	59.84	19.8	31.6	100	51	Calm	W 3	0	2	-----
21	60.90	58.84	19.1	31	93	59	Calm	NW 3	1	2	-----
22	60.14	58.42	20.3	30.1	90	75	Calm	NW 3	0	3	-----
23	61.25	59.26	19.2	33	96	52	Calm	NW 3	1	3	-----
24	61.12	59.47	19.1	31.2	95	66	Calm	NW 3	1	3	-----
25	61.22	60.91	20.4	29.5	96	80	Calm	WSW 2	2	7	-----
26	62.02	60.39	23	33.3	97	58	Calm	NW 3	1	3	-----
27	62.19	60.56	21	32.7	95	58	Calm	NNW 3	0	2	-----
28	62.02	61.32	20.3	28.3	90	75	Calm	NNE 4	2	7	-----
29	62.07	59.50	23	32.1	93	57	NNE 1	NNE 4	1	4	-----
30	61.02	59.77	19.5	31.1	93	55	Calm	NW 3	0	3	-----
31	61.92	60.64	20.8	31	96	59	Calm	WSW 3	0	4	-----
Mean	60.92	59.42	22.1	32.1	91.4	58	0.2	2.7	0.6	2.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	68.82	67.33	19.4	21.6	88	91	ENE 3	ENE 3	10	10	------
2	67.85	67.45	21	23.4	82	76	NE 4	NE 4	8	4	------
3	69.55	68.80	19.8	23.6	83	67	NE 3	ENE 3	6	4	------
4	67.65	66.24	22.6	26.3	84	74	SE 4	S 3	7	7	------
5	65.86	63.40	22.3	26.3	87	76	WSW 1	W 1	8	7	------
6	64.77	63.77	22	25.2	84	74	N 1	N 2	7	6	1
7	64.91	65.48	22.1	19.7	85	82	NE 4	NNE 5	8	10	13.7
8	69.32	70.33	18.6	20.4	71	69	NE 6	NE 6	10	6	------
9	71.78	69.22	17.8	21	72	65	NE 3	NE 4	7	5	------
10	68.68	67.10	18.9	24.2	82	72	ENE 3	ENE 4	8	0	1
11	66.79	65.41	20.8	24.8	83	68	E 2	ENE 3	7	7	5.1
12	65.47	63.63	21.4	24.4	78	71	NE 2	E 3	8	6	------
13	64.16	62.19	22.2	25.1	82	75	E 3	E 3	8	7	.8
14	62.73	62.72	22.4	26.1	87	68	Calm	NW 2	7	7	18.8
15	65.08	64.85	20.6	20.3	91	85	N 5	NNE 5	10	10	39.3
16	65.54	65	20.5	22.6	77	69	NE 4	NE 4	10	10	------
17	66.13	64.80	21.1	24.2	77	69	ENE 3	ENE 3	8	8	51.8
18	64.80	64.68	20	20.6	83	91	NNE 4	NEbyN 5	10	10	74.4
19	64.16	61.35	21.2	22.6	87	86	E 3	N 1	10	10	4
20	62.68	62.35	21.4	21	87	80	N 2	NNE 5	6	8	4.5
21	64.16	63.70	20.3	22.1	79	81	NE 4	NE 4	9	6	.7
22	64.36	64.23	20.4	24.2	81	60	ENE 2	ENE 3	8	7	------
23	65.11	64.31	20.4	25	78	80	E 1	E 3	6	4	------
24	64.38	63.27	21	26.5	82	73	ESE 2	ESE 3	7	6	9.9
25	64.86	63.78	20.4	20.1	76	80	NNE 4	NNE 4	10	10	18.4
26	63.43	62.62	20.6	24.2	82	75	ESE 3	ESE 3	7	7	------
27	63.77	63.67	20.6	21.6	82	86	N 2	NNE 4	8	10	7
28	64	62.65	21.3	23.5	88	79	ENE 3	ENE 3	10	7	.8
29	63.07	62.52	20.8	22.1	78	77	NE 3	ENE 3	8	10	3.5
30	63.66	63.24	20.1	21.1	84	84	E 2	E 2	10	10	3.5
31	63.62	63.41	20.3	23.4	91	71	ENE 1	E 1	10	10	2.5
Mean	65.52	64.63	20.7	23.1	82.3	75.9	2.8	3.3	8.3	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	260.7

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	63.37	62.46	21.6	23.6	86	83	E 2	E 1	10	10	13.4
2	63.11	62.51	21	22.7	85	77	NEbyE 3	NEbyE 3	10	8	4.3
3	63.81	63.38	20.4	21.7	83	73	ENE 4	NE 4	9	8	2.3
4	63.84	62.45	20.5	23.6	86	80	NE 4	NE 4	10	6	------
5	62.22	61.47	22	26	89	79	E 3	SE 4	4	2	12.8
6	61.65	62.62	22	25.2	84	76	W 1	N 2	10	4	8
7	63.22	62.12	20.8	24.6	88	77	NE 1	E 4	4	5	------
8	61.46	62.35	20.9	25.9	88	71	SSE 1	WNW 3	3	6	24.3
9	65.19	65.14	18.3	19.7	73	68	NE 5	NE 5	8	8	2.3
10	65.94	64.56	19.6	22.9	67	70	NE 4	ENE 2	8	9	------
11	64.56	64.32	17.8	20.4	75	76	Calm	N 2	3	8	2.5
12	66.09	66.42	18.4	20	73	64	NE 5	NE 5	8	5	------
13	67.04	66.81	17.6	21.3	65	52	NE 3	NE 4	6	3	------
14	66.62	65.97	19.5	24.5	74	61	ENE 3	E 3	9	7	------
15	65.12	64.62	20.5	26.1	82	71	ESE 1	ESE 2	0	3	------
16	64.66	63.65	22	26	88	69	ESE 2	ESE 3	1	3	------
17	63.76	62.44	22.6	27	82	64	SEbyS 3	SE 3	3	1	------
18	62.27	62.05	22.8	29.6	88	66	SSE 1	SSE 2	3	5	------
19	63.27	62.47	20.4	27.2	92	75	Calm	SE 1	0	5	------
20	62.52	62.13	20.2	28.8	92	69	Calm	SSE 2	2	1	------
21	62.36	61.18	22.8	27.6	76	71	S 2	S 2	3	7	------
22	61.74	60.78	23	28.9	83	66	SSE 3	SSE 2	4	5	------
23	61.09	61.06	22.4	20	88	87	NE 1	N 6	8	10	67.6
24	62.32	62.20	19.9	21.2	82	80	NE 5	NE 4	8	9	4.7
25	62.46	62.08	20	23.5	77	63	NE 2	NE 2	1	5	8.9
26	63.45	64.27	20.4	22.1	81	71	NNE 3	NE 3	10	10	1.5
27	64.17	63.68	21.6	24.7	80	70	E 3	SE 5	10	7	3.8
28	63.38	63.21	23.5	24	87	81	S 2	NE 2	7	8	3
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	63.60	63.16	20.8	24.2	81.9	71.8	2.4	3	5.8	6	-----
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	159.4

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	64.27	63.66	22	25.3	89	76	NE 3	NNE 2	8	4	------
2	64.17	63.16	19.8	26.2	91	72	Calm	NNE 2	1	3	------
3	64.15	63.05	21.9	25.1	83	78	NNE 3	E 3	8	8	------
4	61.71	61.49	21.5	26.6	90	77	Calm	SSE 2	7	6	66.8
5	59.60	58.66	23.7	28	85	74	SSE 4	SSE 5	4	5	------
6	57.99	57.22	25	29.5	83	73	S 5	S 5	5	4	------
7	58.39	58.23	22.3	29.6	94	70	Calm	ESE 2	0	3	------
8	59.61	58.65	24.8	29.1	90	71	SE 2	SSE 4	4	6	------
9	59.45	58.92	25.2	29.5	87	69	SSE 4	SSE 4	7	4	.3
10	60.35	59.72	24.9	28.9	84	69	ESE 1	ESE 4	8	4	------
11	59.82	58.62	23.6	28.6	86	68	ESE 1	SE 4	2	3	------
12	59.57	59.13	22.6	29.8	93	69	Calm	SSW 2	1	1	------
13	60.68	59.75	22.2	28.6	94	70	Calm	SW 2	0	4	------
14	62.26	62.39	22.4	23	82	74	N 4	N 5	6	8	2
15	65.40	65.25	21.2	22.3	80	72	NE 4	NE 5	8	9	------
16	64.43	62.55	21.6	26.6	77	60	ENE 2	ENE 3	3	3	------
17	62.62	62.41	24.1	29.1	78	68	ESE 4	SE 4	3	6	9.7
18	64.87	64.30	22.6	23.6	92	86	NNE 4	NNE 4	8	10	63.7
19	65.26	63.92	21.5	23.1	87	80	NNE 5	NE 5	10	10	16
20	62.28	60.88	22.9	24.6	89	82	NE 4	NE 4	10	8	3.5
21	60.68	59.93	22.2	27.9	88	64	NE 1	E 3	4	2	------
22	60.79	59.52	23.7	29.5	85	70	E 2	ESE 3	3	2	------
23	60.52	59.80	24.4	29.1	88	71	SE 3	SSE 3	2	4	------
24	60.82	59.88	24.3	29.6	89	70	SE 2	SE 3	1	4	------
25	61.44	60.74	22.6	27.1	91	76	Calm	SSE 2	0	7	------
26	62.30	62.27	22.6	24.2	93	79	N 3	NNE 4	5	8	------
27	63.85	62.87	22.6	24.2	76	75	NNE 5	NE 5	8	8	.9
28	63.26	62.23	23.6	28.3	86	71	ENE 2	E 3	4	8	.2
29	62.29	60.77	25	29.8	85	70	SE 3	SE 3	4	5	------
30	60.82	59.47	23.4	28.4	91	66	Calm	NW 3	7	4	------
31	59.62	58.97	24	28.6	83	66	WNW 1	NNW 2	3	3	------
Mean	61.72	60.92	23	27.2	86.7	72.1	2.3	3.4	4.6	5.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	163.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.32	58.59	24.2	29.7	84	67	SE 3	SE 5	4	4	------
2	59.42	59.38	25.2	30.1	85	68	ESE 3	ESE 3	3	2	------
3	60.89	60.34	24	29.6	86	64	ESE 3	ESE 3	4	2	------
4	61.19	60.87	23.8	26.7	86	77	Calm	N 4	1	7	31.8
5	62.77	62.54	22.4	23.2	81	80	NNE 5	NNE 5	9	9	.1
6	61.54	59.97	23	26.6	80	72	ENE 3	E 3	7	8	6.9
7	60.72	60.42	23.4	24.8	86	77	NW 3	N 5	4	7	------
8	63.05	63.15	22	23.1	72	69	NE 4	NE 4	8	9	------
9	64.77	64.72	21.4	23.2	71	68	NE 4	ENE 4	10	9	------
10	64.32	63.67	22.9	25.2	66	61	ENE 2	E 3	8	8	------
11	62.04	60.87	22	27.1	74	63	E 1	E 3	4	7	------
12	59.82	58.95	24	28.2	85	72	E 3	SE 3	8	7	------
13	59.09	58.64	23.4	28.4	91	69	ESE 1	WSW 3	3	0	------
14	59.76	59.55	25	27.6	90	72	WSW 2	WNW 2	3	4	------
15	61.12	60.77	24.1	28	86	70	E 2	EbyN 3	4	5	2.7
16	61.11	59.57	25.1	26.8	86	81	ESE 4	SSE 3	7	8	18.3
17	60.32	60.03	24	24.6	84	79	NE 4	NE 4	8	8	2.6
18	60.39	60.35	23.4	26.6	85	72	EbyN 5	EbyS 4	10	8	.8
19	60.37	59.59	25	28.8	83	72	SE 6	SE 5	8	7	------
20	61.28	60.96	26	30.8	90	73	SE 4	SE 4	4	5	------
21	62.69	61.77	26.2	29.8	89	76	ESE 3	SE 4	7	6	------
22	61.38	59.98	26.3	29.8	88	70	SE 5	SE 5	4	5	------
23	59.96	58.83	26.1	30.1	85	71	SSE 4	SW 3	4	3	------
24	59.31	59.22	24.6	30.2	92	71	SSW 1	SW 3	4	2	------
25	59.53	59.23	26	30.8	85	72	E 3	ESE 3	4	5	------
26	59.78	59.40	26.2	31.4	87	70	ESE 3	SEbyS 4	3	3	------
27	59.42	59.03	26.5	31	88	68	SE 4	WSW 3	4	2	------
28	59.05	58.93	26	30.6	90	70	SW 1	W 2	8	5	------
29	59.60	59.07	24.8	29.6	91	70	Calm	ESE 3	6	4	------
30	60.44	59.44	26	30.7	89	67	ESE 3	ESE 4	3	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	60.82	60.26	24.4	28.1	84.5	71	3	3.6	5.5	5.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	63.2

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.63	59.35	26	31.6	89	70	ESE 3	SE 4	1	5	------	51.09	43.55	26	27.5	90	84	NNE 5	NNW 6	10	10	55.4
2	60.49	60.05	26.8	31.2	92	66	SE 4	SE 4	5	3	2	50.24	51.51	27.3	27.9	87	93	WSW 4	WSW 4	10	8	2.3
3	61.28	61.12	25.4	25	88	89	ENE 3	NNE 3	5	10	99	53.29	54.45	26	28.2	92	85	N 5	NE 4	10	8	.3
4	61.62	60.06	24.2	26.2	88	84	NE 3	NE 3	9	7	2.2	55.63	55.75	26.5	28	90	85	E 3	E 2	7	10	1.2
5	58.85	58.05	24.7	27	92	83	Calm	ENE 3	9	9	23.4	55.22	54.74	25.7	26.2	94	86	ESE 3	S 5	10	10	17.9
6	59.57	58.40	23.9	27.8	86	79	NE 2	NNE 2	10	8	28.8	57.84	58.36	26.3	26.6	90	86	SSW 4	SSW 4	10	10	4
7	59.93	59.10	23.9	28.1	91	77	E 1	NE 3	10	5	5.2	58.53	58.83	26	29.2	92	81	SW 2	S 3	10	10	------
8	61.03	59.94	25	29.8	88	73	E 2	E 4	6	4	.2	58.72	58.27	26.5	29.6	91	79	SSE 2	SSW 3	8	8	------
9	58.04	56.70	26.8	31.1	89	71	SSE 1	S 4	5	5	------	58.16	58.13	26.9	30.7	90	74	SEbyS 2	SW 3	8	8	------
10	55.97	55.63	25	30.9	92	72	Calm	SW 3	3	6	------	58.30	58.94	26.2	30.2	90	77	SW 1	SW 2	2	4	------
11	56.48	56.75	26.6	30.9	87	72	ESE 1	WSW 2	9	4	------	58.97	58.43	25.7	30.3	88	76	SE 1	SSE 2	4	4	------
12	58.85	58.60	25.5	29.6	90	84	ESE 1	SE 3	6	6	.5	58.42	57.45	25.5	30.7	88	70	Calm	WSW 2	4	5	------
13	59.11	59.09	26.8	31.6	90	66	ESE 4	SE 4	4	4	------	58.18	57.62	24.5	30.8	90	71	Calm	SSW 2	6	7	------
14	59.44	59.04	27.6	32.1	84	69	SE 4	SE 4	5	4	------	58.65	58.66	27	31.8	83	67	SE 2	SE 3	4	4	------
15	59.23	58.51	27.6	31.6	84	69	SSE 4	SSW 3	3	3	------	58.94	58.12	27.2	31.7	81	68	SE 3	SE 3	3	4	------
16	58.81	58.07	27.1	30.8	88	74	SSW 2	SSW 3	4	6	------	58.43	57.51	27	32.1	84	69	SE 2	SE 3	3	3	------
17	58.95	58.54	23.6	32.6	91	66	Calm	SE 2	2	4	------	58.44	57.93	27.5	32.6	81	66	ESE 3	ESE 4	3	4	------
18	58.58	58.16	27.8	30.7	79	71	SE 4	SEbyS 3	8	8	------	58.11	57.56	27.6	32.1	84	66	ESE 3	ESE 5	4	5	------
19	58.88	58.38	27.7	31.6	79	72	SSE 3	SSE 4	5	6	------	57.54	55.85	27.9	28.2	81	82	ESE 3	E 3	4	9	7.7
20	58.43	57.61	27.8	31.6	79	73	SSE 4	S 4	8	4	------	54.35	54.20	27.5	31.3	84	70	ESE 5	SE 5	8	7	2.3
21	58.89	58.81	27	32.6	86	69	SSW 1	WSW 3	5	4	36.3	56.51	57.53	27.8	31	80	72	SSE 4	S 3	8	9	1.3
22	60.50	60.18	25.1	30.6	94	76	E 1	SE 1	10	10	5.6	58.10	58.39	28	31	85	71	SE 4	SSE 4	9	8	.3
23	60.60	58.73	26.6	31.2	87	71	Calm	ESE 3	6	3	------	59.45	58.98	27.4	31.9	84	70	ESE 3	ESE 3	4	4	2
24	59.11	58.47	25.1	30.3	91	74	Calm	ESE 2	1	5	.1	58.99	58.01	27.2	31.5	83	66	ESE 3	ESE 4	5	5	------
25	59.26	59.08	24	29.6	90	75	Calm	NE 4	2	6	34.3	58.15	57.58	27	32	83	67	SE 1	SE 2	3	2	------
26	60.23	58.95	26	28.9	89	74	NE 2	NE 3	7	7	------	58.38	56.88	25.8	32	84	69	Calm	SE 2	1	4	------
27	58.31	56.70	24.4	30.3	93	70	Calm	ENE 3	2	3	------	56.98	55.75	26	31.7	84	62	Calm	NE 2	2	5	------
28	55.77	54.92	24.4	31.4	91	70	Calm	WSW 2	7	3	------	54.61	53.87	27	31.2	80	66	NE 2	NNE 3	6	5	.6
29	55.31	54.90	23.6	32	95	64	Calm	WSW 2	0	2	------	52.35	51.27	27.6	27	87	89	N 4	NW 6	7	9	9.6
30	56.39	55.54	24.2	31.5	91	63	Calm	E 2	2	4	8	51.46	50.94	27.2	28.7	80	77	WSW 5	WSW 5	9	8	------
31	56.32	54.43	26.6	29.8	90	77	NE 3	NE 4	7	8	8.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.87	58.12	25.7	30.3	88.5	73	1.7	3	5.4	5.4	------	56.73	56.17	26.7	30.1	86	74.8	2.6	3.4	6.1	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	254.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	104.9

Day.	JULY.											AUGUST.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	53.77	54.50	27.2	31.7	85	73	SSW 3	S 3	7	8	------	58.60	58.65	25.8	30.6	90	69	Calm	SSE 1	1	7	------
2	56.58	56.65	27.8	27.1	86	96	SE 3	SE 2	7	9	9.1	58.83	58.05	26.4	31.5	90	68	W 1	WSW 2	3	2	------
3	57.45	56.28	27.1	31.1	85	70	ESE 2	ENE 3	4	5	1.3	57.41	56.40	27.3	31.2	82	68	W 2	W 3	4	5	------
4	55.72	55.22	25.5	30.6	89	66	Calm	NE 3	3	5	------	56.39	56.57	27.4	32	86	69	WSW 2	W 3	7	4	------
5	54.16	53.43	26.8	25.9	86	90	NE 2	NNE 3	7	10	34	56.82	56.85	26.4	30.6	87	72	Calm	W 2	2	5	------
6	51.90	49.55	26.7	29.9	86	75	N 3	NWbyN 4	5	9	2	58.03	57.64	26	29.7	90	75	Calm	WSW 2	4	5	------
7	46.02	45.74	27	26.6	88	92	WSW 5	SSW 6	10	10	31.6	58.40	58.27	27.2	31.2	86	69	ESE 2	ESE 3	4	5	------
8	51.25	52.62	27.6	27.6	84	81	S 3	S 3	10	10	.2	58.30	57.66	26.5	31.7	90	70	E 1	E 3	5	5	------
9	54.77	54.96	26.8	27.5	87	87	S 2	S 1	10	9	20.8	57.27	56.58	25.5	31.5	89	68	E 1	E 3	5	5	------
10	55.10	54.67	26.6	29.1	85	74	SW 2	SW 3	8	7	1.4	56.50	54.75	26	31.4	92	66	NNE 1	NNE 3	4	3	17.1
11	53.42	51.40	27.4	28.7	89	85	W 4	W 5	9	9	1.7	53.47	51.95	26.3	30.7	90	72	NNE 2	NNE 3	8	8	5.1
12	48.01	47.48	27.7	28.1	88	85	WNW 6	WbyS 7	10	10	12.3	50.22	48.70	27.2	27.6	89	87	N 3	NNW 5	8	10	104.9
13	51.30	53.06	27.5	29.3	85	74	SSW 6	SSW 5	10	10	1	39.41	37.83	27.2	25.6	89	95	NW 7	SSW 6	10	10	191.1
14	55.49	55.70	27.6	30.7	91	78	SE 2	SSE 2	5	9	------	51.54	53.04	26.6	29.9	87	79	S 2	SE 2	10	8	------
15	57.20	57.07	27.2	30.8	90	74	ESE 3	ESE 3	8	7	------	55.65	55.75	26.6	30.4	88	78	SE 1	SE 2	7	5	5.8
16	57.24	56.53	27.7	31.3	90	71	SE 3	SE 3	4	5	.1	57.03	56.48	25.5	31.5	92	69	Calm	ESE 2	6	7	------
17	55.54	54.54	26.4	30.2	86	72	NE 2	NNE 2	4	4	------	58.21	57.38	25.5	29.6	93	76	SE 2	SE 2	5	8	------
18	56	55.85	27	32	84	69	ESE 1	ESE 3	4	4	------	57.22	56.35	25	29.6	92	75	Calm	S 2	6	6	7.6
19	57.08	56.68	27.2	30.6	84	73	ESE 3	ESE 3	4	7	------	55.97	55.55	26.4	30.1	90	77	Calm	W 2	3	6	------
20	57.69	57.48	26.6	31.7	84	68	E 1	ESE 3	3	4	.3	53.88	52.80	26.6	27.6	89	83	SW 2	SW 1	7	10	33.8
21	57.90	57.20	26.1	29.6	86	74	NE 1	ENE 3	7	6	.2	50.74	49.08	24.5	26.8	96	93	SSE 3	NW 1	10	10	60.3
22	56.27	55.55	26.4	30.5	86	68	ENE 3	ENE 1	3	4	------	51.98	51.84	26.2	29.6	95	82	WSW 1	WSW 2	7	6	.1
23	54.40	53.07	25.7	31	93	68	Calm	NNW 2	3	4	------	53.50	53.84	26.4	25.9	89	89	SWbyS 2	WSW 2	7	10	29.5
24	52.47	51.81	27	30.3	84	71	WNW 3	WNW 4	4	6	------	54.94	54.32	25.8	25.6	92	93	SW 2	SW 3	10	10	20.6
25	51.30	50.49	27.2	30.6	86	74	WSW 4	SW 4	8	5	.1	53.66	52.88	26	26.1	89	91	SW 4	SW 3	10	10	8.2
26	50.80	50.77	27.4	28.2	83	82	SSW 5	SW 5	8	10	.3	51.66	51.41	26.6	24.6	85	95	SW 4	SW 2	10	10	41.7
27	52.27	52.63	27.4	29.1	82	77	SW 5	SW 5	6	5	------	50.66	50.25	25.1	27.6	89	79	SE 1	ESE 2	10	10	20.3
28	55.87	55.37	27.4	30	84	71	SW 5	SW 4	5	5	------	50.47	51.37	26.4	26.5	90	83	SSE 2	S 3	10	10	6.1
29	57.61	57.33	27.8	29.9	83	75	SW 3	SSW 3	4	5	2.8	53.04	53.16	26.4	28.6	85	79	S 4	SSW 4	7	8	9.4
30	57.99	57.48	26.8	30.6	83	65	SW 3	SSW 3	6	7	------	54.02	53.29	26.6	28.6	87	76	SSW 4	SSW 4	10	10	12.4
31	57.71	57.52	26.8	32	86	65	S 1	S 2	6	1	------	52.41	52.33	27	27.6	82	81	SSW 4	SSW 4	10	10	61.8
Mean	54.53	54.15	27	29.8	86.1	75.6	2.9	3.3	6.2	6.7	------	54.39	53.90	26.3	29.1	89	78.3	1.9	2.6	6.8	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	119.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	635.8

SANTO DOMINGO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	53.21	52.38	26.3	29.3	86	79	SE 3	S 2	10	9	6.5	60.05	59.42	24.2	25.1	85	81	NE 4	NNE 5	10	10	6.1
2	52.95	52.17	26	27.1	92	90	SW 2	WSW 2	7	8	1.5	61.05	60.24	24.2	24.8	83	79	NE 4	NE 5	10	10	3
3	52.84	52.85	26	28.9	92	76	WNW 2	NW 2	7	8	.8	60.57	60.18	24.4	25.6	83	78	NE 5	NE 5	8	10	67.6
4	52.60	51.69	26.2	29.7	90	77	NNW 1	NNW 2	7	8	------	61.21	59.21	25.6	29.1	87	77	E 5	ESE 4	10	7	1.9
5	51.44	50.22	26	28.4	89	82	NWbyN 3	NW 4	8	7	------	60.87	60.11	26	29.9	84	72	ESE 3	ESE 3	3	4	------
6	47.12	47.77	26.6	27.2	89	84	WSW 4	SW 4	8	10	9.4	61.36	60.86	25.6	27.5	84	82	ESE 2	ESE 1	3	7	3.8
7	50.97	51.64	26.2	29.1	87	77	SSW 3	SSW 4	4	7	.2	60.58	60.16	25.1	29.2	86	72	E 1	E 3	4	3	------
8	52.20	51.70	26.6	29.7	87	83	SSW 4	SW 4	6	6	------	61.97	61.21	24	28.2	91	75	E 1	E 1	3	6	------
9	51.49	50.99	26	29.1	91	77	WSW 4	WSW 4	4	8	------	61.98	61.35	25.4	27.9	85	78	NNE 2	ENE 2	7	6	2.7
10	51.15	51.30	26.2	29	94	82	WSW 3	WSW 3	6	5	------	61.76	61.36	24.8	28.1	85	71	ENE 1	NE 3	7	7	------
11	53.75	53.95	26.2	29.6	90	78	WSW 3	SW 4	5	7	9.1	60.90	60.48	24.5	25.7	86	78	NE 3	NE 3	8	8	1.3
12	55.43	55.44	26.3	29.6	90	75	W 2	WNW 3	8	8	62.2	61.45	60.97	24	25.3	81	74	NE 3	NE 3	8	8	------
13	55.68	55.82	25.8	29.9	91	72	ENE 2	ESE 3	8	5	14.2	62.17	61.78	22	26.7	82	66	Calm	NE 3	1	4	------
14	56.26	56.63	25.4	27.7	92	82	SSE 1	SSE 1	7	8	1.1	62.72	61.89	23.2	27.8	80	64	NE 2	NE 2	3	5	------
15	58.15	57.89	25.6	27.8	91	82	NNE 1	NNE 2	6	8	7.1	62.45	61.73	23.2	28.2	81	65	ENE 1	ENE 3	1	4	1.3
16	57.61	57	25.7	28.4	85	72	NE 2	NNE 3	5	5	9.1	62.15	61.77	24.4	29	82	65	ENE 1	ENE 3	4	5	1.8
17	56.39	57.02	25.2	26.8	82	75	N 4	N 4	10	8	18	62.76	62.48	24.6	29.6	80	62	ENE 2	E 3	6	4	------
18	56.20	55.77	26.1	27	88	84	NNW 3	NNW 4	10	10	61.3	62.61	62.07	25	29.1	80	74	E 2	E 2	5	4	------
19	55.74	57.23	24.4	24	91	83	WNW 6	WbyS 5	10	10	43.9	62.06	61.27	25.1	30.1	86	68	ESE 1	ESE 3	4	4	1.3
20	59.30	59.81	25.2	29.3	91	80	SSE 1	SSE 1	10	7	14.3	62.46	62.04	25	29.1	83	66	ENE 2	ESE 2	7	2	------
21	60.40	59.95	25.7	28.1	88	81	ENE 1	ENE 2	3	8	------	63.25	62.40	25.5	27.2	83	83	NNE 3	NNE 4	7	7	11.9
22	60	59.48	24.8	28.4	85	72	ENE 2	NE 4	1	5	------	63.33	62.98	25.7	29	82	68	E 3	E 3	5	7	------
23	59.55	58.31	26	24.8	82	87	NE 4	NNE 5	5	10	45.9	63.20	62.74	25.6	29.6	84	71	E 3	E 2	3	8	------
24	57.55	57.31	24.7	23.8	92	95	ENE 2	E 1	10	10	38.7	63.98	63.40	25.6	29.2	85	72	E 2	ESE 3	7	4	------
25	57.07	57.83	26.3	29.6	91	77	E 3	ENE 3	6	8	6.2	63.53	63.08	25.2	28.8	85	73	ESE 2	SE 3	3	6	------
26	58.58	57.95	24.7	28.7	85	74	ENE 1	NE 2	6	4	.3	63.67	62.58	24.7	28.8	91	72	E 1	E 3	3	6	.2
27	56.64	55.70	26.6	29.6	80	70	N 3	N 3	7	6	------	63	61.83	25.3	29.2	86	71	ESE 1	ESE 2	5	4	------
28	55.38	54.27	25.7	28.6	83	78	NNW 4	WNW 4	7	7	------	62.84	62.09	25.1	28.9	88	70	E 2	E 1	6	7	------
29	53.47	53.11	26.4	27.4	86	81	SW 4	SW 5	8	8	.3	62.79	61.60	24.8	28.7	90	70	ENE 1	ENE 2	5	7	1.5
30	56.15	56.90	26.4	28.4	89	80	S 1	SSE 2	8	8	4.1	62.65	62.01	24.5	28.5	91	74	NE 2	E 3	4	5	------
31	------	------	------	------	------	------	------	------	------	------	------	63.50	63.14	24.2	27.2	90	75	E 2	NE 3	7	8	4.9
Mean	55.18	54.99	25.8	28.2	88.3	79.5	2.6	3.1	6.9	7.5	------	62.22	61.56	24.7	28.1	84.8	72.5	2.2	2.8	5.4	6	------
Total	------	------	------	------	------	------	------	------	------	------	354.2	------	------	------	------	------	------	------	------	------	------	109.3

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	64.55	63.65	24	27.5	88	73	NE 2	E 2	8	6	------	62.22	61.42	24.2	28.4	90	76	E 2	E 3	6	7	0.5
2	63.39	62.65	24.6	28.2	87	77	ENE 2	E 3	7	7	------	62.95	62.20	24.6	29.4	91	76	E 2	E 3	5	5	------
3	61.87	61.12	25.1	28.8	89	75	E 3	ESE 3	4	3	------	62.25	61.37	24.9	28.6	87	75	ESE 2	ESE 3	5	4	------
4	60.41	59.83	24	29.3	88	69	Calm	SSE 3	2	4	------	60.80	60.25	25.2	27.5	90	85	ESE 1	ESE 2	4	8	2
5	60.22	59.88	24	26.7	90	79	SSW 1	NNW 3	3	8	8.9	60.30	59.31	25.1	29.5	91	72	ESE 2	E 3	8	4	1.1
6	60.29	59.99	24.5	28.7	89	73	ENE 2	E 3	7	5	------	61.42	61.06	23.9	25.2	92	86	Calm	NNE 4	7	8	30
7	60.66	60.14	24.7	28.9	88	72	E 3	ESE 3	7	5	6.6	62.37	61.51	23.6	24.1	86	87	NE 2	NNE 4	9	10	18
8	60.77	59.92	24.5	28.1	91	74	ENE 1	ENE 3	4	6	5	61.84	61.42	23.3	24.2	89	88	NE 3	NNE 2	9	10	32.6
9	60.17	60.61	24	26.7	91	77	NE 3	NE 3	8	7	17.3	62.35	61.99	23	25.6	95	81	E 3	E 3	10	10	17.2
10	61.64	61.26	24.1	26	94	82	NE 3	NE 3	10	9	58.9	62.05	61.41	24.2	26.5	91	76	E 4	ESE 4	10	10	.3
11	61.85	60.46	23.8	24.8	91	89	N 4	NE 2	9	10	23.6	61.62	61.12	24.7	29.6	89	71	SEbyE 3	SE 3	4	4	63
12	61.48	60.07	24.8	28.1	87	77	ENE 2	ENE 3	8	7	33	61.58	62.20	23	22.6	91	89	NNE 3	NNE 4	10	10	34.3
13	61.03	59.55	25	28.1	87	79	ESE 3	ESE 3	7	7	3.6	64.12	63.50	21	22.7	73	72	NNE 5	NE 5	7	8	2.4
14	59.92	58.99	25.4	29.6	90	70	SE 4	SSE 3	3	4	------	64.20	63.70	21.8	23.2	75	70	NE 3	NE 3	10	10	.2
15	60.07	59.84	24.7	23.8	92	90	SSE 1	NNE 3	7	10	53.1	62.95	62.03	22.4	23.6	81	75	NE 3	NE 3	10	10	1.8
16	60.97	58.97	24.3	27.1	91	78	ENE 1	ENE 3	4	7	------	63.05	62.57	22.1	22.9	90	92	ENE 2	ENE 2	10	9	2.2
17	59.55	59.20	24.6	24.3	88	92	SE 2	NNE 3	7	10	76.1	62.63	62.07	22.8	25	93	83	E 1	SSE 2	10	8	8.4
18	59.97	59.40	24.2	24.3	90	86	E 2	NNE 3	10	10	15.8	63.37	62.75	23.5	24	90	90	NNE 4	NNE 4	10	10	2.4
19	60.92	60.03	24.6	25.2	87	83	E 2	EbyS 3	9	10	53.8	63.20	63.30	21.6	26	87	76	NE 3	E 3	8	5	------
20	60.57	59.27	25.2	29.1	90	71	SE 1	SW 3	6	4	.3	63.65	63.25	23.1	25.8	90	79	ESE 2	ESE 4	4	4	------
21	60.85	61.20	25	24.6	81	82	N 2	NNE 4	7	7	1.8	61.97	60.42	23.4	26.8	90	75	E 3	ESE 2	7	6	------
22	63.22	62.22	23.2	26	80	65	NE 4	NE 4	8	6	------	60.07	58.95	23.8	28.4	90	76	SSE 2	SW 3	5	4	------
23	62.19	60.89	24.4	24.2	78	86	ENE 3	E 2	8	10	6.8	61.72	61.72	23.6	24.1	88	87	N 2	NNE 4	7	9	2.6
24	59.94	59.58	24.8	26.6	84	80	SSE 3	N 4	7	4	3.5	63.51	62.52	22.7	27	89	71	ENE 3	E 4	10	5	2
25	61.02	60.62	23.3	26.4	90	78	NNE 2	NE 3	7	7	------	62.89	60.90	24	29	91	76	ESE 3	SE 4	10	5	17.7
26	62.75	62.01	21.8	26.5	93	80	Calm	ENE 2	2	8	.5	62.77	62.35	24	25.6	86	83	NNE 3	NNE 4	8	8	8.9
27	63.30	63.66	24.4	23.1	89	93	NE 2	NNE 5	8	10	66.3	63.97	63.79	23	25.4	91	79	NE 4	ENE 3	8	8	44.5
28	65.02	64.42	21.1	21.1	90	80	N 6	N 6	10	10	24.4	63.62	63.32	22.1	23.4	92	83	N 5	NNE 5	10	10	9.4
29	63.13	62.85	22.1	22.6	84	93	NE 4	NE 5	10	10	44.1	64.20	62.94	21.4	24.1	87	70	NE 5	NE 5	5	8	24.7
30	62.33	61.45	22.5	27.7	94	76	ESE 1	E 3	10	8	1.8	62.02	61.59	21.6	23.4	89	81	NE 4	ENE 4	10	10	25.2
31	------	------	------	------	------	------	------	------	------	------	------	62.52	61.29	22.2	26.9	91	70	E 3	E 3	10	4	5.6
Mean	61.47	60.79	24.1	26.4	88.4	79.3	2.3	3.2	6.9	7.3	------	62.52	61.88	23.2	25.8	88.5	79	2.8	3.4	7.9	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	505.2	------	------	------	------	------	------	------	------	------	------	357

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1914.

SURIGAO.[a]

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
												Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.[b]	Average hourly velocity.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°C.	°C.		°C.		P.ct.	mm.	mm.		0–10										Km.	Km.	Km.
January	------	----	----	--------	----	------	----	------	------	-----	----	---	---	---	---	---	---	---	---	----	--------	------	------
February	761.53	25	30.4	20, 26, 28	19.6	14	81.3	82.7	18	14	5.2	7	62	20	3	0	0	0	0	76	7,989.4	285.3	11.9
March	60.22	26.1	31.2	12	22.2	23	86.1	240.6	44.2	26	6	3	46	53	12	0	1	0	4	67	--------	245	10.2
April	59.98	26.4	[c]31.5	6	21	30	87	227.5	50	2	5.7	7	24	43	2	0	0	0	3	101	--------	161.8	6.7
May	58.27	27.2	32.5	22, 25	22	17, 23, 25	85.3	258	56.7	11	6.3	7	5	41	4	0	20	10	6	93	--------	198.3	8.3
June	58.10	27.3	32.5	21, 29, 30	[d]22.4	27	84.2	230.4	63.5	24	7.3	11	3	22	0	2	21	5	10	106	4,732.5	157.8	6.6
July	57.43	28.1	33.6	12	22.8	29	77.8	97	36.6	16	7.3	1	0	1	2	0	60	48	3	71	7,503.2	242	10.1
August	57.68	28.1	35.4	27	23	24	74.3	98.4	46	2	6.2	0	1	0	0	0	70	40	12	63	7,452.7	240.4	10
September	57.72	28.5	35.6	8	22.3	19	75.2	79.5	19.3	18	6.6	0	1	0	0	0	84	30	4	61	7.492	249.7	10.4
October	60.28	26.4	33.2	5	[e]21.5	17	85.8	250.9	44.7	24	5.6	8	32	20	0	4	0	0	6	116	--------	------	------
November	59.37	26.4	31.8	13, 30	21.8	13	86.4	289.8	73.2	25	5.2	5	34	40	5	0	2	1	3	90	--------	------	------
December	59.84	26	31.3	1	20.7	29	86.9	449.8	61	10	7.3	3	21	52	8	3	1	0	8	90	--------	------	------
Year	------	----	----	--------	----	------	----	------	------	-----	----	---	---	---	---	---	---	---	---	----	--------	------	------

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January	761.89	25.9	30.1	1	21.4	11	74.3	59.1	12.7	12	4.5	93	85	1	0	0	1	0	8	3	12,508.1	403.5	16.8
February	61.57	26	30.9	23	21.5	24	68.5	5	3	14	3.4	63	84	1	2	1	0	0	12	5	10,954.9	391.2	16.3
March	60.20	27.3	32.3	26	21.5	19	70.9	29.7	10.2	16	3.9	65	102	6	0	0	0	0	2	11	12,281.2	396.2	16.5
April	59.91	28.1	32.6	7	22.6	12	72	32.7	19	11	3.5	41	97	7	3	2	1	0	6	23	10,125.5	337.5	14.1
May	58.39	28.5	33.9	25	22.9	14	72.5	63.8	14.7	13	4.3	23	60	2	4	22	33	6	13	23	11,009.3	355.1	14.8
June	58.10	28.2	33.9	14	22	23	75.1	202.9	32	12	5.7	15	26	5	7	25	46	13	12	31	9,957.7	331.9	13.8
July	57.51	28.1	33	29	23.8	6, 30	74.5	34.4	7.9	6	5.2	5	5	0	2	31	129	9	4	1	15,905.2	513.1	21.4
August	57.81	28	32.5	1	23.5	7	74.2	64.8	25.7	3	5	3	3	1	2	33	114	7	10	13	16,367.4	528	22
September	57.83	28.2	32.5	10	22.7	21, 23	73.7	89.2	39.6	23	5.2	2	2	1	5	36	104	6	13	11	15,321.3	510.7	21.3
October	60.21	27.9	33.5	5	23.3	26	73.3	[f]73.7	26.4	9	3.8	50	75	3	7	2	2	2	35	10	9,057.7	292.2	12.2
November	59.33	27.8	32.5	21	22.8	11	74.4	43.6	11.7	26	3.3	88	41	1	1	1	0	1	15	32	10,204.9	340,2	14.2
December	59.93	27.2	32.5	5	22	7	74.9	81.3	24.7	7	4	88	77	2	1	0	0	0	9	9	10,581.2	341.3	14.2
Year	759.39	27.6	33.9	---------	21.4	-------	73.2	780.2	39.6	-----	4.3	536	657	30	34	153	430	44	134	172	144,274.4	395.1	16.5

ILOILO.

January	761.75	25.3	30.5	14	19.5	11	75.8	21.9	11.2	1	4.9	103	81	1	0	0	0	0	0	1	17,041.8	549.7	22.9
February	61.29	25.4	33.6	23	19.8	19	68.9	0	0	0	3.1	79	86	2	0	0	1	0	0	0	13,854	494.8	20.6
March	59.82	27.2	35.3	6	21.5	31	70.5	19.8	13.2	17	3.9	98	79	6	0	0	0	2	0	1	13,984.5	451.1	18.8
April	59.44	28.5	36	7	22.6	16	70	9.4	8.1	28	4.3	68	82	10	0	0	3	2	2	13	--------	------	------
May	58.07	28.4	35.6	10	23.4	20, 21, 31	74.5	263.9	136.7	30	6.2	37	49	12	2	5	26	15	12	28	9,055.2	292.1	12.2
June	57.95	27.5	33.7	13	22.4	19	81.6	383.4	67.5	18	8.2	21	22	9	7	13	61	6	11	30	7,275.2	242.5	10.1
July	57.51	27.3	31.8	30	22.3	1	81.8	389.9	94.1	1	7.6	2	2	0	3	21	135	8	1	14	11,288.8	364.2	15.2
August	57.80	27.2	31.6	2	22.1	11	81.5	539.5	97.8	10	7.7	4	3	0	2	10	134	7	3	23	--------	347.8	14.5
September	57.87	26.8	31.9	19	21.8	14	83.7	616.4	89.1	25	7.2	2	3	0	3	13	132	5	4	18	10,388.3	346.3	14.4
October	60.08	27.1	32.7	4	22.5	12	77	50	21.3	8	4.6	86	72	6	3	0	4	1	8	6	10,773	347.5	14.5
November	59.07	27.3	32.1	21, 24	22.4	5	75.3	2.8	2.8	26	4.5	87	86	3	0	0	0	0	3	1	12,789.9	426.3	17.8
December	59.68	26.7	32.4	22	21.2	26	75.7	53.3	19.8	26	4.7	97	82	4	1	0	1	0	1	0	13,263.4	427.9	17.8
Year	759.19	27.1	36	---- ----	19.5	-------	76.4	2,350.3	136.7	-----	5.6	684	647	53	21	62	497	46	45	135	--------	------	------

ORMOC.

January	762.08	25.4	32.3	24	17.1	11	76.6	40.2	16	12	6.4	36	64	4	9	15	9	12	11	26	--------	145	6
February	61.73	25.1	33.2	3	16.6	19	71.2	2.5	1.1	14	5.1	28	70	10	5	20	8	10	9	8	4,833.3	172.6	7.2
March	60.39	26.3	34.9	25	19.3	19	75.6	46.4	20.4	27	6.1	28	64	10	15	26	12	7	15	9	4,861.9	156.8	6.5
April	60.06	26.6	34.6	25	18.2	30	79.6	97.8	49.3	3	5.6	19	25	13	18	19	12	12	20	42	4,224.3	140.8	5.9
May	58.49	27.5	34.7	4	20.6	2	79.5	104.8	19.1	27	6.7	4	7	5	10	35	8	2	10	105	4,772.8	154	6.4
June	58.26	27.1	33.2	16	21.9	14	83	297.4	37.8	16	7.6	3	3	6	27	30	8	3	4	96	5,537.8	184.6	7.7
July	57.73	27.5	32.2	3	21.3	30	81.4	153.8	85.1	19	7.6	5	3	2	50	29	9	4	7	77	6,852.9	221.1	9.2
August	58	27.6	32.3	27	21.8	2	80.2	248.7	104.2	7	7.8	2	0	7	30	54	12	0	3	78	7,767.8	250.6	10.4
September	58.04	27.7	33	19	21.4	21	80.8	87.7	20	8	7.6	2	3	1	30	53	6	4	6	75	6,742.1	224.7	9.4
October	60.46	26.1	33.1	28	19.5	28	84.4	155.7	22.6	7	6	12	10	5	11	14	11	5	7	111	3,887.7	125.4	5.2
November	59.63	26.3	33.3	8	20.4	8	81.8	89.1	24.8	26	5.9	5	15	4	5	13	6	7	10	115	3,826.4	127.5	5.3
December	60.15	26.2	32.8	7, 9	18.9	23	80.7	115	44.4	5	6.1	6	29	2	5	13	6	4	5	116	3,763.4	121.4	5.1
Year	759.58	26.6	34.9	---------	16.6	-------	79.6	1,439.1	104.2	-----	6.5	150	293	69	215	321	107	70	107	858	--------	168.7	7

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[a] This station was temporarily closed during the month of January.

[b] Owing to some unavoidable defects in the recording instrument, the velocity of the wind had to be omitted occasionally for a few days in several months and in several of the stations included in these summaries.

[c] 28 days of observation.

[d] 27 days of observation.

[e] 22 days of observation.

[f] 30 days of observation.

CAPIZ.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
												Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°C.	°C.		°C.		P. ct.	mm.	mm.		0-10										Km.	Km.	Km.
January	762.54	24.9	30.5	31	19.3	11	84.1	73.9	21.7	12	6.6	5	121	4	0	0	0	0	0	56	--------	178	7.4
February	62.12	24.8	31.9	28	17.4	19	81.1	1.9	1.1	13	3.5	1	89	9	0	0	0	0	0	69	--------	161.2	6.7
March	60.72	26.5	32.8	13, 22, 24	21.6	11	82.6	20.8	9.4	5	4.2	5	90	20	1	0	0	0	2	68	5,205.1	167.9	7
April	60.17	27.6	34.3	26	22.2	17	79.1	43.6	21.3	12	4.1	6	72	18	1	0	0	0	0	83	4,542.5	151.4	6.3
May	58.44	28.5	34.7	6	23.4	16	78.6	90.3	42.6	15	5.1	6	48	19	0	4	6	2	14	87	--------	149.5	6.2
June	58	27.3	35	4	23.2	6, 26	84.3	217.8	34.3	18, 19	7.5	5	21	4	2	25	11	5	9	98	3,864.1	128.8	5.4
July	57.28	27.2	35.2	10, 15, 16	22.2	29	82.8	119.4	56.4	17	6.7	7	3	0	12	33	14	9	16	92	3,761.7	121.3	5.1
August	57.58	26.7	35	30	21.7	25	84.3	274	30.5	6	6.8	5	0	0	6	39	6	7	17	106	3,450.7	111.3	4.6
September	57.71	26.7	34.4	6	22.2	19, 24	85.1	183.7	30	25	7.6	10	4	0	8	35	15	13	8	87	3,345	111.5	4.6
October	60.53	27.1	83.2	3	22.2	1, 26	82.3	102.2	38.1	3	4.8	8	71	7	0	0	0	0	1	99	--------	125.4	5.2
November	59.64	27.4	32.8	23	23.2	9	82	33.3	10.4	26	4.8	3	63	28	1	0	0	0	0	85	--------	148.1	6.2
December	60.27	26.7	32.7	1	21.6	16	82.5	25.6	6.1	29	5	12	83	15	1	0	0	0	1	74	4,706.1	151.8	6.3
Year	759.58	26.8	35.2	---------	17.4	--------	82.4	1,186.5	56.4	-----	5.6	73	665	124	32	136	52	36	68	1,004	--------	142.2	5.9

LEGASPI.

January	762.84	25.2	31.3	6	18.1	7	79.6	210.5	79.5	2	5.1	81	75	5	0	0	0	0	0	25	--------	264.6	11
February	62.25	25.4	32.2	24	16.7	19	75.1	42.6	15.5	11	3.4	47	66	12	0	0	0	0	0	43	--------	202.1	8.4
March	60.85	27	33.1	23	20.1	31	77.3	119.4	35.5	5	3.7	47	93	31	0	0	0	0	0	15	--------	252.7	10.5
April	60.30	28	34.1	30	22.4	14, 17	78.1	141	31	22	3.6	32	111	20	0	0	0	0	0	17	--------	213.7	8.9
May	58.39	28.8	35.1	21	22.1	24	76.8	67.7	23.6	29	4	40	65	30	0	0	7	3	1	40	--------	193.7	8.1
June	57.52	28	35.1	5	23	3	82	271.8	173.5	18	5.9	23	41	15	5	19	16	11	1	49	--------	222.4	9.3
July	56.53	27.6	34.8	30	22.6	8	81.6	191.7	43.5	16	5.9	0	7	2	0	8	96	35	0	38	--------	291	12.1
August	56.72	27.7	34.9	2	22.5	6	80.2	83.9	24.1	6	5.7	3	10	4	0	17	107	12	1	32	--------	301.5	12.6
September	56.90	26.9	34.7	19	21.6	21	84.6	228.1	29	12	6.6	2	3	2	1	18	114	6	2	32	--------	251.2	10.5
October	60.59	27.6	34.1	1, 2	21.3	12	79.3	150.5	43.1	31	3.9	69	83	9	1	0	1	1	0	22	8,215.8	265	11
November	59.89	27.5	33.1	3, 24	22.4	17	81.3	211	23.6	20	4.1	94	64	4	0	0	0	0	1	17	--------	253.2	10.6
December	60.45	27.1	32.8	5	21.2	26	80.4	169.8	35.7	11	4.2	91	75	7	0	0	0	0	0	13	--------	287.7	12
Year	759.44	27.2	35.1	---------	16.7	--------	79.7	1,888	173.5	-----	4.7	529	693	141	7	62	341	68	6	343	--------	249.9	10.4

ATIMONAN.

January	763.52	24.7	29.7	31	20	25	82.5	183.9	60.3	3	6.7	64	96	3	0	0	2	0	12	9	--------	531.4	22.1
February	62.52	24.7	30	20	18.3	18, 19	80.4	66.7	26.2	11	5	30	82	11	0	0	0	8	24	13	--------	295	12.3
March	61.17	26.5	32.3	26	19.6	31	79.1	24.5	7.9	1	4.7	66	73	0	0	5	2	5	19	16	11,251.8	363	15.1
April	60.41	27.4	33.7	29	21.2	1	81.4	111.6	55.2	9	5.7	61	55	0	0	0	3	7	31	23	9,602.2	320.1	13.3
May	58.52	28.4	33.9	24	21.9	5	80	110.4	84	19	5.5	52	51	0	2	0	14	28	21	18	8,471.5	273.3	11.4
June	57.44	27.7	33.6	6	22.9	19	82.5	424.4	119.4	18	7.3	30	24	0	1	35	32	5	28	25	--------	308.4	12.8
July	56.26	27.6	34.4	15	22.6	17	78.8	58.2	19	3	7.7	2	0	2	1	24	98	23	11	25	8,247.9	266.1	11.1
August	56.44	27.5	33.5	29	22.8	16	77.9	85	15.8	13	7.6	9	2	2	4	14	92	23	25	15	9,030.4	291.3	12.1
September	56.74	26.3	32.8	11	21.6	15, 16, 17	83.6	280.1	46	21	7.5	8	2	2	1	8	109	18	13	19	8,694.9	289.8	12.1
October	60.79	27	32.5	1	21.5	27	81.7	204.4	34.3	3	5.8	30	115	4	1	0	4	8	13	11	--------	345.5	14.4
November	60.03	27.4	31.1	13	22.6	9	81.9	94.5	33.8	27	5.5	33	125	4	0	0	0	0	2	16	--------	327.5	13.6
December	60.75	26.5	30.5	3	20.8	31	83.7	124.1	20.1	21	6.4	24	123	14	1	1	0	1	10	12	--------	231.6	9.6
Year	759.55	26.8	34.4	---------	18.3	--------	81.1	1,767.8	119.4	-----	6.3	409	748	42	11	87	356	126	209	202	--------	320.2	13.3

PARACALE.

January	763.63	24.9	29.7	24	19.5	29	81.1	289.1	108	2	6.6	3	124	33	0	0	1	0	0	25	11,517.8	371.5	15.5
February	62.63	24.2	30.3	3	18	22	82.8	123.8	33.3	10	5.1	3	46	61	0	0	0	0	0	58	5,925.9	211.6	8.8
March	61.35	25.9	31.5	12	19.1	12	82.2	79.7	32.4	15	4.5	0	41	62	0	0	0	0	0	83	5,327.9	171.9	7.2
April	60.67	27.2	33.8	17	21.6	14	82.5	122.8	29.1	5	4.6	0	32	47	1	0	0	0	0	100	--------	143.3	6
May	58.72	28.2	33.6	25, 30	23.5	24	82	66.5	24.9	10	4.4	4	40	28	1	0	2	2	1	108	3,684.3	118.8	5
June	57.51	27.9	34.6	5	22.3	19	83.2	259.8	138.1	18	7.4	4	45	5	0	24	13	0	0	89	4,126.4	137.5	5.7
July	56.27	28.2	35.3	9	23.3	18	79.5	85.9	32.2	15	7.4	1	7	0	0	15	43	4	1	115	3,501.4	112.9	4.7
August	56.52	27.6	34.5	30	23.1	2	82.1	192.7	34.3	10	7.3	4	10	0	0	17	27	3	4	121	3,105.8	100.2	4.2
September	56.73	27.1	34	11, 16	23	13, 21	84.2	115.5	19.4	22	7.2	12	7	0	0	15	37	4	1	104	3,313.9	110.5	4.6
October	61.18	27	32.8	1	22.4	10, 16	81.6	251.4	50.5	31	5.9	0	100	5	0	0	0	1	1	79	4,744.9	153.1	6.4
November	60.51	26.7	31	15, 24	22.1	2	84.8	214.5	29.7	28	5.6	0	95	8	0	0	0	0	0	77	4,426.9	147.6	6.2
December	61.16	26.2	30.6	19	19.9	26	84.7	273.8	44.5	15	6.8	0	131	1	0	0	0	0	0	54	--------	163.8	6.8
Year	759.74	26.8	35.3	---------	18	--------	82.6	2,075.5	138.1	-----	6.1	31	678	250	2	71	123	14	8	1,013	--------	161.9	6.8

DAGUPAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
												Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°C.	°C.		°C.		P.ct.	mm.	mm.		0-10										Km.	Km.	Km.
January	762.54	25.1	34.5	15	17.6	12	70.8	0	0	0	3	15	1	4	54	38	12	0	49	13	--------	252.8	10.5
February	61.53	25.7	34.6	22	18.4	20	70.5	0	0	0	2.9	6	1	4	57	20	4	5	59	12	7,234.1	258.4	10.8
March	59.99	27.6	37.8	24	19.8	4	72	7.8	6.8	7	2.2	9	4	4	46	23	10	1	78	11	7,940.8	256.2	10.7
April	59.43	28.8	38.7	24	22	3	72.1	112.2	55.9	5	2.7	10	4	4	51	24	6	7	64	10	7,446.3	248.2	10.3
May	57.70	29.2	38.8	3,5	23	12	74.6	175.6	45.2	5	4.4	5	3	11	59	26	7	10	52	13	7,425	239.5	10
June	56.67	28	37.3	17	21.9	20	81.6	424.6	124.5	22	6.6	9	3	6	69	21	3	12	46	11	7,157.7	238.6	9.9
July	55.71	27.1	35.8	19	21.8	27	85.4	693.4	126.8	26	8.3	5	6	11	81	26	13	22	5	17	6,082.8	196.2	8.2
August	55.93	26.8	35.8	8	22.7	23	86	914.4	144.3	22	8	7	8	15	45	14	20	21	31	25	6,185.7	199.5	8.3
September	56.26	26.8	34.5	25	23	23	85.8	665.7	184.6	3	7.4	9	8	5	52	15	8	19	45	19	5,496.4	183.2	7.6
October	60.25	27.4	35.2	9	20.6	30	76.9	201.5	93.2	4	3.8	13	3	14	80	29	5	5	22	15	6,127.9	197.7	8.2
November	59.50	27.4	35.5	23	20.6	19	74	5.8	3.8	3	2.6	17	4	7	72	21	6	2	33	18	6,482.9	216.1	9
December	60.15	27	36.1	5	19.1	28	73.6	.8	.8	24	2.6	14	0	1	66	33	10	4	46	12	6,727.2	217	9
Year	758.80	27.2	38.8	---------	17.6	-------	76.9	3,201.8	184.6	-----	4.5	119	45	86	732	290	104	108	530	176	--------	225.3	9.4

BAGUIO.[a]

January	639.26	15.9	24.3	21	9	9	78.4	0	0	0	4.4	4	32	55	31	3	44	6	1	10	11,572.2	373.3	15.6
February	38.45	16.2	24.2	3	10.2	21	79	0	0	0	4.7	7	18	43	25	5	55	3	2	10	10,271.6	366.8	15.3
March	38.05	18.2	27	5,6	12.6	4	81.6	15.5	4.6	15	5	4	20	24	34	4	72	4	3	21	--------	342	14.2
April	38.08	19.1	27.6	21,26	14.4	14	82.9	117.6	34.8	5	4.8	12	18	32	22	5	54	13	4	20	9,720.9	324	13.5
May	36.87	19.4	26.8	12	15.4	7	86.9	436.2	65.1	31	6.6	7	26	39	23	1	60	15	3	12	9,797.2	316	13.2
June	35.74	18.7	26	17,18	11.8	20	87.5	457.8	186.9	1	7.6	11	14	33	31	17	39	18	7	10	--------	377.3	15.7
July	34.65	18.1	25.6	20	14.4	27	94.4	1,464.7	213.4	26	8.7	1	5	26	18	3	97	21	1	14	16,995.8	548.3	22.8
August	34.62	17.5	24.2	4	14.3	27	94.8	2,511.4	328.2	27	8.5	b5	9	13	8	3	87	22	3	14	--------	374	15.6
September	34.99	17.4	24.8	26	13.9	10	94.7	1,194.2	259.5	1	8.2	c4	4	11	10	2	28	59	10	24	--------	306	12.8
October	38.45	18.1	27	29	13.2	25,31	83.1	63.2	22.6	12	5.5	2	8	58	32	5	22	31	5	23	9,772.3	315.2	13.1
November	37.84	18.3	26.4	26	13.9	5	81.1	29.4	26.9	2	4.3	4	4	63	34	9	17	27	0	22	9,713.4	323.8	13.5
December	38.25	18.2	26.4	1	13.2	various	80.1	7.5	2.6	16	4.4	3	8	79	36	3	22	20	2	13	--------	328.1	13.7
Year	637.10	17.9	27.6	---------	9	-------	85.4	6,297.5	328.2	-----	6.1	64	166	476	304	60	597	239	41	193	--------	357.9	14.9

VIGAN.

January	762.91	24.9	32.4	3	17.6	12	72.2	0	0	0	3.1	22	21	15	8	1	3	7	52	57	6,138.1	198	8.2
February	61.95	25.1	31.4	10	17.5	24	74.7	0	0	0	3	26	7	5	10	1	2	17	46	54	5,448.8	194.6	8.1
March	60.47	26.8	33.3	28	20.2	2	81.8	0	0	0	1.9	21	1	8	3	5	10	20	59	59	--------	201.2	8.4
April	59.90	28.2	34.2	26	22.3	8	82.8	0	0	0	1.7	18	7	15	4	2	16	26	58	34	7,307.3	243.6	10.2
May	58.11	29.2	35.2	19	23.2	6	78.3	78.7	17.5	14	4.5	13	9	28	24	7	29	20	29	27	7,346.2	237	9.9
June	56.87	d28.2	d34.1	28	d21.6	20	d80.7	d311.5	d155	1	d6.1	e3	2	15	12	15	27	15	25	50	--------	210.5	8.8
July	55.76	27.1	32.2	1	21.7	26	88.3	1,086.8	171.7	8	8.4	0	4	15	26	62	45	5	5	24	8,650.9	279.1	11.6
August	55.77	26.6	34	7	22.2	24	88.8	1,396.1	266.7	23	7.7	7	6	12	16	52	50	7	15	21	--------	259.8	10.8
September	56.41	26.5	32.5	20,22	22.7	10,30	90.5	655	105.6	30	6.7	9	7	15	5	46	49	13	8	28	6,994.1	233.1	9.7
October	60.60	27.4	33.7	16	22.2	2	80.3	18.1	12	1	2.6	9	7	37	17	2	6	16	51	41	5,642.1	182	7.6
November	59.90	27.1	33.5	1	21.7	21,29	78.6	0	0	0	2.3	12	8	20	19	5	8	7	45	56	6,453.1	215.1	9
December	60.51	26.7	34	2	20.5	29	78	2	2	15	2.7	21	15	17	6	3	4	10	54	56	6,513.9	210.1	8.8
Year	759.10	27	35.2	---------	17.5	-------	81.2	3,548.2	266.7	-----	4.2	161	94	202	150	201	249	163	447	507	--------	222	9.3

APARRI.

January	764.94	22.1	28.8	6	15.6	11	82.1	101.2	47.3	20	7	7	61	50	15	14	13	4	2	20	10,109.3	326.1	13.6
February	63.22	22.9	30.4	23	17.6	20	79.3	72.1	23.9	24	5.6	9	60	25	17	29	16	4	2	6	9,861.1	352.2	14.7
March	61.22	25.5	33.5	6,24	18.6	3	79.8	24.6	10.9	27	2.6	14	65	13	17	25	32	10	7	3	9,245.2	298.2	12.4
April	60.54	26.6	35.6	26	19.6	11	79.5	12.5	9.4	16	3.1	16	56	22	14	23	25	7	10	7	9,700.6	323.4	13.5
May	58.47	28.1	35.3	18	22	7	78.3	10.6	6.6	6	3.2	19	59	5	20	29	39	3	6	6	9,205.8	297	12.4
June	56.93	27.6	35	15	21.6	30	78.6	89.6	39.4	3	6.6	13	37	10	23	44	20	9	18	6	--------	345.6	14.4
July	55.10	27.9	34.7	31	22.7	16	78.5	35	11.9	15	6.7	14	43	3	6	60	36	8	9	7	10,568.9	340.9	14.2
August	55.22	27.1	33.6	30	22.5	4	82.7	222.9	66.6	11	6.9	17	21	2	4	71	43	10	9	9	9,665.9	311.8	13
September	56.12	26.8	33	19	22.4	23	82.1	208.6	82.4	23	6.6	16	26	4	14	36	30	11	28	15	8,395.5	279.8	11.7
October	61.94	26	31.7	4	20.6	30	80.3	176.7	87.9	2	4.5	5	64	26	31	29	20	0	0	11	--------	248.5	10.4
November	61.22	25.6	32.1	14	20.6	2,10	82.4	186.7	141.4	28	3.7	6	52	22	14	27	23	4	8	24	--------	219.7	9.2
December	62.18	24.7	30.6	4,11	20.5	20	85.2	73.2	14.7	13	5.5	14	60	31	16	21	11	0	5	28	7,783.6	251.1	10.5
Year	759.76	25.9	35.6	---------	15.6	-------	80.7	1,213.7	141.4	-----	5.2	150	604	213	191	408	308	70	104	142	--------	299.5	12.4

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[a] The barometric readings of this station are not reduced to sea level.

[b] No observation was made of wind direction on August 21 to 31, 2 a. m. and 10 p. m.

[c] No observation was made of wind direction on September 1 to 14, 2 a. m. and 10 p. m.

[d] 27 days of observation.

[e] No observation was made of wind direction on June 2, 2 p. m., 6 p. m. and 10 p. m.; on the 3d and 4th; and on the 5th, 2 a. m.

TAGBILARAN.[a]

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximun.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Velocity, monthly mean.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*0-12*
January	761.61	25	32.5	31	17.5	11	89.6	61.9	27.9	20	5.4	32	32	22	18	2	0	0	0	80	1.2
February	61.28	[b]24.5	[b]31.9	1	[b]17.4	11	[c]86.5	------	------	------	[c]4.7	[d]16	17	9	9	2	0	0	0	43	[c]1.3
March	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
April	59.73	27	34.2	26	20.8	2	81.8	15	9.1	12	3.6	6	12	17	47	2	0	0	3	93	1.1
May	58.37	27.7	34.4	27	21.9	15	79.4	28.1	10.9	18	4.9	9	17	16	41	15	5	1	5	77	1.4
June	58.18	27.3	33.6	1	23.3	25	82.8	111.9	39.4	24	6.3	8	8	11	31	42	6	1	2	71	1.4
July	57.77	27.9	34.5	15	22.8	31	[e]76.6	[e]56.7	[e]38.6	30	[e]5.6	[f]0	1	1	11	57	29	12	0	49	[e]1.7
August	58.03	27.5	33.6	2, 25	22.4	4	77.5	192	67.3	17	5.3	0	0	0	5	86	37	1	0	57	1.7
September	58.07	28	34.5	11	22.5	30	75.6	84.1	82.8	19	5.5	0	0	0	6	55	46	5	0	68	1.5
October[g]	60.08	26.3	32.8	1	21.4?	22	83.5	106.6	23.4?	26	3.7	[h]0	0	3	30	24	3	6	0	90	.8
November	59.12	26.3	32.6	14	21	13	83.3	97.1	87.1	26	3.5	1	11	14	44	4	2	0	5	99	.8
December	59.70	25.9	32.7	20	20.1	28	82.8	74.3	59.4	9	4.5	3	30	21	31	1	0	3	2	95	.9
Year	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

TACLOBAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximun.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Velocity, monthly mean.
January	762.35	25.2	31.5	19	19.7	11	82.1	203	59.1	12	6.6	7	10	42	4	5	0	5	78	35	0.9
February	62.07	25.4	32.8	25	18.9	18	76.4	12.1	5.1	14	4.4	8	3	46	22	5	0	7	44	33	.9
March	60.68	26.4	33.7	25	21.7	16	80.3	110.7	20.1	27	5.7	14	4	48	26	3	0	7	42	42	.9
April	60.27	27.1	33.3	18	20.4	30	81.6	146.9	37	11	5.2	2	0	30	49	10	1	13	27	48	.9
May	58.50	27.6	33.5	18	22	2	81.5	130.9	37.9	27	5.8	2	3	15	53	6	4	23	38	42	1
June	58.10	27.2	33.5	29	23	1	84.4	287	99.2	18	6.4	2	1	7	66	8	6	17	30	43	1
July	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
August[i]	57.82	28.2	36.1?	28	22.3?	25	75.5	24.8?	9.7?	19	5.2	[j]1	1	5	5	11	28	18	6	51	.9
September	57.59	27.7	35.7	6	22.6	27	80.8	145.5	39.9	25	6.2	0	0	7	14	5	24	21	7	102	.6
October	60.59	26.5	34.1	1	21.8	28	88.7	211.7	41.2	25	5	2	1	14	22	6	0	5	17	119	.4
November	59.79	26.6	33.6	23	22.5	18	86.4	137	17.6	4	5.5	0	0	26	24	5	1	19	27	78	.8
December	60.30	26.4	32.5	1, 7	21.1	15	83.9	177.8	54	5	6.9	0	4	37	14	1	0	40	30	60	1
Year	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

CALBAYOG.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximun.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Velocity, monthly mean.
January	762.49	24.6	32.5	31	17.3	11	84	42.7	18.1	12	4.3	104	64	0	0	3	1	0	12	2	1.1
February	62.12	24.4	34.5	27	16.7	19	77	4.4	2.3	11	2.4	80	60	0	1	19	2	0	6	0	1.1
March	60.72	25.7	34.7	2	18.7	2	82.8	182.3	50.4	5	4.1	100	48	2	8	16	4	0	3	5	1.1
April	60.29	26	35.3	21	20.5	16, 17	85.9	92.8	28.5	3	3.3	83	13	3	3	29	11	1	29	8	1
May	58.48	26.8	34.2	25	21.6	24	86.3	172.3	32	9	4.4	63	12	5	10	23	13	11	36	13	1.1
June	57.90	26.6	33	16	22.7	12, 13, 15	87	301.9	116.8	18	6.4	39	9	4	9	42	10	11	31	25	1.2
July	57.21	27.7	33.1	15	22.3	30	81.8	108.1	22.1	21	6.7	15	1	0	3	49	71	27	12	8	1.4
August	57.46	27.6	33.7	2	21.4	2	82.6	113.9	44.6	6	6.4	8	1	0	0	47	70	17	18	25	------
September	57.59	27.4	34.2	30	21.9	22	83.4	114.1	42.7	22	6.7	10	1	1	1	29	71	28	8	31	------
October	60.57	25.9	34.6	10	20.6	14	84.7	97	35.8	17	3.9	45	17	4	3	18	7	3	9	80	------
November	59.82	25.8	34.6	2	20.8	3	86.7	156.5	35.5	3	4.1	31	15	9	6	20	0	1	7	91	------
December	60.35	25.7	33.6	10, 12, 27	19.8	14, 15	84.2	45.7	7.6	5	4.2	34	31	6	3	14	0	0	4	94	------
Year	759.58	26.2	35.3	--------	16.7	--------	83.9	1,431.7	116.8	-------	4.7	612	272	34	47	309	260	99	175	382	------

AMBULONG, TANAUAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximun.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Velocity, monthly mean.
January	762.78	24.9	32.2	31	18	12, 19	74.5	5.6	2.3	14, 22	6	18	144	21	0	0	1	0	0	2	2
February	61.84	25.1	35.7	24	[e]17.5	20	[b]73.6	[b]2.3	2.3	4	[b]6.1	[k]3	111	13	2	2	10	0	0	3	[b]1.6
March	60.41	27	36	13	19	11, 12	69.7	2.1	1.3	16	5.5	2	144	21	3	2	13	0	0	1	1.8
April	59.80	28	37.3	13	20.6	1	73.8	105	84.5	13	6.3	4	107	30	8	5	15	1	5	5	1.5
May	58.06	28.9	37	10, 15, 17	23	17, 23	74.7	[l]166.1	94.7	29	[l]6.8	[m]9	118	6	6	6	22	3	1	2	[l]1.4
June	57.21	27.5	35.2	10	23	various	83	360.1	70	2	8.1	4	62	23	8	14	55	3	6	5	1.6
July	56.31	27.4	34	19	22.5	29	84.3	219.1	32.8	6	8.4	4	45	3	5	14	101	12	2	0	2.1
August	56.52	27.4	35.6	6	22	4, 16, 18	83.8	296.3	56.2	31	8.6	0	38	14	2	8	118	3	1	2	2.4
September	56.89	26.3	33.2	22	21.5	18	88.2	1,022.8	228.3	3	8.2	4	43	13	2	39	72	5	2	0	1.8
October	60.56	26.5	34	2	21	16, 30	80.4	47.7	28.7	4	6.7	0	150	21	4	1	5	0	3	2	1.6
November	59.72	27.1	34.8	24	21.6	19	77.2	71.4	52.1	27	6.4	0	169	9	2	0	0	0	0	0	1.9
December	60.48	26.4	33.2	23	20.8	26, 28	79.1	26.4	12.2	8	6.4	2	171	13	0	0	0	0	0	0	2
Year	759.22	26.9	37.3	--------	17.5?	--------	78.5	2,324.9	228.3	-------	7	50	1,302	187	42	91	412	27	20	22	1.8

[a] This station was temporarily closed from February 17 to March 31.

[b] 24 days of observation.

[c] 16 days of observation.

[d] No observation was made of wind direction on February 17 to 28.

[e] 27 days of observation.

[f] No observation was made of wind direction on July 25, 6 p. m. and 10 p. m.; and on the 26th to the 29th.

[g] 26 days of observation.

[h] No observation was made of wind direction on October 27 to 31.

[i] 21 days of observation.

[j] No observation was made of wind direction on August 1 to 10.

[k] No observation was made of wind direction on February 16 to 19.

[l] 30 days of observation.

[m] No observation was made of wind direction on May 25, 10 a. m., 2 p. m. and 6 p. m.; on the 26th, 10 a. m., 2 p. m., 6 p. m. and 10 p. m.; and on the 27th.

SAN ISIDRO.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
												Number of winds from six daily observations.									Velocity, monthly mean.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*0-12*
January	763.40	24.2	33	6	14.4	11	71.6	0.3	0.3	7	3.6	32	35	69	5	0	0	0	3	42	1.9
February	62.39	25	34.5	25	16.4	16	69.6	.6	.3	14,27	4.6	25	30	59	6	2	0	0	6	40	1.7
March	60.86	27.5	37.6	30	18	4	64.9	1	1	15	3.4	35	23	62	8	6	0	0	6	46	2
April	60.31	28.8	37.7	27	20.1	3	71.7	100.4	66.9	15	4.4	41	31	42	13	7	1	1	4	40	1.8
May	58.61	29.1	38.9	9	20.9	2	74	194.2	52.6	17	5	52	25	36	12	3	4	2	17	35	1.6
June	57.70	27.5	36	13	22.1	19	84.5	259.1	92.5	19	6.5	34	21	10	7	27	36	11	3	31	1.8
July	56.80	26.8	33.2	22	22.1	29	89.9	372.6	51.6	29	7.2	6	4	3	7	58	72	0	7	29	1.7
August	57	26.5	34.2	6	22.6	Various	91	382.5	88.5	21	7.6	18	20	9	1	47	70	2	3	16	1.9
September	57.31	26.2	33.7	25	22.1	21	92.8	208.5	55.1	1	7	18	15	3	4	69	51	5	2	13	1.8
October	61.37	26.4	33.4	8	20.2	31	80.9	13.6	5.1	2	4.4	73	26	48	14	2	3	0	6	14	1.8
November	60.57	26.6	34.1	5,26	19.5	19	77.3	6.4	4.6	27	3.6	85	25	62	3	0	2	0	0	3	2
December	61.22	26.1	34	22	17.5	29	77.2	12.8	4.1	24	3.7	98	26	50	9	0	0	0	2	1	2
Year	759.80	26.7	38.9	--------	14.4	--------	78.8	1,552	92.5	-------	5.1	517	281	453	89	221	239	21	59	310	1.8

BOLINAO.

January	762.81	25.4	32.6	16	17.8	13	71.9	90.9	50.8	24	7.2	69	1	11	73	23	1	1	6	1	3.3
February	61.85	25.3	32.5	27	16.9	13	75.7	72.1	41.1	7	6.1	62	0	7	50	23	0	9	16	1	3.2
March	60.36	26.9	34.3	24	19.9	5,27	76.5	14.2	7.6	16	5	55	0	11	44	33	0	20	19	4	3
April	59.80	28.8	36.5	26	22.3	6	75.1	29.8	16.5	28	5.9	57	2	9	44	18	1	10	37	2	3.2
May	58.07	29.2	36.4	13	23	5	78.3	229.5	61.9	31	7.8	17	3	11	57	37	0	38	23	0	3
June	56.96	27.6	34.4	18	21.1	20	85.3	487.2	139.9	19	9.1	11	0	9	38	69	11	21	19	2	3
July	55.87	26.7	33.1	19	22.2	27	89.5	799.9	131.5	26	9.7	2	0	3	27	86	49	15	4	0	3.4
August	56.08	26.8	33.1	6	22.5	10	89.4	1,081.1	200.7	20	9.4	8	0	5	18	74	47	13	19	2	3.4
September	56.53	26.6	33.5	25	22.6	23	89.8	566.6	124.8	3	9.5	7	2	4	32	74	42	8	7	4	3
October	60.63	27.5	33.6	9,24	21.9	22	79.7	41.8	16.3	5	6.3	30	5	18	56	35	4	4	15	19	3.2
November	59.97	27.6	34.5	8	21.4	1,30	75.1	21.6	12.7	12	5	49	8	14	76	20	0	2	9	2	3.2
December	60.59	27.5	34	5	19	31	74.2	5.4	3.3	15	5.6	63	4	17	72	18	0	4	8	0	3.4
Year	759.13	27.2	36.5	--------	16.9	--------	80	3,440.1	200.7	-------	7.2	430	25	119	587	510	155	145	182	37	3.2

TUGUEGARAO.

January	764.83	22.4	32	14	12.5	10	83.7	14.4	4.8	16	6.4	9	16	2	17	3	2	0	48	89	0.8
February	63.16	24	36.1	28	15.3	17	76.5	0	0	0	5.5	[a] 12	12	3	17	16	2	0	49	56	1.1
March	61.15	27.3	40	24	17.2	28	68.3	0	0	0	3.7	11	10	2	27	24	12	1	38	61	1
April	60.47	28.6	41.8	20	19.8	10	68.8	16.8	7.4	15	4.8	19	7	0	40	20	7	2	30	55	1.3
May	58.47	29.5	41.3	23	22.2	9	69.3	123.7	48.2	9	4.8	16	10	1	35	21	12	2	25	64	1.1
June	57.06	28.4	40	14,17	22.5	25	76.6	158.9	38.4	19	6.7	17	11	1	44	22	8	3	19	55	1.2
July	55.39	28.4	38.5	24	22.6	15,28	77.5	98.5	34.6	14	7.2	14	9	2	33	17	9	4	13	85	.9
August	55.46	27.6	38.7	7	22.4	3	80.7	97.5	19.6	11	7.4	6	6	0	36	14	18	1	23	82	.8
September	56.28	27.2	37.8	11	22	20,23	81.9	181.6	45.8	12	7.2	7	21	1	26	15	4	0	23	83	.8
October	61.97	25.8	36.6	21	18.9	30	82.3	101.5	43.9	1	5	11	15	1	14	14	1	2	18	110	.5
November	61.23	25.9	36.1	20	19	16	81.5	82.1	27.2	27	4.7	10	7	2	33	14	5	1	27	81	.8
December	62.06	25.1	34	5	17.5	31	84.4	59.5	21.9	12	5.8	14	11	3	24	18	10	1	40	65	1.1
Year	759.79	26.7	41.8	--------	12.5	--------	77.6	934.5	48.2	-------	5.8	146	135	18	346	198	90	17	353	886	1

[a] No observation was made of wind direction on February 5, 2 a. m.

○

MAR 29 1921

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1914

PART IV

HOURLY RESULTS OF THE OBSERVATIONS MADE AT THE MAGNETIC OBSERVATORY OF ANTIPOLO, NEAR MANILA, P. I., DURING THE CALENDAR YEAR 1914

MANILA
BUREAU OF PRINTING
1919

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Philippine Islands Weather Bureau

TABLE OF CONTENTS.

Page.

INTRODUCTION 5

DIURNAL VARIATION:

Diurnal variation of D 7

Diurnal variation of Y 7

Diurnal variation of H 8

Diurnal variation of X 8

Diurnal variation of Z 9

Diurnal variation of I 9

Diurnal variation of F 10

SUMMARY OF MONTHLY MEANS 11

HOURLY VALUES OF—

Declination 12–23

Horizontal Intensity 24–35

Vertical Intensity 36–47

INTRODUCTION.

The magnetic Observatory, which is a division or branch of the Weather Bureau, Manila Observatory, was located at Manila in the Observatory grounds until 1904, but it had to be temporarily closed on account of the electric car system established in that city. The new location at Antipolo lies due east of the old at a distance of 18.5 kilometers. The coördinates of the variation building are 121° 10′ E and 14° 36′ N, its elevation above the sea level about 215 meters.

A description of the buildings, instruments, and method both of observation and of reduction, will be found in the "Annual Report of the Weather Bureau for the year 1911, Part IV." The arrangement of the magnetic values in this publication is the same as that of 1911; we adopted the distribution given by the Coast and Geodetic Survey of the United States of America to similar publications of its magnetic observatories.

For all the observations the Insular standard time of the Philippine Archipelago, eight hours (8^h) or the 120^{th} meridian east of Greenwich, is used.

Diurnal Variation of D.

1914

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 --	−0.04	+0.03	−0.17	+0.05	−0.02	+0.18	+0.02	−0.28	−0.17	+0.05	−0.12	−0.15	−0.07	−0.06	−0.02	−0.05
2 --	−0.01	+0.06	−0.14	+0.23	+0.12	+0.36	+0.19	−0.16	−0.11	+0.08	−0.12	−0.15	−0.06	+0.02	+0.13	+0.03
3 --	−0.13	+0.09	−0.03	+0.33	+0.15	+0.36	+0.33	−0.08	+0.01	+0.08	−0.12	−0.12	−0.07	+0.10	+0.19	+0.07
4 --	−0.24	+0.06	−0.03	+0.26	+0.09	+0.38	+0.39	+0.06	+0.26	+0.05	−0.27	−0.15	−0.15	+0.14	+0.23	+0.07
5 --	−0.33	−0.05	−0.08	+0.16	+0.15	+0.47	+0.47	+0.52	+0.54	+0.02	−0.41	−0.26	−0.26	+0.16	+0.40	+0.10
6 --	−0.50	−0.20	−0.19	+0.55	+0.86	+1.26	+1.12	+1.57	+1.36	+0.13	−0.44	−0.49	−0.41	+0.46	+1.20	+0.42
7 --	−0.78	−0.39	+0.34	+1.30	+1.40	+1.89	+1.80	+2.70	+2.18	+0.51	−0.55	−0.89	−0.65	+1.08	+1.95	+0.79
8 --	−0.61	−0.54	+1.00	+1.44	+1.28	+2.06	+1.81	+2.71	+2.16	+0.96	−0.09	−0.61	−0.46	+1.39	+1.96	+0.96
9 --	−0.18	−0.79	+1.71	+1.43	+0.86	+1.60	+1.26	+1.51	+1.05	+1.10	+0.33	+0.30	−0.08	+1.32	+1.81	+0.85
10 --	+0.18	−1.27	+1.79	+0.94	+0.26	+0.38	+0.50	+0.14	−0.51	+0.42	+0.47	+0.93	+0.08	+0.66	+0.82	+0.35
11 --	+0.04	−1.19	+0.80	−0.13	−0.39	−0.79	−0.32	−1.28	−1.79	−0.80	+0.30	+0.96	+0.03	−0.48	−0.70	−0.38
12 --	−0.30	−0.33	−0.45	−0.91	−0.85	−1.70	−1.03	−1.87	−2.47	−1.57	+0.13	+0.56	+0.02	−1.35	−1.36	−0.90
13 --	+0.13	+0.46	−1.30	−1.40	−1.16	−1.73	−1.41	−1.96	−2.48	−1.26	−0.13	+0.25	+0.18	−1.61	−1.56	−1.00
14 --	+0.53	+0.94	−1.16	−1.48	−1.33	−1.50	−1.32	−1.62	−1.60	−0.66	−0.04	+0.08	+0.38	−1.22	−1.44	−0.76
15 --	+0.73	+0.97	−0.71	−1.12	−0.96	−1.02	−0.75	−0.85	−0.35	−0.23	+0.13	+0.05	+0.47	−0.60	−0.90	−0.34
16 --	+0.53	+0.80	−0.22	−0.52	−0.36	−0.51	−0.36	−0.12	+0.79	+0.13	+0.42	+0.13	+0.47	+0.04	−0.34	+0.06
17 --	+0.36	+0.52	+0.12	+0.11	+0.06	−0.37	−0.33	+0.42	+0.84	+0.30	+0.42	+0.08	+0.84	+0.34	−0.06	+0.21
18 --	+0.24	+0.35	+0.06	−0.03	+0.15	−0.40	−0.44	+0.16	+0.43	+0.28	+0.27	+0.05	+0.23	+0.18	−0.13	+0.09
19 --	+0.22	+0.20	−0.03	−0.23	+0.09	−0.29	−0.38	−0.12	+0.14	+0.19	+0.19	+0.02	+0.16	+0.02	−0.18	0.00
20 --	+0.16	+0.12	−0.14	−0.23	−0.05	−0.26	−0.36	−0.15	+0.07	+0.11	+0.08	+0.02	+0.10	−0.05	−0.20	−0.05
21 --	+0.13	+0.06	−0.22	−0.17	−0.08	−0.23	−0.33	−0.21	0.00	+0.05	−0.06	−0.10	+0.01	−0.08	−0.21	−0.10
22 --	−0.01	0.00	−0.25	−0.14	−0.11	−0.14	−0.35	−0.32	−0.07	−0.01	−0.18	−0.15	−0.08	−0.12	−0.23	−0.14
23 --	−0.07	−0.05	−0.31	−0.12	−0.11	−0.06	−0.27	−0.32	−0.11	+0.05	−0.18	−0.15	−0.11	−0.12	−0.19	−0.14
24 --	−0.10	+0.03	−0.28	−0.03	−0.14	0.00	−0.21	−0.38	−0.07	+0.05	−0.15	−0.12	−0.08	−0.08	−0.18	−0.12

Diurnal Variation of Y.

1914

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 --	0	+1	−2	0	0	+2	0	−3	−2	0	−2	−2	−1	−1	0	−1
2 --	0	+1	−2	+2	+1	+4	+2	−2	−1	+1	−2	−2	−1	0	+1	0
3 --	−1	+1	−1	+3	+2	+4	+3	−1	0	+1	−2	−2	−1	+1	+2	+1
4 --	−3	+1	−1	+2	+1	+4	+4	+1	+3	0	−3	−2	−2	+1	+2	+1
5 --	−4	0	−1	+1	+2	+5	+5	+6	+6	0	−4	−3	−3	+2	+4	+1
6 --	−6	−2	−2	+5	+10	+14	+12	+18	+15	+1	−5	−6	−5	+5	+14	+4
7 --	−9	−4	+4	+14	+16	+21	+20	+30	+24	+6	−6	−10	−7	+12	+22	+9
8 --	−7	−6	+11	+15	+14	+23	+20	+30	+24	+10	−1	−7	−5	+15	+22	+10
9 --	−2	−8	+19	+16	+10	+18	+14	+17	+12	+12	+4	+3	−1	+15	+15	+10
10 --	+2	−14	+20	+10	+3	+5	+6	+2	−5	+5	+5	+10	+1	+8	+4	+4
11 --	+1	−13	+9	−1	−4	−8	−3	−13	−20	−8	+3	+10	0	−5	−7	−4
12 --	−3	−3	−5	−10	−9	−18	−11	−20	−27	−17	+2	+6	0	−15	−14	−10
13 --	+2	+6	−14	−16	−12	−19	−16	−21	−27	−13	−1	+3	+2	−18	−17	−11
14 --	+6	+11	−13	−17	−14	−16	−15	−18	−18	−7	0	+1	+4	−14	−16	−8
15 --	+8	+11	−8	−13	−10	−11	−9	−9	−4	−2	+1	0	+5	−7	−10	−4
16 --	+6	+9	−2	−6	−4	−5	−4	0	+9	+2	+4	+1	+5	+1	−3	+1
17 --	+4	+6	+1	+1	+1	−4	−4	+5	+9	+3	+4	0	+4	+4	0	+2
18 --	+3	+4	+1	−1	+2	−4	−5	+2	+5	+3	+3	0	+2	+2	−1	+1
19 --	+3	+3	0	−3	+1	−3	−4	−1	+2	+2	+2	0	+2	0	−2	0
20 --	+2	+2	−2	−3	−1	−3	−4	−1	+1	+1	+1	0	+1	−1	−2	−1
21 --	+2	+1	−3	−2	−1	−2	−4	−2	0	+1	−1	−1	0	−1	−2	−1
22 --	0	0	−3	−2	−1	−1	−4	−3	−1	0	−2	−2	−1	−2	−2	−2
23 --	−1	0	−4	−2	−1	0	−3	−3	−1	+1	−2	−2	−1	−2	−2	−2
24 --	−1	+1	−3	−1	−2	0	−3	−4	−1	+1	−2	−2	−1	−1	−2	−1

Diurnal Variation of H.

1914

[Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−9	−8	−14	−17	−12	−10	−13	−10	−10	−15	−16	−11	−11	−14	−11	−12
2	−10	−10	−14	−16	−13	−11	−11	−8	−9	−13	−16	−12	−12	−13	−11	−12
3	−9	−9	−16	−15	−12	−14	−13	−10	−9	−14	−16	−11	−11	−14	−12	−12
4	−8	−9	−16	−16	−12	−13	−13	−10	−8	−12	−16	−10	−11	−13	−12	−12
5	−7	−8	−16	−14	−13	−14	−14	−10	−8	−12	−14	−9	−10	−12	−13	−12
6	−6	−7	−14	−13	−8	−11	−9	−4	−8	−13	−11	−7	−8	−12	−8	−9
7	−4	−5	−12	−8	−4	−6	−1	+4	−7	−11	−5	−3	−4	−10	−2	−5
8	+2	−1	−7	0	+2	+4	+8	+10	−1	−6	+4	+3	+2	−4	+6	+2
9	+9	+6	+6	+17	+13	+13	+17	+20	+7	+7	+17	+11	+11	+9	+16	+12
10	+18	+15	+19	+34	+21	+22	+27	+26	+16	+23	+33	+21	+22	+23	+24	+28
11	+22	+24	+35	+43	+28	+27	+34	+23	+28	+38	+41	+26	+28	+35	+28	+30
12	+14	+28	+36	+38	+28	+27	+32	+21	+21	+39	+37	+26	+26	+34	+27	+29
13	+10	+24	+29	+28	+24	+22	+27	+15	+17	+27	+28	+21	+21	+25	+22	+23
14	+6	+17	+21	+15	+16	+17	+18	+10	+10	+15	+16	+11	+12	+15	+15	+14
15	0	+7	+11	+7	+10	+10	+6	+3	+4	+4	+7	+2	+4	+6	+7	+6
16	−1	−1	+2	+1	+2	+2	−4	−2	0	0	+1	−4	−1	+1	0	0
17	−2	−4	−2	−4	−3	−6	−11	−6	−1	−3	−4	−6	−4	−2	−6	−4
18	−2	−4	−4	−6	−6	−9	−13	−6	−2	−6	−8	−7	−5	−4	−8	−6
19	−4	−7	−5	−8	−7	−7	−11	−7	−3	−8	−10	−7	−7	−6	−8	−7
20	−5	−9	−6	−9	−7	−7	−12	−9	−4	−9	−12	−6	−8	−7	−9	−8
21	−7	−10	−7	−10	−9	−7	−12	−11	−5	−8	−13	−6	−9	−8	−10	−9
22	−6	−11	−9	−12	−9	−7	−12	−12	−6	−12	−14	−5	−9	−10	−10	−10
23	−5	−12	−10	−14	−10	−8	−11	−10	−5	−12	−15	−6	−10	−10	−10	−10
24	−5	−12	−10	−14	−10	−7	−10	−7	−5	−10	−16	−6	−10	−10	−8	−9

Diurnal Variation of X.

1914

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−9	−8	−14	−17	−12	−10	−13	−10	−10	−15	−16	−11	−11	−14	−11	−12
2	−10	−9	−14	−15	−13	−11	−11	−8	−9	−13	−16	−12	−12	−13	−11	−12
3	−9	−8	−16	−15	−12	−14	−13	−10	−9	−14	−16	−11	−11	−14	−12	−12
4	−7	−8	−16	−15	−12	−14	−13	−10	−8	−12	−16	−10	−10	−13	−12	−12
5	−6	−8	−16	−13	−13	−14	−14	−10	−8	−12	−14	−9	−9	−12	−13	−11
6	−5	−6	−14	−13	−9	−12	−10	−5	−8	−13	−11	−7	−7	−12	−9	−9
7	−3	−4	−12	−8	−5	−7	−2	+3	−7	−11	−5	−3	−4	−10	−3	−5
8	+3	0	−7	0	+1	+3	+7	+9	−1	−6	+4	+3	+2	−4	+5	+1
9	+10	+7	+6	+17	+12	+12	+16	+19	+7	+7	+17	+11	+11	+9	+15	+12
10	+18	+16	+19	+34	+21	+22	+26	+25	+16	+23	+33	+21	+22	+23	+24	+23
11	+22	+25	+35	+43	+28	+27	+34	+23	+23	+38	+41	+26	+28	+35	+28	+30
12	+15	+29	+37	+39	+28	+27	+32	+21	+21	+39	+37	+26	+27	+34	+27	+29
13	+10	+24	+30	+29	+24	+22	+27	+15	+17	+27	+28	+21	+21	+26	+22	+23
14	+6	+17	+22	+16	+16	+17	+18	+10	+10	+15	+16	+11	+12	+16	+15	+14
15	0	+7	+12	+8	+10	+10	+6	+3	+4	+4	+7	+2	+4	+7	+7	+6
16	−1	−1	+2	+2	+2	+2	−4	−2	0	0	+1	−4	−1	+1	0	0
17	−2	−4	−2	−3	−3	−6	−11	−6	−1	−3	−4	−6	−4	−2	−6	−4
18	−2	−4	−3	−6	−6	−9	−13	−6	−2	−6	−8	−7	−5	−4	−8	−6
19	−4	−7	−5	−7	−7	−7	−11	−7	−3	−8	−10	−7	−7	−6	−8	−7
20	−5	−8	−6	−8	−7	−7	−12	−9	−4	−9	−12	−6	−8	−7	−9	−8
21	−6	−9	−7	−9	−9	−7	−12	−11	−5	−8	−13	−6	−8	−7	−10	−8
22	−5	−11	−9	−11	−9	−7	−12	−12	−6	−12	−14	−5	−9	−10	−10	−9
23	−5	−12	−9	−13	−10	−8	−11	−10	−5	−12	−15	−6	−10	−10	−10	−10
24	−5	−12	−10	−13	−10	−7	−10	−7	−5	−10	−16	−6	−10	−10	−8	−9

Diurnal Variation of Z.

1914

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h=midnight.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	+5	+9	+10	+10	+10	+12	+6	+8	+8	+5	+4	+6	+6	+8	+9	+8
2	+5	+8	+9	+10	+8	+10	+5	+8	+8	+4	+4	+5	+6	+8	+8	+7
3	+3	+7	+8	+8	+6	+8	+4	+7	+8	+4	+4	+4	+4	+7	+6	+6
4	0	+4	+7	+7	+5	+6	+2	+8	+9	+3	+4	+4	+3	+6	+5	+5
5	−1	+2	+4	+6	+3	+5	+2	+8	+9	+2	+4	+3	+2	+5	+4	+4
6	−2	0	+2	+7	+2	+5	+2	+9	+9	+1	+4	+2	+1	+5	+4	+3
7	−4	−3	+1	+5	−2	+2	0	+5	+5	+1	+3	0	−1	+3	+1	+1
8	−4	−5	−1	0	−10	−6	−3	−3	−5	0	+2	−1	−2	−2	−6	−3
9	−8	−11	−10	−11	−15	−15	−7	−14	−14	−7	−1	−2	−6	−10	−13	−10
10	−13	−20	−18	−22	−20	−24	−13	−22	−22	−16	−7	−6	−12	−20	−20	−17
11	−19	−22	−27	−26	−23	−28	−17	−24	−27	−20	−11	−9	−15	−25	−23	−21
12	−17	−17	−27	−22	−25	−26	−19	−20	−24	−18	−10	−12	−14	−23	−22	−20
13	−8	−11	−20	−15	−20	−17	−17	−15	−17	−9	−9	−9	−9	−15	−17	−14
14	−3	−6	−10	−4	−13	−11	−12	−9	−7	−2	−5	−6	−5	−6	−11	−7
15	0	−3	−1	+2	−2	−5	−5	0	+4	+1	−2	−2	−2	+2	−3	−1
16	+3	+2	+4	+7	+6	+1	0	+7	+7	+4	0	+1	+2	+6	+4	+4
17	+5	+5	+6	+7	+10	+6	+6	+9	+7	+4	+1	+2	+3	+6	+8	+6
18	+6	+7	+7	+6	+12	+9	+8	+5	+6	+4	+1	+3	+4	+6	+8	+6
19	+7	+9	+8	+6	+14	+11	+10	+6	+6	+6	+2	+4	+6	+6	+10	+7
20	+8	+10	+10	+7	+13	+12	+9	+7	+6	+6	+3	+4	+6	+7	+10	+8
21	+8	+11	+10	+7	+13	+12	+10	+7	+7	+6	+4	+4	+7	+8	+10	+8
22	+7	+11	+11	+7	+12	+11	+10	+8	+7	+7	+4	+5	+7	+8	+10	+8
23	+7	+11	+10	+7	+12	+11	+10	+8	+8	+8	+5	+5	+7	+8	+10	+8
24	+6	+9	+10	+7	+12	+10	+10	+7	+9	+8	+5	+5	+6	+8	+10	+8

Diurnal Variation of I.

1914

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+0.66	+0.94	+1.18	+1.24	+1.13	+1.25	+0.80	+0.89	+0.89	+0.78	+0.69	+0.74	+0.76	+1.02	+1.02	+0.93
2	+0.66	+0.90	+1.10	+1.22	+0.98	+1.11	+0.67	+0.84	+0.87	+0.64	+0.69	+0.68	+0.74	+0.96	+0.90	+0.86
3	+0.50	+0.79	+1.06	+1.03	+0.79	+1.02	+0.64	+0.81	+0.87	+0.67	+0.69	+0.57	+0.64	+0.91	+0.82	+0.79
4	+0.22	+0.54	+0.98	+0.97	+0.71	+0.83	+0.47	+0.89	+0.93	+0.54	+0.69	+0.54	+0.50	+0.86	+0.72	+0.69
5	+0.11	+0.35	+0.73	+0.84	+0.57	+0.77	+0.49	+0.89	+0.93	+0.45	+0.64	+0.44	+0.38	+0.74	+0.68	+0.60
6	0.00	+0.16	+0.51	+0.90	+0.36	+0.69	+0.37	+0.82	+0.93	+0.39	+0.56	+0.30	+0.26	+0.68	+0.56	+0.50
7	−0.21	−0.14	+0.38	+0.61	−0.05	+0.32	+0.02	+0.30	+0.57	+0.34	+0.34	+0.04	+0.01	+0.48	+0.15	+0.21
8	−0.36	−0.40	+0.09	0.00	−0.88	−0.59	−0.45	−0.51	−0.41	+0.14	+0.04	−0.18	−0.22	−0.04	−0.61	−0.29
9	−0.86	−1.07	−0.97	−1.33	−1.57	−1.55	−1.00	−1.67	−1.36	−0.76	−0.53	−0.46	−0.73	−1.10	−1.45	−1.09
10	−1.49	−2.05	−1.95	−2.66	−2.18	−2.52	−1.74	−2.48	−2.24	−1.89	−1.41	−1.04	−1.50	−2.18	−2.23	−1.97
11	−2.09	−2.43	−3.09	−3.21	−2.59	−2.97	−2.24	−2.58	−2.82	−2.58	−1.94	−1.41	−1.97	−2.92	−2.60	−2.50
12	−1.73	−2.11	−3.11	−2.76	−2.76	−2.81	−2.36	−2.19	−2.52	−2.44	−1.75	−1.66	−1.81	−2.71	−2.53	−2.35
13	−0.89	−1.51	−2.36	−1.93	−2.25	−1.94	−2.06	−1.63	−1.84	−1.41	−1.45	−1.29	−1.28	−1.88	−1.97	−1.71
14	−0.87	−0.93	−1.33	−0.70	−1.47	−1.31	−1.44	−1.01	−0.84	−0.53	−0.84	−0.80	−0.74	−0.85	−1.31	−0.96
15	+0.03	−0.43	−0.35	0.00	−0.41	−0.65	−0.57	−0.09	+0.22	−0.02	−0.37	−0.25	−0.26	−0.04	−0.43	−0.24
16	+0.30	+0.18	+0.29	+0.56	+0.45	+0.05	+0.08	+0.61	+0.57	+0.33	−0.05	+0.14	+0.14	+0.44	+0.30	+0.29
17	+0.49	+0.51	+0.55	+0.68	+0.91	+0.66	+0.75	+0.87	+0.59	+0.40	+0.15	+0.28	+0.36	+0.56	+0.80	+0.57
18	+0.58	+0.67	+0.69	+0.64	+1.15	+0.98	+0.97	+0.54	+0.53	+0.47	+0.25	+0.39	+0.47	+0.58	+0.91	+0.66
19	+0.71	+0.91	+0.79	+0.69	+1.34	+1.10	+1.09	+0.64	+0.55	+0.69	+0.38	+0.47	+0.62	+0.68	+1.04	+0.78
20	+0.81	+1.04	+0.99	+0.80	+1.25	+1.18	+1.02	+0.77	+0.58	+0.71	+0.51	+0.44	+0.70	+0.77	+1.06	+0.84
21	+0.86	+1.14	+1.01	+0.82	+1.30	+1.18	+1.11	+0.82	+0.69	+0.69	+0.61	+0.44	+0.76	+0.80	+1.10	+0.89
22	+0.76	+1.17	+1.14	+0.87	+1.22	+1.10	+1.11	+0.93	+0.71	+0.87	+0.64	+0.50	+0.77	+0.90	+1.09	+0.92
23	+0.73	+1.20	+1.08	+0.92	+1.24	+1.12	+1.09	+0.89	+0.77	+0.95	+0.74	+0.53	+0.80	+0.93	+1.08	+0.94
24	+0.65	+1.03	+1.08	+0.92	+1.24	+1.02	+1.07	+0.73	+0.85	+0.90	+0.73	+0.53	+0.74	+0.94	+1.02	+0.90

Diurnal Variation of F.

1914

[Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h=midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1..	−7	−5	−10	−13	−9	−6	−11	−8	−8	−13	−15	−10	−9	−11	−8	−10
2..	−8	−7	−11	−12	−10	−8	−9	−6	−7	−11	−15	−11	−10	−10	−8	−10
3..	−7	−7	−13	−12	−10	−11	−11	−8	−7	−12	−15	−10	−10	−11	−10	−10
4..	−7	−8	−13	−13	−10	−11	−12	−8	−6	−11	−15	−9	−10	−11	−10	−10
5..	−7	−7	−14	−11	−12	−12	−13	−8	−6	−11	−13	−8	−9	−10	−11	−10
6..	−6	−7	−13	−10	−7	−9	−8	−2	−6	−12	−10	−7	−8	−10	−6	−8
7..	−5	−6	−11	−6	−4	−5	−1	+4	−6	−10	−4	−3	−4	−8	−2	−5
8..	+1	−2	−7	0	−1	+2	+7	+8	−3	−6	+4	+2	+1	−4	+4	0
9..	+7	+3	+3	+13	+8	+8	+14	+14	+2	+5	+16	+9	+9	+6	+11	+8
10..	+14	+9	+14	+27	+15	+15	+22	+18	+8	+18	+29	+18	+18	+17	+18	+17
11..	+16	+17	+27	+34	+21	+18	+27	+14	+14	+31	+36	+22	+23	+26	+20	+23
12..	+9	+22	+27	+31	+20	+19	+25	+14	+13	+33	+33	+21	+21	+26	+20	+22
13..	+8	+20	+23	+23	+18	+17	+21	+9	+11	+23	+24	+17	+17	+20	+16	+18
14..	+4	+14	+18	+14	+12	+13	+14	+6	+7	+14	+14	+8	+10	+13	+11	+12
15..	0	+6	+11	+8	+9	+8	+4	+2	+4	+4	+6	+1	+3	+7	+6	+5
16..	0	−1	+3	+3	+4	+2	−4	−1	+1	+1	+1	−4	−1	+2	0	0
17..	0	−3	0	−2	0	−4	−9	−4	0	−2	−4	−4	−3	−1	−4	−3
18..	0	−2	−1	−4	−2	−6	−10	−5	−1	−5	−8	−7	−4	−3	−6	−4
19..	−2	−4	−2	−6	−3	−4	−8	−6	−2	−6	−9	−6	−5	−4	−5	−5
20..	−2	−6	−3	−6	−3	−3	−9	−8	−3	−7	−11	−5	−6	−5	−6	−6
21..	−4	−7	−4	−7	−5	−3	−9	−10	−4	−6	−12	−5	−7	−5	−7	−6
22..	−3	−8	−5	−9	−5	−4	−9	−10	−4	−10	−13	−4	−7	−7	−7	−7
23..	−3	−9	−6	−11	−6	−5	−8	−8	−3	−9	−13	−5	−8	−7	−7	−7
24..	−8	−9	−6	−11	−6	−4	−7	−6	−3	−7	−14	−5	−8	−7	−6	−7

Summary of Monthly Means, 1914.

Month.	D.	Y.	H.	X.	Z.	I.	F.
	° ′	γ	γ	γ	γ	° ′	γ
January	0 39.69	439	38040	38037	11039	16 10.92	39609
February	0 39.61	438	38047	38044	11056	16 12.20	39621
March	0 39.76	440	38037	38034	11035	16 10.68	39605
April	0 39.56	438	38018	38015	11039	16 11.48	39588
May	0 39.05	432	38039	38037	11081	16 14.47	39620
June	0 38.99	431	38034	38032	11048	16 11.83	39606
July	0 38.55	427	38054	38052	11010	16 8.20	39615
August	0 38.39	425	38079	38077	11022	16 8.61	39643
September	0 38.10	422	38081	38079	11041	16 10.14	39650
October	0 38.26	424	38106	38104	11040	16 9.44	39673
November	0 38.22	424	38110	38108	11043	16 9.62	39678
December	0 37.59	417	38093	38091	11043	16 10.03	39662
Year	0 38.81	430	38062	38059	11041	16 10.64	39631

HOURLY VALUES OF DECLINATION.

JANUARY, 1914.

0° East plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.74	39.74	39.74	39.74	39.74	39.60	39.03	38.75	(38.46)	(38.32)	(38.60)	(38.75)	(39.17)	(39.46)	39.74
2	39.78	39.78	39.78	39.78	39.78	39.64	39.50	39.78	39.92	40.21	40.49	40.35	40.35	40.77	40.92
3	39.95	39.95	39.95	39.81	39.67	39.52	38.81	39.52	39.38	39.95	40.23	39.38	39.67	40.09	39.95
4	39.38	39.24	39.10	39.10	38.96	38.81	38.53	39.38	39.95	40.09	40.23	40.09	40.09	39.81	39.95
5	39.53	39.53	39.53	39.39	38.97	38.68	38.40	38.54	38.97	39.53	39.68	39.82	39.11	38.54	38.97
6	39.69	39.69	39.54	39.54	39.40	39.12	38.55	38.55	39.40	39.69	39.97	40.11	39.69	38.83	39.54
7	39.70	39.70	39.55	39.41	39.13	38.84	38.56	39.27	39.70	39.98	40.12	39.98	39.84	40.12	40.26
8	39.56	39.42	39.56	39.14	38.85	38.71	38.57	39.14	39.85	39.99	40.27	40.13	39.85	39.56	39.85
9 a	39.72	39.72	39.43	39.15	39.29	39.29	39.29	39.72	40.57	40.14	39.15	38.86	39.29	40.00	40.00
10 a	39.58	39.58	39.58	39.58	39.58	39.58	39.73	39.87	40.01	40.01	39.73	39.16	39.44	39.87	39.73
11	39.59	39.74	39.74	39.59	39.45	39.59	39.17	39.31	39.74	39.31	38.03	38.17	38.60	39.88	40.16
12	39.89	39.89	39.75	39.60	39.60	39.46	38.75	39.04	39.46	39.60	38.89	38.61	39.60	40.03	40.03
13	39.76	39.76	39.76	39.61	39.33	39.05	38.48	38.62	39.47	39.61	39.19	39.05	40.04	41.03	40.89
14	39.77	39.62	39.48	39.20	38.91	38.63	38.49	38.63	40.05	40.33	40.05	40.05	41.04	41.19	41.04
15	39.78	39.78	39.63	39.35	39.07	38.50	38.07	37.93	38.92	39.92	39.92	39.78	39.92	40.20	41.05
16	39.63	39.49	39.21	39.21	39.07	38.78	38.36	38.50	38.64	39.92	39.78	39.21	39.92	40.06	40.06
17	39.91	39.91	40.05	39.62	39.48	39.06	38.20	38.20	38.77	39.20	39.34	39.77	40.05	40.19	40.33
18	39.77	39.62	39.62	39.62	39.48	39.62	39.06	38.91	39.48	39.62	39.77	39.20	39.06	39.48	40.05
19	39.91	39.91	40.05	39.91	39.77	39.62	39.20	39.48	40.05	40.33	40.05	38.91	39.77	40.62	41.04
20	39.76	39.76	39.76	39.76	39.61	39.33	38.90	38.62	39.33	40.04	38.90	37.20	38.19	39.47	40.32
21	39.76	39.76	39.76	39.76	39.61	39.61	39.61	39.61	40.04	40.18	39.61	39.19	39.90	40.32	40.18
22	39.61	39.61	39.61	39.47	39.33	39.19	38.76	38.62	38.62	38.62	38.19	37.34	37.77	38.62	39.61
23	39.60	39.60	39.60	39.46	39.04	38.89	38.75	38.89	39.60	40.31	40.03	39.75	39.89	40.03	40.17
24 a	39.75	39.75	39.60	39.60	39.46	39.46	38.89	39.46	40.17	41.73	41.02	39.04	39.32	39.89	40.03
25 a	39.60	39.60	39.60	39.46	39.32	38.75	38.47	38.61	38.61	38.89	40.03	41.02	41.59	42.02	42.30
26 a	39.59	39.74	39.59	39.45	39.17	38.88	38.17	37.75	38.17	38.60	38.74	38.88	39.45	39.31	40.02
27	39.59	39.59	39.59	39.45	39.17	38.74	38.46	38.17	38.32	38.60	39.59	40.45	41.44	41.58	41.44
28	39.59	39.59	39.59	39.45	39.31	39.03	38.46	38.32	38.32	38.46	38.88	39.74	39.88	40.02	40.16
29	39.58	39.73	39.73	39.44	39.16	38.73	38.59	38.73	38.87	39.30	39.87	41.00	42.00	42.00	41.57
30	39.58	39.58	39.58	39.58	39.58	39.44	38.87	38.73	38.59	38.59	38.45	38.59	39.16	39.87	40.29
31	39.73	39.73	39.73	39.73	39.58	39.30	38.87	38.59	38.45	38.59	39.02	40.01	40.15	40.44	41.43
Mean	39.69	39.68	39.64	39.51	39.35	39.14	38.76	38.88	39.29	39.60	39.54	39.41	39.78	40.11	40.36
Mean a	39.65	39.68	39.56	39.45	39.36	39.19	38.91	39.08	39.51	39.87	39.73	39.39	39.82	40.22	40.42

FEBRUARY, 1914.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 a	39.72	39.72	39.72	39.72	39.57	39.57	39.15	38.86	38.44	37.87	38.15	39.29	39.72	39.86	39.72
2	39.57	39.57	39.57	39.72	59.57	39.43	38.72	38.58	39.01	39.57	39.43	39.86	40.14	40.43	40.99
3	39.57	39.57	39.72	39.86	39.57	39.29	38.30	37.73	37.59	37.16	38.01	38.44	39.29	40.28	40.99
4	39.73	39.58	39.58	39.44	39.58	39.58	39.02	38.16	37.45	37.31	37.74	38.31	39.73	40.29	40.72
5	39.45	39.45	39.45	39.59	39.31	39.17	38.88	38.88	38.74	38.60	38.88	39.88	40.45	40.16	40.16
6	39.46	39.46	39.46	39.75	39.60	39.32	38.89	38.61	38.89	39.04	38.89	39.46	40.46	40.74	40.88
7	39.76	39.90	40.04	39.76	39.61	39.33	38.34	37.77	37.77	38.05	38.34	38.62	39.90	40.32	40.61
8	39.47	39.61	39.47	39.61	39.61	39.33	39.05	38.62	38.05	37.77	38.05	38.62	39.05	39.61	40.04
9	39.61	39.61	39.76	39.76	39.47	39.33	38.76	38.34	38.05	37.77	37.77	38.62	39.33	40.18	40.18
10 a	39.33	39.47	39.47	39.33	39.19	38.90	38.48	38.62	38.76	38.34	38.19	39.19	40.61	41.18	41.03
11 a	39.47	39.47	39.61	39.61	39.47	39.33	39.19	38.90	38.05	37.77	38.90	39.76	40.04	40.75	40.89
12	39.61	39.61	39.76	39.76	39.61	39.61	38.62	37.91	37.63	37.77	38.19	39.47	40.61	41.32	41.46
13	39.47	39.47	39.61	39.61	39.76	39.47	39.05	38.05	37.34	36.77	37.48	38.34	39.05	39.61	40.47
14	39.47	39.76	39.90	39.76	39.61	39.61	39.47	39.19	38.90	38.76	38.62	39.05	39.47	40.47	40.61
15	39.47	39.61	39.61	39.47	39.61	39.47	39.33	38.76	38.19	36.92	36.63	37.48	38.62	39.19	40.04
16	39.47	39.47	39.47	39.76	39.90	39.76	39.47	39.05	38.76	38.34	37.91	37.77	38.62	39.19	39.90
17	39.61	39.47	39.61	39.61	39.76	39.76	39.76	40.04	39.76	39.19	38.48	38.18	38.60	39.49	40.31
18	39.72	39.72	39.86	40.01	40.15	40.15	40.15	40.01	39.86	39.30	38.44	38.87	39.72	40.29	40.43
19	39.99	39.84	39.84	39.84	39.84	39.70	39.70	39.13	38.71	37.86	37.29	37.57	38.28	39.13	40.13
20	39.82	39.82	39.82	39.82	39.82	39.82	39.40	38.83	38.69	38.12	37.69	38.12	38.83	39.68	40.11
21 a	39.81	39.81	39.81	39.96	39.81	39.53	39.81	39.53	39.53	39.25	38.82	39.39	40.10	40.52	40.52
22	39.79	39.65	39.79	39.79	39.94	39.51	39.23	39.23	38.94	38.66	38.52	38.80	39.51	40.22	40.65
23	39.63	40.06	39.92	39.92	39.77	39.77	39.92	40.06	39.49	39.06	38.92	38.78	39.63	40.20	40.20
24	39.75	39.75	39.75	39.75	39.61	39.61	39.47	39.19	38.90	38.90	38.90	39.33	39.61	40.04	40.46
25 a	39.89	39.89	39.89	39.74	39.74	39.74	39.46	39.46	39.32	38.47	38.04	38.75	39.89	40.45	40.74
26	39.87	40.01	40.01	40.01	40.15	40.01	39.58	39.30	39.30	39.30	39.30	39.44	39.58	40.15	40.01
27	39.85	39.85	39.85	39.99	39.85	39.42	38.71	38.57	38.57	38.43	38.14	38.43	39.42	39.99	40.13
28	39.83	39.97	40.11	39.97	39.83	39.97	39.68	38.83	38.55	38.41	38.12	38.41	38.69	38.97	39.26
Mean	39.65	39.68	39.73	39.75	39.69	39.55	39.20	38.86	38.62	38.31	38.28	38.79	39.53	40.10	40.42
Mean a	39.64	39.67	39.70	39.67	39.56	39.41	39.22	39.07	38.82	38.34	38.42	39.28	40.07	40.55	40.58

a Five international quiet days.

HOURLY VALUES OF DECLINATION.

JANUARY, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
40.31	40.73	40.59	40.31	40.17	40.02	39.88	39.88	39.88	39.60	17 00	40.73	(10 00)	(38.32)	2.41	1
40.77	40.63	40.52	40.38	40.23	40.23	40.09	40.09	40.09	40.16	15 25	41.06	6 35	39.35	1.71	2
39.95	39.95	39.81	39.81	39.67	39.67	39.52	39.52	39.52	39.72	11 00	40.23	7 00	38.81	1.42	3
40.09	40.23	39.95	39.81	39.81	39.81	39.67	39.52	39.52	39.63	17 05	40.38	6 55	38.39	1.99	4
39.82	39.96	39.96	39.96	39.96	39.82	39.68	39.82	39.82	39.42	16 40	40.10	7 00	38.40	1.70	5
39.54	39.69	39.97	39.97	39.97	39.97	39.83	39.83	39.83	39.58	12 00	40.11	6 55	38.41	1.70	6
40.12	39.98	39.98	39.84	39.84	39.98	39.98	39.98	39.70	39.73	15 00	40.26	7 00	38.56	1.70	7
39.99	40.27	40.27	40.13	40.13	39.99	39.85	39.85	39.85	39.70	11 35	40.42	7 00	38.57	1.85	8
39.57	39.86	40.00	40.00	39.86	39.86	39.72	39.57	39.57	39.65	9 00	40.57	12 00	38.86	1.71	9
39.87	40.01	39.87	39.87	39.87	39.87	39.73	39.73	39.73	39.78	16 55	40.15	12 00	39.16	0.99	10
40.45	40.16	40.02	40.02	39.88	39.74	39.74	39.88	39.88	39.58	16 00	40.45	11 25	37.89	2.56	11
40.17	40.17	40.17	40.03	40.03	39.89	39.89	39.89	39.89	39.68	17 05	40.31	7 00	38.75	1.56	12
40.47	40.04	39.90	40.04	40.04	40.04	39.90	39.76	39.76	39.73	14 00	41.03	7 00	38.48	2.55	13
40.62	39.91	39.77	39.91	39.77	39.77	39.77	39.77	39.77	39.81	14 00	41.19	7 00	38.49	2.70	14
40.91	40.20	40.06	40.06	40.06	39.92	39.78	39.63	39.63	39.67	15 00	41.05	7 15	37.79	3.26	15
40.20	40.06	39.92	39.92	39.78	39.78	39.78	39.78	39.78	39.54	16 00	40.20	7 00	38.36	1.84	16
40.90	40.48	40.05	39.77	39.91	39.91	39.91	39.77	39.77	39.69	16 00	40.90	7 18	38.06	2.84	17
40.19	40.05	40.05	39.91	39.91	39.77	39.62	39.62	39.77	39.64	16 00	40.19	8 00	38.91	1.28	18
40.90	40.76	40.19	40.05	39.91	39.77	39.77	39.62	39.62	39.97	15 00	41.04	12 00	38.91	2.13	19
41.03	40.89	40.32	40.18	40.04	39.90	39.76	39.61	39.76	39.60	16 00	41.03	12 00	37.20	3.83	20
40.04	40.61	40.32	40.18	40.04	40.04	39.90	39.76	39.61	39.89	17 00	40.61	12 00	39.19	1.42	21
40.04	40.18	40.18	40.04	39.90	39.90	39.76	39.76	39.61	39.26	16 42	40.32	12 00	37.34	2.98	22
40.03	40.03	39.89	39.75	39.60	39.75	39.75	39.75	39.75	39.66	10 00	40.31	7 00	38.75	1.56	23
40.03	39.89	39.75	39.89	39.89	39.75	39.60	39.60	39.60	39.80	10 00	41.73	7 00	38.89	2.84	24
41.31	40.31	40.03	39.89	39.75	39.75	39.60	39.60	39.60	39.90	15 00	42.30	7 00	38.47	3.83	25
40.30	40.16	40.02	39.88	39.88	39.88	39.74	39.59	39.45	39.35	16 00	40.30	8 00	37.75	2.55	26
41.16	40.30	40.02	39.88	39.88	39.74	39.74	39.59	39.59	39.75	14 00	41.58	8 00	38.17	3.41	27
40.02	39.88	39.88	39.88	39.88	39.74	39.74	39.74	39.59	39.46	15 00	40.16	7 50	38.17	1.99	28
41.29	40.29	40.01	39.87	39.87	39.73	39.73	39.73	39.58	39.93	13 20	42.14	7 00	38.59	3.55	29
40.72	40.44	40.01	40.01	39.87	39.73	39.73	39.73	39.73	39.52	16 00	40.72	11 00	38.45	2.27	30
41.29	40.72	40.15	40.01	39.87	39.73	39.73	39.73	39.73	39.76	15 00	41.43	9 00	38.45	2.98	31
40.39	40.22	40.05	39.98	39.91	39.85	39.77	39.73	39.71	39.68	----------	40.74	----------	38.45	2.29	--------
40.22	40.05	39.93	39.91	39.85	39.82	39.68	39.62	39.59	39.69	----------	41.01	----------	38.63	2.38	--------

FEBRUARY, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.86	39.86	40.00	39.86	39.72	39.72	39.57	39.57	39.57	39.45	18 00	40.00	10 11	37.73	2.27	1
41.28	40.57	40.00	39.86	39.72	39.57	39.72	39.57	39.57	39.75	16 00	41.28	8 00	38.58	2.70	2
41.14	40.43	40.00	39.72	39.72	39.72	39.57	39.57	39.43	39.36	15 36	41.28	10 06	37.02	4.26	3
40.86	40.44	40.01	39.87	39.87	39.58	39.44	39.44	39.44	39.38	15 42	40.93	10 09	37.24	3.69	4
40.30	40.30	39.88	39.59	39.45	39.45	39.59	39.59	39.45	39.53	13 00	40.45	10 00	38.60	1.85	5
40.74	39.89	39.46	39.46	39.32	39.17	39.17	39.32	39.60	39.54	14 35	41.02	8 00	38.61	2.41	6
40.61	40.32	40.04	39.90	39.76	39.47	39.19	39.19	39.47	39.42	16 08	40.68	9 11	37.70	2.98	7
40.47	40.47	39.90	39.61	39.47	39.47	39.33	39.33	39.47	39.31	16 10	40.61	10 30	37.63	2.98	8
40.04	40.18	40.04	39.76	39.61	39.47	39.47	39.33	39.33	39.32	14 23	40.32	10 18	37.63	2.69	9
40.75	40.32	40.04	39.61	39.47	39.33	39.33	39.33	39.47	39.49	14 00	41.18	11 00	38.19	2.99	10
40.61	40.18	39.90	39.61	39.47	39.47	39.47	39.33	39.47	39.53	14 21	41.03	10 00	37.77	3.26	11
41.18	40.61	39.76	39.61	39.47	39.61	39.61	39.47	39.33	39.57	15 00	41.46	9 00	37.63	3.83	12
40.75	40.18	39.90	39.76	39.61	39.47	39.47	33.33	39.47	39.23	16 00	40.75	10 00	36.77	3.98	13
40.75	40.47	40.04	40.04	39.76	39.47	39.47	39.33	39.33	39.64	16 00	40.75	11 00	38.62	2.13	14
40.61	40.75	40.47	40.04	40.18	39.90	39.61	39.47	39.47	39.29	17 00	40.75	11 00	36.63	4.12	15
40.32	40.47	40.04	39.76	39.61	39.47	39.47	39.61	39.61	39.38	16 39	40.61	11 26	37.63	2.98	16
40.45	40.59	40.17	40.17	40.17	40.03	39.88	39.74	39.74	39.69	17 00	40.59	12 00	38.18	2.41	17
40.43	40.29	40.15	40.29	40.29	40.15	40.01	39.72	40.01	39.92	16 09	40.50	11 00	38.44	2.06	18
40.55	41.12	40.55	40.27	40.13	40.13	40.13	39.99	39.84	39.56	17 00	41.12	11 33	37.15	3.97	19
40.25	40.11	39.97	40.11	40.11	39.97	39.97	39.82	39.82	39.52	16 00	40.25	11 41	37.55	2.70	20
40.38	40.10	39.81	39.96	39.96	39.96	39.96	39.81	39.81	39.83	14 18	40.59	11 00	38.82	1.77	21
40.50	40.36	40.22	40.08	39.94	39.94	39.79	39.79	39.65	39.69	15 00	40.65	11 00	38.52	2.18	22
40.20	40.34	40.06	39.92	40.06	39.92	39.92	39.77	39.63	39.80	17 00	40.34	12 00	38.78	1.56	23
40.61	40.46	40.18	40.04	39.90	39.90	39.75	39.75	39.90	39.73	16 44	40.89	10 54	38.83	2.06	24
40.45	40.17	40.03	40.03	40.03	39.89	39.74	39.74	39.89	39.73	15 00	40.74	11 00	38.04	2.70	25
40.15	40.29	40.01	40.01	39.87	39.72	39.72	39.72	39.72	39.80	17 00	40.29	10 21	39.23	1.06	26
40.27	40.41	40.27	39.99	39.99	39.85	39.85	39.85	39.85	39.56	17 00	40.41	11 00	38.14	2.27	27
39.97	40.39	40.25	40.11	40.11	39.97	39.83	39.68	39.83	39.53	17 13	40.53	11 00	38.12	2.41	28
40.52	40.36	40.04	39.89	39.81	39.71	39.64	39.58	39.61	39.56	----------	40.71	----------	37.99	2.72	--------
40.41	40.13	39.96	39.81	39.73	39.67	39.61	39.56	39.64	39.61	----------	40.71	----------	38.11	2.60	--------

HOURLY VALUES OF DECLINATION.

MARCH, 1914.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.82	39.96	39.96	39.82	39.82	39.67	39.67	39.53	39.39	38.82	38.68	38.54	38.68	38.68	39.11
2	39.80	39.80	39.80	39.94	39.94	39.80	39.37	39.09	38.94	38.23	38.38	38.52	38.66	38.80	39.23
3	39.51	39.65	39.51	39.37	39.37	39.51	38.94	38.80	38.52	38.09	38.52	38.80	38.94	39.65	40.22
4	39.65	39.80	39.80	39.80	39.65	39.51	39.23	38.94	38.66	38.52	38.94	38.80	39.09	39.23	39.51
5[a]	39.65	39.37	39.65	39.80	39.94	39.51	39.65	39.65	39.51	39.51	39.23	38.94	38.80	38.94	39.23
6	39.37	39.51	39.65	39.51	39.51	39.51	39.94	39.94	40.08	39.94	39.65	39.37	39.37	39.51	39.37
7	39.51	39.65	39.65	39.65	39.80	39.94	39.80	40.08	40.36	39.94	40.08	39.94	39.51	39.23	39.37
8	39.51	39.51	39.51	39.51	39.65	39.65	39.37	39.65	40.08	39.65	39.37	39.23	38.94	38.66	39.09
9	39.37	39.51	39.51	39.51	39.65	39.65	39.51	39.65	39.94	40.08	39.51	38.52	38.52	39.23	39.80
10	39.37	39.51	39.51	39.65	39.51	39.51	39.65	39.65	39.80	39.94	39.94	38.94	38.09	38.38	39.09
11	39.52	39.66	39.66	39.66	39.66	39.52	39.38	39.81	39.52	39.24	38.39	37.68	37.39	37.82	38.81
12	39.38	39.52	39.52	39.38	39.24	39.10	39.38	39.66	39.95	40.09	39.52	38.95	38.39	38.10	38.95
13	39.52	39.66	39.66	39.52	39.38	39.38	39.10	39.24	39.38	39.52	39.38	39.38	38.95	38.81	38.67
14	39.52	39.66	39.66	39.81	39.66	39.24	38.81	39.10	39.24	38.81	38.53	38.39	38.53	38.67	39.10
15	39.24	39.38	39.38	39.38	39.24	38.95	38.67	38.81	39.66	39.66	39.24	38.95	38.24	38.39	38.81
16	39.81	39.95	39.81	40.09	39.52	39.52	38.95	38.67	38.81	38.95	38.95	38.81	38.10	38.39	38.81
17	39.38	39.38	39.38	39.52	39.52	39.52	39.38	39.52	39.52	39.66	38.95	38.67	38.53	38.39	38.81
18	39.67	39.67	39.67	39.82	39.82	39.11	38.82	38.82	38.82	38.82	38.96	38.82	38.11	37.97	38.82
19	39.40	39.54	39.40	39.54	39.54	39.54	39.68	39.97	39.97	39.68	39.83	39.97	39.40	39.83	40.25
20	39.41	39.55	39.41	39.41	39.55	39.41	39.98	40.12	40.26	40.12	39.98	39.41	38.98	38.84	38.98
21	39.71	39.71	39.71	39.57	39.43	39.29	39.57	39.71	39.57	39.86	40.00	39.43	38.44	38.29	39.15
22[a]	39.44	39.58	39.72	39.72	39.58	39.30	39.72	40.43	41.43	41.57	40.86	39.58	38.73	38.59	39.16
23	39.59	39.73	39.73	39.59	39.45	39.02	39.17	39.88	40.59	41.58	41.44	40.44	39.45	39.45	39.73
24	39.74	39.74	39.74	39.74	39.60	39.18	39.60	40.31	40.88	40.74	40.60	39.74	38.61	38.18	38.75
25	39.48	39.48	39.76	39.62	39.48	38.77	38.91	39.05	39.91	39.76	40.05	38.49	37.78	37.63	38.49
26	39.49	39.77	39.77	39.49	39.35	39.06	39.49	40.06	40.48	41.19	40.06	38.64	37.50	37.64	38.50
27	39.50	39.64	39.64	39.64	39.64	39.78	40.07	40.64	41.06	41.20	41.06	39.93	38.79	38.93	39.22
28[a]	39.80	39.80	39.80	39.80	39.66	39.95	40.37	41.08	41.79	41.79	40.37	38.95	38.10	38.38	38.81
29[a]	39.53	39.67	39.81	39.67	39.67	39.81	40.67	41.38	42.23	42.37	41.23	39.10	37.97	38.11	38.54
30[a]	39.54	39.68	39.68	39.68	39.54	39.26	40.11	41.24	(42.38)	(42.52)	(41.10)	(39.96)	(38.68)	(38.96)	(39.53)
31	39.55	39.69	39.69	39.55	39.55	38.98	39.55	40.12	40.83	41.40	41.54	40.40	39.27	38.70	38.84
Mean	39.54	39.64	39.65	39.64	39.58	39.42	39.50	39.76	40.05	40.04	39.75	39.14	38.60	38.66	39.12
Mean[a]	39.59	39.62	39.73	39.73	39.68	39.57	40.10	40.76	41.47	41.55	40.56	39.31	38.46	38.60	39.05

APRIL, 1914.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.71	39.71	39.71	39.71	39.57	39.14	39.43	40.14	39.85	40.00	39.71	39.57	38.86	38.43	38.58
2	40.14	40.14	40.56	40.28	40.14	39.71	39.57	39.85	40.00	40.14	40.00	39.71	39.14	38.72	39.00
3	39.86	39.86	39.86	40.01	39.58	39.15	39.58	40.15	40.43	41.00	40.72	39.72	38.87	38.44	39.30
4	39.87	39.87	39.87	39.59	39.59	39.45	39.73	40.16	40.44	40.30	39.45	38.74	38.60	38.88	39.45
5	39.59	39.73	39.73	39.87	39.73	39.59	39.73	39.73	39.45	39.59	39.31	38.60	37.60	38.17	39.31
6	39.88	40.03	40.17	40.17	40.03	39.74	40.17	40.59	40.74	41.02	40.74	40.17	39.60	39.60	40.17
7	40.32	39.33	39.18	39.04	39.18	38.05	38.76	38.76	38.33	38.47	38.62	38.05	37.62	38.05	38.76
8	39.48	39.62	39.76	39.90	39.90	40.19	40.76	41.18	40.33	40.05	39.19	38.63	38.77	38.91	39.05
9	39.62	39.90	40.05	40.05	40.19	40.90	41.32	40.61	39.34	38.77	38.34	38.20	37.77	37.49	38.06
10	39.77	39.91	40.06	40.06	39.77	40.06	41.05	41.19	41.05	40.62	40.20	39.49	38.78	38.64	39.06
11	39.78	40.07	40.07	40.07	39.92	39.50	40.49	41.06	41.34	40.63	40.35	38.93	38.08	37.65	38.36
12[a]	39.79	40.08	40.22	40.22	39.93	40.36	41.50	41.78	42.06	41.50	40.08	38.94	38.09	37.66	38.09
13	39.80	39.94	40.09	39.94	39.80	39.80	40.51	40.80	40.65	40.09	39.09	38.81	38.81	38.81	39.09
14	39.67	39.95	40.10	39.95	39.95	40.24	40.95	41.23	40.95	40.38	39.53	38.25	37.97	37.68	38.25
15[a]	39.54	39.82	39.96	39.82	39.82	40.11	40.67	40.82	40.67	39.96	39.25	38.54	38.54	39.11	39.25
16	39.54	39.68	39.68	39.68	39.54	39.54	39.96	40.25	40.11	39.96	38.97	38.40	38.12	39.11	39.82
17	40.11	39.82	40.11	39.96	39.82	39.96	40.25	39.96	39.25	38.69	37.98	37.27	37.41	37.98	38.83
18	39.81	39.95	40.10	39.95	39.95	40.24	40.81	40.66	39.95	38.53	37.54	37.40	37.68	38.68	39.39
19	39.81	39.81	40.10	39.95	39.95	40.10	40.38	39.95	39.10	38.82	38.53	38.68	38.68	38.82	39.24
20	39.66	39.80	39.94	39.80	39.80	40.51	40.23	39.23	38.24	37.53	37.39	37.25	37.67	38.24	38.95
21	39.80	40.09	40.23	40.23	39.94	40.37	41.22	41.08	40.65	39.66	38.24	37.39	37.39	38.24	39.09
22	39.65	39.79	39.93	39.93	39.79	39.79	40.22	40.50	40.36	39.65	38.51	38.23	37.66	38.09	38.80
23	39.65	39.65	39.79	39.79	39.65	39.51	39.37	39.08	38.80	38.23	37.66	37.66	38.09	38.23	38.51
24	40.07	40.21	40.35	40.49	40.21	39.78	39.92	40.21	39.64	39.07	38.79	38.65	37.94	38.08	38.79
25	39.92	40.07	40.21	40.07	39.92	39.92	40.21	40.07	39.36	38.79	38.65	38.22	38.36	38.79	39.36
26[a]	39.63	39.77	39.91	39.77	39.63	40.06	40.77	41.05	41.19	40.62	(39.48)	(38.49)	(37.64)	37.36	37.93
27	39.77	39.63	39.77	39.91	39.63	40.06	40.48	41.05	41.48	40.77	39.48	38.35	38.21	38.92	-------
28	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
29[a]	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
30[a]	39.48	39.48	39.48	39.48	39.48	39.91	40.48	40.33	40.05	39.91	38.91	38.63	38.35	38.20	38.49
Mean	39.78	39.85	39.96	39.92	39.80	39.85	40.30	40.41	40.14	39.74	39.10	38.53	38.22	38.39	38.93
Mean[a]	39.61	39.79	39.89	39.82	39.72	40.11	40.86	41.00	40.99	40.50	39.43	38.65	38.16	38.08	38.44

[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

MARCH, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
40.24	40.53	39.96	39.82	39.82	39.67	39.67	39.82	39.82	39.56	17 00	40.53	12 00	38.54	1.99	1
39.94	39.80	39.65	39.65	39.65	39.51	39.51	39.37	39.51	39.37	3 39	40.22	10 14	37.95	2.27	2
40.36	40.22	39.51	39.51	39.65	39.51	39.37	39.51	39.65	39.36	16 00	40.36	10 00	38.09	2.27	3
40.08	39.94	39.80	39.80	39.80	39.65	39.51	39.65	39.65	39.46	16 00	40.08	10 00	38.52	1.56	4
39.51	39.94	39.94	39.80	39.65	39.65	39.51	39.37	39.37	39.50	5 32	40.01	13 00	38.80	1.21	5
39.94	40.36	40.36	40.08	39.94	39.80	39.65	39.51	39.37	39.72	17 23	40.64	11 52	39.30	1.34	6
39.94	40.22	40.08	39.80	39.65	39.65	39.65	39.51	39.37	39.77	9 00	40.36	14 00	39.23	1.13	7
39.80	40.08	39.65	39.37	39.37	39.37	39.23	39.23	39.23	39.45	17 19	40.15	13 46	38.38	1.77	8
39.94	39.80	39.65	39.51	39.37	39.65	39.51	39.37	39.37	39.51	10 00	40.08	12 39	38.38	1.70	9
39.80	40.08	39.94	39.65	39.37	39.37	39.23	39.23	39.37	39.44	17 00	40.08	13 00	38.09	1.99	10
39.24	39.38	39.38	39.52	39.52	39.52	39.38	39.38	39.24	39.18	8 00	39.81	13 00	37.39	2.42	11
39.52	39.81	39.66	39.52	39.38	39.38	39.24	39.38	39.38	39.35	10 00	40.09	14 00	38.10	1.99	12
38.81	39.10	39.24	39.38	39.52	39.52	39.38	39.38	39.52	39.31	2 10	39.73	13 34	38.60	1.13	13
39.24	39.24	39.24	39.24	39.38	39.38	39.38	39.24	39.24	39.18	4 00	39.81	12 00	38.39	1.42	14
39.38	39.52	39.24	39.38	39.38	39.52	39.38	39.24	39.10	39.17	9 16	39.73	13 41	38.17	1.56	15
39.38	39.66	39.66	39.52	39.38	39.52	39.38	39.88	39.24	39.26	2 46	40.23	13 34	37.96	2.27	16
39.88	39.81	39.66	39.66	39.66	39.52	39.52	39.38	39.52	39.34	17 00	39.81	14 00	38.39	1.42	17
39.11	39.39	39.67	39.53	39.39	39.53	39.53	39.39	39.39	39.19	4 27	40.10	14 00	37.97	2.13	18
40.96	41.10	40.25	39.68	39.54	39.54	39.40	39.54	39.40	39.79	17 00	41.10	6 26	39.33	1.77	19
39.55	39.98	39.69	39.84	39.69	39.55	39.55	39.55	39.69	39.60	9 00	40.26	14 00	38.84	1.42	20
39.71	39.86	39.43	39.57	39.43	39.43	39.43	39.43	39.43	39.46	11 00	40.00	14 00	38.29	1.71	21
39.58	39.87	39.72	39.72	39.58	39.44	39.44	39.44	39.44	39.74	10 00	41.57	14 00	38.59	2.98	22
39.73	39.59	39.45	39.45	39.45	39.59	39.59	39.59	39.73	39.79	10 28	41.65	6 00	39.02	2.63	23
39.32	39.74	39.74	39.60	39.74	39.74	39.60	39.60	39.46	39.65	9 00	40.88	13 35	38.04	2.84	24
39.20	39.48	39.62	39.48	39.48	39.48	39.62	39.62	39.62	39.26	11 00	40.05	13 39	37.49	2.56	25
39.21	39.77	39.77	39.63	39.77	39.63	39.49	39.49	39.35	39.44	10 00	41.19	13 25	37.22	3.97	26
40.07	40.21	39.93	39.78	39.64	39.64	39.50	39.50	39.78	39.87	10 00	41.20	13 00	38.79	2.41	27
39.38	39.95	39.80	39.66	39.66	39.52	39.52	39.38	39.52	39.78	9 46	41.93	13 00	38.10	3.83	28.
39.25	39.53	39.67	39.67	39.53	39.53	39.53	39.53	39.53	39.81	10 00	42.37	13 00	37.97	4.40	29
(39.96)	(40.10)	(39.96)	(39.82)	(39.68)	39.54	39 54	39.54	39.54	(39.98)	10 00	(42.52)	13 00	(38.68)	(3.84)	30
39.12	39.55	39.55	39.41	39.55	39.55	39.69	39.69	39.69	39.73	10 46	41.68	14 00	38.70	2.98	31
39.63	39.86	39.71	39.61	39.57	39.55	39.48	39.46	39.47	39.52	----------	40.59	----------	38.37	2.22	--------
39.54	39.88	39.82	39.73	39.62	39.54	39.51	39.45	39.43	39.76	----------	41.68	----------	38.43	3.25	--------

APRIL, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.86	39.43	39.57	39.29	39.43	39.43	39.43	39.71	40.00	39.47	8 00	40.14	14 00	38.43	1.71	1
39.57	40.00	39.85	39.57	39.71	39.57	39.57	39.57	39.85	39.76	3 00	40.56	14 00	38.72	1.84	2
40.15	40.43	39.72	39.58	39.44	39.44	39.58	39.72	39.86	39.77	10 16	41.28	14 00	38.44	2.84	3
40.02	40.16	40.02	39.73	39.73	39.59	39.45	39.31	39.59	39.65	9 00	40.44	13 13	38.46	1.98	4
40.02	40.30	40.02	39.59	39.31	39.59	39.59	39.59	39.73	39.48	17 00	40.30	13 14	37.32	2.98	5
41.16	42.58	40.88	39.32	39.17	38.75	39.46	39.74	40.03	40.16	16 35	42.86	21 00	38.75	4.11	6
39.61	40.18	39.75	39.61	39.33	39.04	39.18	39.33	39.47	39.00	1 00	40.32	12 43	37.55	2.77	7
39.19	39.90	39.62	39.48	39.34	39.19	39.19	39.34	39.62	39.61	8 00	41.18	11 41	38.49	2.69	8
38.91	39.34	39.48	39.34	39.19	39.34	39.48	39.48	39.76	39.37	7 00	41.32	14 00	37.49	3.83	9
39.63	40.20	39.91	39.63	39.63	39.63	39.49	39.63	39.63	39.88	8 00	41.19	13 19	38.50	2.69	10
39.07	39.92	39.64	39.36	39.50	39.64	39.50	39.64	39.64	39.68	9 00	41.34	13 39	37.58	3.76	11
38.80	39.65	39.65	39.37	39.22	39.51	39.51	39.51	39.65	39.80	9 00	42.06	14 00	37.66	4.40	12
39.38	39.94	39.52	39.88	39.38	39.38	39.38	36.23	39.52	39.63	8 00	40.80	12 25	38.53	2.27	13
38.96	39.67	39.81	39.67	39.53	39.39	39.39	39.39	39.53	39.60	8 00	41.23	13 39	37.61	3.62	14
39.54	39.82	39.54	39.40	39.40	39.25	39.40	39.25	39.40	39.62	8 00	40.82	12 16	38.40	2.42	15
40.25	40.39	40.11	39.82	39.54	39.68	39.25	39.68	39.68	39.62	17 17	40.53	12 40	37.98	2.55	16
39.82	40.39	39.82	39.68	39.68	39.68	39.82	39.68	39.68	39.40	17 00	40.39	12 24	37.13	3.26	17
40.24	40.38	39.81	39.67	39.53	39.53	39.53	39.53	39.67	39.52	7 00	40.81	12 00	37.40	3.41	18
39.95	40.24	39.67	39.67	39.39	39.53	39.53	39.53	39.67	39.13	7 00	40.38	12 34	38.25	2.13	19
39.80	40.09	39.80	39.80	39.66	39.66	39.66	39.66	39.80	39.26	6 19	40.65	12 00	37.25	3.40	20
39.80	40.09	39.66	39.23	39.52	39.38	39.38	39.52	39.52	39.57	7 00	41.22	12 20	37.25	3.97	21
39.65	40.08	39.93	39.65	39.51	39.51	39.51	39.65	39.65	39.50	8 00	40.50	13 00	37.66	2.84	22
39.37	40.22	39.93	39.51	39.51	39.37	39.51	39.65	39.71	39.19	17 16	40.29	11 48	37.59	2.70	23
39.50	39.92	39.64	39.50	39.21	39.36	39.36	39.50	39.78	39.50	4 00	40.49	13 25	37.80	2.69	24
40.07	40.07	39.78	39.36	39.21	39.07	39.21	39.50	39.64	39.49	2 21	40.28	12 00	38.22	2.06	25
39.06	39.63	39.49	39.35	39.49	39.49	39.49	36.63	39.63	39.52	9 00	41.19	14 00	37.36	3.83	26
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--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	28
--------	40.06	39.92	39.35	39.35	39.49	39.49	39.49	39.49	--------	--------	--------	--------	--------	--------	29
38.77	39.20	39.06	39.20	39.20	39.20	39.20	39.34	39.48	39.30	7 00	40.48	14 00	38.20	2.28	30
39.60	40.08	39.77	39.50	39.43	39.42	39.45	39.53	39.67	39.54	----------	40.85	----------	37.92	2.93	--------
38.04	39.67	39.53	39.33	39.33	39.39	39.42	39.44	39.53	39.56	----------	41.14	----------	37.91	3.23	--------

HOURLY VALUES OF DECLINATION.

MAY, 1914.

0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	39.47	39.47	39.47	39.33	39.19	39.33	39.47	39.61	39.76	39.61	39.19	37.91	37.48	37.34	38.05
2	39.33	39.47	39.47	39.19	39.19	39.19	39.61	39.61	39.47	38.76	38.19	37.91	37.77	38.48	39.05
3	39.32	39.46	39.46	39.32	39.32	39.60	41.02	40.88	--------	--------	--------	--------	--------	--------	--------
4	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
5	39.30	39.30	39.30	39.16	39.73	40.58	41.15	40.87	40.15	38.31	36.89	36.60	37.03	38.16	38.59
6	39.15	39.29	39.29	39.43	39.57	40.43	41.14	40.99	40.28	39.15	38.01	37.73	37.87	38.01	38.15
7	39.28	39.28	39.42	39.28	39.56	40.27	40.84	40.42	39.99	38.71	37.58	37.15	36.87	37.43	37.86
8	39.26	39.40	39.54	39.54	39.83	40.25	40.54	40.25	39.40	38.55	37.98	37.70	37.70	37.70	37.98
9[a]	39.25	39.39	39.39	39.39	39.39	39.68	39.68	39.25	39.11	38.97	38.82	38.54	38.11	37.83	37.97
10[a]	39.10	39.24	39.24	39.24	39.24	39.95	40.80	41.37	40.80	39.95	38.96	37.82	37.25	37.25	37.54
11	39.09	39.23	39.37	38.51	39.66	40.51	41.36	41.22	40.51	39.66	38.80	38.09	37.95	37.67	37.53
12	39.36	39.50	39.36	39.22	39.08	40.21	41.21	41.35	40.92	39.50	38.51	37.52	37.37	37.52	37.80
13	39.21	39.35	39.35	39.35	39.35	40.20	40.63	40.77	40.49	40.06	39.35	38.07	36.94	37.65	37.93
14[a]	39.05	39.19	39.19	39.05	39.05	39.76	40.75	40.89	40.75	40.47	39.62	38.62	38.05	37.77	38.20
15	38.90	39.04	39.18	39.32	39.32	39.75	40.46	40.17	39.61	39.04	38.47	38.04	37.76	38.19	39.04
16	39.04	39.61	39.89	39.89	39.75	40.46	40.88	40.74	39.32	38.33	37.48	36.62	36.91	37.48	37.76
17	39.18	39.32	39.46	39.61	39.61	39.75	40.03	40.17	39.32	38.75	38.04	37.62	37.33	37.76	38.47
18	39.03	39.17	39.31	39.31	39.31	40.45	40.31	39.88	39.60	38.74	38.18	37.75	37.89	38.32	38.60
19[a]	38.88	39.02	39.16	39.02	39.16	39.87	40.44	40.58	40.44	39.73	38.73	38.45	38.45	38.31	39.02
20[a]	38.87	39.01	39.01	39.01	39.15	40.29	40.57	39.58	38.44	37.45	37.16	37.59	37.59	37.45	37.73
21	38.86	39.00	39.00	39.14	39.42	40.42	40.42	40.28	39.57	38.43	37.44	36.87	37.29	37.86	38.43
22	39.13	39.27	39.13	38.99	38.99	39.13	38.70	38.70	38.28	37.57	37.28	37.43	37.14	37.99	38.85
23	39.12	39.26	39.26	39.26	39.12	39.83	39.83	39.69	39.12	38.55	38.13	37.42	37.42	38.13	38.84
24	39.11	39.11	39.25	39.25	39.25	40.25	40.39	39.96	39.25	38.12	37.55	37.41	37.55	37.83	37.69
25	38.96	39.10	38.96	38.96	38.96	39.67	40.38	40.24	38.96	37.25	36.54	36.69	36.54	37.40	38.25
26	39.09	39.23	39.09	39.37	39.23	40.37	40.51	40.65	39.80	38.66	37.53	36.82	37.53	37.81	37.81
27	39.51	39.65	40.07	39.51	39.51	40.07	41.21	41.49	40.64	38.37	37.80	37.52	37.52	37.66	37.94
28	39.07	39.21	39.21	38.93	38.93	39.21	40.35	41.06	40.77	39.78	38.93	38.08	37.51	37.37	37.51
29	38.92	39.06	39.06	39.06	39.06	39.91	40.91	40.48	39.77	39.20	38.49	37.78	37.50	37.64	38.35
30	38.91	39.05	39.05	38.91	39.05	40.33	41.18	41.04	40.33	39.05	38.06	36.92	36.64	36.92	37.77
31	38.90	39.18	39.18	39.04	39.32	40.32	41.60	41.88	41.17	39.75	38.47	37.19	36.63	37.34	38.33
Mean	39.12	39.26	39.30	39.25	39.31	40.00	40.55	40.47	39.86	38.91	38.14	37.58	37.43	37.73	38.17
Mean[a]	39.03	39.17	39.20	39.14	39.20	39.91	40.45	40.33	39.91	39.31	38.66	38.20	37.89	37.72	38.09

JUNE, 1914.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.46	39.31	39.74	39.60	39.74	40.59	41.87	41.59	40.17	39.17	37.89	38.32	38.18	38.32	38.18
2	39.03	39.17	39.31	39.31	39.46	40.02	40.73	40.59	40.45	39.60	38.46	38.18	37.89	37.89	37.75
3	39.45	39.59	39.73	39.73	39.73	39.87	40.58	40.30	40.01	39.73	38.88	38.31	38.30	38.16	38.02
4	39.28	39.57	39.57	39.43	39.28	39.57	39.71	39.85	39.71	39.28	38.86	38.57	38.86	39.00	39.00
5	39.27	39.42	39.56	39.56	39.70	40.13	40.55	40.69	40.84	39.70	38.28	37.57	37.56	37.84	38.13
6	39.11	39.25	39.40	39.68	39.82	40.67	40.82	40.25	39.68	38.97	37.98	37.41	37.69	37.98	38.40
7	39.10	39.24	39.39	39.53	39.67	40.81	41.38	41.23	41.09	39.81	38.25	37.11	36.82	37.39	37.96
8	39.08	38.94	39.22	39.51	39.65	40.36	41.21	41.78	41.35	41.07	40.08	38.23	38.23	37.80	38.23
9	39.21	39.36	39.50	39.50	39.36	39.78	40.35	40.49	40.07	39.64	38.93	38.22	37.78	37.64	37.93
10	39.19	39.19	39.34	39.48	39.62	39.90	40.90	41.18	41.04	40.76	39.62	38.77	38.20	38.06	38.20
11	39.18	39.18	39.33	39.33	39.47	40.18	41.03	41.17	40.75	39.61	38.47	37.76	37.33	37.75	37.90
12[a]	39.31	39.45	39.31	36.45	39.59	40.16	41.01	41.86	41.01	39.45	38.45	38.03	37.74	38.17	38.60
13[a]	39.01	39.30	39.44	39.44	39.30	40.15	40.86	40.72	40.43	39.15	37.88	36.74	39.59	36.45	36.87
14	39.28	39.42	39.42	39.56	39.70	40.27	40.55	40.70	40.27	39.13	38.57	37.71	37.99	38.27	38.98
15	38.97	39.11	39.26	39.26	39.11	39.26	39.54	39.82	39.40	38.55	38.12	37.84	38.12	38.26	38.40
16[a]	39.11	39.26	39.26	39.26	39.40	40.53	41.10	40.96	40.52	39.25	37.26	36.41	36.26	36.83	38.11
17[a]	39.23	39.37	39.37	39.37	39.51	40.36	40.79	40.93	40.35	39.36	38.08	37.23	37.80	38.22	38.36
18	39.05	39.20	39.34	39.34	39.48	39.76	39.91	39.91	39.62	39.20	38.49	37.78	38.05	38.33	38.90
19	39.03	39.18	39.32	39.32	39.46	40.17	41.02	41.15	40.87	38.88	38.03	37.60	37.18	36.89	37.75
20	39.15	39.43	39.57	39.71	39.86	40.85	41.42	41.13	40.41	38.71	37.57	36.58	36.30	36.58	37.57
21	39.12	39.26	39.40	39.40	39.54	40.82	42.67	43.09	41.95	39.39	37.54	36.12	35.84	36.83	38.12
22	38.94	39.09	39.23	39.37	39.51	40.36	40.79	41.07	40.36	38.94	37.95	37.38	37.51	37.66	37.94
23[a]	39.21	39.35	39.35	39.35	39.49	40.06	40.63	40.77	40.62	39.62	39.34	38.06	37.92	37.78	37.92
24	39.04	39.04	39.18	39.32	39.46	39.89	40.60	40.46	39.31	38.32	37.61	36.75	36.90	37.46	37.89
25	39.15	39.15	39.29	39.29	39.43	40.28	40.43	39.72	39.00	38.00	37.29	36.44	36.44	36.44	36.72
26	38.69	38.83	38.98	39.12	39.26	40.11	40.96	40.68	39.83	39.12	37.98	37.70	37.55	37.69	37.83
27	38.81	38.96	39.10	39.24	39.38	40.80	40.52	40.09	39.09	38.52	36.96	36.82	36.67	36.82	37.53
28	38.93	39.07	39.21	39.35	39.64	40.20	41.34	41.20	40.62	40.19	39.06	38.06	37.64	37.35	37.92
29	38.90	39.18	39.32	39.32	39.46	39.61	40.32	40.88	40.60	36.46	38.33	36.91	36.76	37.47	38.03
30	38.73	38.88	39.02	38.83	39.02	39.16	40.30	40.57	40.14	39.15	38.01	37.30	37.45	37.87	37.73
Mean	39.07	39.22	39.35	39.40	39.50	40.16	40.80	40.83	40.32	39.32	38.27	37.53	37.45	37.64	38.03
Mean[a]	39.17	39.35	39.35	39.37	39.46	40.25	40.88	41.05	40.59	39.37	38.20	37.29	37.26	37.49	37.97

[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

MAY, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	′
39.19	39.47	39.33	39.47	39.47	39.33	39.19	39.19	39.33	39.11	9 00	39.76	13 26	37.20	2.56	1
39.33	39.33	39.19	39.33	39.33	39.19	39.33	39.19	39.33	39.09	7 27	39.76	13 60	37.77	1.99	2
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	3
39.59	39.31	39.31	39.17	39.17	39.31	39.45	39.54	39.31	--------	--------	--------	--------	--------	--------	4
39.16	39.58	39.30	39.16	39.02	39.02	39.02	39.02	39.16	39.06	7 00	41.45	12 00	36.60	4.55	5
38.58	39.01	39.15	39.01	39.01	38.86	39.01	39.01	39.15	39.14	7 00	41.14	12 00	37.73	3.41	6
38.71	39.42	39.28	39.14	39.14	39.14	39.14	39.14	39.28	39.01	7 08	40.91	13 00	36.87	4.04	7
38.83	39.26	39.40	39.40	39.40	39.26	39.12	39.12	39.12	39.11	7 00	40.54	13 28	37.56	2.98	8
39.11	39.82	39.82	39.53	39.11	39.11	39.11	39.11	39.11	39.11	17 25	39.89	14 00	37.83	2.06	9
38.10	38.81	39.10	39.24	39.24	39.10	39.10	39.10	39.10	39.11	8 00	41.37	13 24	37.18	4.19	10
37.95	38.52	38.80	38.80	38.80	38.95	38.80	39.09	39.37	39.14	7 00	41.36	14 45	37.46	3.90	11
38.51	39.22	39.22	39.08	39.08	38.94	38.94	39.08	39.08	39.15	8 00	41.35	13 00	37.37	3.98	12
38.36	39.07	39.35	39.21	39.07	39.07	39.07	39.07	39.07	39.17	8 00	40.77	13 00	36.94	3.83	13
39.05	39.19	39.33	39.19	39.05	39.05	39.05	38.91	38.91	39.26	8 00	40.89	13 46	37.70	3.19	14
39.32	39.46	39.32	39.04	39.04	39.04	38.90	38.90	38.90	39.09	7 00	40.46	13 00	37.76	2.70	15
38.47	38.90	39.04	39.04	38.75	38.90	39.04	39.04	39.04	38.93	7 13	41.02	12 08	36.55	4.47	16
39.61	39.46	38.75	38.47	38.33	38.19	38.61	38.75	39.04	38.90	8 00	40.17	13 00	37.33	2.84	17
38.74	38.89	38.74	38.74	38.89	39.03	38.74	38.89	38.89	38.98	6 37	40.52	12 30	37.61	2.91	18
39.30	39.30	39.16	39.02	38.88	38.73	38.59	38.73	38.73	39.15	8 00	40.58	14 00	38.31	2.27	19
37.87	38.44	38.58	38.72	38.72	38.87	38.87	38.87	38.72	38.61	7 00	40.57	11 00	37.16	3.41	20
38.86	38.86	38.71	38.86	38.86	38.86	39.00	39.00	39.00	38.85	6 45	40.49	12 00	36.87	3.62	21
39.27	39.27	38.99	38.85	38.70	38.70	38.70	38.85	38.99	38.62	16 26	39.41	13 00	37.14	2.27	22
39.12	39.40	38.98	38.98	39.12	38.98	39.12	38.98	38.98	38.94	6 35	39.90	12 16	37.35	2.55	23
38.68	39.11	38.97	38.68	38.54	38.54	38.54	38.68	38.68	38.77	7 39	40.39	12 22	37.27	3.12	24
38.96	39.38	39.24	38.96	38.96	38.96	38.96	38.96	39.10	38.68	7 00	40.38	12 39	36.47	3.91	25
37.67	38.66	38.52	38.95	38.81	38.95	38.95	38.81	39.23	38.84	8 00	40.65	12 00	36.82	3.83	26
38.37	38.65	38.65	38.80	38.94	38.94	38.80	38.94	38.94	39.06	8 00	41.49	12 32	37.38	4.11	27
38.08	38.93	39.07	38.79	38.93	38.93	39.07	38.93	39.07	38.99	8 00	41.06	14 00	37.37	3.69	28
38.63	39.06	39.20	38.92	38.78	38.63	38.63	38.78	38.92	38.95	7 00	40.91	13 43	37.43	3.48	29
38.91	39.19	39.05	38.91	38.91	38.91	38.77	38.77	38.77	38.89	7 00	41.18	13 00	36.64	4.54	30
38.90	39.18	38.76	38.33	38.33	38.33	38.33	38.47	38.76	38.99	8 00	41.88	13 00	36.63	5.25	31
38.77	39.14	39.08	38.99	38.95	38.93	38.93	38.96	39.04	38.99	--------	40.69	--------	37.25	3.44	--------
38.69	39.11	39.20	39.14	39.00	38.97	38.94	38.94	38.91	39.05	--------	40.66	--------	37.64	3.02	--------

JUNE, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	′
38.04	38.32	38.32	38.46	38.75	38.60	38.46	38.75	38.89	39.07	7 00	41.87	16 00	38.04	3.83	1
38.04	38.32	38.46	38.60	39.03	39.03	39.03	39.03	39.17	39.02	7 20	40.87	15 00	37.75	3.12	2
38.44	38.73	39.01	39.01	38.87	38.73	38.73	38.87	39.01	39.16	7 00	40.58	15 00	38.02	2.56	3
39.28	39.14	39.14	39.14	39.14	39.00	38.86	39.00	39.14	39.22	8 00	39.85	12 00	38.57	1.28	4
38.70	39.12	38.84	38.84	38.98	38.84	38.70	38.84	38.98	39.11	9 00	40.84	12 30	37.43	3.41	5
39.11	39.40	38.69	38.40	38.54	38.83	39.11	38.97	38.97	39.05	7 00	40.82	12 00	37.41	3.41	6
39.38	39.52	39.38	39.09	38.67	38.52	38.38	38.67	38.95	39.14	7 00	41.38	13 00	36.82	4.56	7
38.94	39.37	39.22	39.22	39.08	38.94	39.22	38.80	39.08	39.44	8 00	41.78	14 00	37.80	3.98	8
38.07	38.35	38.64	38.92	38.78	38.78	38.92	38.92	39.06	39.01	8 00	40.49	14 00	37.64	2.85	9
38.48	39.05	38.91	38.77	38.91	38.91	38.77	38.91	39.05	39.30	8 00	41.18	14 00	38.06	3.12	10
38.18	38.32	38.46	38.46	38.75	38.89	39.03	39.17	39.17	39.04	8 00	41.17	13 00	37.33	3.84	11
39.16	39.02	39.02	39.02	38.88	38.74	38.74	38.74	38.74	39.24	8 00	41.86	13 00	37.73	4.12	12
37.44	38.01	38.15	38.72	38.86	38.72	38.86	39.00	39.14	38.72	7 00	40.86	14 00	36.45	4.41	13
38.84	38.70	38.56	38.70	38.70	38.70	38.70	38.84	38.98	39.11	8 00	40.70	12 00	37.71	2.99	14
38.26	38.12	37.69	38.12	38.12	38.26	38.55	38.83	38.97	38.66	8 00	39.82	12 00	37.84	1.98	15
38.96	39.09	38.67	38.53	38.67	38.81	38.95	38.95	39.09	38.88	7 00	41.10	12 45	36.19	4.91	16
38.08	38.07	38.21	38.35	38.35	38.50	38.64	38.92	38.92	38.93	7 54	41.00	12 18	37.16	3.84	17
39.33	39.47	39.19	39.04	38.62	38.90	38.90	38.76	38.90	39.06	7 24	40.05	12 00	37.78	2.27	18
39.02	39.44	39.16	38.87	38.59	38.73	38.87	38.87	39.01	39.02	8 00	41.15	12 21	36.75	4.40	19
38.43	39.13	38.98	38.98	38.98	38.70	38.84	38.98	39.13	38.96	6 55	41.49	12 48	36.23	5.26	20
39.12	39.38	39.10	38.81	38.81	38.67	38.53	38.81	38.81	39.13	8 00	43.09	12 42	35.77	7.32	21
38.08	38.22	38.22	38.79	38.65	38.79	38.79	38.93	39.08	38.90	8 00	41.07	12 00	37.38	3.69	22
38.77	38.90	38.90	38.90	38.90	39.05	39.05	39.05	39.05	39.17	8 00	40.77	14 33	37.71	3.06	23
38.17	39.02	38.87	38.73	38.73	38.73	38.87	39.02	39.16	38.77	7 24	40.67	12 00	36.75	3.92	24
37.29	37.99	38.13	38.42	38.28	38.13	38.70	38.84	38.84	38.40	6 48	40.50	12 21	36.37	4.13	25
39.11	39.25	38.97	38.26	38.26	38.40	38.54	38.54	38.68	38.85	7 00	40.96	13 09	37.48	3.48	26
37.81	37.94	37.94	38.08	38.51	38.37	38.51	38.65	38.79	38.50	6 33	40.94	13 00	36.67	4.27	27
38.21	38.76	38.34	38.05	37.91	38.05	38.20	38.34	38.62	38.93	7 21	41.41	13 21	37.28	4.13	28
38.74	39.17	39.17	38.60	38.46	38.60	38.46	38.46	38.60	38.87	8 00	40.88	12 21	36.69	4.19	29
37.73	37.86	37.86	38.00	37.86	38.00	38.15	38.29	38.57	38.52	7 42	40.64	12 00	37.30	3.34	30
38.51	38.77	38.67	38.66	38.65	38.66	38.74	38.82	38.95	38.97	--------	40.99	--------	37.27	3.72	--------
38.48	38.62	38.59	38.70	38.73	38.76	38.85	38.93	38.99	38.99	--------	41.12	--------	37.05	4.07	--------

HOURLY VALUES OF DECLINATION.

JULY, 1914.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.56	38.70	38.70	38.85	38.99	39.27	40.12	40.27	39.56	38.70	37.71	36.57	36.29	36.72	37.71
2[a]	38.42	38.56	38.70	38.70	38.85	39.13	40.12	40.41	40.12	39.41	38.28	37.28	36.99	36.71	37.27
3	38.83	38.97	39.11	39.11	38.97	39.39	40.53	41.52	41.22	40.25	39.11	38.40	37.68	37.40	37.54
4	38.66	38.81	38.81	38.95	38.95	39.37	40.51	40.79	40.23	39.09	38.52	37.24	37.23	37.52	38.23
5	38.79	38.93	39.07	39.07	39.21	40.35	40.63	40.21	39.35	37.93	37.51	37.22	37.07	36.08	37.36
6	38.48	38.62	38.77	39.05	39.48	40.33	40.47	40.33	39.90	38.62	37.06	36.21	36.20	36.77	37.48
7	38.46	38.75	38.89	39.03	39.17	40.45	41.30	40.73	40.01	38.74	37.60	37.03	37.17	37.74	38.59
8[a]	38.72	38.86	38.86	38.86	39.00	39.99	40.70	40.42	39.28	38.57	37.86	37.30	37.14	37.00	37.57
9	38.27	38.55	38.55	38.84	38.98	39.97	40.97	41.54	40.68	39.12	38.41	37.56	37.27	37.12	37.55
10	38.68	38.82	38.96	39.10	39.39	40.66	41.66	41.23	39.24	38.11	37.26	36.69	36.96	37.10	37.39
11	38.51	38.80	38.94	38.80	38.94	40.08	41.35	41.50	40.79	39.51	37.80	36.53	36.23	36.66	36.09
12	38.64	38.64	38.64	38.78	38.78	39.63	40.48	40.77	40.48	39.91	38.49	36.93	36.21	36.78	37.49
13[a]	38.33	38.47	38.62	38.76	38.90	39.61	40.04	39.89	39.47	38.90	38.05	37.34	36.34	36.63	37.20
14	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
15	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
16	38.68	38.83	38.97	39.11	39.25	39.82	40.81	40.25	39.82	38.68	38.12	37.12	36.70	36.55	37.41
17[a]	38.68	38.83	38.97	39.11	39.25	39.82	40.81	41.24	40.81	39.68	38.68	37.69	37.12	37.26	37.55
18	39.54	38.68	38.83	38.97	39.54	40.25	40.96	40.81	40.25	39.39	38.54	38.40	38.26	37.83	37.55
19[a]	38.68	38.97	39.25	39.25	39.11	39.82	40.10	39.82	39.39	38.68	38.26	37.97	38.12	38.54	39.39
20	38.54	38.68	38.68	38.83	39.25	39.82	39.96	39.68	38.26	37.41	36.84	36.70	36.98	37.26	38.12
21	38.53	38.82	39.10	39.24	39.67	40.66	41.23	41.23	40.38	39.38	38.25	37.40	37.96	38.39	38.25
22	38.53	38.82	39.24	39.10	39.67	40.24	40.52	40.80	39.67	38.11	36.83	35.98	35.98	36.83	37.54
23	38.53	38.67	39.24	39.10	39.53	40.24	40.95	40.52	38.67	37.40	37.11	36.83	36.97	37.40	38.11
24	38.67	38.82	39.38	39.38	39.67	40.95	41.51	40.80	39.24	37.82	36.54	35.69	35.55	36.12	36.97
25	38.66	38.81	39.23	39.52	39.66	40.23	41.93	42.21	41.22	39.80	38.38	36.96	35.82	35.97	37.24
26	38.52	38.66	38.81	39.23	39.37	40.37	40.94	40.79	39.52	38.24	37.24	36.11	36.25	37.10	37.95
27	38.66	38.81	39.09	38.95	39.37	40.65	41.50	41.93	41.08	39.94	39.37	37.95	37.24	37.10	37.24
28	38.66	38.81	39.09	39.23	39.52	40.65	41.50	41.65	40.79	39.80	38.52	37.95	37.81	37.24	37.10
29	38.80	39.22	38.80	38.94	39.22	39.65	40.50	40.37	39.93	39.36	38.94	38.23	38.09	37.94	37.66
30	38.23	39.22	38.94	39.22	39.36	40.93	41.21	41.07	40.07	38.80	37.94	37.52	37.80	37.80	37.94
31	38.51	38.51	39.08	38.80	38.51	39.36	39.79	39.51	39.22	38.65	38.37	38.23	37.66	37.94	37.80
Mean	38.58	38.78	38.94	39.03	39.23	40.06	40.80	40.77	39.95	38.90	37.99	37.21	37.00	37.16	37.63
Mean[a]	38.57	38.74	38.88	38.94	39.02	39.67	40.35	40.36	39.81	39.05	38.23	37.52	37.14	37.23	37.80

AUGUST, 1914.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.36	38.50	38.50	38.50	38.64	39.78	40.35	40.06	39.35	38.22	36.94	36.51	36.66	36.94	37.08
2	33.22	38.64	38.50	38.36	38.50	39.35	39.92	40.06	36.64	38.36	37.51	37.37	37.22	37.37	37.93
3	38.35	38.49	38.49	38.63	38.63	39.77	40.34	40.20	39.91	38.92	38.35	37.50	36.93	37.21	37.36
4	38.49	38.49	38.63	38.49	38.92	40.05	40.76	40.48	39.76	38.48	37.20	36.64	36.49	37.35	38.34
5	38.32	38.46	38.60	38.89	39.31	40.45	40.88	39.74	38.03	36.04	35.47	36.04	36.89	37.60	38.31
6	38.29	38.43	38.43	38.72	39.28	40.28	41.27	41.41	40.27	38.14	35.44	35.16	35.58	36.86	38.14
7	38.26	38.54	38.83	38.69	38.54	39.82	40.67	40.25	38.68	36.69	35.55	35.84	36.55	36.97	37.82
8	38.23	38.23	38.23	38.51	39.08	40.36	41.64	41.92	41.06	39.64	38.50	37.79	37.51	37.65	37.79
9[a]	38.34	38.34	38.48	38.48	38.77	39.62	40.61	41.04	40.46	39.33	38.05	36.77	36.77	37.34	37.76
10[a]	38.17	38.31	38.31	38.45	39.02	40.02	40.58	40.30	38.87	37.88	36.60	36.31	36.17	36.17	37.31
11	38.14	38.14	38.28	38.42	38.71	39.56	40.70	41.12	40.12	38.70	37.70	36.99	36.71	36.99	37.99
12	38.39	38.54	38.82	39.10	39.39	40.24	40.10	39.25	38.10	36.68	36.40	35.97	35.54	36.54	37.53
13	38.51	38.65	38.65	38.79	39.07	40.35	41.77	41.49	40.48	38.35	37.08	36.22	35.51	36.37	37.36
14[a]	38.05	38.19	38.33	38.48	39.19	40.18	41.88	42.17	41.16	39.46	37.61	37.33	36.76	36.76	37.19
15	38.16	38.30	38.45	38.59	39.01	40.29	41.57	41.85	40.71	38.44	37.16	36.59	36.45	36.31	37.30
16[a]	37.99	38.13	38.13	38.27	38.56	39.69	40.83	40.40	39.26	37.55	36.70	36.56	36.56	36.99	37.70
17	37.96	37.96	38.10	38.24	38.81	40.37	40.52	39.38	38.39	37.25	35.81	35.12	35.40	36.82	37.68
18	37.96	38.10	38.24	38.67	39.24	40.09	40.66	40.09	39.10	37.39	36.26	35.83	36.39	36.67	37.24
19	38.08	38.22	38.37	38.65	38.93	40.50	41.21	41.21	39.50	37.66	36.95	36.80	37.22	37.50	38.78
20	37.92	38.06	38.35	38.20	38.77	40.05	40.19	39.77	38.91	37.35	36.36	36.22	36.77	36.92	37.48
21	37.90	37.90	38.18	38.75	39.04	40.46	40.74	40.17	38.33	37.05	36.48	36.05	36.33	37.04	37.89
22[a]	38.02	38.16	38.31	38.59	39.02	40.29	41.57	41.57	39.73	38.45	36.60	35.61	35.88	36.59	37.73
23	37.86	38.00	38.00	38.14	38.57	39.85	40.70	40.27	39.00	37.58	36.44	35.45	35.72	36.29	37.42
24	38.12	38.27	38.55	38.69	39.12	40.25	41.85	42.10	40.96	38.83	36.99	35.85	35.13	35.84	36.41
25	37.96	38.10	38.39	38.67	38.81	40.23	41.94	42.08	41.23	39.24	37.68	36.40	35.96	35.68	36.25
26	38.08	38.37	38.51	38.65	38.79	39.93	40.64	40.50	39.79	38.23	37.37	36.38	36.23	36.09	36.37
27	37.92	38.06	38.21	38.63	38.77	39.48	40.62	41.33	40.62	38.92	36.79	35.93	35.92	36.35	37.06
28	37.90	37.90	38.04	38.04	38.47	39.89	41.17	41.88	40.03	36.62	35.06	35.06	35.62	36.33	37.32
29	37.74	37.74	37.74	37.88	38.31	40.01	41.72	41.57	39.16	36.60	36.32	36.18	36.17	36.45	36.59
30	37.86	37.86	37.72	37.86	38.29	39.85	41.13	41.55	39.57	37.72	36.30	35.45	35.30	36.01	37.00
31	37.27	37.56	37.84	37.98	38.41	39.69	39.97	89.55	39.40	38.27	37.27	36.28	36.84	37.41	37.69
Mean	38.09	38.21	38.33	38.48	38.84	40.02	40.92	40.80	39.66	38.00	36.80	36.26	36.30	36.76	37.48
Mean[a]	38.11	38.23	38.31	38.45	38.91	39.96	41.09	41.10	39.90	38.53	37.11	36.52	36.43	36.77	37.54

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[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

JULY, 1914.

θ° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
37.99	38.14	37.99	37.99	37.99	37.99	38.14	38.14	38.28	38.31	8 00	40.27	13 00	36.29	3.98	1
37.70	37.84	37.98	38.27	38.41	38.55	38.55	38.69	38.69	38.48	8 00	40.41	14 00	36.71	3.70	2
38.25	38.53	38.11	38.11	38.39	38.53	38.39	33.53	38.67	38.90	8 00	41.52	14 05	37.33	4.19	3
38.65	38.80	38.80	38.65	38.23	38.37	38.51	38.51	38.65	38.75	7 40	40.86	12 30	37.16	3.70	4
38.49	38.49	37.78	38.63	37.92	37.92	38.63	38.92	38.78	38.51	7 00	40.63	14 15	36.01	4.62	5
38.19	38.33	38.33	38.19	38.33	38.19	38.19	38.19	38.33	38.42	7 00	40.47	12 24	36.13	4.34	6
38.31	38.30	38.30	38.16	38.02	38.16	38.44	38.44	38.58	38.68	7 00	41.30	12 00	37.03	4.27	7
38.28	38.42	38.14	38.14	38.14	38.14	38.00	37.85	38.00	38.47	7 00	40.70	13 30	36.93	3.77	8
37.83	38.54	38.40	38.26	37.98	38.54	38.54	38.40	38.54	38.68	8 00	41.54	14 00	37.12	4.42	9
37.53	37.67	37.81	37.81	38.52	38.10	38.24	38.24	38.38	38.48	7 00	41.66	12 00	36.69	4.97	10
36.66	37.37	37.65	37.94	38.08	38.22	38.36	38.50	38.50	38.41	8 00	41.50	15 00	36.09	5.41	11
37.63	37.77	37.77	37.77	37.77	37.77	37.92	37.92	38.06	38.38	8 00	40.77	12 50	36.14	4.63	12
37.34	37.48	37.48	37.62	37.62	37.76	37.91	38.05	38.05	38.16	7 00	40.04	13 24	36.27	3.77	13
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38.40	38.68	38.54	38.40	38.26	38.26	38.40	38.40	38.54	38.58	7 00	40.81	13 48	36.48	4.33	16
37.97	38.40	38.54	38.40	38.40	38.26	38.26	38.40	38.54	38.78	8 00	41.24	13 00	37.12	4.12	17
37.97	38.40	38.54	38.54	38.40	38.26	38.26	38.40	38.54	38.84	7 15	41.03	15 00	37.55	3.48	18
39.68	38.97	38.40	38.40	38.40	38.40	38.26	38.40	38.40	38.86	6 48	40.24	11 45	37.90	2.34	19
38.54	38.68	38.40	38.40	38.40	38.40	38.40	38.40	38.40	38.38	7 00	39.96	11 35	36.63	3.33	20
38.53	38.67	38.67	38.53	38.39	38.39	38.39	38.25	38.39	38.95	7 40	41.37	12 00	37.40	3.97	21
38.25	38.39	38.25	38.39	38.39	38.39	38.25	38.25	38.39	38.45	6 27	40.87	12 18	35.91	4.96	22
38.82	38.96	38.67	38.39	38.53	38.39	38.39	38.39	38.53	38.60	7 00	40.95	12 00	36.83	4.12	23
37.82	38.39	38.67	38.53	38.39	38.39	38.39	38.39	38.53	38.44	7 00	41.51	13 00	35.55	5.96	24
38.24	38.38	38.24	38.24	38.10	38.24	38.24	38.38	38.52	38.76	8 00	42.21	13 40	35.75	6.46	25
38.38	38.38	38.52	38.52	38.38	38.38	38.52	38.52	38.66	38.56	7 00	40.94	12 36	36.04	4.90	26
37.53	38.38	38.52	38.66	38.38	38.38	38.38	38.52	38.52	38.92	7 40	42.00	13 42	37.03	4.97	27
37.39	38.24	38.52	38.38	38.52	38.52	38.66	38.66	38.81	38.92	8 00	41.65	15 06	37.03	4.62	28
37.80	38.23	38.37	38.51	38.51	38.65	39.08	38.65	38.94	38.85	7 00	40.50	14 33	37.59	2.91	29
38.09	38.37	39.08	38.37	38.09	37.94	38.37	38.37	38.51	38.80	7 21	41.35	12 18	37.45	3.90	30
37.94	38.23	38.51	38.37	38.37	38.23	38.23	38.09	37.94	38.49	7 06	39.86	13 12	37.59	2.27	31
38.08	38.33	38.31	38.30	38.25	38.27	38.36	38.37	38.47	38.61	----------	40.97	----------	36.75	4.22	--------
38.19	38.22	38.11	38.17	38.19	88.22	38.20	38.28	38.34	38.55	----------	40.53	----------	36.99	3.54	--------

AUGUST, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
37.22	38.08	38.36	38.50	38.86	38.22	38.22	38.22	38.22	38.24	7 00	40.35	12 20	36.44	3.91	1
38.50	38.50	38.36	38.22	38.22	38.22	38.36	38.36	38.36	38.42	8 00	40.06	12 51	37.15	2.91	2
37.92	38.63	38.49	38.49	38.35	38.21	38.35	38.21	38.21	38.50	7 30	40.41	13 00	36.93	3.48	3
39.33	39.75	39.18	38.33	38.33	38.19	38.33	38.33	38.33	38.61	7 18	40.83	12 36	36.42	4.41	4
38.88	39.29	39.29	38.58	38.44	38.30	38.30	38.16	38.16	38.35	7 12	40.95	11 00	35.47	5.48	5
38.85	38.84	38.41	33.27	38.27	38.13	38.13	38.27	38.41	38.39	7 27	41.48	12 00	35.16	6.32	6
38.39	38.95	38.95	38.81	38.52	38.38	38.38	38.24	38.24	38.27	7 00	40.67	11 00	35.55	5.12	7
37.94	38.07	38.07	38.21	38.21	38.21	38.21	38.21	38.21	38.73	8 00	41.92	13 00	37.51	4.41	8
38.33	39.03	38.61	38.32	38.18	38.18	38.18	38.18	38.18	38.56	8 00	41.04	12 56	36.70	4.34	9
38.16	38.72	38.72	38.43	38.29	38.29	38.15	38.15	38.15	38.23	6 25	40.65	13 42	86.10	4.55	10
38.27	38.97	39.11	38.40	38.12	38.12	38.12	38.12	38.26	38.49	7 42	41.19	13 00	36.71	4.48	11
38.10	38.66	38.52	38.23	38.09	38.09	38.09	38.23	38.37	38.12	6 30	40.31	13 00	35.54	4.77	12
38.35	38.49	38.20	38.06	37.92	37.92	38.06	38.06	38.06	38.41	7 20	41.84	13 00	35.51	6.33	13
38.04	38.46	38.31	38.03	38.31	38.17	38.03	38.03	37.89	38.58	8 00	42.17	13 27	36.69	5.48	14
38.01	38.57	38.28	38.00	38.14	38.14	38.00	38.00	38.00	38.43	8 00	41.85	14 00	36.31	5.54	15
38.12	38.96	38.68	38.11	38.11	38.11	37.97	37.97	37.97	38.22	7 00	40.83	13 10	36.49	4.34	16
38.39	88.95	38.95	38.39	38.24	38.10	37.96	37.82	37.96	38.02	6 36	40.59	12 00	35.12	5.47	17
38.23	38.94	38.66	38.38	38.09	37.95	37.95	37.95	37.95	38.17	7 00	40.66	12 00	35.83	4.83	18
39.35	39.21	38.64	38.21	38.07	38.07	37.93	37.93	37.93	38.54	6 54	41.28	12 00	36.80	4.48	19
38.05	38.90	38.62	38.48	38.19	38.19	38.19	37.91	37.77	38.15	6 36	40.26	11 12	36.15	4.11	20
38.17	88.74	39.03	38.60	38.17	38.17	38.03	37.89	37.89	38.21	7 00	40.74	12 00	36.05	4.69	21
38.72	38.86	38.44	38.44	38.30	38.15	38.01	38.01	37.87	38.37	7 25	41.64	12 00	85.61	6.03	22
38.13	38.70	38.28	38.13	38.28	37.99	37.85	37.85	38.99	38.02	7 00	40.70	12 00	35.45	5.25	23
37.26	37.97	38.26	38.11	37.97	37.97	37.83	37.83	37.83	38.25	8 00	42.10	13 00	35.13	6.97	24
36.96	37.81	37.95	37.95	37.81	37.95	37.95	37.81	37.95	38.28	8 00	42.08	13 40	35.61	6.47	25
37.36	37.93	38.07	38.22	38.22	38.07	37.93	37.93	37.93	38.15	7 00	40.64	13 48	86.02	4.62	26
37.91	38.62	38.48	38.34	38.20	38.05	37.91	37.91	37.91	38.25	8 00	41.33	13 00	35.92	5.41	27
38.03	38.60	38.03	37.75	38.03	38.18	37.89	37.75	87.89	37.98	8 00	41.88	12 06	85.00	6.88	28
37.59	37.73	37.87	38.01	38.44	38.16	38.01	37.73	37.73	37.98	7 00	41.72	13 10	86.10	5.62	29
37.85	38.85	38.70	37.99	37.85	37.71	37.71	37.57	37.71	37.98	8 00	41.55	12 48	85.23	6.32	30
38.26	38.97	38.97	38.40	38.26	37.97	37.69	37.69	37.69	38.14	7 00	39.97	12 00	36.28	3.69	31
38.15	38.67	38.53	38.27	38.19	38.11	38.06	38.01	38.03	38.29	----------	41.09	----------	36.02	5.06	--------
38.27	38.81	38.55	38.27	33.24	38.18	38.07	38.07	38.01	38.39	----------	41.27	----------	36.32	4.95	--------

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1914.

0° East plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.68	37.82	37.96	38.11	38.39	38.82	39.53	40.52	39.38	37.68	36.26	35.41	35.82	36.39	37.53
2[a]	37.52	37.66	37.80	37.94	38.23	38.94	39.79	39.93	39.51	37.94	36.67	35.81	36.09	36.37	37.22
3	37.78	37.92	37.92	38.21	38.49	38.92	39.63	40.48	37.92	35.37	34.23	33.95	34.52	35.23	36.50
4	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
5	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
6	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	35.37	36.79
7[a]	37.35	37.49	37.77	37.91	38.20	38.91	39.19	39.48	38.34	36.92	35.78	35.22	34.78	35.49	36.63
8	37.89	37.89	38.04	38.18	38.46	39.17	40.02	39.60	39.17	36.76	35.20	34.34	35.04	35.61	36.61
9	37.87	37.87	38.02	38.16	--------	--------	--------	40.57	39.44	36.88	35.18	34.47	35.45	36.44	37.15
10	37.71	37.85	38.00	38.14	38.28	39.42	40.13	39.70	38.99	38.00	36.86	35.58	35.29	35.57	36.42
11	37.27	37.69	37.83	37.98	38.26	39.11	40.11	39.68	39.40	38.54	37.55	36.56	35.98	36.40	36.69
12	37.67	37.53	37.53	37.67	38.24	39.38	40.65	41.08	39.94	37.96	36.39	35.12	35.25	36.38	37.95
13	37.94	37.94	37.94	38.22	38.93	40.07	40.78	40.21	39.21	37.94	36.52	35.52	35.23	36.22	37.50
14[a]	38.20	38.20	--------	--------	--------	--------	--------	39.76	39.19	37.63	36.35	35.50	35.21	36.49	38.33
15	--------	--------	--------	--------	--------	--------	--------	40.03	38.18	36.33	35.62	35.34	35.76	37.03	38.03
16	38.28	38.28	38.28	38.42	38.99	39.56	40.27	40.27	39.70	38.00	36.72	36.43	36.58	37.14	38.56
17	38.13	38.27	38.41	38.70	39.12	39.69	40.54	40.12	38.41	37.70	37.13	36.42	36.71	37.70	38.55
18	38.26	38.40	38.40	38.54	38.83	39.68	40.67	40.39	38.12	37.41	36.84	36.56	36.40	37.68	38.68
19	38.38	38.52	38.81	38.95	39.23	39.94	40.80	40.37	39.09	37.96	36.82	36.39	36.10	37.09	38.94
20	38.52	38.65	38.79	38.79	39.07	40.21	41.06	40.49	38.22	36.37	35.24	34.67	34.94	36.08	37.50
21[a]	38.34	38.34	38.48	39.05	39.62	40.76	42.18	41.61	39.19	36.78	35.08	34.22	34.78	36.34	38.05
22	38.32	38.32	38.32	38.46	38.75	39.88	41.16	40.88	39.17	37.33	36.48	35.62	36.32	36.75	38.03
23	38.30	38.30	38.44	38.44	38.59	39.86	41.85	41.57	39.72	36.88	35.32	34.75	35.45	36.16	37.01
24	38.14	38.42	38.71	39.13	39.42	39.99	40.70	39.99	38.42	36.44	35.30	35.16	35.01	36.28	37.85
25	38.26	38.40	38.55	38.69	38.97	39.54	40.53	40.25	39.11	38.40	36.98	36.13	35.55	36.26	37.26
26[a]	38.24	38.24	38.38	38.53	38.53	39.24	39.95	40.51	39.52	38.67	37.67	36.39	37.24	37.81	38.52
27	38.22	38.22	38.36	38.51	38.65	38.93	40.35	39.93	38.36	37.80	37.37	36.66	36.93	37.79	38.35
28	38.06	37.92	38.06	37.78	38.20	39.48	40.47	39.91	38.06	37.07	36.78	36.64	36.77	37.48	38.19
29	38.47	38.61	38.89	39.03	39.18	39.46	40.31	39.74	38.47	37.05	36.62	36.19	36.47	36.61	37.04
30	38.16	38.16	38.02	38.02	38.16	39.01	39.44	39.16	38.02	36.60	36.03	35.46	36.02	36.59	37.73
Mean	38.04	38.11	38.23	38.38	38.70	39.50	40.42	40.23	38.90	37.35	36.26	35.61	35.73	36.53	37.63
Mean[a]	37.93	37.99	38.11	38.36	38.64	39.46	40.28	40.26	39.15	37.59	36.31	35.63	35.62	36.50	37.75

OCTOBER, 1914.

0° East plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.00	38.00	37.86	38.00	38.00	38.71	39.70	40.13	37.86	35.87	35.44	35.30	36.30	37.72	38.14
2	38.00	38.00	38.00	38.28	38.28	38.99	39.56	39.99	39.14	36.86	35.87	35.30	35.87	37.43	38.85
3	38.27	38.27	38.56	38.70	38.56	39.27	40.26	39.98	39.69	37.85	36.29	35.29	35.43	36.57	37.85
4	38.12	38.41	38.83	38.83	38.55	38.83	39.97	40.25	40.11	38.83	37.27	36.99	37.13	37.41	38.55
5	38.25	38.40	38.54	38.40	38.54	38.54	38.96	39.67	38.68	37.40	36.55	36.55	35.98	36.41	37.40
6	38.39	38.24	38.39	38.53	38.10	38.39	39.10	40.09	40.23	39.66	38.81	38.24	37.82	37.82	38.10
7	38.51	38.51	38.65	38.51	38.37	38.51	38.51	38.79	38.65	38.22	37.51	36.80	36.38	37.23	38.37
8	38.50	38.50	38.21	38.36	38.50	38.64	39.21	39.63	38.64	37.50	37.08	36.08	35.80	36.23	37.36
9	38.35	38.35	38.20	37.92	37.92	38.49	39.20	39.34	39.06	38.63	38.06	37.21	36.93	37.21	37.92
10	38.05	37.91	37.91	37.91	38.05	37.91	38.48	38.76	38.62	38.34	37.63	36.92	37.20	37.91	38.62
11	38.47	38.18	38.33	38.33	38.18	38.33	38.75	39.32	39.60	38.75	38.33	37.05	36.91	37.76	38.47
12[a]	38.17	38.32	38.32	38.17	38.03	38.17	38.60	38.88	39.17	38.17	37.18	36.75	37.18	37.89	38.46
13	38.16	38.31	38.31	38.16	38.02	38.16	39.02	39.58	39.87	39.73	37.74	36.60	36.46	37.17	38.31
14[a]	38.30	38.30	38.30	38.15	38.15	38.01	38.30	38.44	38.44	37.59	36.88	36.45	37.02	37.59	37.87
15	38.43	38.29	38.29	38.14	38.14	38.43	39.00	39.85	39.99	38.85	37.86	37.43	37.72	38.00	38.29
16	38.14	38.14	38.14	37.86	37.72	38.14	38.57	39.42	39.56	38.71	37.86	37.58	37.43	37.86	38.71
17	38.13	38.13	38.13	38.28	38.13	38.42	38.84	38.70	38.42	37.85	37.14	37.00	37.42	38.42	39.13
18	38.41	38.41	38.41	38.41	38.27	38.41	38.69	38.69	38.27	37.41	36.28	36.56	37.27	37.56	38.27
19	38.40	38.40	38.40	38.40	38.26	38.68	39.56	40.10	39.96	39.39	38.68	37.69	37.83	38.40	38.82
20	38.40	38.40	38.26	38.26	38.26	37.97	37.83	38.26	38.40	38.11	37.97	38.11	37.97	37.55	38.11
21	38.39	38.39	38.39	38.39	38.25	38.10	38.39	38.96	39.24	38.53	38.39	37.96	37.68	37.54	37.96
22	38.38	38.52	38.52	38.52	38.38	38.66	39.09	39.51	39.66	38.66	37.67	37.67	37.24	37.53	38.09
23	38.37	38.37	38.37	38.37	38.51	38.79	39.22	39.65	39.79	39.22	38.51	37.23	37.37	37.80	37.94
24[a]	38.37	38.37	38.37	38.37	38.37	38.65	38.94	39.22	39.50	39.22	37.80	36.95	37.23	37.66	37.80
25[a]	38.36	38.36	38.36	38.36	38.36	38.50	38.93	39.92	40.20	39.78	38.07	36.37	36.51	37.22	37.79
26[a]	38.35	38.35	38.35	38.49	38.49	38.63	39.06	39.63	39.48	38.63	37.35	36.93	37.07	37.64	38.21
27	38.34	38.20	38.34	38.20	38.05	38.05	38.20	38.48	38.91	38.48	37.06	36.63	36.92	37.34	38.05
28	38.62	38.62	38.76	38.76	38.76	38.62	38.62	38.76	38.34	37.20	37.06	37.77	38.62	38.34	38.76
29	38.47	38.61	38.19	37.33	37.76	37.19	36.91	36.91	36.91	36.62	36.06	37.48	38.19	39.75	39.89
30	38.18	38.32	38.32	38.32	38.18	38.18	38.03	38.18	38.03	37.75	37.89	38.18	38.32	38.60	38.89
31	38.31	38.31	38.17	38.31	38.31	38.02	38.17	38.31	38.31	38.17	37.74	37.88	38.17	38.73	39.16
Mean	38.31	38.32	38.33	38.29	38.24	38.40	38.83	39.21	39.06	38.26	37.42	37.00	37.14	37.69	38.33
Mean[a]	38.31	38.34	38.34	38.31	38.28	38.39	38.77	39.22	39.36	38.68	37.46	36.69	37.00	37.60	38.03

[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1914.

0° East plus tabular quantities.

16^h	17^h	18^h	19^h	20^h	21^h	22^h	23^h	24^h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.24	38.52	38.10	38.52	37.95	37.67	37.67	37.53	37.53	37.88	8 00	40.52	12 00	35.41	5.11	1
38.36	38.64	38.08	37.93	37.79	37.79	37.79	37.65	37.65	37.88	8 00	39.93	12 00	35.81	4.12	2
37.78	38.49	38.07	37.92	37.78	37.64	37.64	37.64	37.78	37.41	8 00	40.48	12 00	33.95	6.53	3
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	4
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	5
38.07	38.35	37.92	37.64	37.64	37.64	37.50	37.36	37.21	--------	--------	--------	--------	--------	--------	6
37.90	38.33	38.19	38.05	38.05	37.90	37.76	37.76	37.90	37.55	8 00	39.48	13 00	34.78	4.70	7
37.74	38.31	38.17	38.03	37.88	37.88	37.88	37.74	37.74	37.64	7 00	40.02	12 00	34.34	5.68	8
38.29	38.72	38.57	38.01	37.86	37.72	37.44	37.44	37.58	--------	--------	--------	--------	--------	--------	9
37.28	38.13	37.84	37.70	37.99	38.13	37.99	37.84	37.42	37.76	7 00	40.13	12 50	35.22	4.91	10
37.26	38.11	37.82	37.68	37.54	37.54	37.68	37.68	37.68	37.84	7 00	40.11	13 00	35.98	4.13	11
38.51	38.51	38.37	38.23	38.23	38.09	38.09	38.09	37.95	38.03	8 00	41.08	12 45	35.05	6.03	12
38.64	38.92	38.21	38.07	38.07	37.93	37.93	38.07	38.21	38.09	7 00	40.78	12 30	35.16	5.62	13
39.47	39.18	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	14
38.88	39.45	--------	38.59	38.44	38.30	38.16	38.16	38.30	--------	--------	--------	--------	--------	--------	15
39.56	39.42	38.28	38.14	38.14	38.28	38.42	38.28	38.28	38.43	7 30	40.34	12 00	36.43	3.91	16
39.69	39.55	38.84	38.41	38.27	38.27	38.41	38.41	38.41	38.49	7 00	40.54	12 36	36.35	4.19	17
39.53	39.39	38.68	38.53	38.39	38.25	38.25	38.25	38.39	38.44	7 15	40.74	12 40	36.33	4.41	18
39.51	39.37	39.08	38.80	38.66	38.51	38.51	38.37	38.51	38.61	7 00	40.80	13 00	36.10	4.70	19
38.49	39.49	39.20	38.64	38.49	38.64	38.49	38.49	38.35	38,20	6 55	41.13	12 24	34.60	6.53	20
39.47	39.61	39.33	38.76	38.62	38.47	38.47	38.33	38.33	38.43	7 00	42.18	12 00	34.22	7.96	21
38.74	39.02	38.60	38.45	38.45	38.45	38.31	38.31	38.31	38.35	7 00	41.16	12 00	35.62	5.54	22
38.58	39.29	38.43	38.43	38.43	38.15	38.01	38.15	38.15	38.18	7 27	41.92	12 00	34.75	7.17	23
38.98	39.27	38.70	38.41	38.27	38.27	38.13	38.13	38.13	38.14	7 00	40.70	13 00	35.01	5.69	24
38.11	38.25	38.11	38.11	38.25	38.11	38.11	38.25	38.25	38.18	7 00	40.53	13 00	35.55	4.98	25
39.23	38.94	38.52	38.23	38.23	38.23	38.09	38.23	38.23	38.52	8 00	40.51	13 00	37.24	3.27	26
39.06	38.92	38.35	38.21	38.21	38.21	38.07	38.07	37.93	38.31	7 27	40.42	12 00	36.66	3.76	27
38.62	38.76	38.33	38.19	38.19	38.05	38.05	38.19	38.33	38.15	7 00	40.47	11 20	36.57	3.90	28
38.17	38.46	38.31	38.60	38.31	38.03	38.03	38.17	38.17	38.18	7 00	40.31	11 45	36.12	4.19	29
38.72	39.15	38.58	38.29	38.15	38.15	38.01	38.01	38.01	37.90	7 20	39.51	11 54	35.39	4.12	30
38.60	38.88	38.41	38.24	38.16	38.09	38.03	38.02	38.03	38.11	----------	40.57	----------	35.52	5.05	--------
38.89	38.94	38.53	38.24	38.17	38.10	38.03	37.99	38.03	38.10	----------	40.52	----------	35.51	5.01	--------

OCTOBER, 1914.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.14	39.42	38.43	38.00	38.14	38.28	38.00	38.00	38.00	37.94	8 00	40.13	12 00	35.30	4.83	1
39.42	39.42	38.57	38.43	38.28	38.14	38.00	38.14	38.14	38.12	8 00	39.99	12 00	35.30	4.69	2
38.56	38.56	38.27	38.27	38.13	38.13	37.99	37.99	37.99	38.11	7 18	40.40	12 21	35.15	5.25	3
39.26	39.12	38.69	38.55	38.41	38.26	38.12	38.12	38.26	38.53	8 00	40.25	12 00	36.99	3.26	4
38.25	38.82	38.68	38.54	38.40	38.11	38.25	38.25	38.25	38.08	8 00	39.67	13 00	35.98	3.69	5
38.53	38.39	38.53	38.39	38.39	38.24	38.24	38.39	38.53	38.56	9 00	40.23	13 22	37.75	2.48	6
39.08	39.50	38.65	38.51	38.37	38.37	38.37	38.08	38.51	38.29	17 00	39.50	13 00	36.38	3.12	7
37.93	38.50	38.50	38.21	38.36	38.50	38.36	37.93	38.36	38.04	8 00	39.63	13 00	35.80	3.83	8
38.77	38.63	38.49	38.49	38.49	38.49	38.35	38.35	38.20	38.29	8 00	39.34	13 00	36.93	2.41	9
38.62	38.48	38.48	38.62	38.48	38.48	38.34	38.34	38.34	38.18	8 00	38.76	12 12	36.85	1.91	10
39.04	38.89	38.61	38.47	38.47	38.33	38.18	38.33	38.33	38.39	9 00	39.60	12 38	36.77	2.83	11
38.46	38.32	38.32	38.46	38.46	38.32	38.32	38.32	38.17	38.19	9 00	39.17	12 00	36.75	2.42	12
38.73	38.45	38.59	38.45	38.45	38.45	38.45	38.31	38.31	38.32	9 00	39.87	13 00	36.46	3.41	13
38.30	38.58	38.72	38.44	38.30	38.15	38.15	38.15	38.30	38.04	18 00	38.72	12 00	36.45	2.27	14
38.57	38.43	38.29	38.43	38.43	38.29	38.29	38.14	38.14	38.40	9 00	39.99	12 00	37.43	2.56	15
39.28	38.57	38.43	38.43	38.29	38.29	38.14	38.14	38.14	38.31	8 38	39.63	13 00	37.43	2.20	16
39.13	38.70	38.56	38.70	38.56	38.42	38.42	38.42	38.28	38.31	15 25	39.20	12 00	37.00	2.20	17
38.83	39.12	38.83	38.69	38.55	38.69	38.41	38.41	38.41	38.22	17 00	39.12	11 20	36.21	2.91	18
38.54	38.11	38.40	38.54	38.40	38.40	38.26	38.26	38.40	38.59	8 00	40.10	12 15	37.62	2.48	19
38.40	38.26	38.54	38.68	38.54	38.40	38.26	38.26	38.40	38.23	19 00	38.68	14 00	37.55	1.13	20
38.39	38.67	38.53	38.53	38.67	38.53	38.39	38.39	38.39	38.38	8 42	39.38	14 00	37.54	1.84	21
38.66	38.80	38.52	38.38	38.38	38.52	38.38	38.38	38.38	38.44	9 00	39.66	13 00	37.24	2.42	22
38.65	38.94	38.65	38.51	38.51	38.37	38.23	38.23	38.37	38.50	9 00	39.79	12 00	37.23	2.56	23
38.08	38.65	38.51	38.37	38.37	38.37	38.23	38.37	38.37	38.34	9 00	39.50	12 00	36.95	2.55	24
38.36	38.50	38.50	38.50	38.36	38.36	38.36	38.36	38.36	38.36	9 00	40.20	12 00	36.37	3.83	25
38.77	38.77	38.63	38.49	38.35	38.35	38.21	38.35	38.35	38.37	8 00	39.63	12 00	36.93	2.70	26
38.76	38.62	38.62	38.48	38.48	38.20	38.34	38.34	38.62	38.15	9 12	38.98	12 00	36.63	2.35	27
38.48	38.34	38.20	38.05	38.34	38.48	38.34	38.34	38.62	38.37	15 12	39.04	11 00	37.06	1.98	28
38.90	38.33	38.61	38.47	38.33	38.33	38.19	38.19	38.33	38.00	15 05	40.17	11 00	36.06	4.11	29
39.03	38.74	38.46	38.32	38.18	38.32	38.32	38.32	38.32	38.31	16 10	39.17	10 43	37.61	1.56	30
39.16	38.73	38.31	38.31	38.31	38.17	38.17	38.31	38.17	38.32	15 33	39.23	11 00	37.74	1.49	31
38.71	38.69	38.52	38.44	38.39	38.35	38.26	38.26	38.31	38.28	----------	39.57	----------	36.76	2.81	--------
38.39	38.56	38.54	38.45	38.37	38.31	38.25	38.31	38.31	38.26	----------	39.44	----------	36.69	2.75	--------

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1914.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	38.31	38.31	38.17	38.02	37.88	37.74	37.74	37.74	37.46	37.03	36.46	36.75	37.31	37.88	38.73
2	38.01	38.44	38.30	38.30	38.44	38.58	38.72	38.87	37.87	37.30	36.31	36.74	37.30	37.73	38.58
3	38.15	38.15	38.15	38.15	38.29	38.29	38.57	38.86	38.43	38.00	37.72	37.86	38.00	38.43	38.71
4	38.28	38.28	38.28	38.14	37.99	37.85	37.85	37.99	37.71	37.43	37.28	37.57	37.99	38.99	39.13
5	38.41	37.98	38.13	37.98	37.84	37.70	37.70	38.41	38.27	37.98	37.42	37.27	37.42	37.70	38.27
6	37.97	37.97	38.12	38.12	38.26	38.54	38.83	38.54	38.26	37.83	37.26	37.41	37.55	37.83	38.26
7	37.97	37.97	37.97	38.12	38.12	37.97	37.83	38.26	38.54	38.26	37.69	37.41	37.69	37.83	38.12
8[a]	37.96	37.96	38.11	38.11	38.25	38.39	38.53	38.67	38.39	37.68	37.40	37.11	36.83	37.11	37.40
9	38.24	38.24	38.24	38.10	37.95	38.38	38.66	38.95	39.23	38.95	38.52	38.24	38.52	38.81	39.09
10	38.09	38.09	38.09	38.09	37.94	37.80	37.94	38.09	37.94	37.80	37.52	37.38	37.38	37.23	37.52
11	38.22	38.08	38.08	37.93	37.79	37.65	37.51	37.93	38.50	38.79	38.50	37.93	38.36	38.50	38.50
12	38.64	38.08	38.50	38.22	38.08	37.93	37.65	37.93	37.79	37.65	37.37	37.22	37.51	37.93	38.50
13	38.21	38.35	38.21	38.07	37.92	37.78	37.64	37.78	37.92	38.78	38.92	38.21	37.78	37.78	37.92
14	37.91	38.06	38.06	37.91	37.91	37.77	37.63	37.91	38.34	38.91	39.19	38.48	37.91	37.91	38.06
15	38.05	37.90	37.76	37.76	37.62	37.05	38.05	39.04	39.18	39.32	39.04	38.90	38.76	38.47	38.33
16	37.89	37.75	37.89	37.89	37.75	37.61	37.61	37.75	37.89	37.89	37.75	37.61	37.47	37.33	37.47
17	38.04	37.89	37.89	37.75	37.61	37.61	37.89	38.89	39.46	39.17	38.18	37.89	37.47	37.61	37.75
18	38.03	37.88	37.88	37.74	37.60	37.60	37.74	38.59	38.74	38.88	39.02	38.88	38.45	37.74	37.88
19[a]	37.87	37.87	37.87	37.73	37.59	37.31	37.16	37.59	37.73	37.73	37.87	38.02	37.73	38.16	38.30
20	38.15	38.15	38.01	37.86	37.72	37.58	37.30	38.01	38.72	38.57	38.01	37.72	37.86	38.15	38.43
21[a]	38.14	38.14	38.28	38.14	38.00	37.85	37.71	38.42	38.71	38.71	38.42	38.14	37.85	38.56	38.85
22[a]	37.99	37.99	37.99	37.84	37.70	37.56	37.42	37.84	38.41	38.70	38.84	38.70	38.41	37.84	37.70
23[a]	37.98	37.98	37.98	37.83	37.69	37.55	37.27	37.41	37.69	38.54	38.83	38.97	37.83	37.55	37.69
24	37.97	37.82	37.82	37.68	37.54	37.40	36.69	36.83	37.11	37.68	37.97	37.82	37.82	37.82	38.11
25	37.96	37.96	37.96	37.81	37.53	37.25	36.82	36.96	37.10	37.39	37.67	38.24	38.81	38.95	38.67
26	37.80	37.80	37.95	37.95	37.66	37.52	36.95	37.09	37.38	37.66	38.09	38.37	38.37	37.66	37.80
27	37.79	37.94	37.94	38.08	37.94	37.79	36.94	36.80	37.23	37.51	37.23	37.37	37.65	37.65	37.79
28	38.07	38.07	37.93	37.78	37.50	37.22	36.93	37.22	37.78	38.64	38.92	38.78	38.64	38.78	38.92
29	37.77	37.77	37.63	37.63	37.49	37.35	36.78	37.06	37.77	38.91	38.63	38.48	38.48	38.63	38.63
30	37.91	37.76	37.76	37.62	37.48	37.34	37.20	37.48	37.91	38.19	38.47	38.62	38.33	37.76	37.62
Mean	38.06	38.02	38.03	37.94	37.84	37.73	37.64	37.96	38.12	38.20	38.02	37.94	37.92	38.01	38.22
Mean[a]	38.10	38.10	38.10	37.95	37.81	37.78	37.67	38.13	38.55	38.69	38.52	38.35	38.09	38.18	38.35

DECEMBER, 1914.

0° East plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.90	37.90	37.75	37.75	37.61	37.47	37.33	37.75	38.32	38.61	38.46	38.46	38.46	38.04	37.47
2[a]	37.60	37.60	37.74	37.74	37.46	37.03	36.47	37.03	38.31	38.88	38.74	38.45	38.03	38.45	38.60
3	37.88	37.88	37.73	37.59	37.45	37.31	37.02	37.17	37.45	38.30	38.73	38.02	38.30	38.02	37.73
4	37.72	37.87	37.72	37.72	37.58	37.80	37.16	37.44	38.43	39.00	39.14	38.86	39.00	38.86	38.58
5	37.71	37.57	37.57	37.43	37.29	36.86	36.29	37.00	37.71	38.85	38.71	38.57	38.42	38.57	38.42
6	37.85	37.70	37.70	37.56	37.42	37.14	36.43	36.29	37.00	38.27	38.84	38.84	38.70	38.56	38.27
7	37.84	37.98	37.98	37.84	37.55	37.27	36.84	37.13	37.41	37.84	38.83	38.83	38.69	38.55	37.69
8	37.54	37.54	37.40	37.40	37.26	37.12	36.26	35.98	36.97	37.97	38.39	38.11	37.68	37.40	38.11
9	37.67	37.53	37.39	37.39	37.39	37.25	36.96	37.25	38.38	38.81	38.53	37.96	37.67	37.39	37.53
10	37.52	37.66	37.52	37.24	37.10	37.24	36.81	37.24	37.66	38.37	38.09	37.38	37.66	38.09	38.66
11	37.51	37.37	37.37	37.37	37.37	37.37	37.23	37.65	38.36	38.79	38.79	38.36	37.65	37.37	37.80
12	37.50	37.36	37.36	37.50	37.36	37.22	36.79	36.93	37.36	38.78	38.50	37.93	37.50	37.08	37.36
13[a]	37.49	37.49	37.49	37.35	37.35	37.21	36.92	37.21	38.49	39.62	39.76	39.20	38.77	37.78	37.78
14	37.48	37.34	37.34	37.34	37.20	37.06	36.49	36.91	37.62	38.90	38.76	38.62	37.91	37.06	37.34
15[a]	37.47	37.47	37.61	37.61	37.47	37.33	36.76	36.48	36.90	37.33	37.47	37.47	37.47	37.61	37.33
16	37.32	37.32	37.32	37.18	37.04	36.75	36.47	36.89	37.46	38.46	38.74	38.60	38.60	38.46	38.31
17	37.74	38.30	38.45	37.74	37.31	36.88	35.89	35.75	36.46	37.88	38.59	37.88	37.74	38.16	38.30
18	37.44	37.44	37.30	37.30	37.16	36.87	36.73	36.87	37.30	37.58	37.73	37.30	37.16	37.16	37.30
19	37.57	37.57	37.57	37.43	37.29	37.15	36.44	36.72	37.01	37.29	37.57	36.86	37.29	37.29	37.15
20	37.56	37.56	37.42	37.42	37.28	37.28	36.85	36.85	37.14	37.28	37.28	37.28	37.42	37.56	37.85
21[a]	37.27	37.27	37.27	37.27	37.27	37.13	36.99	37.41	37.98	38.26	38.55	38.12	37.70	37.41	37.55
22	37.26	37.26	37.26	37.26	37.26	37.12	36.98	37.40	37.97	38.54	38.11	37.40	36.83	36.41	36.83
23	37.53	37.53	37.39	37.25	37.11	36.97	36.82	37.11	37.53	37.25	36.82	36.54	36.26	36.54	36.82
24	37.24	37.24	37.10	36.96	36.81	36.67	36.67	36.96	37.88	37.81	38.09	36.96	36.67	36.81	37.24
25	37.23	37.09	36.95	36.66	36.66	36.52	36.66	37.37	38.79	38.51	37.66	37.23	37.09	36.80	37.09
26[a]	37.36	37.36	37.22	37.22	37.08	36.79	36.37	36.79	37.79	38.50	38.21	37.50	37.22	37.08	36.94
27	37.07	37.07	37.07	36.93	36.78	36.64	36.36	36.93	37.64	38.49	38.63	37.78	37.21	36.93	36.36
28	37.34	37.20	37.06	36.92	36.77	36.63	36.35	36.77	37.48	38.19	37.77	37.91	37.48	36.92	36.77
29	37.19	36.62	37.33	37.19	37.05	36.91	36.76	37.33	37.76	38.18	37.33	37.19	37.62	37.47	37.05
30	37.18	37.18	37.18	37.18	37.04	36.90	36.75	37.04	37.89	37.32	36.75	36.33	36.61	36.61	36.75
31	37.17	37.03	37.03	37.17	37.03	36.60	36.03	36.46	37.81	37.17	37.03	37.31	37.31	37.17	37.03
Mean	37.49	37.46	37.44	37.35	37.22	37.03	36.67	36.97	37.65	38.23	38.21	37.85	37.68	37.54	37.55
Mean[a]	37.44	37.44	37.47	37.44	37.33	37.10	36.70	36.98	37.89	38.52	38.55	38.15	37.84	37.67	37.64

[a] Five international quiet days.

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1914.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
39.02	38.88	38.73	38.59	38.45	38.45	38.59	38.45	38.31	38.04	16 00	39.02	11 10	36.49	2.63	1
39.01	38.72	38.58	38.58	38.44	38.30	38.30	38.30	38.44	38.17	15 35	39.08	10 40	36.24	2.84	2
38.86	39.00	38.86	38.71	38.43	38.15	38.00	38.15	38.29	38.34	15 40	39.07	10 45	37.65	1.42	3
39.13	38.99	38.85	38.99	38.85	38.70	38.56	38.42	38.56	38.33	14 25	39.20	10 25	37.21	1.99	4
38.98	38.84	38.69	38.55	38.27	38.13	38.13	37.98	37.98	38.08	16 20	39.05	12 00	37.27	1.78	5
38.54	38.40	38.26	38.26	38.12	38.12	37.97	37.97	37.83	38.09	7 00	38.83	11 00	37.26	1.57	6
38.68	39.11	38.83	38.83	38.54	38.40	38.26	38.12	37.97	38.19	17 00	39.11	11 50	37.34	1.77	7
37.68	38.25	38.11	38.11	37.96	37.96	38.11	38.11	38.25	37.94	8 00	38.67	12 25	36.76	1.91	8
39.23	38.95	38.66	38.52	38.38	38.24	38.10	37.95	38.10	38.51	15 50	39.30	5 30	37.88	1.42	9
38.09	38.37	38.51	38.65	38.51	38.37	38.23	38.09	38.23	38.00	18 25	38.72	14 10	37.16	1.56	10
38.93	38.79	38.64	38.50	38.50	38.93	38.36	38.22	38.36	38.31	16 35	39.00	6 35	37.44	1.56	11
38.79	38.79	38.64	38.64	38.50	38.36	38.36	38.22	38.08	38.14	16 06	38.86	11 25	37.15	1.71	12
38.35	38.49	38.35	38.21	38.21	38.07	38.07	38.07	37.92	38.13	10 20	38.99	7 00	37.64	1.35	13
38.20	38.34	38.48	38.62	38.77	38.62	38.48	38.34	38.20	38.25	10 40	39.26	6 55	37.56	1.70	14
38.05	37.90	38.05	38.05	38.05	38.05	37.90	37.90	37.90	38.21	9 40	39.39	6 00	37.05	2.34	15
37.75	38.32	38.32	38.32	38.18	38.04	38.04	38.04	38.04	37.86	17 08	38.39	13 30	37.26	1.13	16
37.89	38.04	38.18	38.18	38.18	38.18	38.04	38.04	38.04	38.08	9 25	39.53	13 25	37.40	2.13	17
38.31	38.17	38.03	38.17	38.03	37.88	37.88	38.03	38.03	38.13	11 00	39.02	5 40	37.53	1.49	18
38.58	38.73	38.58	38.44	38.30	38.16	38.02	38.02	38.02	37.97	17 00	38.73	6 45	37.09	1.64	19
38.72	38.86	38.43	38.29	38.15	38.01	37.86	38.01	38.01	38.11	17 00	38.86	6 40	37.23	1.63	20
38.99	38.85	38.71	38.56	38.42	38.28	38.14	38.14	38.14	38.34	16 00	38.99	7 00	37.71	1.28	21
38.27	38.41	38.55	38.55	38.41	38.27	38.13	38.13	38.13	38.16	10 36	38.91	7 00	37.42	1.49	22
37.98	38.12	38.12	38.12	38.12	37.98	37.98	37.98	37.98	37.97	11 45	39.04	7 00	37.27	1.77	23
38.39	38.53	38.53	38.25	38.11	38.11	37.97	37.97	37.97	37.83	17 50	38.60	7 10	36.62	1.98	24
38.67	38.52	38.38	38.24	38.10	37.96	37.81	37.81	37.81	37.93	14 00	38.95	7 00	36.82	2.13	25
38.23	38.51	38.51	38.51	38.51	38.09	37.95	37.80	37.80	37.92	18 10	38.58	7 00	36.95	1.63	26
38.65	38.36	38.79	38.65	38.36	38.08	37.94	38.08	38.08	37.86	18 15	38.86	7 20	36.73	2.13	27
38.35	38.21	38.35	38.35	38.35	38.21	38.07	37.93	37.93	38.12	10 40	38.99	7 15	36.86	2.13	28
38.48	38.77	38.63	38.48	38.34	38.34	38.20	38.06	37.92	38.09	10 00	38.91	7 10	36.71	2.20	29
38.05	38.62	38.47	38.19	38.05	37.91	37.76	37.62	37.76	37.91	12 50	38.69	7 00	37.20	1.49	30
38.50	38.56	38.49	38.44	38.32	38.21	38.11	38.06	38.07	38.10	--------	38.95	--------	37.16	1.79	--------
38.64	38.64	38.49	38.41	38.30	38.16	38.04	38.04	38.07	38.22	--------	39.02	--------	37.50	1.52	--------

DECEMBER, 1914.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.18	38.04	37.90	37.75	37.61	37.61	37.61	37.61	37.61	37.88	10 00	38.61	6 50	37.26	1.35	1
38.45	38.31	38.03	37.74	37.74	37.60	37.60	37.74	37.74	37.88	10 36	38.95	6 48	36.40	2.55	2
38.16	38.44	38.30	38.16	38.02	38.02	37.88	37.88	37.73	37.88	10 55	38.80	7 00	37.02	1.78	3
38.29	38.15	37.87	37.72	37.72	37.72	37.58	37.58	37.72	38.03	10 35	39.29	6 15	37.01	2.28	4
38.28	38.14	38.00	37.86	38.00	38.00	37.86	37.86	38.00	37.87	10 00	38.85	6 45	36.15	2.70	5
38.13	37.99	37.99	37.85	37.85	37.70	37.70	37.70	37.85	37.81	10 55	38.98	7 20	36.15	2.83	6
37.84	37.84	37.84	37.69	37.55	37.55	37.55	37.69	37.69	37.81	11 25	38.90	6 36	36.70	2.20	7
38.39	38.82	38.39	37.97	37.83	37.68	37.54	37.54	37.68	37.62	16 40	38.96	8 00	35.98	2.98	8
37.96	38.38	38.10	37.96	37.82	37.67	37.53	37.53	37.53	37.73	10 00	38.81	7 00	36.96	1.85	9
38.80	38.94	38.37	38.23	38.09	37.95	37.66	37.52	37.52	37.80	16 55	39.01	7 00	36.81	2.20	10
37.80	37.94	38.22	37.94	37.80	37.65	37.65	37.65	37.51	37.77	10 35	38.93	6 36	37.16	1.77	11
37.64	37.79	37.50	37.64	37.79	37.79	37.64	37.64	37.50	37.56	10 20	38.85	7 00	36.79	2.06	12
37.92	37.78	37.78	37.92	37.92	37.63	37.49	37.35	37.49	37.88	11 00	39.76	7 00	36.92	2.84	13
37.77	37.91	37.91	37.77	37.62	37.62	37.48	37.48	37.48	37.60	10 00	38.90	7 15	36.42	2.48	14
37.19	37.05	37.19	37.33	37.38	37.33	37.33	37.47	37.47	37.31	14 10	37.76	8 00	36.48	1.28	15
38.17	37.89	37.75	37.46	37.46	37.46	37.75	37.75	37.60	37.68	10 30	38.81	7 00	36.47	2.34	16
38.45	38.30	37.88	38.02	37.59	37.45	37.31	37.31	37.45	37.62	11 10	38.73	7 20	35.68	3.05	17
37.87	37.73	37.58	37.58	37.44	37.44	37.44	37.58	37.58	37.37	16 00	37.87	6 55	36.66	1.21	18
37.86	38.43	38.14	37.86	37.57	37.43	37.43	37.57	37.57	37.42	17 00	38.43	7 20	36.37	2.06	19
38.13	38.27	38.13	37.85	37.71	37.56	37.42	37.28	37.28	37.49	17 00	38.27	7 05	36.78	1.49	20
37.84	37.84	37.70	37.55	37.55	37.55	37.41	37.41	37.41	37.57	11 25	38.62	7 00	36.99	1.63	21
37.40	38.11	37.97	37.83	37.83	37.69	37.69	37.69	37.69	37.49	10 00	38.54	14 00	36.41	2.13	22
37.25	37.82	37.68	37.53	37.53	37.53	37.39	37.39	37.39	37.21	17 00	37.82	13 00	36.26	1.56	23
37.52	38.09	37.81	38.09	37.67	37.52	37.38	37.24	37.24	37.30	17 15	38.23	13 85	36.60	1.63	24
37.23	37.51	37.66	37.66	37.66	37.66	37.51	37.51	37.51	37.34	9 00	38.79	5 58	36.45	2.34	25
37.22	37.36	37.50	37.50	37.50	37.36	37.36	37.22	37.22	37.32	10 00	38.50	6 55	36.30	2.20	26
36.78	37.64	37.78	37.64	37.64	37.49	37.35	37.21	37.35	37.28	10 40	38.70	14 55	36.29	2.41	27
37.48	38.19	37.48	37.77	37.63	37.34	37.20	36.92	37.06	37.28	9 38	38.26	6 35	36.21	2.05	28
37.19	37.33	37.47	37.33	37.33	37.33	37.19	37.19	37.19	37.27	9 54	38.25	6 48	36.69	1.56	29
37.04	37.18	37.18	37.32	37.32	37.32	37.18	37.18	37.18	37.07	9 15	37.96	12 00	36.33	1.63	30
37.45	37.60	37.31	37.45	37.45	37.31	37.31	37.17	37.17	37.13	16 35	37.67	6 48	35.96	1.71	31
37.80	37.96	37.82	37.74	37.66	37.58	37.50	37.48	37.50	37.56	--------	38.61	--------	36.54	2.07	--------
37.72	37.67	37.64	37.61	37.61	37.49	37.44	37.44	37.47	37.59	--------	38.72	--------	36.62	2.10	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1914.

30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	
1	8038	8035	8038	8038	8037	8036	8037	8041	(8044)	(8047)	(8052)	(8054)	(8053)	(8050)	8048
2	8038	8039	8036	8037	8036	8037	8037	8041	8046	8051	8055	8055	8053	8050	8045
3	8043	8039	8039	8037	8043	8039	8036	8046	8055	8066	8072	8064	8055	8051	8047
4	8045	8044	8045	8042	8042	8043	8043	8047	8058	8070	8074	8068	8061	8053	8049
5	8037	8039	8039	8043	8052	8064	8060	8054	8065	8078	8075	8067	8061	8043	8049
6	8021	8019	8020	8022	8022	8030	8037	8055	8060	8069	8071	8058	8051	8046	8049
7	8032	8030	8082	8031	8037	8037	8039	8041	8047	8056	8059	8057	8055	8052	8049
8	8021	8026	8032	8036	8036	8037	8036	8033	8034	8041	8038	8045	8042	8039	8033
9[a]	8027	8023	8027	8025	8024	8029	8029	8028	8036	8044	8049	8039	8035	8032	8030
10[a]	8026	8024	8026	8028	8028	8028	8027	8032	8041	8045	8041	8037	8041	8041	8039
11	8034	8036	8035	8033	8036	8035	8036	8042	8050	8054	8061	8064	8076	8086	8088
12	8050	8054	8059	8048	8042	8038	8046	8053	8070	8074	8067	8064	8064	8059	8046
13	8020	8030	8027	8032	8034	8040	8052	8064	8080	8099	8103	8103	8079	8067	8064
14	8036	8041	8039	8039	8038	8044	8053	8065	8072	8083	8081	8067	8058	8048	8039
15	8035	8038	8043	8050	8054	8058	8061	8078	8089	8089	8086	8077	8070	8063	8052
16	8048	8049	8054	8053	8048	8041	8045	8051	8061	8064	8067	8060	8049	8040	8030
17	8026	8024	8027	8027	8031	8035	8044	8059	8071	8078	8087	8082	8075	8061	8056
18	8033	8033	8030	8034	8035	8033	8032	8036	8044	8061	8071	8066	8064	8064	8056
19	8034	8030	8027	8024	8024	8022	8029	8036	8054	8076	8081	8074	8063	8059	8051
20	8035	8037	8033	8034	8030	8034	8034	8039	8058	8072	8081	8076	8066	8063	8058
21	8039	8040	8039	8036	8037	8037	8034	8037	8047	8066	8071	8062	8062	8059	8055
22	8060	8061	8055	8055	8052	8052	8051	8060	8070	8080	8085	8094	8079	8075	8059
23	8027	8031	8036	8034	8038	8034	8031	8030	8041	8056	8064	8061	8057	8050	8043
24[a]	8029	8033	8031	8032	8035	8034	8036	8041	8049	8061	8066	8055	8049	8043	8038
25[a]	8037	8039	8038	8041	8042	8045	8048	8054	8058	8065	8067	8064	8059	8053	8045
26[a]	8035	8033	8031	8032	8034	8035	8041	8054	8063	8074	8087	8076	8067	8060	8050
27	8042	8043	8041	8045	8048	8051	8056	8067	8078	8088	8094	8090	8079	8078	8062
28	8046	8045	8043	8044	8048	8050	8054	8064	8074	8086	8091	8085	8072	8064	8062
29	8029	8031	8035	8040	8046	8052	8055	8064	8071	8081	8087	8087	8074	8067	8060
30	8035	8042	8041	8040	8042	8041	8047	8058	8072	8084	8087	8082	8071	8060	8057
31	8038	8034	8040	8038	8039	8038	8044	8050	8059	8069	8077	8076	8071	3067	8063
Mean	8035	8036	8037	8037	8038	8040	8042	8049	8059	8069	8072	8068	8062	8056	8051
Mean[a]	8031	8030	8031	8032	8033	8034	8036	8042	8049	8058	8062	8054	8050	8046	8040

FEBRUARY, 1914.

30000γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	8047	8043	8039	8039	8039	8039	8043	8048	8056	8069	8082	8085	8077	8066	8060
2	8043	8048	8045	8041	8043	8042	8039	8046	8056	8061	8067	8074	8069	8060	8051
3	8027	8033	8041	8047	8041	8040	8046	8053	8057	8073	8084	8082	8077	8073	8064
4	8019	8026	8027	8023	8025	8031	8034	8043	8053	8060	8072	8068	8055	8046	8049
5	8027	8031	8033	8034	8030	8038	8040	8048	8059	8061	8061	8059	8056	8053	8047
6	8027	8032	8038	8031	8030	8031	8036	8043	8051	8060	8069	8064	8052	8028	8011
7	8007	7998	8009	8014	8017	8022	8029	8036	8051	8054	8056	8053	8046	8043	8044
8	8031	8029	8030	8032	8028	8027	8028	8036	8048	8059	8072	8065	8061	8050	8046
9	8029	8028	8025	8026	8026	8030	8028	8031	8040	8049	8061	8064	8068	8062	8057
10[a]	8043	8037	8037	8038	8044	8048	8051	8052	8056	8060	8063	8061	8051	8049	8044
11[a]	8030	8030	8035	8036	8037	8037	8038	8044	8051	8062	8071	8075	8081	8073	8057
12	8030	8031	8031	8033	8033	8033	8037	8048	8057	8067	8071	8061	8056	8050	8045
13	8042	8042	8038	8041	8039	8039	8043	8046	8052	8061	8074	8079	8076	8072	8061
14	8023	8020	8025	8028	8030	8030	8037	8048	8055	8062	8065	8063	8059	8049	8040
15	8034	8037	8034	8038	8037	8039	8041	8055	8067	8073	8089	8075	8069	8066	8054
16	8017	8020	8026	8023	8025	8023	8024	8028	8038	8047	8047	8055	8055	8052	8048
17	8026	8031	8026	8027	8031	8031	8033	8035	8049	8067	8080	8086	8079	8073	8065
18	8042	8649	8048	8049	8046	8049	8039	8041	8052	8055	8068	8085	8066	8060	8049
19	8037	8034	8037	8034	8037	8038	8038	8045	8058	8074	8088	8095	8088	8079	8069
20	8034	8037	8037	8035	8037	8032	8038	8042	8049	8056	8065	8072	8069	8064	8059
21[a]	8042	8042	8043	8040	8040	8038	8039	8040	8045	8051	8059	8063	8065	8062	8054
22	8036	8037	8037	8036	8035	8036	8039	8045	8050	8058	8062	8058	8060	8053	8049
23	8041	8032	8040	8032	8042	8029	8033	8039	8046	8061	8071	8074	8074	8065	8055
24	8031	8033	8029	8030	8033	8034	8042	8050	8067	8083	8103	8101	8095	8077	8072
25[a]	8033	8034	8037	8037	8036	8038	8041	8046	8057	8070	8079	8089	8080	8070	8056
26	8035	8037	8034	8035	8038	8043	8041	8047	8058	8067	8083	8089	8079	8066	8053
27	8037	8037	8037	8039	8037	8039	8041	8053	8064	8080	8090	8097	8096	8085	8068
28	8033	8034	8033	8037	8036	8038	8040	8045	8057	8068	8078	8091	8086	8080	8078
Mean	8032	8033	8034	8034	8035	8036	8038	8044	8054	8063	8072	8074	8069	8062	8054
Mean[a]	8039	8037	8038	8038	8039	8040	8042	8046	8053	8062	8071	8075	8071	8064	8054

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[a] Five international quiet days.

JANUARY, 1914.

HOURLY VALUES OF HORIZONTAL INTENSITY.

30000γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8048	8049	8052	8052	8049	8049	8046	8045	8043	8045	(12	00)	(8054)	2	00	8035	19	1
8046	8048	8049	8051	8053	8048	8045	8042	8041	8045	11	05	8056	2	55	8035	21	2
8046	8048	8044	8039	8043	8036	8037	8038	8040	8046	10	45	8074	20	15	8035	39	3
8042	8042	8037	8040	8038	8036	8038	8038	8038	8047	11	00	8074	19	30	8035	39	4
8049	8036	8037	8031	8033	8033	8012	8020	8018	8046	10	00	8078	22	00	8012	66	5
8038	8038	8036	8033	8030	8029	8028	8029	8029	8038	11	10	8072	2	25	8018	54	6
8045	8043	8038	8034	8026	8022	8017	8014	8021	8038	11	00	8059	23	15	8013	46	7
8031	8035	8034	8029	8026	8024	8021	8022	8023	8032	11	30	8046	1	42	8020	26	8
8033	8037	8032	8027	8026	8025	8026	8029	8028	8031	11	00	8049	2	00	8023	26	9
8036	8036	8037	8037	8036	8034	8032	8032	8036	8034	9	24	8046	2	00	8024	22	10
8080	8076	8070	8066	8065	8058	8057	8055	8055	8056	15	00	8088	4	00	8033	55	11
8046	8044	8036	8034	8032	8024	8022	8016	8022	8046	9	42	8076	22	54	8014	62	12
8058	8060	8057	8052	8052	8047	8045	8044	8046	8056	11	03	8104	0	06	8019	85	13
8037	8037	8036	8035	8031	8034	8033	8032	8035	8046	9	45	8085	20	00	8031	54	14
8051	8054	8055	8053	8055	8050	8049	8048	8049	8059	9	36	8091	0	55	8034	57	15
8029	8027	8030	8022	8017	8020	8024	8027	8027	8041	10	30	8069	20	00	8017	52	16
8049	8043	8035	8037	8033	8036	8037	8037	8036	8047	11	00	8087	1	26	8023	64	17
8051	8048	8044	8038	8046	8045	8042	8042	8039	8045	11	00	8071	3	00	8030	41	18
8047	8045	8041	8042	8040	8039	8036	8034	8033	8043	10	40	8082	6	00	8022	60	19
8051	8045	8044	8041	8037	8041	8041	8040	8040	8047	11	00	8081	5	00	8030	51	20
8053	8053	8049	8047	8044	8048	8049	8058	8058	8049	10	45	8073	7	00	8034	39	21
8038	8025	8035	8038	8034	8034	8034	8034	8036	8054	10	27	8098	17	15	8023	75	22
8040	8033	8032	8033	8034	8035	8033	8031	8032	8039	11	00	8064	1	00	8027	37	23
8038	8038	8040	8039	8035	8031	8036	8035	8037	8040	11	00	8066	1	00	8029	37	24
8038	8035	8033	8032	8032	8030	8032	8034	8035	8044	11	00	8067	21	00	8030	37	25
8048	8046	8047	8044	8045	8044	8045	8044	8040	8049	11	00	8087	3	00	8031	56	26
8047	8047	8049	8047	8043	8044	8042	8042	8043	8057	11	00	8094	3	00	8041	53	27
8056	8054	8053	8051	8047	8043	8034	8029	8036	8055	11	00	8091	23	00	8029	62	28
8053	8046	8044	8042	8042	8040	8041	8040	8037	8053	10	42	8089	0	20	8028	61	29
8056	8048	8046	8045	8041	8041	8041	8039	8040	8052	11	00	8087	1	00	8035	52	30
8059	8051	8051	8045	8048	8947	8045	8044	8042	8051	10	25	8079	2	00	8034	45	31
8046	8044	8043	8041	8039	8038	8036	8036	8037	8046	----------		8075	----------		8027	48	--------
8039	8038	8038	8036	8035	8033	8034	8035	8035	8040	----------		8063	----------		8027	36	--------

FEBRUARY, 1914.

30000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8049	8045	8045	8045	8042	8044	8041	8038	8041	8051	12	00	8085	23	00	8038	47	1
8050	8050	8045	8041	8034	8025	8031	8033	8031	8047	12	00	8074	21	00	8025	49	2
8055	8049	8047	8043	8042	8042	8039	8036	8033	8051	10	53	8086	1	00	8027	59	3
8040	8036	8036	8038	8038	8036	8029	8028	8033	8039	11	45	8073	1	00	8019	54	4
8039	8034	8037	8034	8032	8028	8025	8023	8025	8040	10	30	8062	23	00	8023	39	5
8009	8016	8014	8007	7995	7987	7987	7992	8001	8025	11	39	8072	21	24	7984	88	6
8037	8033	8035	8030	8025	8023	8018	8020	8023	8030	11	00	8056	2	00	7998	58	7
8039	8039	8035	8033	8031	8032	8030	8029	8028	8039	11	00	8072	0	19	8023	49	8
8050	8050	8046	8042	8043	8043	8040	8041	8040	8042	12	36	8069	3	00	8025	44	9
8038	8038	8034	8030	8029	8029	8027	8025	8029	8042	11	05	8065	23	00	8025	40	10
8048	8042	8043	8040	8035	8032	8033	8033	8030	8046	13	00	8081	0	36	8028	53	11
8040	8034	8033	8031	8033	8030	8034	8037	8041	8042	11	00	8071	21	20	8029	42	12
8050	8045	8039	8036	8037	8034	8029	8021	8022	8047	12	00	8079	23	16	8019	60	13
8034	8033	8030	8029	8030	8031	8031	8029	8039	8038	11	00	8065	1	43	8018	47	14
8047	8039	8030	8022	8021	8025	8021	8017	8015	8044	11	00	8089	24	00	8015	74	15
8042	8035	8037	8035	8034	8032	8030	8027	8027	8034	12	35	8057	0	09	8014	43	16
8048	8945	8042	8038	8036	8035	8034	8037	8043	8046	12	00	8086	1	18	8024	62	17
8046	8044	8044	8044	8045	8042	8036	8029	8034	8048	12	00	8085	23	02	3028	57	18
8060	8051	8048	8040	8033	8025	8024	8027	8030	8050	11	45	8098	21	20	8023	75	19
8057	8055	8051	8048	8043	8041	8043	8042	8042	8048	12	00	8072	0	01	8030	42	20
8047	8044	8044	8039	8039	8036	8036	8037	8037	8045	13	00	8065	21	44	8035	30	21
8044	8044	8047	8046	8061	8059	8053	8045	8042	8047	10	28	8063	5	00	8035	28	22
8045	8044	8042	8055	8049	8050	8043	8034	8034	8047	12	41	8076	2	05	8028	48	23
8065	8055	8058	8050	8046	8043	8041	8038	8035	8055	11	04	8105	3	00	8029	76	24
8048	8046	8047	8047	8046	8045	8044	8041	8040	8050	12	00	8089	1	00	8033	56	25
8049	8045	8042	8039	8039	8039	8039	8035	8038	8049	12	50	8089	3	00	8034	55	26
8053	8044	8039	8037	8037	8039	8036	8034	8033	8052	11	50	8098	24	00	8033	65	27
8066	8061	8057	8051	8052	8052	8051	8043	8043	8055	12	00	8091	0	04	8032	59	28
8046	8043	8041	8038	8037	8035	8033	8031	8032	8045	----------		8078	----------		8024	54	--------
8046	8043	8043	8040	8038	8037	8036	8035	8035	8047	----------		8077	----------		8032	45	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1914.

30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8046	8040	8031	8021	8019	8021	8025	8028	8040	8057	8071	8075	8065	8063	8055
2	8033	8033	8029	8039	8031	8032	8035	8044	8059	8051	8065	8064	8054	8045	8035
3	8026	8035	8035	8032	8031	8026	8032	8041	8052	8066	8078	8075	8058	8047	8032
4	8025	8024	8026	8027	8025	8029	8030	8035	8046	8064	8070	8063	8064	8052	8035
5 a	8028	8039	8033	8031	8029	8033	8031	8031	8039	8043	8061	8066	8063	8059	8049
6	8036	8035	8035	8034	8036	8035	8037	8046	8061	8073	8078	8073	8067	8047	8050
7	8032	8031	8040	8038	8036	8031	8040	8034	8049	8066	8085	8079	8074	8055	8040
8	8024	8028	8025	8027	8028	8029	8023	8028	8038	8050	8069	8071	8069	8064	8052
9	8034	8031	8032	8032	8033	8033	8035	8046	8062	8079	8094	8102	8090	8073	8064
10	8028	8031	8031	8029	8033	8034	8032	8038	8060	8072	8079	8087	8085	8074	8062
11	8032	8035	8030	8027	8030	8035	8041	8055	8064	8086	8094	8092	8079	8065	8051
12	8036	8033	8030	8037	8037	8034	8034	8044	8056	8076	8085	8084	8072	8058	8051
13	8025	8032	8038	8035	8037	8033	8036	8040	8060	8071	8078	8076	8063	8053	8050
14	8027	8023	8026	8021	8022	8026	8031	8041	8060	8080	8088	8096	8090	8080	8063
15	8023	8027	8027	8030	8030	8029	8032	8038	8056	8069	8079	8080	8066	8055	8049
16	8008	8010	8031	8015	8019	8018	8016	8032	8051	8036	8079	8079	8065	8057	8048
17	8026	8028	8029	8032	8032	8031	8033	8037	8053	8069	8080	8081	8078	8074	8059
18	8033	8030	8038	8045	8022	8033	8023	8018	8032	8038	8055	8065	8057	8047	8041
19	8020	8024	8023	8025	8027	8025	8032	8045	8064	8084	8092	8097	8080	8069	8063
20	8030	8027	8026	8025	8021	8020	8021	8025	8049	8060	8074	8074	8059	8051	8048
21	8024	8022	8018	8020	8023	8023	8022	8027	8043	8062	8075	8079	8068	8059	8050
22 a	8025	8022	8023	8024	8024	8026	8033	8041	8049	8062	8078	8081	8069	8063	8047
23	8031	8032	8028	8027	8030	8035	8041	8049	8056	8076	8090	8090	8085	8069	8059
24	8022	8019	8018	8019	8024	8029	8040	8049	8063	8084	8090	8087	8078	8066	8055
25	8035	8035	8033	8031	8036	8026	8017	8021	8044	8054	8064	8061	8048	8041	8035
26	8014	8015	8020	8016	8008	8009	8010	8015	8038	8061	8074	8062	8051	8039	8030
27	8018	8019	8014	8013	8014	8015	8018	8028	8041	8057	8065	8060	8051	8042	8031
28 a	8018	8013	8011	8012	8012	8015	8014	8015	8031	8049	8065	8064	8059	8046	8040
29 a	8020	8022	8019	8018	8020	8020	8023	8032	8050	8066	8078	8076	8069	8058	8049
30 a	8023	8020	8021	8019	8018	8019	8025	8032	(8046)	(8060)	(8079)	(8077)	(8070)	(8063)	(8053)
31	8020	8017	8016	8015	8015	8013	8016	8026	8045	8071	8087	8084	8071	8056	8042
Mean	8027	8027	8027	8026	8026	8026	8028	8035	8050	8065	8077	8077	8068	8058	8048
Mean a	8023	8023	8921	8021	8021	8023	8025	8030	8043	8056	8072	8073	8066	8058	8048

APRIL, 1914.

30000γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8009	8010	8009	8008	8008	8010	8015	8023	8037	8058	8066	8066	8060	8044	8030
2	7999	8001	8001	8007	8006	8004	8012	8017	8023	8034	8040	8041	8038	8038	8033
3	8009	8005	8007	8001	8001	7999	8006	8010	8025	8047	8061	8059	8057	8045	8036
4	8011	8007	8007	8007	8007	8007	8008	8019	8029	8047	8057	8055	8053	8646	8031
5	8013	8009	8012	8010	8009	8010	8011	8017	8031	8047	8062	8063	8059	8057	8046
6	8007	8012	8018	8014	8017	8022	8023	8033	8055	8079	8096	8091	8090	8053	8010
7	7928	7935	7973	7964	7953	7970	7957	7975	7990	8003	8023	8009	7980	7979	7975
8	7984	8006	7994	7986	7987	7986	7982	7983	8001	7991	7990	7999	7982	7986	7983
9	8002	7991	7986	7985	7982	7979	7979	7990	7999	8021	8024	8024	8016	8008	8005
10	7989	7985	7985	7990	7994	7992	7994	8003	8014	8034	8038	8029	8027	8018	8013
11	7990	7988	7992	7991	7990	7990	7994	8005	8022	8038	8039	8032	8022	8010	8007
12 a	7991	7989	7989	7985	7989	7989	7992	7995	8016	8036	8035	8036	8031	8013	8003
13	7986	7984	7988	7990	7993	7993	7993	8003	8006	8043	8054	8054	8046	8031	8023
14	7997	7992	7995	7997	7998	8002	8009	8022	8038	8060	8071	8073	8062	8051	8038
15 a	7999	7999	8001	8001	8004	8006	8011	8022	8042	8052	8060	8054	8037	8028	8018
16	7991	7994	7993	7996	7998	7999	8010	8024	8040	8049	8056	8042	8035	8025	8019
17	7981	7987	7985	7988	7994	7999	8004	8003	8017	8026	8032	8023	8019	8017	8019
18	7996	7993	7993	7992	7996	7991	8001	7999	8017	8029	8030	8034	8033	8029	8023
19	8005	8007	8003	8002	8004	8003	8012	8029	8051	8050	8047	8033	8019	8019	8018
20	8004	8000	7998	7995	7993	7997	8005	8014	8031	8040	8049	8044	8031	8028	8024
21	8001	8003	7998	7997	7997	8000	8006	8017	8034	8050	8052	8045	8042	8036	8028
22	8006	8003	8001	8002	8002	8006	8005	8014	8027	8038	8045	8048	8040	8029	8022
23	7998	7999	7997	7996	7997	7997	7999	8003	8023	8043	8061	8062	8057	8044	8036
24	7999	7996	7994	7992	7995	8000	7999	8005	8015	8030	8041	8041	8038	8030	8027
25	8001	8007	8010	8009	8009	8013	8018	8029	8045	8060	8067	8054	8043	8033	8024
26 a	7995	7996	7997	7999	7999	7998	8004	8015	8031	8055	(8067)	(8058)	(8045)	8031	8021
27	7994	7997	7999	8003	8002	8007	8010	8017	8032	8050	8057	8059	8057	8051	--------
28	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
29 a	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	8032
30 a	8020	8023	8025	8025	8025	8026	8032	8039	8052	8065	8082	8078	8069	8060	8051
Mean	7997	7997	7998	7998	7998	8000	8003	8012	8027	8042	8050	8047	8039	8030	8021
Mean a	8001	8002	8003	8002	8004	8005	8010	8018	8035	8052	8061	8056	8046	8033	8025

a Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1914.

30000γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8044	8027	8036	8019	8017	8023	8028	8027	8037	8038	11 35	8082	7 26	8015	67	1
8027	8032	8029	8028	8028	8028	8032	8029	8028	8038	11 08	8068	18 40	8022	46	2
8023	8026	8017	8013	8015	8020	8020	8025	8027	8036	11 23	8079	18 25	8012	67	3
8037	8035	8029	8038	8032	8031	8038	8027	8028	8038	10 46	8072	2 00	8024	48	4
8042	8035	8031	8030	8029	8028	8030	8035	8036	8039	11 28	8067	0 26	8027	40	5
8051	8062	8054	8027	8031	8035	8033	8032	8038	8046	10 52	8080	19 11	2023	57	6
8034	8039	8037	8035	8033	8032	8029	8028	8025	8043	11 19	8089	24 00	8025	64	7
8042	8033	8036	8036	8036	8032	8034	8036	8036	8039	12 00	8071	0 18	8022	49	8
8056	8051	8044	8035	8026	8030	8029	8029	8027	8049	12 00	8102	19 57	8024	78	9
8059	8057	8053	8050	8051	8039	8035	8030	8033	8049	12 07	8089	1 00	8028	61	10
8040	8039	8036	8026	8031	8032	8029	8036	8033	8046	11 26	8100	19 00	8026	74	11
8043	8035	8036	8039	8036	8036	8030	8036	8028	8045	11 00	8085	24 00	8028	57	12
8048	8048	8042	8038	8036	8037	8037	8034	8033	8045	11 00	8078	1 00	8025	53	13
8056	8050	8042	8037	8033	8030	8029	8025	8029	8046	12 16	8099	4 00	8021	78	14
8043	8040	8038	8043	8042	8034	8026	8035	8026	8042	11 25	8083	0 44	8021	62	15
8035	8033	8028	8023	8026	8025	8026	8024	8022	8035	10 35	8083	2 14	8004	79	16
8049	8042	8034	8032	8031	8032	8027	8032	8036	8044	12 00	8081	0 11	8021	60	17
8033	8026	8024	8022	8021	8024	8020	8023	8022	8033	11 34	8067	7 14	8014	53	18
8044	8041	8038	8038	8038	8038	8038	8043	8032	8047	12 03	8098	1 00	8020	78	19
8044	8041	8039	8031	8026	8021	8020	8017	8031	8037	11 47	8080	23 00	8017	63	20
8040	8044	8042	8039	8036	8036	8032	8030	8029	8039	12 00	8079	3 00	8018	61	21
8040	8041	8041	8039	8038	8035	8034	8034	8031	8042	12 00	8081	2 00	8022	59	22
8055	8050	8046	8044	8037	8030	8028	8029	8026	8048	11 09	8093	24 00	8026	67	23
8046	8042	8035	8034	8036	8038	8038	8038	8039	8045	11 06	8091	3 00	8018	73	24
8029	8023	8024	8017	8020	8023	8018	8017	8018	8032	11 36	8066	7 12	8013	53	25
8026	8019	8014	8016	8015	8016	8016	8015	8015	8026	10 41	8076	5 00	8008	68	26
8025	8023	8023	8022	8022	8023	8021	8017	8019	8028	11 12	8066	4 00	8013	53	27
8031	8024	8021	8022	8020	8019	8018	8022	8022	8028	11 15	8066	3 00	8011	55	28
8036	8032	8030	8030	8029	8027	8025	8023	8023	8036	11 00	8078	4 00	8018	60	29
(8046)	(8043)	(8042)	(8041)	(8040)	8039	8031	8022	8023	(8040)	11 00	(8079)	5 00	8018	(61)	30
8032	8028	8022	8021	8026	8021	8019	8013	8011	8033	11 00	8087	23 23	8008	79	31
8041	8037	8034	8031	8030	8029	8028	8028	8028	8040	--------	8081	--------	8019	62	--------
8039	8035	8033	8032	8031	8030	8028	8027	8027	8037	--------	8074	--------	8019	55	--------

APRIL, 1914.

30000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	γ
8024	8024	8021	7998	8000	7990	7987	8013	7992	8021	10 21	8069	22 16	7985	84	1
8030	8025	8021	8018	8018	8026	8026	8029	8016	8022	11 19	8045	0 20	7986	59	2
8033	8033	8030	8020	8010	8008	8002	8006	8008	8022	11 11	8062	6 00	7999	63	3
8023	8016	8013	8011	8014	8011	8005	8007	8006	8021	11 00	8057	22 00	8005	52	4
8039	8022	8016	8013	8015	8013	8012	8010	8008	8025	13 10	8067	0 01	8007	60	5
7988	7909	7902	7951	7944	7932	7948	7942	7959	8004	11 38	8101	17 51	7895	206	6
7979	7984	7981	7982	7986	7991	7993	7981	7980	7978	10 38	8040	1 47	7919	121	7
7965	7969	7972	7977	7982	7986	7985	7984	7983	7985	9 35	8008	16 33	7957	51	8
8000	7993	7990	7985	7986	7984	7986	7984	7987	7995	11 34	8026	0 27	7977	49	9
8013	8001	8005	8006	7999	7993	8000	7994	7994	8005	10 52	8039	0 11	7983	56	10
8003	8001	7998	7990	7989	7984	7992	7990	7994	8002	11 00	8039	9 08	7982	57	11
7996	7995	7992	7991	7989	7992	7989	7991	7989	8001	10 32	8044	3 52	7983	61	12
8013	8005	8000	7997	7998	7994	7992	7998	7997	8008	11 20	8055	2 00	7984	71	13
8025	8018	8017	8010	8010	8010	8007	8008	8003	8021	11 09	8076	2 04	7989	87	14
8016	8011	8008	8007	8004	8001	7998	7989	7989	8015	11 00	8060	23 09	7987	73	15
8021	8018	8014	8005	7989	7998	8000	7999	7998	6013	10 08	8057	22 49	7981	76	16
8017	8012	8003	8001	8003	8005	8001	8000	8000	8006	11 32	8034	0 40	7980	54	17
8015	8011	8008	8005	8003	8003	8002	8005	8007	8009	12 00	8034	3 34	7989	45	18
8015	8008	8006	8004	8003	8001	8001	7999	7997	8014	10 32	8063	24 00	7997	66	19
8015	8010	8007	8008	8007	8008	8007	8006	8005	8014	11 00	8049	5 22	7991	58	20
8016	8008	8005	8001	8006	8011	8012	8009	8006	8016	10 54	8054	19 27	7995	59	21
8011	8003	8004	8003	8005	7996	7998	7999	7999	8013	12 00	8048	21 00	7996	52	22
8028	8019	8014	8012	8007	8002	7996	7992	8001	8016	11 05	8063	23 04	7989	74	23
8024	8016	8013	8013	8009	8005	8009	8012	8009	8013	11 11	8043	4 00	7997	51	24
8019	8013	8011	8008	8008	8004	8004	7997	7997	8020	10 25	8066	1 51	7993	73	25
8011	8005	8005	8004	8007	8003	7998	7997	7996	8014	11 00	8067	1 00	7995	72	26
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--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	28
8024	8021	8021	8021	8019	8018	8018	8020	8021	--------	--------	--------	--------	--------	--------	29
8046	8040	8034	8026	8026	8027	8025	8025	8027	8040	11 00	8082	1 00	8020	62	30
8015	8007	8004	8002	8001	8000	8000	8000	7999	8012	--------	8054	--------	7984	70	--------
8019	8014	8012	8010	8009	8008	8006	8004	8004	8018	--------	8063	--------	7996	67	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1914.

30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8022	8025	8025	8024	8027	8027	8030	8035	8054	8072	8085	8086	8083	8073	8062
2	8029	8026	8030	8030	8030	8031	8033	8041	8052	8064	8066	8068	8069	8070	8066
3	8038	8038	8040	8040	8040	8040	8041	8044	--------	--------	--------	--------	--------	--------	--------
4	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
5	8044	8043	8045	8047	8052	8057	8064	8071	8081	8100	8108	8109	8102	8093	8086
6	8048	8049	8050	8050	8048	8047	8050	8059	8068	8081	8088	8096	8095	8091	8083
7	8036	8032	8028	8031	8032	8031	8036	8039	8053	8050	8045	8045	8049	8050	8053
8	8019	8022	8026	8024	8023	8026	8038	8044	8052	8066	8066	8070	8062	8052	8046
9 [a]	8024	8020	8021	8021	8024	8029	8036	8045	8055	8063	8068	8071	8068	8058	8050
10 [a]	8024	8024	8025	8029	8028	8033	8034	8039	8051	8057	8067	8071	8070	8058	8051
11	8033	8035	8036	8035	8036	8037	8047	8059	8078	8089	8094	8093	8087	8077	8071
12	8030	8027	8027	8031	8029	8031	8035	8044	8056	8073	8082	8082	8077	8067	8057
13	8026	8027	8028	8031	8027	8032	8034	8038	8044	8054	8065	8064	8058	8058	8053
14 [a]	8031	8030	8031	8031	8031	8034	8043	8054	8066	8081	8086	8077	8068	8062	8055
15	8031	8029	8028	8026	8028	8030	8039	8047	8057	8064	8067	8063	8055	8051	8053
16	8019	8022	8025	8027	8035	8037	8035	8035	8046	8058	8056	8061	8046	8048	8055
17	8025	8025	8034	8028	8030	8036	8053	8059	8064	8060	8062	8074	8064	8055	8041
18	8022	8020	8024	8023	8027	8031	8034	8040	8044	8047	8056	8062	8063	8059	8056
19 [a]	8030	8032	8034	8029	8025	8029	8029	8032	8040	8045	8052	8056	8056	8046	8040
20 [a]	8026	8023	8024	8024	8024	8028	8032	8036	8046	8055	8060	8058	8055	8053	8049
21	8032	8033	8032	8031	8031	8033	8038	8041	8053	8059	8061	8062	8065	8064	8055
22	8028	8028	8030	8029	8030	8032	8041	8048	8060	8068	8078	8081	8081	8077	8065
23	8023	8024	8025	8027	8028	8036	8042	8048	8056	8065	8068	8062	8056	8055	8051
24	8026	8030	8032	8030	8033	8038	8045	8052	8061	8063	8060	8055	8052	8048	8046
25	8019	8024	8027	8028	8028	8030	8035	8040	8046	8049	8050	8050	8049	8050	8050
26	8032	8037	8042	8037	8040	8031	8029	8030	8036	8044	8054	8057	8058	8059	8058
27	8004	8003	8012	8010	8013	8024	8032	8042	8055	8067	8069	8067	8048	8044	8038
28	8019	8022	8025	8018	8014	8017	8026	8035	8052	8069	8080	8078	8071	8061	8050
29	8019	8022	8023	8023	8023	8022	8024	8033	8047	8057	8070	8066	8063	8049	8035
30	8020	8019	8021	8022	8020	8024	8034	8044	8055	8065	8067	8059	8060	8053	8042
31	8018	8019	8023	8023	8024	8024	8034	8035	8044	8052	8056	8058	8056	8951	8053
Mean	8027	8027	8029	8029	8029	8032	8037	8044	8054	8063	8068	8069	8065	8060	8054
Mean [a]	8027	8026	8027	8027	8026	8031	8035	8041	8052	8060	8067	8067	8063	8055	8049

JUNE, 1914.

30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8035	8023	8023	8024	8025	8026	8024	7990	7997	7968	7973	7991	7974	7989	7979
2	7987	7985	7987	7990	7989	7995	7996	8000	8010	8021	8023	8023	8022	8021	8013
3	7985	7991	7998	7990	7990	7992	8003	8011	8017	8021	8018	8015	8012	8004	7995
4	7997	7996	7994	7990	7997	8000	8006	8010	8017	8023	8028	8031	8025	8026	8020
5	8002	8005	8003	8002	8001	8001	8006	8009	8016	8025	8024	8024	8019	8015	8016
6	8000	8003	8003	8004	8011	8013	8021	8031	8041	8047	8051	8044	8048	8038	8033
7	8007	8009	8010	8012	8013	8023	8034	8048	8049	8058	8054	8055	8055	8040	8038
8	8018	8015	8015	8020	8022	8028	8034	8046	8057	8064	8066	8063	8060	8046	8041
9	8015	8012	8012	8021	8017	8019	8026	8031	8035	8043	8042	8041	8042	8042	8032
10	8016	8016	8015	8016	8018	8023	8034	8036	8045	8053	8059	8057	8056	8050	8041
11	8021	8020	8021	8022	8022	8025	8027	8035	8036	8045	8044	8038	8031	8029	8029
12 [a]	8026	8024	8019	8024	8020	8023	8027	8039	8053	8056	8060	8056	8054	8052	8047
13 [a]	8021	8024	8025	8026	8024	8024	8027	8038	8042	8053	8059	8060	8058	8054	8048
14	8034	8033	8033	8030	8026	8031	8038	8047	8050	8058	8068	8067	8066	8064	8052
15	8033	8029	8031	8032	8030	8032	8045	8056	8064	8078	8086	8081	8076	8075	8065
16 [a]	8031	8029	8023	8024	8024	8030	8038	8055	8067	8082	8079	8075	8057	8048	8041
17 [a]	8028	8027	8026	8027	8027	8029	8034	8037	8047	8056	8064	8068	8067	8061	8053
18	8029	8031	8031	8032	8033	8039	8050	8055	8058	8075	8083	8079	8071	8064	8055
19	8026	8026	8024	8022	8023	8027	8034	8041	8053	8060	8074	8066	8056	8041	8033
20	8022	8021	8030	8035	8020	8021	8039	8047	8045	8054	8056	8052	8042	8044	8027
21	8019	8025	8019	8017	8017	8016	8022	8037	8050	8061	8062	8056	8049	8036	8025
22	8015	8020	8016	8014	8011	8016	8017	8027	8036	8041	8046	8044	8042	8033	8027
23 [a]	8014	8013	8009	8005	8006	8010	8016	8019	8026	8033	8043	8045	8045	8040	8032
24	8013	8016	8017	8016	8014	8017	8022	8036	8046	8055	8060	8061	8061	8054	8047
25	8022	8021	8021	8020	8022	8027	8037	8048	8057	8064	8079	8073	8066	8055	8043
26	7977	7984	7995	7995	7994	8006	8014	8028	8035	8051	8050	8044	8045	8045	8037
27	8013	8013	8011	8013	8013	8012	8026	8021	8017	8019	8025	8025	8022	8032	8018
28	8003	8007	8004	8010	8006	8016	8021	8024	8015	8026	8026	8020	8032	8021	8012
29	8010	8013	8010	8008	8011	8009	8014	8023	8021	8040	8042	8028	8034	8033	8023
30	8005	8004	8004	8006	8004	8011	8012	8019	8030	8045	8046	8042	8040	8028	8033
Mean	8014	8014	8014	8015	8014	8018	8025	8031	8038	8046	8050	8047	8044	8039	8032
Mean [a]	8024	8023	8020	8021	8020	8023	8028	8038	8047	8056	8061	8061	8056	8051	8044

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1914.

30000γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8046	8032	8031	8033	8033	8032	8029	8028	8026	8042	12 00	8086	1 00	8022	64	1
8049	8038	8034	8030	8031	8035	8037	8035	8039	8043	12 50	8073	2 00	8026	47	2
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8041	8041	8044	8044	8045	8045	8046	8044	8045	----	----	----	----	----	----	4
8072	8055	8055	8053	8049	8050	8049	8049	8046	8066	12 00	8109	2 00	8043	66	5
8065	8054	8042	8045	8046	8049	8048	8045	8040	8060	12 16	8100	23 51	8038	62	6
8047	8035	8027	8019	8027	8028	8027	8024	8019	8036	9 09	8054	18 51	8017	37	7
8036	8031	8029	8025	8021	8025	8027	8030	8026	8037	11 45	8071	0 35	8018	53	8
8042	8039	8034	8033	8033	8030	8027	8027	8025	8039	11 28	8073	1 33	8019	54	9
8045	8041	8036	8037	8039	8037	8034	8032	8033	8041	12 00	8071	1 30	8023	48	10
8061	8057	8045	8034	8031	8029	8027	8035	8036	8053	11 13	8096	22 10	8025	71	11
8040	8032	8030	8028	8028	8029	8025	8022	8022	8042	11 15	8084	23 21	8021	63	12
8045	8039	8033	8026	8026	8031	8033	8029	8033	8039	11 00	8065	19 28	8021	44	13
8046	8040	8037	8031	8028	8027	8029	8029	8030	8045	11 00	8086	21 00	8027	59	14
8047	8039	8027	8025	8017	8016	8020	8015	8019	8037	11 13	8068	18 24	8008	60	15
8051	8038	8024	8022	8027	8026	8027	8022	8026	8036	12 00	8061	1 00	8019	42	16
8014	8011	8016	8024	8034	8035	8023	8021	8027	8038	13 03	8080	16 38	8000	80	17
8044	8037	8033	8029	8027	8027	8028	8031	8031	8037	13 00	8063	2 00	8020	43	18
8032	8029	8027	8027	8028	8024	8025	8025	8027	8034	12 24	8059	21 00	8024	35	19
8039	8033	8031	8033	8033	8033	8033	8032	8032	8037	11 00	8060	2 00	8023	47	20
8044	8040	8035	8037	8036	8033	8030	8028	8027	8042	13 00	8065	24 00	8027	38	21
8052	8040	8037	8034	8032	8030	8026	8022	8024	8045	12 10	8082	23 09	8021	61	22
8044	8041	8035	3033	8032	8031	8030	8026	8026	8040	11 00	8068	1 00	8023	45	23
8036	8032	8022	8020	8021	8021	8021	8020	8024	8037	10 00	8063	21 83	8016	47	24
8042	8038	8032	8031	8031	8032	8032	8033	8036	8037	12 33	8054	1 00	8019	35	25
8043	8036	8026	8021	8010	8005	8004	8003	8029	8034	12 28	8060	21 51	7995	65	26
8034	8026	8023	8022	8019	8018	8021	8019	8018	8030	11 36	8071	2 00	8003	68	27
8039	8032	8028	8025	8017	8017	8018	8019	8020	8036	11 00	8080	20 14	8013	67	28
8028	8019	8018	8016	8020	8021	8025	8022	8023	8032	11 28	8071	17 35	8014	57	29
8033	8024	8021	8024	8025	8027	8024	8024	8020	8034	11 00	8067	2 00	8019	48	30
8046	8033	8025	8029	8026	8032	8040	8044	8030	8036	12 00	8058	1 00	8018	40	31
8043	8036	8031	8030	8029	8029	8029	8028	8029	8040	----	8072	----	8019	53	----
8041	8036	8033	8032	8032	8030	8030	8029	8029	8039	----	8070	----	8023	47	----

JUNE, 1914.

30000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
7972	7961	7967	7975	7983	7980	7984	7986	7986	7993	1 24	8036	10 15	7960	76	1
8006	8002	7997	7996	7993	7988	7994	7989	7983	8000	13 18	8024	24 00	7983	41	2
7987	7984	7987	7991	7993	7995	7994	7997	7995	7999	10 00	8021	17 38	7982	39	3
8013	8009	8002	8003	8004	8004	8003	8003	8003	8008	11 50	8032	4 00	7990	42	4
8003	7996	7998	7999	8004	8001	7998	7995	7999	8007	10 06	8026	23 00	7995	31	5
8029	8023	8019	8025	8017	8015	8016	8012	8010	8023	10 35	8053	0 01	7999	54	6
8031	8027	8020	8016	8010	8011	8010	8011	8014	8027	10 00	8058	1 00	8007	51	7
8043	8032	8017	8016	8013	8014	8025	8025	8020	8033	10 28	8068	18 24	8011	57	8
8024	8020	8016	8016	8015	8016	8014	8013	8016	8024	10 00	8043	0 35	8011	32	9
8032	8026	8028	8026	8024	8021	8021	8020	8022	8031	11 00	8059	3 00	8015	44	10
8029	8024	8023	8024	8023	8023	8026	8027	8028	8028	9 45	8047	2 24	8018	29	11
8039	8031	8023	8025	8026	8027	8027	8025	8023	8034	10 33	8061	3 18	8017	44	12
8049	8035	8032	8035	8037	8036	8034	8033	8035	8038	12 00	8060	1 00	8021	39	13
8042	8036	8031	8032	8036	8035	8037	8035	8035	8042	11 03	8069	5 00	8026	43	14
8054	8046	8045	8040	8039	8038	8038	8035	8035	8049	11 00	8086	2 00	8029	57	15
8031	8028	8024	8025	8024	8035	8026	8026	8028	8039	10 25	8084	3 15	8021	63	16
8037	8031	8032	8033	8032	8031	8032	8034	8032	8039	12 12	8069	3 00	8026	43	17
8047	8032	8028	8031	8030	8029	8031	8028	8027	8044	10 55	8084	23 30	8026	58	18
8023	8017	8013	8014	8018	8017	8018	8013	8015	8031	10 24	8077	17 30	8012	65	19
8017	8013	8013	8016	8012	8026	8021	8017	8019	8030	10 42	8066	19 50	8010	56	20
8018	8013	8012	8011	8017	8015	8015	8014	8014	8027	9 54	8064	19 09	8010	54	21
8023	8016	8007	8010	8012	8015	8014	8015	8016	8022	11 00	8046	18 30	8006	40	22
8024	8017	8014	8018	8015	8016	8015	8013	8015	8021	11 45	8046	4 00	8005	41	23
8038	8028	8020	8018	8018	8018	8018	8020	8019	8030	10 48	8062	1 00	8013	49	24
8020	8015	8015	8016	8015	8014	7986	7970	7974	8028	10 10	8081	23 00	7970	111	25
8030	8022	8016	8007	8004	8008	8012	8014	8014	8018	13 12	8063	0 01	7975	88	26
8014	8006	7999	7998	8007	8008	8005	8006	8005	8014	14 00	8032	18 42	7996	36	27
8014	8016	8012	8009	8011	8011	8010	8014	8018	8015	10 24	8033	0 30	8002	31	28
7999	7994	7995	8001	8003	8005	8005	8006	8004	8014	10 42	8044	17 30	7992	52	29
8027	8021	8013	8010	8008	8004	8009	8010	8018	8019	10 03	8048	20 54	8002	46	30
8024	8017	8014	8015	8015	8015	8015	8014	8014	8024	----	8054	----	8004	50	----
8036	8028	8025	8027	8027	8027	8027	8026	8027	8034	----	8064	----	8018	46	----

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1914. 30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8012	8007	8006	8007	8008	8008	8013	8023	8038	8051	8051	8044	8039	8034	8023
2[a]	8011	8012	8010	8010	8009	8015	8023	8036	8045	8062	8071	8061	8058	8051	8037
3	8014	8012	8012	8012	8015	8017	8024	8031	8040	8048	8051	8052	8046	8039	8032
4	8025	8023	8022	8022	8021	8024	8028	8036	8043	8049	8052	8047	8046	8035	8023
5	8017	8019	8018	8018	8019	8027	8030	8036	8040	8083	8105	8089	8046	8060	8012
6	7971	7976	7978	7981	7981	7989	7997	8009	8017	8024	8025	8021	8011	8009	7997
7	7999	7999	8002	7998	8000	8004	8010	8012	8013	8021	8020	8019	8019	8021	8011
8[a]	8000	8002	8007	8005	8007	8009	8022	8035	8046	8055	8058	8057	8051	8038	8028
9	8006	8007	8009	8009	8008	8012	8017	8026	8035	8046	8053	8043	8037	8032	8028
10	8010	8010	8012	8009	8012	8013	8021	8034	8038	8040	8045	8040	8039	8035	8024
11	8013	8018	8013	8011	8014	8010	8016	8016	8028	8035	8043	8040	8032	8033	8025
12	8023	8024	8026	8024	8028	8032	8040	8053	8063	8073	8074	8069	8063	8050	8043
13[a]	8033	8033	8029	8033	8030	8038	8054	8060	8066	8068	8073	8074	8070	8061	8044
14	8039	8042	8041	8040	8038	8042	8051	8058	8067	8074	8080	8078	8079	8073	8066
15	8039	8044	8040	8041	8040	8045	8053	8062							
16	8052	8057	8057	8059	8065	8071	8081	8095	8106	8108	8111	8106	8103	8092	8088
17[a]	8085	8087	8087	8084	8082	8087	8096	8098	8108	8117	8123	8122	8115	8109	8102
18	8086	8089	8089	8092	8093	8087	8090	8092	8093	8098	8106	8110	8106	8101	8101
19[a]	8077	8082	8072	8075	8074	8076	8072	8082	8092	8103	8113	8115	8109	8103	8089
20	8077	8077	8082	8081	8080	8085	8092	8095	8102	8105	8108	8099	8093	8093	8090
21	8067	8069	8068	8072	8073	8081	8095	8102	8113	8119	8112	8102	8100	8099	8089
22	8080	8083	8084	8083	8083	8081	8094	8101	8104	8104	8103	8102	8098	8104	8102
23	8065	8073	8071	8075	8075	8075	8081	8084	8090	8082	8087	8081	8085	8083	8078
24	8072	8083	8071	8073	8081	8084	8087	8095	8102	8114	8107	8100	8096	8086	8085
25	8079	8082	8073	8076	8077	8086	8101	8102	8107	8117	8120	8125	8100	8059	8061
26	8065	8069	8068	8069	8075	8080	8084	8088	8092	8095	8099	8082	8072	8082	8076
27	8067	8068	8069	8067	8068	8075	8077	8084	8091	8098	8095	8098	8100	8098	8087
28	8068	8066	8069	8075	8076	8081	8087	8095	8099	8106	8112	8106	8088	8076	8065
29	8076	8078	8080	8079	8078	8078	8087	8094	8098	8103	8119	8128	8119	8111	8108
30	8016	8030	8014	8041	8042	8042	8046	8065	8073	8069	8068	8078	8075	8077	8082
31	8059	8064	8064	8063	8069	8071	8074	8064	8073	8082	8079	8086	8082	8078	8068
Mean	8042	8045	8043	8045	8046	8049	8056	8063	8071	8078	8082	8079	8073	8067	8059
Mean[a]	8041	8043	8041	8041	8040	8045	8053	8062	8071	8081	8088	8086	8081	8072	8060

AUGUST, 1914. 30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8071	8072	8072	8075	8075	8079	8082	8088	8096	8105	8111	8107	8103	8090	8084
2	8088	8077	8075	8075	8082	8069	8084	8088	8097	8108	8110	8110	8106	8099	8085
3	8073	8077	8076	8074	8071	8075	8086	8092	8102	8115	8125	8128	8134	8135	8123
4	8051	8052	8060	8068	8074	8060	8070	8074	8085	8096	8092	8084	8085	8079	8075
5	8068	8068	8068	8069	8068	8072	8079	8094	8106	8111	8111	8105	8090	8087	8085
6	8074	8073	8076	8076	8079	8083	8089	8094	8102	8106	8099	8098	8081	8067	8066
7	8071	8061	8064	8059	8068	8063	8059	8067	8073	8082	8083	8081	8073	8066	8064
8	8067	8067	8066	8072	8075	8089	8100	8095	8105	8104	8110	8108	8105	8098	8088
9[a]	8063	8070	8069	8069	8071	8079	8087	8094	8105	8119	8111	8106	8107	8105	8096
10[a]	8073	8079	8073	8077	8075	8081	8086	8091	8098	8103	8098	8100	8092	8088	8084
11	8076	8080	8078	8077	8072	8075	8092	8098	8103	8111	8113	8109	8103	8095	8080
12	8083	8072	8073	8075	8068	8068	8075	8074	8081	8088	8098	8102	8101	8091	8084
13	8071	8073	8078	8073	8074	8087	8093	8100	8115	8123	8121	8122	8112	8105	8096
14[a]	8081	8077	8078	8073	8073	8081	8089	8095	8108	8118	8122	8121	8109	8095	8082
15	8070	8071	8069	8074	8075	8077	8082	8088	8097	8103	8111	8096	8089	8075	8078
16[a]	8069	8068	8067	8067	8068	8073	8083	8090	8100	8102	8104	8098	8095	8090	8085
17	8072	8073	8075	8072	8073	8079	8081	8086	8095	8102	8103	8093	8089	8085	8076
18	8068	8071	8070	8086	8090	8091	8091	8090	8094	8093	8097	8099	8101	8089	8088
19	8056	8065	8062	8061	8065	8068	8073	8080	8082	8083	8085	8085	8085	8083	8084
20	8065	8068	8067	8068	8063	8076	8074	8070	8076	8070	8070	8065	8072	8074	8073
21	8055	8056	8057	8068	8064	8067	8071	8074	8081	8083	8091	8084	8079	8077	8068
22[a]	8058	8061	8060	8058	8057	8063	8070	8075	8084	8085	8075	8073	8065	8068	8062
23	8060	8059	8059	8060	8060	8059	8062	8065	8071	8075	8076	8087	8067	8082	8073
24	8076	8067	8060	8054	8057	8060	8063	8070	8081	8089	8092	8090	8080	8077	8076
25	8064	8065	8060	8062	8068	8060	8067	8067	8073	8084	8092	8098	8070	8069	8067
26	8064	8055	8056	8059	8060	8061	8058	8067	8076	8078	8075	8081	8082	8080	8079
27	8060	8059	8066	8061	8063	8066	8070	8070	8086	8090	8093	8085	8077	8071	8065
28	8057	8057	8060	8062	8057	8066	8075	8078	8085	8092	8084	8075	8073	8072	8074
29	8056	8061	8067	8060	8059	8068	8082	8089	8090	8064	8062	8061	8045	8042	8040
30	8039	8043	8048	8048	8044	8054	8058	8067	8078	8085	8080	8079	8068	8067	8064
31	8062	8057	8054	8045	8051	8054	8055	8057	8061	8063	8064	8064	8057	8055	8055
Mean	8066	8066	8067	8067	8068	8071	8077	8082	8090	8095	8095	8093	8087	8082	8077
Mean[a]	8069	8071	8069	8067	8069	8075	8083	8089	8099	8105	8102	8100	8094	8089	8082

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1914.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8013	8005	8013	8013	8014	8013	8011	8012	8013	8020	10 15	8052	17 00	8005	47	1
8020	8013	8013	8014	8012	8012	8014	8015	8014	8027	11 00	8071	5 00	8009	62	2
8020	8012	8013	8014	8017	8016	8019	8022	8024	8025	10 45	8053	18 24	8010	43	3
8015	8008	8012	8013	8013	8015	8014	8015	8018	8026	11 15	8053	17 00	8008	45	4
8001	7986	7927	7935	7966	7970	7965	7967	7960	8012	11 06	8113	18 09	7918	195	5
7990	7991	7989	7987	7991	7993	7994	8002	8007	7997	9 36	8033	0 01	7961	72	6
8004	7998	7994	7993	7992	8002	8001	8000	8002	8006	10 24	8023	20 00	7992	31	7
8016	8009	8005	8002	8003	8004	8005	8003	8007	8020	11 18	8061	1 00	8000	61	8
8020	8014	8017	8018	8013	8007	8006	8008	8009	8020	11 00	8053	0 40	8004	49	9
8016	8011	8009	8004	8013	8010	8012	8011	8016	8020	11 24	8047	18 51	8002	45	10
8025	8020	8018	8018	8021	8022	8022	8020	8022	8022	11 39	8045	6 00	8010	35	11
8040	8037	8033	8032	8031	8031	8030	8035	8032	8041	11 00	8074	0 01	8022	52	12
8040	8035	8032	8040	8035	8032	8033	8038	8040	8045	11 39	8076	3 05	8027	49	13
8058	8049	8043	8039	8040	8042	8040	8036	8040	8052	11 00	8080	22 48	8034	46	14
		8045	8047	8050	8051	8051	8052	8054							15
8086	8077	8079	8081	8083	8080	8083	8087	8087	8083	9 15	8113	1 00	8052	61	16
8092	8084	8085	8086	8086	8091	8087	8083	8088	8095	11 15	8125	5 00	8082	43	17
8095	8092	8085	8077	8069	8072	8071	8076	8071	8089	10 50	8111	20 00	8069	42	18
8080	8075	8072	8074	8074	8071	8071	8075	8071	8083	11 36	8119	21 03	8070	49	19
8082	8077	8072	8070	8070	8069	8066	8066	8069	8083	10 33	8121	21 15	8065	56	20
8085	8079	8077	8078	8079	8080	8076	8076	8072	8086	10 00	8119	0 12	8066	53	21
8094	8084	8071	8073	8070	8065	8069	8068	8066	8086	8 50	8106	21 12	8063	43	22
8080	8074	8071	8072	8075	8076	8079	8077	8074	8078	9 00	8090	0 45	8063	27	23
8083	8080	8078	8080	8082	8078	8075	8078	8081	8085	10 06	8116	3 00	8071	45	24
8072	8065	8059	8040	8053	8057	8076	8065	8064	8080	12 00	8125	19 00	8040	85	25
8053	8047	8059	8061	8062	8064	8065	8067	8070	8073	9 33	8101	17 00	8047	54	26
8077	8067	8065	8066	8068	8065	8071	8071	8068	8078	9 45	8104	18 18	8063	41	27
8062	8072	8063	8067	8067	8059	8063	8069	8074	8078	10 55	8114	21 30	8057	57	28
8097	8081	8081	8072	8048	8064	8028	8010	8031	8081	12 00	8128	23 24	8003	125	29
8083	8078	8065	8050	8062	8061	8042	8065	8063	8058	11 30	8091	2 06	8004	87	30
8065	8067	8070	8072	8068	8073	8075	8082	8103	8073	24 00	8103	0 27	8058	45	31
8052	8046	8042	8042	8043	8043	8042	8044	8045	8054	----------	8087	----------	8029	58	--------
8050	8043	8041	8043	8042	8042	8042	8043	8044	8054	----------	8090	----------	8037	53	--------

AUGUST, 1914.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8083	8082	8081	8070	8080	8081	8086	8087	8085	8085	10 42	8113	18 48	8068	45	1
8068	8073	8072	8085	8073	8079	8078	8075	8075	8085	11 05	8112	15 21	8065	47	2
8103	8079	8060	8066	8063	8064	8051	8066	8059	8087	14 00	8135	22 06	8048	87	3
8062	8048	8052	8055	8057	8061	8063	8061	8068	8068	10 18	8099	17 45	8046	53	4
8081	8076	8077	8075	8077	8078	8079	8077	8077	8082	10 36	8112	0 18	8066	46	5
8045	8054	8062	8058	8057	8064	8064	8069	8062	8075	10 12	8108	16 00	8045	63	6
8060	8050	8052	8053	8052	8058	8064	8065	8064	8065	11 00	8083	17 36	8047	36	7
8073	8061	8069	8068	8070	8066	8067	8060	8064	8081	11 00	8110	23 00	8060	50	8
8087	8079	8081	8079	8075	8071	8072	8075	8076	8085	10 00	8119	0 ·08	8062	57	9
8074	8070	8070	8071	8074	8077	8074	8075	8077	8082	10 00	8103	17 56	8069	34	10
8069	8071	8076	8072	8076	8077	8079	8081	8080	8085	10 45	8115	16 00	8069	46	11
8084	8075	8072	8079	8080	8077	8076	8069	8073	8080	11 45	8104	1 42	8065	39	12
8077	8075	8074	8081	8083	8080	8075	8076	8086	8090	10 00	8123	1 00	8071	52	13
8077	8078	8077	8072	8068	8066	8066	8066	8073	8085	11 00	8122	22 15	8063	59	14
8075	8067	8069	8075	8072	8068	8070	8068	8069	8079	11 00	8111	17 00	8067	44	15
8087	8082	8086	8085	8080	8073	8070	8069	8075	8082	10 10	8106	2 05	8066	40	16
8072	8069	8068	8068	8064	8065	8064	8064	8067	8077	11 00	8103	20 33	8062	41	17
8082	8077	8074	8064	8065	8074	8072	8063	8056	8081	11 45	8110	24 00	8056	54	18
8078	8077	8072	8072	8069	8063	8063	8063	8063	8072	10 26	8088	0 06	8055	33	19
8060	8051	8053	8060	8061	8053	8052	8053	8057	8065	9 03	8078	22 20	8050	28	20
8064	8065	8058	8059	8061	8057	8056	8056	8058	8067	11 00	8091	0 27	8054	37	21
8060	8055	8053	8054	8052	8053	8055	8059	8061	8063	11 00	8085	20 00	8052	33	22
8059	8065	8065	8062	8058	8071	8064	8072	8068	8067	12 00	8087	20 00	8058	29	23
8075	8076	8064	8061	8063	8063	8064	8065	8063	8070	11 00	8092	4 06	8053	39	24
8062	8064	8065	8064	8060	8061	8057	8059	8055	8067	12 03	8100	24 00	8055	45	25
8073	8060	9058	8053	8055	8059	8061	8062	8060	8066	13 00	8082	19 00	8053	29	26
8066	8063	8059	8059	8057	8054	8055	8058	8057	8067	11 03	8095	21 20	8053	42	27
8071	8072	8070	8069	8051	8049	8054	8059	8062	8068	10 01	8093	21 00	8049	44	28
8053	8052	8042	8022	8020	8015	8036	8051	8044	8053	9 20	8093	20 50	8014	79	29
8055	8027	8031	8044	8042	8046	8050	8057	8055	8055	10 33	8087	17 18	8024	63	30
8055	8038	8045	8048	8042	8043	8045	8043	8044	8052	11 45	8066	17 12	8030	36	31
8071	8066	8065	8065	8063	8063	8064	8065	8066	8074	----------	8101	----------	8055	46	--------
8077	8073	8073	8072	8070	8068	8067	8069	8072	8079	----------	8107	----------	8062	45	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1914.

30000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8049	8049	8047	8048	8049	8050	8052	8054	8064	8072	8074	8076	8072	8068	8068
2 [a]	8053	8053	8054	8056	8055	8056	8059	8063	8073	8078	8079	8074	8066	8057	8056
3	8053	8053	8055	8057	8060	8061	8063	8065	8079	8085	8086	8082	8077	8068	8064
4	8052	8053	8064	8063	8060	------	------	8069	8083	8089	8080	8073	8069	8055	8059
5	------	------	------	------	------	------	------	8050	8053	8069	8075	8081	8075	8068	8063
6	8043	8051	8051	8050	8050	------	------	8067	8074	8083	8087	8083	8076	8073	8060
7 [a]	8056	8057	8055	8054	8052	8053	8059	8066	8075	8084	8085	8084	8079	8074	8065
8	8055	8058	8059	8058	8060	8062	8067	8073	8079	8083	8090	8083	8075	8073	8069
9	8060	8063	8064	8066	------	------	------	8104	8112	8116	8110	8091	8058	8066	8067
10	8046	8052	8053	8058	8061	8062	8062	8063	8073	8083	8086	8087	8079	8080	8076
11	8059	8054	8055	8057	8059	8061	8064	8068	8071	8085	8093	8091	8081	8078	8072
12	8064	8072	8069	8071	8073	8075	8078	8082	8094	8111	8118	8108	8097	8091	8084
13	8052	8058	8061	8064	8067	8070	8074	8079	8081	8092	8090	8092	8090	8084	8079
14 [a]	8077	8075	------	------	------	------	------	8091	8092	8101	8111	8106	8105	8101	8096
15	------	------	------	------	------	------	------	8084	8106	8122	8124	8114	8107	8097	8089
16	8072	8072	8073	8074	8079	8080	8088	8101	8111	8121	8116	8116	8112	8108	8109
17	8075	8078	8073	8074	8073	8074	8078	8079	8098	8109	8117	8114	8108	8109	8094
18	8077	8078	8077	8078	8083	8083	8082	8086	8107	8114	8111	8097	8087	8066	8066
19	8070	8075	8074	8076	8078	8081	8084	8088	8091	8106	8111	8116	8113	8107	8093
20	8079	8082	8087	8084	8089	8087	8084	8091	8093	8105	8117	8116	8110	8109	8108
21 [a]	8078	8081	8085	8090	8094	8093	8091	8090	8099	8109	8119	8121	8114	8105	8102
22	8086	8087	8090	8089	8092	8091	8084	8083	8091	8105	8116	8118	8116	8110	8106
23	8691	8087	8093	8096	8098	8103	8114	8117	8137	8134	8147	8148	8130	8116	8099
24	8076	8086	8102	8092	8082	8076	8067	8064	8066	8077	8084	8091	8087	8076	8080
25	8085	8087	8089	8090	8090	8090	8098	8103	8120	8130	8131	8127	8113	8107	8102
26 [a]	8091	8093	8094	8092	8090	8089	8088	8089	8099	8111	8124	8123	8124	8118	8108
27	8101	8103	8106	8105	8103	8103	8103	8111	8122	8125	8132	8136	8138	8131	8106
28	8079	8058	8044	8052	8076	8059	8039	8027	8027	8032	8037	8043	8044	8045	8049
29	8076	8081	8086	8090	8095	8098	8088	8072	8074	8096	8095	8090	8061	8054	8044
30	8049	8058	8069	8071	8070	8068	8064	8067	8075	8080	8092	8093	8095	8089	8087
Mean	8068	8070	8071	8072	8075	8076	8076	8078	8087	8097	8101	8099	8092	8086	8081
Mean [a]	8071	8072	8072	8073	8073	8073	8074	8080	8088	8097	8104	8102	8098	8091	8085

OCTOBER, 1914.

30000γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8081	8064	8072	8072	8072	8075	8086	8064	8088	8106	8092	8085	8074	8076	8077
2	8078	8079	8076	8076	8079	8078	8084	8081	8089	8117	8117	8110	8105	8101	8094
3	8096	8094	8085	8082	8080	8082	8083	8091	8107	8122	8117	8110	8103	8097	8095
4	8069	8077	8068	8071	8076	8076	8077	8088	8102	8121	8131	8127	8113	8095	8098
5	8084	8086	8084	8086	8084	8086	8089	8095	8104	8124	8135	8136	8128	8124	8112
6	8088	8087	8078	8082	8083	8083	8075	8076	8085	8107	8128	8134	8125	8113	8104
7	8094	8096	8098	8100	8095	8090	8088	8098	8111	8111	8117	8121	8112	8101	8091
8	8086	8086	8093	8090	8090	8085	8083	8078	8084	8100	8108	8107	8100	8095	8096
9	8086	8085	8086	8090	8089	8092	8090	8099	8127	8138	8126	8131	8119	8103	8093
0	8087	8088	8090	8092	8091	8090	8091	8099	8120	8129	8141	8147	8140	8127	8106
11	8074	8076	8076	8080	8080	8085	8090	8100	8116	8134	8140	8135	8126	8113	8099
12 [a]	8079	8084	8081	8087	8087	8089	8088	8086	8097	8108	8127	8128	8121	8110	8096
13	8088	8090	8088	8090	8090	8092	8099	8104	8125	8142	8156	8155	8142	8119	8097
14 [a]	8093	8092	8089	8090	8089	8086	8089	8093	8108	8132	8143	8147	8133	8122	8108
15	8096	8097	8097	8098	8095	8090	8093	8096	8109	8126	8133	8136	8129	8117	8109
16	8092	8093	8086	8088	8079	8082	8079	8089	8099	8122	3132	8133	8115	8101	8093
17	8092	8090	8092	8089	8092	8092	8088	8090	8111	8131	8140	8139	8127	8117	8110
18	8086	8082	8086	8092	8092	8091	8091	8097	8107	8118	8134	8146	8132	8108	8103
19	8081	8086	8086	8088	8094	8094	8099	8103	8114	8130	8145	8139	8125	8103	8097
20	8099	8097	8095	8093	8093	8096	8099	8110	8121	8135	8146	8151	8141	8131	8119
21	8093	8099	8100	8100	8102	8103	8109	8117	8123	8132	8145	8143	8117	8095	8082
22	8095	8096	8095	8099	8097	8097	8098	8105	8117	8133	8150	8149	8138	8121	8112
23	8094	8094	8095	8096	8095	8094	8092	8099	8115	8127	8133	8138	8132	8113	8102
24 [a]	8092	8092	8093	8095	8094	8095	8096	8104	8117	8133	8149	8143	8126	8111	8101
25 [a]	8096	8097	8096	8096	8097	8096	8097	8103	8113	8130	8146	8145	8134	8120	8111
26 [a]	8096	8099	8100	8104	8102	8100	8104	8114	8130	8143	8156	8163	8152	8143	8132
27	8111	8112	8117	8118	8117	8117	8119	8133	8148	8163	8168	8174	8154	8140	8138
28	8096	8103	8104	8106	8110	8120	8120	8123	8125	8158	8174	8143	8085	8059	8037
29	8059	8044	8055	8076	8070	8076	8084	8095	8105	8118	8143	8110	8086	8050	8066
30	8066	8071	8066	8066	8075	8077	8081	8087	8102	8112	8114	8111	8097	8083	8075
31	8081	8087	8085	8083	8081	8076	8086	8091	8111	8125	8134	8131	8127	8116	8100
Mean	8087	8038	8087	8090	8089	8090	8091	8097	8111	8127	8136	8134	8121	8107	8098
Mean [a]	8091	8093	8092	8094	8094	8093	8095	8100	8113	8129	8144	8145	8133	8121	8110

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[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1914.

30000γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8058	8046	8032	8049	8043	8046	8048	8051	8056	8055	12 30	8077	18 12	8031	46	1
8056	8055	8054	8053	8052	8052	8053	8053	8053	8059	10 32	8084	18 40	8049	35	2
8060	8058	8057	8055	8057	8057	8056	8053	8054	8063	10 36	8088	1 05	8052	36	3
8059	8058	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	4
8055	8052	8052	8054	8046	8034	8036	8038	8036	-------	-------	-------	-------	-------	-------	5
8056	8054	8051	8044	8047	8048	8050	8053	8056	-------	11 00	8087	0 10	8034	53	6
8058	8058	8058	8058	8059	8059	8057	8059	8060	8064	11 27	8087	5 00	8052	35	7
8068	8064	8060	8058	8060	8059	8061	8063	8062	8067	11 05	8091	0 48	8053	38	8
8062	8054	8024	8036	8045	8042	8050	8045	8047	-------	10 15	8118	17 45	8022	96	9
8071	8074	8070	8066	8058	8050	8036	8050	8060	8065	11 54	8089	22 00	8036	53	10
8066	8065	8063	8065	8073	8072	8072	8071	8071	8069	11 10	8094	2 00	8054	40	11
8079	8072	8068	8061	8052	8053	8056	8054	8057	8077	11 10	8119	21 24	8050	69	12
8074	8070	8072	8072	8073	8071	8073	8076	8079	8075	10 15	8094	0 37	8050	44	13
8086	8079	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	14
8075	8073	-------	8060	8059	8062	8066	8069	8071	-------	-------	-------	-------	-------	-------	15
8103	8081	8078	8086	8083	8077	8073	8060	8062	8089	10 00	8121	22 57	8058	63	16
8081	8082	8081	8079	8079	8076	8083	8078	8079	8086	10 55	8118	0 01	8063	55	17
8074	8077	8080	8073	8064	8064	8072	8071	8072	8081	10 00	8114	20 22	8060	54	18
8085	8084	8086	8080	8078	8079	8078	8079	8079	8087	11 50	8117	0 55	8069	48	19
8107	8109	8107	8099	8096	8093	8082	8074	8086	8096	11 18	8119	23 00	8074	45	20
8101	8102	8097	8100	8094	8091	8089	8089	8088	8097	11 10	8123	1 00	8078	45	21
8100	8102	8100	8097	8093	8090	8086	8090	8088	8096	12 00	8118	8 00	8083	35	22
8082	8075	8084	8076	8066	8072	8076	8079	8081	8100	11 30	8158	20 08	8064	94	23
8092	8095	8091	8083	8080	8076	8079	8086	8083	8082	2 55	8103	8 00	8064	39	24
8096	8088	8086	8090	8081	8081	8086	8096	8093	8098	11 00	8131	20 05	8080	51	25
8106	8107	8106	8103	8102	8101	8100	8102	8105	8103	11 20	8125	7 00	8088	37	26
8086	8093	8096	8099	8099	8092	8087	8065	8060	8104	12 45	8140	24 00	8060	80	27
8054	8052	8053	8058	8067	8075	8077	8079	8078	8054	0 30	8103	8 30	8024	79	28
8035	8028	8035	8040	8041	8043	8040	8041	8043	8064	6 00	8098	17 00	8028	70	29
8085	8080	8072	8073	8078	8079	8079	8074	8081	8076	12 33	8099	0 01	8044	55	30
8076	8073	8071	8070	8069	8068	8068	8068	8069	8079	----------	8108	----------	8054	54	--------
8081	8080	8079	8078	8077	8076	8075	8076	8076	8081	----------	8105	----------	8067	38	--------

OCTOBER, 1914.

30000γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8074	8075	8071	8068	8062	8063	8076	8078	8071	8075	10 00	8106	20 00	8062	44	1
8095	8095	8088	8086	8087	8094	8092	8089	8094	8091	10 33	8126	3 45	8075	51	2
8092	8089	8094	8090	8088	8088	8084	8086	8084	8093	10 28	8127	4 38	8078	49	3
8092	8087	8077	8076	8077	8076	8076	8077	8080	8088	11 19	8133	1 14	8064	69	4
8103	8092	8086	8091	8086	8085	8084	8084	8086	8098	11 38	8138	0 01	8080	58	5
8103	8096	8096	8096	8090	8089	8086	8090	8092	8095	12 00	8134	7 10	8073	61	6
8095	8092	8082	8086	8088	8073	8078	8094	8095	8096	11 51	8123	21 00	8073	50	7
8096	8095	8093	8088	8083	8074	8078	8096	8084	8090	11 00	8108	21 00	8074	34	8
8081	8082	8081	8081	8081	8083	8084	8084	8084	8096	9 56	8141	16 33	8079	62	9
8100	8099	8087	8078	8069	8058	8067	8071	8071	8097	11 42	8148	20 54	8055	93	10
8089	8084	8078	8074	8071	8074	8078	8075	8078	8093	11 17	8142	20 00	8071	71	11
8085	8083	8077	8075	8077	8084	8076	8077	8082	8091	12 00	8128	19 00	8075	53	12
8081	8075	8067	8082	8091	8088	8090	8091	8094	8102	11 00	8156	18 12	8066	90	13
8104	8099	8096	8089	8092	8096	8090	8090	8095	8103	11 48	8150	6 00	8086	64	14
8108	8104	8097	8095	8100	8099	8095	8098	8100	8105	11 12	8137	0 39	8089	48	15
8087	8093	8089	8083	8086	8085	8089	8088	8085	8094	11 12	8134	4 52	8077	57	16
8108	8101	8080	8067	8084	8077	8082	8077	8080	8098	11 28	8145	18 38	8063	82	17
8098	8089	8089	8079	8073	8079	8072	8077	8076	8096	12 00	8146	21 46	8070	76	18
8097	8097	8102	8104	8102	8101	8100	8097	8099	8103	11 06	8147	0 01	8076	71	19
8105	8090	8096	8098	8098	8097	8093	8094	8093	8108	11 45	8156	17 12	8088	68	20
8053	8085	8089	8092	8090	8089	8088	8084	8094	8101	11 00	8145	16 00	8053	92	21
8097	8093	8097	8090	8098	8097	8093	8094	8095	8106	11 15	8152	19 04	8088	64	22
8096	8095	8096	8095	8094	8092	8092	8091	8090	8102	12 00	8138	24 00	8090	48	23
8105	8103	8100	8101	8098	8096	8096	8096	8096	8106	11 00	8149	0 01	8090	59	24
8105	8107	8108	8107	8104	8101	8098	8096	8096	8108	11 17	8147	0 35	8095	52	25
8130	8124	8119	8117	8112	8113	8112	8110	8109	8120	12 00	8163	1 00	8096	67	26
8128	8122	8115	8107	8101	8097	8105	8106	8090	8125	11 53	8181	24 00	8090	91	27
8039	8060	8048	8033	8013	8028	8060	8055	8053	8086	11 00	8174	20 00	8013	161	28
8062	8055	8037	8049	8070	8061	8054	8072	8063	8073	10 56	8149	18 08	8034	115	29
8076	8077	8081	8085	8081	8084	8082	8082	8078	8084	11 07	8116	0 07	8061	55	30
8091	8091	8089	8090	8084	8090	8090	8092	8090	8097	11 12	8136	6 00	8076	60	31
8093	8091	8087	8086	8085	8084	8085	8087	8086	8097	----------	8141	----------	8073	68	--------
8106	8103	8100	8098	8097	8098	8094	8094	8096	8106	----------	8147	----------	8088	59	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1914.

30000 γ plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8093	8094	8100	8092	8097	8096	8106	8113	8121	8131	8136	8132	8126	8120	8102
2	8070	8057	8066	8071	8072	8080	8091	8098	8108	8111	8112	8114	8106	8097	8089
3	8078	8084	8083	8083	8085	8086	8088	8109	8123	8139	8146	8142	8137	8123	8084
4	8085	8079	8078	8078	8084	8091	8099	8102	8129	8146	8155	8158	8154	8103	8080
5	8064	8069	8080	8081	8081	8082	8079	8084	8095	8115	8123	8121	8115	8098	8102
6	8075	8074	8075	8078	8078	8082	8086	8089	8104	8124	8125	8117	8107	8092	8091
7	8091	8090	8088	8087	8090	8089	8096	8105	8118	8134	8142	8136	8132	8120	8106
8	8091	8090	3087	8084	8085	8081	8087	8102	8111	8127	8131	8128	8121	8110	8099
9 [a]	8092	8093	8093	8094	8097	8099	8101	8107	8119	8135	8148	8145	8133	8121	8109
10	8087	8087	8085	8085	8087	8090	8092	8104	8113	8125	8135	8131	8120	8109	8105
11	8101	8110	8113	8113	8112	8113	8115	8122	8131	8154	8176	8145	8144	8128	8114
12	8052	8070	8065	8065	8060	8061	8076	8084	8088	8098	8109	8102	8094	8089	8080
13	8080	8074	8076	8078	8077	8078	8079	8082	8092	8105	8107	8105	8099	8096	8092
14	8082	8080	8078	8082	8082	8083	8089	8096	8107	8120	8124	8118	8111	8096	8089
15	8074	8084	8088	8091	8081	8093	8085	8088	8094	8103	8115	8104	8093	8078	8072
16	8083	8079	8084	8088	8991	8090	8100	8108	8129	8141	8142	8133	8108	8104	8104
17	8093	8089	8089	8091	8087	8091	8093	8097	8108	8119	8131	8120	8111	8098	8095
18	8085	8101	8091	8088	8088	8083	8104	8114	8118	8128	8133	8129	8123	8107	8098
19	8087	8086	8085	8084	8086	8092	8107	8118	8131	8144	8139	8131	8116	8106	8104
20 [a]	8088	8088	8089	8089	8088	8093	8099	8108	8122	8138	8142	8139	8133	8122	8115
21 [a]	8096	8093	8092	8093	8095	8098	8106	8113	8126	8147	8160	8158	8148	8132	8121
22 [a]	8102	8101	8098	8097	8101	8102	8107	8118	8136	8148	8152	8147	8141	8132	8123
23 [a]	8092	8095	8097	8098	8100	8104	8113	8122	8131	8145	8151	8145	8135	8125	8115
24	8097	8098	8097	8097	8100	8103	8109	8116	8127	8142	8153	8153	8150	8139	8126
25	8090	8091	8090	8093	8096	8099	8106	8114	8118	8132	8140	8145	8143	8130	8125
26	8104	8107	8109	8108	8109	8108	8110	8114	8116	8129	8143	8146	8145	8133	8124
27	8098	8111	8101	8104	8105	8090	8095	8086	8089	8092	8108	8102	8095	8101	8088
28	8078	8080	8079	8077	8079	8081	8092	8094	8104	8118	8127	8125	8109	8096	8082
29	8088	8089	8091	8090	8089	8094	8099	8108	8110	8116	8127	8120	8114	8103	8088
30	8092	8095	8097	8095	8091	8097	8091	8104	8107	8115	8117	8113	8109	8104	8100
Mean	8086	8088	8088	8088	8089	8091	8097	8104	8114	8127	8135	8130	8122	8110	8101
Mean [a]	8094	8094	8094	8094	8096	8099	8105	8114	8127	8143	8151	8147	8138	8126	8117

DECEMBER, 1914.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8088	8084	8085	8084	8085	8091	8100	8100	8110	8128	8133	8125	8110	8103	8095
2 [a]	8087	8089	8091	8091	8088	8090	8093	8103	8112	8116	8120	8119	8116	8108	8100
3	8098	8094	8092	8093	8093	8095	8104	8110	8127	8140	8142	8135	8129	8124	8116
4	8098	8100	8099	8091	8086	8089	8106	8113	8124	8133	8136	8126	8113	8106	8102
5	8081	8085	8084	8085	8086	8092	8103	8115	8121	8138	8130	8132	8116	8109	8097
6	8089	8091	8089	8090	8095	8099	8101	8110	8127	8129	8134	8125	8109	8097	8091
7	8087	8085	8094	8090	8089	8091	8101	8112	8116	8124	8127	8128	8128	8107	8105
8	8091	8088	8083	8088	8086	8089	8099	8115	8115	8121	8127	8119	8114	8112	8097
9	8081	8081	8079	8078	8081	8079	8080	8085	8090	8099	8109	8101	8103	8101	8094
10	8080	8077	8076	8079	8086	8085	8082	8078	8089	8102	8113	8107	8097	8084	8076
11	8071	8075	8074	8073	8075	8080	8082	8087	8092	8101	8109	8104	8099	8094	8087
12	8080	8075	8078	8081	8086	8089	8094	8097	8100	8113	8116	8111	8110	8106	8096
13 [a]	8091	8086	8085	8089	8089	8091	8094	8102	8110	8119	8123	8121	8113	8103	8088
14	8080	8080	8082	8081	8083	8085	8087	8092	8095	8105	8112	8108	8097	8096	8088
15 [a]	8073	8074	8076	8077	8081	8082	8085	8086	8088	8092	8094	8099	8096	8092	8089
16	8088	8094	8097	8098	8100	8096	8104	8110	8116	8120	8132	8127	8118	8119	8114
17	8097	8094	8070	8084	8088	8087	8091	8104	8116	8128	8127	8118	8110	8109	8094
18	8073	8076	8077	8079	8080	8078	8077	8082	8087	8101	8107	8106	8103	8097	8094
19	8076	8079	8080	8078	8079	8080	8091	8103	8110	8119	8125	8128	8120	8112	8106
20	8087	8084	8089	8086	8085	8084	8086	8091	8094	8103	8105	8112	8112	8102	8089
21 [a]	8078	8080	8081	8079	8080	8083	8085	8091	8101	8120	8127	8126	8122	8106	8100
22	8090	8089	8089	8087	8089	8088	8090	8090	8100	8104	8113	8120	8115	8115	8105
23	8090	8083	8074	8074	8082	8082	8090	8095	8108	8129	8131	8128	8119	8110	8102
24	8090	8092	8093	8098	8099	8097	8099	8098	8110	8126	8132	8133	8128	8122	8114
25	8067	8071	8074	8081	8083	8095	8097	8096	8105	8111	8123	8110	8112	8098	8094
26 [a]	8079	8078	8078	8079	8080	8086	8091	8096	8107	8121	8129	8131	8125	8111	8099
27	8072	8073	8073	8074	8081	8086	8093	8100	8114	8133	8134	8134	8134	8122	8107
28	8077	8082	8083	8085	8085	8081	8091	8087	8093	8099	8098	8099	8092	8094	8083
29	8057	8076	8064	8058	8057	8065	8068	8075	8080	8089	8098	8100	8092	8082	8079
30	8069	8072	8072	8076	8079	8078	8082	8081	8083	8089	8098	8104	8102	8101	8095
31	8081	8081	8080	8075	8073	8080	8086	8091	8095	8106	8117	8113	8114	8106	8096
Mean	8082	8083	8082	8083	8084	8086	8091	8097	8104	8115	8120	8118	8112	8105	8097
Mean [a]	8082	8081	8082	8083	8084	8086	8090	8096	8104	8114	8119	8119	8114	8104	8095

[a] Five international quiet days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1914.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8094	8091	8093	8086	8083	8099	8073	8039	8050	8099	11 05	8138	22 50	8036	102	1
8077	8077	8076	8078	8084	8082	8079	8074	8071	8085	10 18	8116	1 45	8056	60	2
8077	8071	8081	8085	8076	8078	8067	8072	8090	8095	11 00	8146	21 55	8064	82	3
8080	8061	8061	8064	8055	8068	8064	8067	8068	8092	12 05	8159	18 42	8046	113	4
8091	8085	8084	8078	8077	8078	8078	8076	8076	8088	11 05	8124	0 25	8060	64	5
8092	8092	8091	8087	8087	8083	8081	8084	8091	8091	10 35	8128	0 45	8072	56	6
8096	8086	8079	8082	8085	8086	8089	8102	8091	8101	11 00	8142	18 15	8076	66	7
8090	8085	8089	8086	8085	8087	8085	8091	8092	8097	11 00	8131	6 00	8081	50	8
8102	8097	8094	8092	8091	8089	8089	8089	8088	8105	10 56	8149	24 00	8088	61	9
8109	8109	8106	8103	8099	8099	8097	8095	8099	8103	10 50	8136	3 10	8084	52	10
8095	8088	8086	8089	8080	8057	8031	8046	8058	8105	11 15	8179	21 33	8028	151	11
8078	8076	8068	8065	8075	8073	8070	8070	8082	8077	11 15	8110	0 55	8050	60	12
8090	8089	8086	8085	8085	8084	8084	8083	8082	8087	11 30	8109	2 00	8074	35	13
8083	8079	8072	8069	8058	8051	8050	8060	8068	8084	10 21	8127	20 40	8048	79	14
8076	8079	8079	8076	8074	8072	8070	8077	8086	8085	10 33	8117	22 00	8070	47	15
8105	8109	8107	8100	8094	8090	8093	8095	8095	8103	10 50	8145	2 00	8079	66	16
8095	8098	8095	8087	8086	8082	8096	8087	8085	8097	11 00	8131	21 00	8082	49	17
8092	8098	8095	8097	8099	8088	8088	8087	8092	8101	11 00	8133	6 00	8083	50	18
8103	8102	8098	8095	8091	8090	8090	8090	8089	8103	10 00	8144	1 25	8081	63	19
8111	8108	8104	8102	8101	8101	8099	8097	8094	8107	10 35	8143	1 30	8086	57	20
8115	8110	8103	8102	8100	8099	8096	8099	8097	8112	11 00	8160	3 00	8092	68	21
8116	8109	8106	8101	8100	8097	8097	8095	8094	8113	10 45	8153	24 00	8094	59	22
8109	8106	8104	8102	8100	8099	8098	8096	8097	8112	10 24	8152	1 00	8092	60	23
8119	8114	8112	8107	8102	8101	8096	8095	8093	8114	11 01	8154	24 00	8093	61	24
8119	8116	8115	8115	8115	8113	8111	8109	8106	8114	10 40	8146	1 10	8088	58	25
8122	8119	8118	8116	8107	8106	8100	8096	8099	8116	12 00	8146	22 33	8094	52	26
8088	8088	8083	8094	8083	8075	8078	8082	8079	8092	10 50	8116	21 45	8070	46	27
8076	8081	8085	8085	8085	8085	8085	8087	8088	8091	10 45	8129	4 10	8075	54	28
8081	8085	8084	8080	8088	8091	8095	8092	8097	8097	11 30	8129	18 55	8078	51	29
8098	8097	8092	8090	8087	8085	8095	8089	8094	8098	11 01	8118	21 30	8083	35	30
8096	8094	8092	8090	8088	8086	8084	8084	8086	8099	----------	8137	----------	8073	64	--------
8111	8106	8102	8100	8098	8097	8096	8095	8094	8110	----------	8151	----------	8090	61	--------

DECEMBER, 1914.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8097	8095	8092	8093	8090	8087	8085	8086	8088	8097	10 51	8135	2 20	8082	53	1
8098	8094	8094	8095	8096	8097	8097	8098	8099	8100	10 30	8122	0 20	8086	36	2
8114	8107	8104	8103	8103	8103	8102	8100	8101	8110	10 32	8144	1 28	8090	54	3
8095	8095	8097	8094	8088	8093	8090	8088	8082	8102	10 21	8137	23 35	8078	59	4
8095	8089	8090	8091	8091	8092	8092	8090	8089	8100	10 18	8140	1 00	8081	59	5
8091	8091	8089	8088	8085	8087	8085	8086	8085	8098	10 42	8135	19 20	8083	52	6
8100	8099	8105	8094	8103	8098	8104	8084	8096	8103	11 50	8132	23 00	8084	48	7
8088	8082	8086	8085	8080	8080	8078	8079	8079	8095	10 55	8128	22 00	8078	50	8
8087	8082	8081	8072	8076	8077	8076	8076	8078	8085	11 30	8110	19 54	9069	41	9
8077	8075	8070	8065	8065	8064	8063	8071	8078	8081	10 38	8116	20 36	8060	56	10
8080	8078	8074	8073	8077	8075	8073	8074	8072	8082	11 00	8109	1 00	8071	38	11
8091	8082	8072	8071	8071	8077	8080	8079	8085	8089	10 10	8118	18 42	8068	50	12
8083	8081	8082	8084	8085	8085	8083	8082	8083	8094	11 15	8124	16 40	8080	44	13
8086	8083	8082	8081	8080	8079	8078	3076	8073	8087	11 26	8114	24 00	8073	41	14
8082	8081	8081	8080	8083	8087	8090	8091	8090	8085	12 10	8101	0 20	8072	29	15
8102	8102	8102	8102	8103	8102	8108	8099	8097	8106	10 50	8133	1 00	8088	45	16
8079	8069	8062	8068	8060	8070	8071	8072	8074	8089	10 18	8130	20 15	8057	73	17
8090	8091	8085	8085	8081	8078	8077	8079	8080	8086	11 08	8109	1 00	8073	36	18
8101	8100	8096	8082	8085	8089	8094	8093	8092	8097	10 54	8132	1 00	8076	56	19
8085	8086	8087	8089	8086	8083	8081	8079	8076	8090	11 32	8114	24 00	8076	38	20
8091	8088	8086	8084	8085	8086	8087	8087	8088	8093	11 00	8127	0 01	8076	51	21
8103	8104	8105	8106	8102	8102	8100	8096	8094	8100	12 00	8120	4 00	8087	33	22
8096	8098	8098	8095	8091	8092	8090	8092	8090	8097	10 21	8133	3 08	8072	61	23
8111	8112	8110	8100	8091	8079	8069	8070	8068	8102	12 00	8133	24 00	8068	65	24
8089	8088	8086	8082	8078	8076	8074	8077	8078	8089	11 12	8126	0 05	8066	60	25
8092	8089	8088	8086	8084	8082	8081	8077	8075	8094	11 32	8132	24 00	8075	57	26
8095	8096	8096	8089	8090	8085	8082	8088	8079	8097	10 20	5136	1 00	8072	64	27
8075	8058	8063	8070	8067	8053	8054	8079	8068	8080	10 03	8101	21 30	8050	51	28
8074	8070	8066	8063	8062	8063	8065	8063	8066	8072	11 15	8105	1 05	8055	50	29
8088	8083	8084	8083	8082	8076	8081	8082	8082	8084	12 00	8104	0 01	8067	37	30
8085	8079	8079	8077	8074	8066	8065	8065	8065	8085	11 36	8125	21 21	8063	62	31
8091	8088	8087	8085	8084	8083	8082	8083	8082	8093	----------	8123	----------	8073	50	--------
8089	8087	8086	8086	8087	8087	8088	8087	8087	8093	----------	8121	----------	8078	43	--------

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1914.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1050	1050	1050	1047	1050	1047	1044	1044	(1039)	(1034)	(1026)	(1023)	(1025)	(1030)	1034
2	1050	1050	1050	1050	1052	1050	1047	1047	1037	1032	1027	1022	1030	1037	1040
3	1050	1050	1052	1052	1054	1052	1047	1042	1038	1031	1027	1023	1028	1033	1037
4	1052	1049	1046	1043	1039	1039	1033	1039	1036	1035	1027	1022	1025	1027	1035
5	1047	1046	1046	1043	1041	1038	1035	1037	1034	1034	1023	1010	1015	1028	1044
6	1052	1050	1047	1044	1043	1036	1034	1033	1032	1022	1017	1017	1017	1026	1037
7	1052	1052	1049	1048	1045	1042	1042	1041	1036	1028	1024	1019	1024	1030	1036
8	1044	1040	1037	1035	1034	1032	1031	1031	1028	1026	1029	1032	1035	1036	1042
9[a]	1041	1040	1037	1037	1037	1036	1036	1037	1033	1023	1011	1017	1024	1033	1033
10[a]	1033	1032	1029	1027	1026	1026	1026	1025	1017	1009	1006	1009	1022	1022	1020
11	1032	1031	1028	1028	1026	1026	1025	1024	1018	1006	0998	1005	1006	1011	1016
12	1027	1028	1028	1024	1030	1030	1025	1025	1025	1014	1004	1008	1018	1020	1025
13	1043	1042	1039	1036	1033	1030	1029	1029	1026	1017	1019	1029	1035	1039	1042
14	1050	1050	1048	1045	1042	1040	1038	1037	1034	1028	1020	1021	1024	1031	1038
15	1044	1043	1043	1040	1037	1036	1031	1034	1036	1029	1026	1021	1033	1047	1047
16	1048	1048	1045	1045	1045	1042	1038	1035	1030	1028	1023	1019	1025	1032	1043
17	1047	1047	1044	1041	1038	1037	1035	1037	1031	1025	1019	1021	1031	1038	1042
18	1046	1046	1044	1040	1037	1036	1036	1031	1027	1021	1014	1011	1023	1037	1046
19	1050	1050	1046	1046	1043	1042	1040	1036	1030	1022	1007	1006	1032	1040	1045
20	1054	1054	1051	1046	1046	1045	1042	1038	1035	1028	1006	1006	1025	1038	1044
21	1053	1053	1051	1048	1045	1044	1043	1043	1038	1030	1017	1021	1034	1038	1043
22	1057	1057	1054	1053	1053	1053	1050	1050	1049	1042	1023	1026	1030	1042	1053
23	1061	1059	1056	1055	1053	1052	1052	1052	1047	1040	1034	1022	1028	1037	1045
24[a]	1051	1050	1050	1048	1045	1042	1040	1041	1041	1038	1020	1017	1028	1038	1051
25[a]	1050	1050	1050	1045	1042	1041	1041	1041	1040	1038	1041	1042	1044	1041	1038
26[a]	1047	1046	1044	1040	1040	1039	1033	1030	1026	1023	1020	1023	1039	1044	1053
27	1055	1052	1049	1049	1048	1043	1042	1039	1036	1026	1023	1033	1039	1046	1055
28	1057	1055	1052	1051	1049	1048	1042	1038	1031	1024	1019	1022	1034	1045	1054
29	1060	1060	1057	1054	1053	1050	1048	1047	1044	1043	1046	1048	1054	1050	1053
30	1063	1060	1059	1059	1058	1053	1049	1045	1036	1030	1026	1032	1043	1055	1065
31	1069	1068	1065	1065	1064	1062	1058	1055	1052	1046	1045	1049	1056	1065	1074
Mean	1050	1049	1047	1045	1043	1042	1039	1038	1034	1028	1022	1022	1030	1037	1043
Mean[a]	1044	1044	1042	1039	1038	1037	1035	1035	1031	1026	1020	1022	1031	1036	1039

FEBRUARY, 1914.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	1077	1076	1076	1074	1071	1070	1066	1064	1054	1048	1044	1050	1057	1061	1064
2	1073	1071	1070	1070	1066	1063	1061	1061	1060	1057	1053	1047	1050	1056	1061
3	1060	1058	1057	1054	1053	1051	1050	1045	1040	1027	1023	1028	1034	1041	1047
4	1062	1063	1062	1060	1059	1052	1050	1047	1039	1036	1037	1034	1042	1047	1049
5	1052	1051	1049	1049	1046	1045	1045	1043	1043	1042	1038	1042	1042	1042	1051
6	1055	1054	1051	1048	1045	1042	1040	1038	1032	1028	1025	1031	1038	1042	1052
7	1063	1059	1059	1059	1054	1053	1047	1047	1046	1044	1047	1050	1051	1056	1060
8	1059	1055	1053	1052	1049	1048	1046	1042	1032	1028	1026	1026	1038	1048	1055
9	1057	1054	1052	1054	1051	1045	1044	1039	1035	1032	1029	1034	1041	1044	1044
10[a]	1062	1062	1062	1060	1058	1055	1054	1054	1051	1044	1044	1045	1052	1054	1055
11[a]	1060	1058	1056	1054	1051	1050	1047	1044	1038	1030	1031	1036	1040	1044	1051
12	1060	1060	1058	1055	1055	1053	1053	1050	1043	1040	1039	1042	1048	1055	1058
13	1045	1045	1044	1044	1042	1039	1035	1029	1022	1015	1011	1014	1018	1028	1038
14	1046	1044	1042	1040	1038	1037	1034	1025	1015	1007	1007	1008	1011	1017	1025
15	1033	1032	1030	1027	1027	1024	1023	1022	1013	1003	1003	1007	1019	1029	1039
16	1044	1041	1040	1037	1036	1033	1034	1034	1030	1023	1020	1020	1023	1032	1040
17	1050	1047	1045	1043	1040	1039	1037	1037	1030	1023	1016	1017	1022	1030	1037
18	1054	1052	1050	1047	1044	1041	1040	1040	1031	1020	1022	1027	1030	1037	1042
19	1062	1060	1057	1052	1050	1048	1043	1040	1033	1023	1028	1032	1036	1046	1053
20	1066	1065	1062	1057	1056	1053	1050	1041	1033	1024	1021	1023	1028	1034	1043
21[a]	1063	1060	1058	1055	1052	1049	1048	1047	1039	1029	1026	1031	1036	1041	1045
22	1063	1060	1958	1054	1052	1049	1048	1044	1040	1031	1030	1035	1037	1042	1049
23	1063	1060	1058	1057	1056	1053	1049	1045	1036	1029	1019	1021	1027	1036	1044
24	1066	1065	1063	1061	1057	1054	1052	1049	1041	1029	1025	1026	1034	1045	1054
25[a]	1065	1063	1062	1059	1057	1055	1050	1046	1041	1029	1024	1031	1038	1048	1051
26	1063	1062	1060	1059	1056	1054	1050	1049	1043	1037	1030	1026	1027	1033	1040
27	1045	1043	1042	1040	1039	1036	1033	1033	1029	1022	1018	1023	1030	1036	1042
28	1049	1047	1044	1041	1040	1040	1036	1030	1022	1016	1013	1017	1028	1034	1041
Mean	1058	1056	1054	1952	1050	1048	1045	1042	1036	1029	1027	1029	1535	1041	1048
Mean[a]	1065	1064	1063	1060	1058	1056	1053	1051	1045	1026	1034	1039	1045	1050	1053

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1914.

10000 γ plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1047	1052	1047	1044	1050	1052	1052	1050	1050	1043	16	55	1054	(12	00)	(1023)	31	1
1044	1050	1052	1052	1055	1052	1052	1050	1050	1045	20	00	1055	12	00	1022	33	2
1042	1046	1050	1052	1055	1054	1053	1053	1053	1045	20	00	1055	12	00	1023	32	3
1043	1048	1049	1052	1052	1052	1050	1050	1049	1041	0	01	1053	12	24	1021	32	4
1046	1054	1056	1057	1058	1057	1057	1057	1054	1042	22	25	1059	12	00	1010	49	5
1043	1050	1050	1052	1055	1055	1056	1055	1055	1041	22	00	1056	11	55	1016	40	6
1038	1042	1048	1049	1051	1052	1051	1048	1046	1041	20	55	1053	12	00	1019	34	7
1048	1048	1048	1049	1048	1048	1048	1045	1045	1039	19	00	1049	10	00	1026	23	8
1033	1033	1034	1036	1036	1034	1034	1036	1034	1033	0	5	1043	10	45	1010	33	9
1030	1033	1032	1033	1035	1036	1035	1033	1033	1026	21	00	1036	11	35	1005	31	10
1021	1021	1022	1022	1025	1029	1031	1031	1031	1021	0	01	1033	11	00	0998	35	11
1035	1040	1041	1043	1044	1044	1044	1045	1043	1030	23	00	1045	11	00	1004	41	12
1046	1049	1050	1050	1049	1055	1053	1052	1052	1039	21	00	1055	11	15	1015	40	13
1045	1045	1047	1047	1048	1050	1050	1048	1047	1041	0	01	1052	11	00	1020	32	14
1053	1053	1053	1054	1053	1054	1054	1051	1051	1043	19	05	1055	12	00	1021	34	15
1046	1048	1049	1050	1050	1052	1049	1048	1046	1041	21	00	1052	12	00	1019	33	16
1049	1049	1051	1052	1051	1052	1052	1051	1049	1041	20	25	1053	11	00	1019	34	17
1051	1051	1051	1054	1056	1056	1054	1054	1054	1041	20	45	1058	12	00	1011	47	18
1049	1050	1053	1053	1056	1057	1057	1056	1055	1043	20	06	1058	12	00	1006	52	19
1049	1051	1052	1054	1055	1056	1058	1055	1055	1033	22	00	1058	11	35	1004	54	20
1051	1058	1058	1057	1058	1060	1061	1060	1060	1047	22	00	1061	11	00	1017	44	21
1059	1064	1064	1066	1064	1064	1063	1063	1060	1052	19	00	1066	12	15	1020	46	22
1048	1049	1052	1055	1056	1055	1055	1053	1053	1049	1	00	1061	12	00	1022	39	23
1052	1052	1052	1054	1055	1055	1054	1054	1052	1045	19	57	1056	12	00	1017	39	24
1038	1044	1047	1050	1051	1052	1052	1052	1051	1045	20	06	1054	9	55	1037	17	25
1057	1060	1059	1059	1059	1057	1057	1056	1057	1044	17	00	1060	11	00	1020	40	26
1058	1058	1059	1059	1062	1060	1059	1059	1058	1049	20	00	1062	11	00	1023	39	27
1058	1059	1061	1061	1062	1061	1061	1059	1061	1048	20	00	1062	11	00	1019	43	28
1056	1060	1064	1066	1067	1069	1067	1067	1067	1056	21	00	1069	10	00	1043	26	29
1066	1066	1068	1069	1070	1072	1070	1070	1070	1056	21	00	1072	11	00	1026	46	30
1075	1075	1077	1078	1081	1078	1079	1079	1077	1066	20	00	1081	11	00	1045	36	31
1048	1050	1051	1053	1054	1054	1054	1053	1052	1043	-----	-----	1056	-----	-----	1019	37	--------
1042	1044	1045	1046	1047	1047	1046	1046	1045	1039	-----	-----	1050	-----	-----	1018	32	--------

FEBRUARY, 1914.

10000 γ plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1071	1078	1080	1078	1077	1077	1077	1077	1076	1068	18	00	1080	11	00	1044	86	1
1061	1058	1061	1061	1063	1064	1064	1063	1060	1061	1	00	1073	11	35	1045	28	2
1056	1060	1060	1061	1066	1066	1067	1067	1067	1052	22	47	1069	11	09	1021	48	3
1049	1049	1049	1052	1053	1053	1054	1054	1054	1050	1	45	1065	11	45	1033	32	4
1055	1055	1058	1059	1059	1061	1062	1061	1061	1050	22	00	1062	11	00	1038	24	5
1055	1055	1057	1060	1061	1063	1065	1068	1064	1049	23	00	1068	11	00	1025	43	6
1060	1060	1060	1062	1062	1062	1062	1060	1060	1056	0	09	1064	10	10	1043	21	7
1059	1059	1056	1058	1059	1059	1059	1058	1058	1049	16	40	1061	11	52	1023	38	8
1049	1054	1061	1062	1064	1062	1062	1064	1062	1050	22	56	1065	11	00	1029	36	9
1060	1060	1062	1064	1064	1064	1065	1065	1062	1057	22	28	1066	10	21	1043	23	10
1054	1058	1057	1061	1061	1064	1063	1064	1063	1051	21	08	1066	10	27	1029	37	11
1058	1056	1055	1055	1056	1055	1052	1049	1046	1052	1	12	1061	11	00	1039	22	12
1044	1044	1048	1049	1048	1049	1049	1048	1047	1037	21	08	1050	11	00	1011	39	13
1028	1030	1033	1035	1038	1038	1037	1034	1033	1029	0	01	1047	10	43	1006	41	14
1045	1046	1047	1046	1047	1050	1049	1047	1045	1031	20	51	1051	11	08	1000	51	15
1043	1046	1050	1052	1052	1053	1053	1053	1051	1039	21	08	1054	11	06	1019	35	16
1040	1049	1053	1055	1056	1056	1057	1056	1054	1041	22	35	1058	11	00	1016	42	17
1048	1054	1057	1058	1060	1063	1065	1064	1063	1046	23	08	1066	10	19	1018	48	18
1063	1065	1063	1068	1069	1071	1069	1067	1066	1053	21	00	1071	10	00	1023	48	19
1053	1056	1057	1061	1064	1064	1063	1067	1065	1050	23	02	1068	11	00	1021	47	20
1051	1054	1058	1062	1065	1068	1067	1065	1063	1051	21	00	1068	11	00	1026	42	21
1054	1056	1059	1061	1061	1061	1062	1063	1064	1051	19	44	1066	11	00	1030	36	22
1051	1057	1058	1063	1063	1064	1065	1066	1065	1050	23	00	1066	11	38	1017	49	23
1059	1056	1059	1060	1065	1065	1064	1065	1065	1053	1	00	1066	11	18	1023	43	24
1054	1057	1059	1061	1062	1064	1062	1063	1063	1053	1	00	1065	11	00	1024	41	25
1047	1049	1046	1047	1050	1049	1047	1046	1045	1046	1	00	1063	12	00	1026	37	26
1048	1050	1053	1055	1056	1053	1050	1051	1050	1041	20	00	1056	11	00	1018	38	27
1048	1053	1054	1055	1056	1059	1057	1056	1055	1041	21	04	1060	11	09	1012	48	28
1052	1054	1056	1058	1059	1060	1060	1059	1058	1048	-----	-----	1063	-----	-----	1025	38	--------
1058	1061	1063	1065	1066	1067	1067	1067	1065	1056	-----	-----	1069	-----	-----	1033	36	--------

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1914.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1053	1053	1051	1050	1049	1048	1047	1046	1040	1034	1029	1030	1033	1040	1047
2	1056	1055	1054	1052	1051	1050	1047	1044	1039	1033	1037	1041	1044	1048	1049
3	1050	1047	1045	1044	1043	1040	1039	1034	1026	1023	1019	1021	1030	1041	1051
4	1059	1056	1054	1052	1049	1048	1047	1045	1037	1033	1026	1029	1030	1036	1048
5 [a]	1061	1059	1056	1054	1052	1050	1049	1047	1043	1036	1030	1032	1033	1042	1050
6	1056	1056	1055	1054	1053	1053	1054	1052	1044	1039	1031	1029	1032	1040	1046
7	1055	1054	1051	1049	1048	1047	1046	1045	1042	1033	1029	1025	1023	1033	1040
8	1055	1055	1055	1054	1052	1050	1049	1047	1043	1037	1033	1032	1029	1035	1043
9	1054	1053	1052	1050	1047	1045	1042	1041	1035	1031	1025	1025	1030	1037	1047
10	1052	1051	1049	1048	1045	1043	1042	1038	1032	1028	1020	1022	1024	1032	1038
11	1052	1051	1048	1047	1042	1040	1039	1036	1027	1018	1012	1014	1018	1026	1036
12	1040	1038	1035	1033	1030	1027	1022	1015	1008	999	995	992	998	1012	1028
13	1043	1041	1040	1041	1038	1037	1034	1031	1020	1013	1010	1015	1016	1025	1033
14	1046	1048	1046	1045	1044	1039	1041	1036	1028	1015	1011	1012	1015	1020	1031
15	1047	1045	1044	1044	1043	1042	1043	1041	1033	1023	1016	1017	1020	1029	1034
16	1038	1037	1036	1034	1035	1033	1032	1028	1021	1016	1015	1012	1015	1021	1031
17	1040	1039	1038	1037	1036	1035	1034	1031	1025	1018	1011	1012	1016	1022	1026
18	1039	1036	1035	1033	1028	1027	1024	1022	1014	1008	1006	1002	1005	1011	1020
19	1029	1028	1027	1024	1023	1020	1021	1020	1016	1008	1001	1008	1011	1018	1030
20	1029	1027	1025	1023	1020	1017	1016	1009	1001	992	994	991	998	1008	1019
21	1034	1031	1033	1030	1027	1024	1020	1013	1006	999	997	996	1002	1016	1027
22 [a]	1038	1035	1033	1032	1026	1023	1021	1017	1011	1008	998	1000	1007	1015	1024
23	1036	1034	1033	1031	1027	1023	1021	1020	1017	1013	1004	1002	1003	1015	1023
24	1036	1035	1032	1029	1025	1023	1022	1019	1012	1008	1001	1003	1005	1015	1025
25	1037	1037	1035	1033	1031	1029	1028	1029	1025	1022	1012	1006	1010	1020	1030
26	1042	1040	1039	1036	1035	1032	1028	1022	1012	1005	999	998	1007	1021	1031
27	1038	1038	1037	1036	1034	1032	1031	1030	1018	1010	1003	1006	1010	1026	1036
28 [a]	1037	1037	1037	1037	1036	1034	1033	1033	1020	1006	1000	1002	1012	1023	1032
29 [a]	1044	1045	1045	1042	1039	1038	1036	1034	1024	1018	1006	999	1009	1019	1031
30 [a]	1043	1044	1044	1044	1043	1042	1040	1037	(1026)	(1015)	(1004)	(1008)	(1014)	(1024)	(1035)
31	1045	1045	1044	1043	1042	1040	1042	1041	1033	1023	1018	1011	1015	1028	1038
Mean	1045	1044	1042	1041	1038	1036	1035	1032	1025	1018	1013	1013	1017	1026	1035
Mean [a]	1045	1044	1043	1042	1039	1037	1036	1034	1025	1017	1008	1008	1015	1025	1034

APRIL, 1914.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1048	1047	1046	1045	1044	1041	1038	1032	1024	1021	1018	1017	1018	1022	1034
2	1054	1052	1051	1050	1049	1048	1047	1047	1041	1037	1032	1028	1031	1037	1044
3	1054	1054	1054	1055	1053	1052	1051	1050	1045	1038	1031	1031	1035	1040	1051
4	1053	1055	1053	1054	1052	1051	1052	1050	1042	1035	1028	1031	1034	1041	1048
5	1053	1054	1053	1052	1051	1050	1045	1043	1037	1034	1029	1030	1036	1043	1049
6	1047	1046	1046	1045	1044	1040	1043	1044	1039	1036	1024	1022	1026	1027	1033
7	1046	1050	1052	1042	1044	1036	1039	1034	1030	1033	1020	1019	1030	1032	1036
8	1049	1050	1047	1046	1043	1040	1043	1040	1030	1023	1029	1026	1036	1042	1043
9	1047	1046	1045	1044	1044	1045	1040	1030	1017	1016	1015	1016	1021	1031	1037
10	1044	1043	1043	1044	1043	1044	1043	1037	1031	1025	1020	1025	1030	1037	1043
11	1045	1045	1044	1044	1043	1041	1043	1038	1034	1024	1018	1020	1024	1033	1040
12 [a]	1050	1050	1047	1045	1045	1047	1044	1040	1025	1010	1001	1010	1014	1028	1037
13	1053	1052	1051	1052	1051	1050	1051	1043	1040	1030	1024	1024	1030	1041	1050
14	1054	1050	1051	1049	1048	1045	1044	1035	1022	1014	1002	1002	1014	1026	1035
15 [a]	1051	1050	1049	1048	1047	1048	1046	1039	1031	1026	1025	1026	1034	1044	1046
16	1042	1041	1041	1039	1036	1035	1036	1031	1021	1014	1006	1006	1018	1026	1035
17	1039	1038	1035	1034	1033	1032	1031	1024	1019	1015	1009	1006	1012	1025	1032
18	1041	1042	1041	1040	1037	1035	1031	1026	1018	1011	1008	1014	1024	1028	1034
19	1036	1035	1034	1033	1030	1031	1023	1018	1011	1007	1007	1018	1025	1034	1040
20	1040	1038	1036	1034	1032	1031	1020	1007	1003	1000	1005	1014	1024	1031	1035
21	1037	1037	1035	1034	1033	1031	1025	1018	1011	1003	1003	1010	1018	1028	1037
22	1040	1041	1038	1035	1033	1031	1030	1025	1018	1010	1008	1011	1024	1028	1037
23	1040	1040	1039	1038	1034	1031	1030	1028	1021	1015	1016	1015	1020	1028	1037
24	1045	1044	1042	1041	1040	1039	1038	1034	1028	1018	1014	1018	1023	1030	1033
25	1046	1048	1045	1043	1042	1040	1039	1030	1022	1016	1016	1022	1024	1033	1043
26 [a]	1047	1046	1045	1044	1042	1043	1042	1037	1027	1016	(1012)	(1015)	(1024)	1033	1040
27	1046	1046	1045	1044	1043	1042	1041	1039	1029	1022	1012	1015	1019	1032	-------
28	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
29 [a]	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
30 [a]	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Mean	1046	1046	1045	1043	1042	1041	1039	1034	1027	1020	1016	1018	1025	1033	1040
Mean [a]	1049	1049	1047	1046	1045	1046	1044	1039	1028	1017	1013	1017	1024	1035	1041

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1914.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1051	1052	1053	1054	1055	1055	1054	1055	1056	1047	23	41	1058	11	00	1029	29	1
1050	1051	1052	1054	1052	1051	1051	1051	1051	1048	1	00	1056	10	00	1033	23	2
1056	1059	1060	1061	1062	1063	1062	1062	1061	1046	21	00	1063	11	00	1019	44	3
1054	1058	1060	1061	1061	1062	1064	1062	1062	1050	22	00	1064	11	00	1026	38	4
1054	1056	1057	1058	1060	1059	1059	1058	1056	1050	1	00	1061	11	00	1030	31	5
1049	1050	1052	1054	1056	1057	1056	1054	1056	1049	23	49	1059	12	00	1029	30	6
1050	1051	1051	1052	1053	1054	1055	1055	1056	1046	0	34	1057	13	00	1023	34	7
1050	1051	1052	1053	1055	1054	1055	1056	1055	1048	23	00	1056	13	00	1029	27	8
1049	1050	1050	1050	1051	1052	1053	1055	1053	1045	23	00	1055	11	38	1024	31	9
1045	1047	1048	1049	1050	1051	1052	1055	1054	1042	23	26	1057	11	00	1020	37	10
1038	1040	1041	1040	1040	1041	1040	1040	1040	1036	1	00	1052	11	36	1011	41	11
1032	1034	1037	1038	1039	1040	1040	1040	1042	1026	24	00	1042	12	00	992	50	12
1036	1040	1041	1042	1042	1043	1044	1044	1045	1034	24	00	1045	11	00	1010	35	13
1035	1037	1038	1040	1042	1043	1044	1045	1045	1035	2	00	1048	11	00	1011	37	14
1037	1038	1038	1035	1035	1036	1036	1037	1038	1035	1	00	1047	10	55	1015	32	15
1034	1038	1040	1041	1042	1041	1041	1041	1040	1032	20	00	1042	12	15	1011	31	16
1034	1035	1038	1039	1039	1040	1041	1040	1040	1032	22	00	1041	11	00	1011	30	17
1023	1027	1029	1030	1031	1032	1031	1030	1029	1024	1	00	1039	12	00	1002	37	18
1028	1031	1030	1032	1031	1030	1031	1030	1029	1023	19	00	1032	11	00	1001	31	19
1025	1026	1027	1030	1031	1035	1034	1034	1034	1019	23	16	1036	12	00	991	45	20
1033	1034	1035	1036	1037	1038	1037	1036	1036	1024	21	00	1038	12	00	996	42	21
1028	1030	1032	1035	1036	1036	1037	1036	1036	1025	1	00	1038	11	00	998	40	22
1026	1030	1033	1036	1038	1039	1038	1037	1038	1026	21	00	1039	11	34	1001	38	23
1035	1036	1037	1036	1035	1036	1036	1036	1036	1026	18	00	1037	11	00	1001	36	24
1032	1033	1036	1040	1039	1039	1041	1042	1043	1030	24	00	1043	12	00	1006	37	25
1034	1035	1038	1039	1039	1040	1041	1043	1041	1029	23	00	1043	12	00	998	45	26
1038	1037	1037	1038	1040	1039	1038	1038	1037	1030	20	00	1040	11	00	1003	37	27
1036	1040	1038	1040	1042	1042	1043	1044	1045	1031	24	00	1045	11	00	1000	45	28
1037	1038	1039	1040	1041	1044	1045	1044	1043	1033	2	39	1046	11	50	998	48	29
(1041)	(1042)	(1043)	(1044)	(1044)	1044	1045	1044	1043	(1036)	22	00	1045	11	00	(1004)	(41)	30
1041	1046	1045	1046	1046	1047	1048	1049	1049	1039	22	40	1050	12	00	1011	39	31
1039	1041	1042	1043	1044	1045	1045	1045	1045	1035	----------		1048	----------		1011	37	--------
1039	1041	1042	1043	1045	1045	1046	1045	1045	1035	----------		1047	----------		1006	41	--------

APRIL, 1914.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1042	1044	1045	1047	1048	1050	1051	1055	1052	1039	22	40	1057	11	35	1016	41	1
1046	1047	1048	1050	1051	1052	1053	1054	1053	1046	23	36	1058	12	00	1028	30	2
1057	1054	1051	1050	1052	1053	1054	1055	1055	1049	16	00	1057	11	18	1030	27	3
1054	1052	1051	1052	1051	1050	1051	1051	1052	1048	2	00	1055	11	00	1028	27	4
1050	1048	1047	1046	1046	1046	1047	1047	1047	1045	2	00	1054	11	00	1029	25	5
1047	1040	1050	1044	1042	1052	1050	1049	1044	1041	23	28	1060	12	05	1020	40	6
1038	1040	1042	1046	1044	1046	1047	1046	1047	1039	2	14	1055	11	23	1012	43	7
1043	1044	1043	1044	1046	1044	1047	1046	1047	1041	1	56	1052	10	33	1020	32	8
1040	1041	1044	1047	1048	1050	1048	1047	1045	1038	21	00	1050	11	00	1015	35	9
1045	1047	1045	1045	1045	1047	1050	1047	1045	1040	22	00	1050	11	00	1020	30	10
1045	1050	1047	1047	1048	1049	1050	1050	1050	1040	21	21	1051	11	00	1018	33	11
1045	1048	1049	1050	1050	1051	1051	1051	1051	1039	21	09	1052	11	00	1001	51	12
1051	1052	1050	1048	1049	1050	1051	1052	1053	1046	22	12	1054	11	23	1021	33	13
1044	1045	1044	1044	1045	1046	1048	1050	1049	1038	1	00	1054	11	36	1000	54	14
1049	1048	1045	1044	1045	1046	1045	1043	1042	1042	1	00	1051	11	00	1025	26	15
1038	1039	1039	1039	1040	1042	1043	1046	1040	1033	23	03	1048	11	22	1001	47	16
1038	1039	1040	1041	1041	1042	1041	1041	1041	1031	21	00	1042	11	42	1005	37	17
1038	1036	1036	1037	1037	1037	1038	1037	1037	1032	2	00	1042	11	00	1008	34	18
1041	1038	1035	1037	1039	1040	1040	1040	1040	1030	16	12	1042	10	32	1002	40	19
1037	1038	1036	1036	1037	1037	1038	1037	1037	1028	0	32	1041	10	00	1000	41	20
1040	1041	1039	1038	1040	1039	1038	1039	1040	1030	17	00	1041	11	12	1002	39	21
1038	1040	1038	1040	1040	1040	1040	1040	1040	1032	2	00	1041	11	00	1008	33	22
1043	1044	1043	1043	1043	1042	1042	1044	1045	1034	24	00	1045	11	12	1014	31	23
1039	1038	1038	1039	1041	1041	1043	1044	1047	1036	24	00	1047	11	00	1014	33	24
1044	1043	1041	1040	1039	1042	1043	1046	1046	1037	2	04	1049	10	43	1015	34	25
1048	1042	1040	1042	1042	1042	1042	1043	1046	1037	1	00	1047	11	00	1012	35	26
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1044	1044	1043	1044	1044	1045	1046	1046	1046	1038	----------		1050	----------		1014	36	--------
1046	1046	1045	1045	1046	1046	1046	1046	1046	1039	----------		1050	----------		1013	37	--------

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1914.

10000γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1051	1050	1049	1048	1046	1043	1041	1034	1026	1018	1008	1011	1018	1034	1049
2	1062	1062	1061	1059	1056	1054	1051	1048	1043	1036	1034	1035	1040	1052	1058
3	1077	1075	1073	1071	1069	1067	1066	1065	--------	--------	--------	--------	--------	--------	--------
4	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
5	1079	1077	1075	1074	1074	1072	1070	1060	1048	1044	1041	1050	1058	1066	1076
6	1082	1081	1080	1079	1078	1077	1073	1061	1053	1051	1052	1053	1059	1062	1071
7	1092	1089	1086	1085	1083	1082	1081	1072	1062	1054	1054	1059	1066	1074	1084
8	1093	1092	1090	1089	1086	1085	1084	1076	1069	1061	1056	1059	1066	1071	1081
9[a]	1095	1094	1092	1090	1086	1084	1083	1082	1081	1079	1074	1071	1073	1077	1089
10[a]	1100	1099	1097	1096	1095	1094	1092	1084	1072	1062	1056	1049	1056	1059	1073
11	1094	1093	1092	1090	1088	1089	1085	1081	1067	1066	1059	1059	1059	1061	1071
12	1088	1087	1086	1083	1081	1082	1072	1067	1054	1048	1039	1041	1052	1059	1066
13	1083	1082	1081	1079	1076	1072	1067	1059	1054	1044	1039	1041	1049	1062	1074
14[a]	1087	1086	1084	1082	1081	1082	1079	1069	1064	1054	1049	1048	1052	1062	1074
15	1090	1089	1088	1087	1087	1086	1082	1077	1067	1064	1061	1064	1066	1077	1084
16	1099	1098	1097	1095	1092	1084	1074	1066	1054	1051	1049	1054	1061	1066	1074
17	1091	1090	1088	1085	1083	1082	1077	1072	1062	1060	1063	1067	1075	1082	1080
18	1093	1092	1090	1088	1085	1082	1078	1075	1070	1067	1065	1067	1070	1072	1075
19[a]	1080	1078	1075	1074	1073	1072	1067	1062	1057	1052	1049	1050	1053	.1065	1078
20[a]	1091	1090	1089	1088	1087	1085	1072	1060	1055	1057	1060	1060	1070	1078	1083
21	1086	1084	1080	1078	1076	1074	1066	1060	1050	1045	1046	1058	1063	1067	1068
22	1074	1072	1068	1066	1064	1062	1057	1055	1049	1039	1037	1046	1051	1059	1069
23	1077	1076	1075	1072	1070	1068	1064	1059	1051	1046	1038	1047	1062	1067	1074
24	1088	1087	1085	1083	1079	1078	1075	1070	1060	1058	1062	1065	1071	1072	1075
25	1084	1080	1078	1076	1073	1069	1068	1059	1050	1038	1035	1041	1046	1059	1069
26	1081	1079	1077	1080	1078	1077	1074	1067	1051	1047	1046	1049	1056	1062	1067
27	1078	1074	1073	1065	1067	1070	1067	1057	1040	1032	1034	1045	1053	1063	1070
28	1069	1064	1061	1058	1057	1057	1060	1050	1030	1014	1005	1017	1025	1030	1043
29	1064	1062	1060	1057	1055	1058	1052	1042	1031	1022	1021	1020	1029	1034	1045
30	1040	1038	1037	1036	1036	1038	1025	1015	1004	999	996	997	1002	1015	1032
31	1042	1041	1039	1038	1036	1035	1034	1025	1014	1004	997	1000	1009	1019	1032
Mean	1080	1079	1077	1075	1073	1072	1068	1061	1051	1045	1042	1046	1052	1060	1068
Mean[a]	1091	1089	1087	1086	1084	1083	1079	1071	1066	1061	1058	1056	1061	1068	1079

JUNE, 1914.

10000γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1042	1038	1037	1030	1027	1027	1017	1014	1012	989	1005	1000	994	992	987
2	1026	1023	1021	1020	1020	1018	1015	1014	1004	995	987	979	982	990	993
3	999	1001	999	999	998	999	992	989	983	980	977	973	976	979	985
4	991	991	990	991	991	990	990	991	990	987	988	988	988	990	996
5	1008	1006	1006	1003	1002	1000	997	996	994	988	990	990	993	997	1002
6	1019	1017	1019	1017	1016	1012	1006	1003	997	1001	1001	1006	1014	1023	1026
7	1030	1029	1029	1027	1026	1024	1015	1004	995	988	988	998	1004	1017	1032
8	1044	1043	1041	1038	1037	1036	1033	1030	1024	1012	1005	1008	1012	1021	1031
9	1047	1044	1039	1039	1037	1035	1031	1028	1026	1016	1016	1022	1025	1029	1034
10	1057	1054	1049	1049	1049	1049	1043	1038	1033	1024	1020	1023	1029	1036	1043
11	1063	1061	1060	1058	1058	1057	1052	1045	1035	1027	1020	1024	1033	1037	1044
12[a]	1063	1060	1060	1059	1057	1059	1057	1051	1037	1025	1020	1025	1032	1040	1044
13[a]	1063	1063	1060	1057	1052	1054	1054	1045	1035	1027	1021	1023	1034	·1039	1046
14	1063	1062	1060	1056	1054	1053	1048	1047	1040	1032	1026	1022	1032	1040	1050
15	1063	1063	1060	1057	1054	1054	1054	1052	1044	1036	1032	1038	1045	1054	1063
16[a]	1074	1073	1071	1070	1070	1068	1058	1047	1043	1032	1031	1032	1042	1051	1057
17[a]	1057	1055	1052	1051	1050	1050	1044	1036	1028	1022	1017	1022	1026	1033	1041
18	1059	1056	1053	1052	1052	1048	1043	1042	1040	1032	1028	1027	1030	1035	1038
19	1052	1049	1046	1046	1046	1045	1041	1035	1025	1012	1006	999	1010	1017	1022
20	1018	1016	1015	1013	1017	1019	1017	1009	1007	999	995	995	997	1000	1012
21	1022	1019	1018	1019	1919	1021	1019	1008	990	977	962	967	983	993	1005
22	1029	1028	1028	1028	1028	1026	1022	1015	1006	1000	1000	1000	1009	1018	1020
23[a]	1041	1038	1038	1035	1036	1036	1035	1032	1023	1013	1011	1008	1019	1023	1029
24	1047	1046	1043	1042	1040	1037	1036	1025	1020	1018	1012	1017	1021	1024	1028
25	1046	1046	1044	1041	1040	1040	1034	1022	1013	1010	1009	1006	1015	1022	1029
26	1046	1046	1041	1041	1038	1041	1038	1030	1025	1020	1020	1021	1028	1033	1039
27	1041	1039	1041	1038	1033	1032	1027	1020	1019	1019	1016	1023	1019	1025	1025
28	1049	1048	1043	1042	1040	1043	1046	1038	1034	1025	1013	1016	1016	1022	1019
29	1049	1046	1046	1044	1043	1044	1046	1041	1024	1015	1002	1002	1008	1017	1022
30	1026	1024	1023	1023	1023	1023	1024	1021	1019	1006	999	1000	1006	1009	1009
Mean	1041	1039	1038	1036	1035	1035	1031	1026	1019	1011	1007	1008	1014	1020	1026
Mean[a]	1060	1058	1056	1054	1053	1053	1050	1042	1033	1024	1020	1022	1031	1037	1043

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1914.

10000γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1061	1067	1066	1065	1064	1064	1063	1063	1062	1046	17 00	1067	11 00	1008	59	1
1066	1071	1073	1074	1076	1077	1079	1078	1077	1059	22 00	1079	11 00	1034	45	2
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1084	1082	1080	1081	1082	1082	1081	1080	1079	--------	--------	--------	--------	--------	--------	4
1081	1084	1083	1082	1082	1081	1082	1081	1082	1071	17 00	1084	11 00	1041	43	5
1079	1082	1084	1086	1087	1088	1089	1089	1090	1074	24 00	1090	10 35	1050	40	6
1086	1087	1089	1092	1094	1093	1093	1093	1093	1081	20 05	1095	10 20	1052	43	7
1089	1093	1094	1095	1096	1095	1094	1095	1094	1083	20 00	1096	11 00	1056	40	8
1094	1102	1100	1101	1101	1101	1101	1101	1101	1090	17 00	1102	12 00	1071	31	9
1086	1089	1093	1097	1096	1095	1093	1094	1093	1084	1 00	1100	12 00	1049	51	10
1079	1089	1088	1089	1090	1089	1090	1088	1090	1081	1 00	1094	11 28	1058	36	11
1076	1081	1082	1085	1084	1084	1085	1084	1084	1073	1 00	1088	11 45	1038	50	12
1079	1086	1089	1089	1090	1091	1090	1089	1089	1073	21 00	1091	11 20	1037	54	13
1081	1087	1088	1089	1090	1092	1091	1090	1091	1077	21 00	1092	11 42	1046	46	14
1090	1094	1097	1099	1100	1101	1102	1101	1100	1086	22 00	1102	11 00	1061	41	15
1079	1082	1087	1089	1090	1090	1089	1090	1090	1079	1 00	1099	10 27	1048	51	16
1083	1089	1091	1091	1091	1091	1092	1092	1092	1082	23 47	1094	10 00	1060	34	17
1082	1085	1087	1088	1088	1087	1086	1083	1082	1081	1 00	1093	11 10	1064	29	18
1087	1091	1093	1095	1096	1095	1095	1094	1091	1076	20 00	1096	11 00	1049	47	19
1085	1088	1093	1091	1089	1088	1087	1086	1087	1080	18 00	1093	9 20	1054	39	20
1069	1073	1074	1076	1075	1075	1074	1074	1073	1069	1 00	1086	10 21	1044	42	21
1072	1073	1074	1075	1077	1079	1078	1078	1077	1065	21 00	1079	11 00	1037	42	22
1076	1082	1084	1086	1087	1089	1088	1087	1086	1071	21 00	1089	11 00	1038	51	23
1078	1084	1083	1086	1087	1086	1087	1087	1087	1078	1 00	1088	10 00	1058	30	24
1073	1076	1079	1084	1085	1086	1085	1084	1083	1069	21 22	1087	11 00	1035	52	25
1074	1078	1079	1079	1078	1077	1080	1078	1080	1071	4 06	1082	11 00	1046	36	26
1073	1078	1077	1078	1076	1075	1074	1073	1071	1065	19 04	1079	10 06	1030	49	27
1060	1071	1069	1070	1071	1070	1068	1067	1065	1052	19 50	1072	11 00	1005	67	28
1048	1052	1051	1050	1048	1047	1046	1045	1042	1045	1 00	1064	12 00	1020	44	29
1038	1041	1043	1044	1045	1044	1044	1043	1042	1029	20 00	1045	11 00	996	49	30
1040	1042	1042	1043	1043	1043	1041	1039	1038	1031	21 34	1045	11 00	997	48	31
1075	1079	1080	1082	1082	1082	1082	1081	1080	1070	----------	1085	----------	1041	44	--------
1087	1091	1093	1095	1094	1094	1093	1093	1093	1081	----------	1097	----------	1054	43	--------

JUNE, 1914.

10000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
992	1002	1007	1010	1014	1016	1017	1019	1022	1013	1 00	1042	15 00	987	55	1
999	1005	1008	1005	999	999	999	999	999	1004	1 00	1026	15 40	977	49	2
987	989	993	992	992	990	990	990	990	989	2 00	1001	12 00	973	28	3
997	997	1000	1005	1006	1008	1008	1009	1009	995	23 30	1012	10 00	987	25	4
1005	1009	1012	1015	1016	1016	1018	1019	1019	1004	23 36	1022	10 20	986	36	5
1029	1028	1025	1028	1031	1031	1029	1029	1031	1018	20 06	1032	9 24	994	38	6
1040	1040	1042	1043	1043	1043	1046	1046	1046	1025	22 42	1047	10 24	985	62	7
1044	1047	1047	1053	1053	1050	1049	1049	1046	1036	18 55	1054	11 15	1004	50	8
1042	1048	1054	1056	1057	1057	1057	1057	1056	1040	20 54	1058	10 25	1014	44	9
1049	1058	1060	1060	1061	1064	1063	1064	1063	1047	23 06	1065	11 00	1020	45	10
1049	1055	1056	1062	1064	1062	1062	1064	1064	1050	19 25	1066	11 00	1020	46	11
1053	1057	1063	1066	1066	1066	1065	1065	1063	1052	18 55	1067	11 00	1020	47	12
1058	1064	1067	1068	1068	1067	1065	1064	1062	1052	18 50	1069	11 18	1020	49	13
1054	1062	1063	1065	1068	1065	1063	1063	1063	1052	20 00	1068	11 30	1021	47	14
1070	1073	1074	1074	1076	1077	1074	1074	1073	1060	21 00	1077	11 27	1030	47	15
1058	1061	1059	1059	1061	1062	1062	1062	1060	1057	1 00	1074	10 32	1030	44	16
1048	1051	1055	1058	1060	1060	1060	1061	1060	1046	23 00	1061	11 00	1017	44	17
1049	1051	1053	1054	1054	1054	1053	1053	1051	1046	0 01	1060	11 03	1026	34	18
1032	1032	1025	1024	1024	1024	1023	1021	1020	1028	1 00	1052	12 12	997	55	19
1019	1022	1023	1025	1022	1023	1024	1024	1024	1014	19 03	1027	11 09	993	34	20
1014	1022	1022	1024	1025	1027	1028	1028	1028	1010	23 30	1030	11 00	962	68	21
1031	1038	1042	1042	1042	1042	1042	1041	1040	1026	18 57	1044	10 09	998	46	22
1030	1036	1041	1042	1044	1045	1045	1045	1045	1033	21 03	1046	11 40	1007	39	23
1039	1043	1044	1047	1049	1047	1047	1046	1046	1036	20 00	1049	11 00	1012	37	24
1038	1044	1046	1047	1046	1044	1043	1044	1046	1034	20 33	1048	11 54	1004	44	25
1046	1047	1046	1047	1048	1048	1048	1047	1043	1039	20 03	1050	11 36	1019	31	26
1036	1045	1047	1048	1048	1048	1050	1048	1048	1035	22 00	1050	10 36	1014	36	27
1029	1035	1038	1042	1046	1048	1051	1051	1049	1037	22 06	1052	11 00	1013	39	28
1029	1035	1032	1031	1029	1028	1028	1026	1026	1030	1 00	1049	11 09	1001	48	29
1013	1017	1020	1023	1024	1026	1026	1029	1027	1018	23 00	1029	11 12	997	32	30
1033	1037	1039	1040	1041	1041	1041	1041	1041	1031	----------	1047	----------	1004	43	--------
1049	1054	1057	1059	1060	1060	1059	1059	1058	1048	----------	1063	----------	1019	44	--------

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1914. 10000γ plus tabular quantities.

Day	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1027	1027	1025	1025	1022	1022	1019	1013	1006	999	987	991	1003	1012	1018
2[a]	1021	1018	1018	1018	1016	1016	1016	1015	1008	999	994	999	1006	1012	1019
3	1035	1034	1031	1029	1029	1028	1028	1028	1025	1014	1009	1009	1013	1016	1023
4	1027	1027	1024	1024	1024	1026	1020	1018	1014	1004	999	998	1005	1013	1014
5	1019	1018	1016	1015	1013	1013	1006	1000	997	995	997	984	994	997	1003
6	1013	1010	1008	1007	1005	1004	1004	1001	995	982	988	983	994	1002	1004
7	1003	1005	1002	1003	1006	1005	997	986	978	972	967	964	968	978	983
8[a]	1000	1000	1000	998	1000	1000	997	993	990	985	984	981	979	982	996
9	1010	1010	1008	1008	1008	1010	1005	1001	995	985	980	983	983	989	994
10	1014	1012	1011	1009	1009	1009	1005	993	981	977	981	989	999	1000	1002
11	1018	1021	1019	1018	1019	1021	1019	1013	1007	996	981	982	990	993	994
12	1014	1014	1013	1011	1013	1014	1008	1007	1002	989	979	983	988	998	1001
13[a]	1014	1012	1012	1011	1011	1008	1006	1002	1001	998	992	984	987	992	999
14	1016	1016	1015	1015	1015	1013	1009	1006	996	982	977	975	977	984	985
15	1003	1003	1001	1003	1003	1003	998	992							
16	1002	1000	999	997	999	997	996	994	993	988	993	991	993	997	1009
17[a]	1017	1016	1014	1011	1013	1016	1011	1010	1003	995	991	988	991	998	1001
18	1017	1018	1017	1012	1012	1015	1012	1008	1001	993	989	983	987	986	998
19[a]	1028	1027	1024	1021	1021	1021	1019	1016	1012	1009	1005	1003	1003	1005	1012
20	1025	1025	1020	1020	1020	1020	1017	1010	1004	1007	1007	1009	1014	1022	1029
21	1036	1035	1033	1033	1032	1027	1021	1015	1005	1002	998	1004	1015	1015	1023
22	1022	1021	1021	1021	1021	1021	1019	1011	1006	1000	996	997	1005	1008	1014
23	1031	1029	1029	1025	1022	1020	1016	1009	994	995	998	1006	1006	1007	1015
24	1021	1021	1017	1018	1018	1017	1010	998	988	983	980	988	998	1008	1013
25	1018	1017	1017	1015	1017	1018	1018	1006	999	989	975	972	977	989	1017
26	1016	1015	1015	1013	1012	1016	1007	1000	993	987	976	978	993	1000	1006
27	1014	1013	1013	1011	1013	1019	1014	1004	995	982	980	977	982	986	989
28	1017	1015	1014	1012	1014	1017	1009	999	992	981	975	978	980	984	992
29	1025	1023	1022	1019	1021	1022	1019	1013	1009	1003	1001	1000	1004	1010	1021
30	1036	1036	1036	1038	1033	1030	1026	1017	1010	1007	1011	1013	1018	1019	1023
31	1036	1037	1037	1034	1034	1033	1030	1025	1023	1020	1017	1014	1015	1020	1020
Mean	1019	1019	1017	1016	1016	1016	1012	1007	1001	994	990	990	995	1001	1007
Mean[a]	1016	1015	1014	1012	1012	1012	1010	1007	1008	997	993	991	993	998	1005

AUGUST, 1914. 10000γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1037	1037	1038	1037	1037	1035	1032	1026	1013	1010	1001	1000	1007	1009	1022
2	1038	1038	1038	1038	1036	1035	1029	1022	1016	1011	1010	1010	1014	1019	1026
3	1040	1042	1039	1039	1037	1037	1036	1030	1023	1012	1009	999	1005	1006	1008
4	1020	1020	1022	1022	1019	1018	1015	1006	998	995	984	995	1008	1014	1020
5	1031	1031	1028	1027	1027	1027	1018	1009	996	993	1005	1009	1011	1017	1022
6	1032	1034	1034	1034	1034	1035	1029	1022	1009	996	993	1000	1009	1021	1026
7	1031	1031	1036	1031	1037	1031	1027	1014	1006	995	998	1002	1008	1014	1023
8	1029	1031	1031	1031	1031	1032	1028	1015	1007	1006	1003	1004	1004	1004	1009
9[a]	1032	1032	1030	1030	1030	1030	1026	1023	1013	1004	1001	1004	1010	1016	1025
10[a]	1031	1030	1030	1030	1030	1028	1024	1012	1000	994	991	998	1001	1004	1016
11	1029	1027	1027	1026	1027	1032	1026	1017	1008	1002	1001	1004	1007	1008	1010
12	1027	1025	1027	1025	1027	1027	1019	1015	1018	1021	1027	1030	1030	1031	1031
13	1029	1028	1026	1028	1029	1031	1029	1020	1006	998	993	997	1006	1012	1019
14[a]	1029	1027	1027	1027	1029	1030	1029	1024	1016	1001	998	999	999	1005	1015
15	1026	1026	1026	1026	1025	1029	1028	1021	1003	996	994	997	1001	1010	1019
16[a]	1029	1029	1029	1030	1029	1032	1029	1020	1007	999	1002	1004	1007	1014	1024
17	1034	1033	1033	1033	1034	1031	1024	1021	1011	1003	1005	1012	1025	1036	1037
18	1032	1032	1032	1032	1032	1031	1029	1028	1016	1006	1007	1012	1021	1025	1032
19	1038	1040	1038	1037	1038	1038	1029	1025	1015	1012	1024	1026	1029	1034	1038
20	1039	1038	1038	1038	1036	1036	1027	1023	1019	1014	1019	1022	1026	1029	1032
21	1034	1036	1034	1033	1034	1036	1028	1021	1006	1002	1002	1006	1009	1009	1012
22[a]	1031	1032	1031	1032	1034	1035	1029	1016	1006	1001	998	1006	1019	1026	1031
23	1034	1034	1033	1033	1034	1036	1027	1021	1018	1005	1006	1008	1014	1027	1036
24	1047	1044	1043	1043	1044	1046	1043	1035	1021	1009	1004	1005	1013	1028	1040
25	1044	1045	1044	1045	1044	1047	1044	1033	1023	1011	1004	1002	1003	1020	1027
26	1047	1047	1046	1044	1046	1050	1046	1037	1034	1029	1022	1028	1029	1029	1032
27	1042	1041	1039	1038	1042	1044	1044	1038	1026	1017	1005	1010	1024	1030	1036
28	1041	1041	1040	1040	1038	1040	1035	1022	1002	991	997	1009	1021	1025	1034
29	1038	1039	1038	1038	1039	1042	1036	1025	1007	1003	1022	1017	1023	1031	1032
30	1046	1046	1046	1045	1046	1049	1040	1033	1018	1007	1004	1005	1011	1024	1030
31	1040	1038	1037	1038	1038	1040	1035	1030	1015	1003	997	1002	1011	1016	1026
Mean	1035	1035	1034	1034	1034	1035	1030	1023	1012	1005	1004	1007	1013	1019	1025
Mean[a]	1030	1030	1029	1030	1030	1031	1027	1019	1008	1000	998	1002	1007	1013	1022

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1914.

10000γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1022	1024	1022	1022	1022	1024	1024	1024	1022	1017	0 01	1028	11 24	985	43	1
1024	1031	1034	1034	1036	1036	1036	1036	1036	1020	21 15	1037	11 15	992	45	2
1032	1034	1035	1035	1034	1032	1031	1029	1026	1027	0 01	1036	11 06	1008	28	3
1015	1021	1022	1021	1019	1019	1019	1019	1018	1017	0 05	1028	12 00	998	30	4
1007	1006	1003	1015	1012	1010	1007	1013	1010	1006	1 00	1019	12 48	979	40	5
1002	1002	999	999	1001	1001	1002	1002	1001	1000	1 00	1013	10 03	981	32	6
987	992	999	997	997	999	997	999	999	991	5 33	1008	12 00	964	44	7
1000	1000	1001	1003	1004	1004	1006	1007	1009	997	23 27	1011	13 00	979	32	8
1004	1017	1019	1010	1011	1013	1011	1014	1013	1003	17 21	1020	11 00	980	40	9
1008	1012	1014	1015	1015	1017	1018	1018	1017	1005	21 24	1021	9 48	975	46	10
1001	1010	1013	1015	1015	1015	1013	1015	1015	1008	2 00	1021	11 09	979	42	11
1008	1013	1013	1013	1013	1013	1014	1013	1013	1006	0 01	1015	11 21	977	38	12
1008	1014	1015	1015	1015	1017	1015	1015	1015	1007	21 00	1017	12 00	984	33	13
987	994	999	1002	1002	1000	1002	1002	1000	999	0 42	1017	12 00	975	42	14
		1004	1002	1001	1001	1002	1002	1001							15
1015	1016	1016	1013	1013	1015	1015	1015	1015	1003	17 33	1018	9 16	984	34	16
1004	1014	1017	1019	1017	1017	1016	1016	1014	1009	19 00	1019	11 30	987	32	17
1004	1014	1018	1026	1026	1026	1029	1029	1027	1010	22 33	1031	12 00	983	48	18
1016	1022	1025	1027	1025	1025	1025	1025	1025	1018	0 24	1029	11 54	1001	28	19
1035	1032	1032	1034	1035	1035	1036	1036	1038	1023	24 00	1038	9 00	1004	34	20
1027	1027	1027	1029	1027	1024	1023	1021	1023	1022	0 01	1037	10 51	996	41	21
1018	1022	1025	1028	1028	1028	1028	1028	1028	1017	20 27	1030	11 18	995	35	22
1016	1017	1019	1019	1020	1020	1020	1020	1020	1016	1 00	1031	9 00	994	37	23
1018	1017	1016	1016	1014	1013	1016	1016	1016	1009	1 54	1023	10 12	978	45	24
1018	1015	1009	1011	1015	1018	1012	1014	1015	1007	16 24	1020	12 06	968	52	25
1010	1010	1012	1012	1013	1018	1012	1012	1010	1005	1 00	1016	11 27	974	42	26
1001	1007	1011	1014	1016	1017	1019	1016	1016	1005	22 12	1021	11 45	975	46	27
1002	1011	1015	1020	1022	1025	1025	1024	1024	1006	22 21	1027	11 09	974	53	28
1025	1031	1035	1031	1029	1034	1031	1034	1048	1021	24 00	1048	12 12	998	50	29
1030	1035	1041	1035	1035	1035	1035	1049	1035	1028	23 00	1049	10 15	1005	44	30
1034	1037	1039	1037	1036	1037	1039	1045	1036	1031	23 03	1047	12 12	1012	35	31
1018	1017	1018	1018	1018	1019	1019	1020	1019	1011	----------	1026	----------	986	40	--------
1010	1016	1018	1020	1019	1020	1020	1020	1020	1010	----------	1023	----------	989	34	--------

AUGUST, 1914.

10000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1032	1040	1041	1044	1041	1041	1040	1038	1038	1029	18 40	1046	12 12	998	48	1
1035	1039	1042	1044	1045	1045	1044	1042	1042	1032	19 20	1047	11 45	1008	39	2
1015	1017	1020	1025	1028	1022	1019	1018	1018	1023	2 00	1042	12 00	999	43	3
1021	1029	1029	1030	1032	1032	1030	1030	1030	1017	19 55	1034	11 00	984	50	4
1030	1031	1030	1028	1030	1031	1030	1031	1030	1022	21 06	1032	9 21	991	41	5
1031	1034	1032	1032	1032	1034	1035	1035	1034	1025	6 03	1036	11 00	993	43	6
1024	1027	1030	1031	1031	1031	1030	1030	1030	1023	5 00	1037	10 00	995	42	7
1012	1016	1021	1025	1026	1028	1028	1031	1029	1020	6 00	1032	11 00	1003	29	8
1032	1041	1036	1035	1033	1033	1033	1032	1030	1025	17 00	1041	11 00	1001	40	9
1025	1028	1023	1028	1028	1026	1026	1026	1026	1019	1 00	1031	10 30	990	41	10
1016	1026	1026	1026	1027	1026	1026	1026	1024	1020	6 00	1032	11 24	999	33	11
1038	1030	1028	1027	1027	1027	1027	1027	1028	1026	16 00	1033	8 00	1015	18	12
1026	1026	1025	1022	1023	1025	1026	1028	1028	1020	6 00	1031	11 00	993	38	13
1027	1028	1025	1025	1027	1027	1027	1027	1025	1021	6 00	1030	11 06	996	34	14
1028	1031	1025	1025	1028	1029	1029	1029	1029	1020	17 00	1031	11 30	990	41	15
1030	1029	1027	1029	1029	1030	1032	1033	1032	1023	23 00	1033	10 00	999	34	16
1036	1033	1030	1028	1030	1028	1028	1031	1031	1027	15 00	1037	10 00	1003	34	17
1037	1034	1032	1034	1035	1035	1037	1037	1040	1029	23 40	1041	9 45	1004	37	18
1040	1035	1032	1037	1037	1035	1037	1037	1037	1033	16 06	1042	9 40	1009	33	19
1033	1033	1032	1033	1033	1032	1030	1032	1033	1030	1 00	1039	10 39	1012	27	20
1020	1023	1021	1027	1026	1030	1027	1030	1028	1022	3 20	1038	11 03	1000	38	21
1029	1028	1025	1023	1029	1031	1032	1032	1032	1024	6 00	1035	11 00	998	37	22
1043	1052	1043	1045	1042	1046	1046	1045	1045	1032	19 30	1055	10 30	1003	52	23
1047	1050	1046	1043	1043	1044	1048	1043	1043	1036	17 00	1050	10 27	1002	48	24
1037	1040	1040	1045	1045	1046	1048	1046	1048	1035	23 55	1049	12 40	1000	49	25
1035	1037	1038	1040	1038	1040	1040	1038	1037	1038	6 00	1050	10 54	1020	30	26
1045	1043	1040	1040	1040	1043	1045	1040	1042	1036	20 30	1047	11 25	1003	44	27
1035	1034	1032	1032	1038	1037	1037	1038	1037	1029	0 01	1042	10 00	991	51	28
1036	1033	1035	1041	1044	1045	1047	1045	1042	1033	22 00	1047	10 06	1001	46	29
1033	1033	1036	1036	1036	1037	1040	1039	1039	1032	5 35	1052	11 00	1004	48	30
1028	1029	1031	1031	1032	1032	1034	1035	1035	1027	0 40	1042	11 00	997	45	31
1031	1033	1031	1033	1033	1034	1034	1034	1034	1027	----------	1040	----------	1000	40	--------
1029	1031	1027	1028	1029	1029	1030	1030	1029	1022	----------	1034	----------	997	37	--------

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1914.

10000γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1036	1035	1036	1035	1035	1032	1029	1026	1007	1004	1002	1005	1010	1018	1024
2 [a]	1034	1034	1033	1033	1030	1028	1023	1019	1012	1003	996	1005	1009	1019	1033
3	1037	1037	1037	1037	1035	1036	1037	1039	1029	1023	1028	1044	1059	1070	1084
4	1090	1092	1092	1092	1090	-----	-----	1046	1029	1020	1026	1038	1046	1055	1067
5	-----	-----	-----	-----	-----	-----	-----	1063	1048	1031	1025	1044	1057	1066	1078
6	1076	1074	1073	1073	1074	-----	-----	1051	1048	1035	1030	1035	1051	1060	1070
7 [a]	1072	1072	1073	1074	1075	1075	1065	1050	1047	1042	1040	1040	1047	1053	1065
8	1073	1073	1073	1072	1069	1066	1056	1041	1038	1029	1019	1023	1041	1047	1057
9	1058	1060	1060	1058	-----	-----	-----	1035	1019	1010	1017	1021	1029	1046	1054
10	1056	1056	1055	1055	1053	1059	1056	1052	1040	1034	1024	1027	1031	1046	1059
11	1071	1069	1069	1068	1071	1073	1078	1084	1075	1069	1035	1066	1071	1079	1084
12	1097	1095	1095	1094	1080	1067	1052	1036	1024	1011	1014	1017	1033	1041	1044
13	1050	1049	1045	1040	1036	1028	1023	1017	1009	1006	1000	993	1011	1024	1036
14 [a]	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	-----	1040	1020	1018	1023	1031	1043	1052	1064
16	1064	1064	1062	1062	1062	1062	1059	1049	1031	1018	1014	1020	1024	1036	1045
17	1053	1053	1053	1053	1052	1053	1048	1042	1030	1026	1020	1017	1027	1037	1045
18	1051	1052	1051	1052	1051	1052	1051	1042	1026	1012	1006	1009	1020	1028	1039
19	1049	1049	1049	1049	1048	1051	1046	1037	1024	1020	1017	1018	1023	1030	1036
20	1045	1046	1045	1045	1046	1049	1042	1026	1009	1005	1009	1015	1030	1037	1043
21 [a]	1048	1049	1050	1051	1052	1053	1048	1033	1015	1008	1001	1008	1021	1036	1043
22	1051	1052	1051	1049	1048	1052	1045	1033	1023	1018	1020	1021	1027	1037	1039
23	1051	1052	1051	1051	1049	1053	1045	1034	1015	1006	1006	1004	1018	1033	1040
24	1049	1048	1049	1048	1048	1046	1042	1034	1024	1026	1023	1027	1031	1034	1043
25	1043	1045	1045	1043	1042	1045	1039	1034	1021	1015	1011	1012	1017	1030	1039
26 [a]	1041	1041	1041	1041	1042	1043	1046	1041	1034	1024	1018	1016	1021	1029	1038
27	1045	1044	1044	1042	1041	1045	1042	1029	1020	1019	1020	1022	1025	1029	1036
28	1045	1045	1045	1045	1047	1045	1042	1039	1035	1032	1029	1032	1033	1038	1045
29	1045	1045	1044	1044	1044	1045	1041	1032	1020	1016	1014	1019	1020	1032	1042
30	1042	1042	1042	1041	1042	1042	1036	1033	1020	1011	1017	1020	1022	1029	1036
Mean	1055	1055	1054	1054	1052	1050	1045	1039	1027	1020	1017	1022	1031	1040	1049
Mean [a]	1049	1049	1049	1050	1050	1050	1046	1036	1027	1019	1014	1017	1024	1034	1045

OCTOBER, 1914.

10000γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1045	1046	1046	1045	1044	1045	1037	1030	1017	1011	1018	1031	1045	1053	1054
2	1052	1052	1052	1052	1052	1052	1047	1042	1029	1012	1018	1026	1034	1045	1055
3	1051	1051	1052	1052	1051	1053	1050	1040	1024	1010	1012	1024	1031	1043	1049
4	1051	1051	1050	1048	1046	1047	1047	1042	1029	1020	1020	1025	1033	1045	1052
5	1049	1048	1048	1047	1046	1045	1046	1041	1029	1016	1012	1019	1024	1034	1038
6	1051	1049	1047	1046	1045	1045	1047	1045	1032	1020	1013	1014	1023	1030	1038
7	1043	1043	1042	1043	1042	1042	1043	1040	1030	1020	1018	1017	1027	1039	1043
8	1042	1043	1042	1041	1042	1041	1038	1031	1018	1013	1012	1010	1016	1031	1040
9	1045	1045	1044	1042	1040	1042	1042	1037	1028	1025	1024	1027	1030	1039	1040
10	1043	1042	1040	1039	1038	1040	1039	1038	1032	1023	1022	1023	1031	1035	1040
11	1045	1045	1044	1042	1041	1040	1039	1038	1029	1021	1020	1021	1032	1040	1046
12 [a]	1043	1041	1040	1039	1040	1038	1037	1036	1033	1024	1020	1019	1026	1031	1034
13	1042	1040	1039	1038	1036	1035	1034	1032	1020	1013	1007	1014	1020	1031	1038
14 [a]	1039	1039	1038	1037	1036	1034	1033	1030	1023	1016	1015	1018	1027	1029	1030
15	1037	1035	1036	1034	1034	1033	1033	1031	1023	1011	1008	1014	1020	1028	1031
16	1041	1041	1040	1040	1039	1039	1036	1032	1022	1014	1013	1016	1028	1032	1038
17	1042	1041	1041	1040	1040	1039	1033	1028	1020	1014	1013	1016	1028	1035	1038
18	1041	1040	1039	1038	1038	1037	1037	1032	1028	1018	1015	1021	1027	1032	1037
19	1042	1043	1040	1039	1039	1039	1037	1034	1029	1018	1017	1018	1026	1033	1036
20	1041	1040	1039	1040	1040	1039	1038	1039	1032	1028	1025	1026	1029	1032	1033
21	1040	1039	1039	1038	1038	1037	1037	1034	1025	1022	1018	1016	1021	1024	1031
22	1038	1037	1037	1037	1036	1036	1036	1028	1018	1011	1008	1011	1018	1030	1034
23	1039	1039	1038	1038	1036	1035	1036	1032	1026	1019	1011	1013	1022	1027	1036
24 [a]	1040	1040	1039	1038	1037	1038	1038	1037	1031	1022	1019	1020	1028	1035	1042
25 [a]	1052	1051	1051	1050	1049	1049	1048	1047	1041	1031	1021	1022	1030	1043	1045
26 [a]	1052	1051	1051	1049	1049	1048	1048	1048	1037	1029	1024	1029	1042	1050	1052
27	1054	1054	1053	1053	1051	1050	1051	1050	1042	1033	1029	1038	1047	1050	1053
28	1056	1054	1053	1053	1052	1052	1052	1046	1035	1034	1027	1027	1035	1047	1054
29	1053	1053	1052	1053	1052	1052	1049	1046	1040	1039	1039	1039	1045	1061	1061
30	1055	1057	1055	1054	1053	1053	1052	1048	1039	1035	1038	1041	1047	1051	1052
31	1054	1054	1053	1053	1052	1053	1053	1051	1041	1037	1034	1040	1046	1051	1054
Mean	1046	1045	1045	1044	1043	1043	1042	1038	1029	1021	1019	1022	1030	1038	1043
Mean [a]	1045	1044	1044	1043	1042	1041	1041	1040	1033	1024	1020	1022	1031	1038	1041

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1914.

10000γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1029	1030	1032	1033	1032	1033	1033	1033	1033	1026	0 35	1038	11 00	1002	36	1
1037	1034	1031	1030	1032	1033	1034	1034	1034	1025	16 00	1037	10 50	994	43	2
1089	1088	1087	1087	1088	1088	1088	1089	1089	1059	17 21	1092	10 18	1020	72	3
1067	1068	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4
1082	1079	1076	1075	1073	1075	1073	1075	1075	-----	-----	-----	-----	-----	-----	5
1071	1070	1067	1068	1071	1071	1070	1070	1073	-----	0 30	1077	11 00	1030	47	6
1068	1069	1068	1068	1068	1068	1069	1071	1072	1063	5 35	1076	10 50	1038	38	7
1060	1057	1056	1056	1056	1057	1056	1056	1054	1054	1 05	1075	11 20	1016	59	8
1057	1055	1052	1057	1054	1052	1055	1054	1054	-----	-----	-----	-----	-----	-----	9
1070	1070	1070	1070	1068	1068	1067	1070	1071	1055	22 55	1073	11 30	1022	51	10
1085	1088	1090	1091	1093	1093	1093	1094	1093	1078	23 00	1094	11 00	1035	59	11
1047	1047	1047	1048	1049	1049	1051	1049	1049	1052	1 00	1097	10 45	1009	88	12
1037	1037	1033	1033	1034	1036	1034	1034	1034	1028	1 00	1050	12 00	993	57	13
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14
1071	1071	-----	1065	1068	1070	1068	1065	1064	-----	-----	-----	-----	-----	-----	15
1048	1046	1045	1046	1048	1049	1049	1051	1052	1046	0 10	1065	11 00	1014	51	16
1051	1048	1045	1046	1048	1049	1049	1049	1049	1043	0 40	1054	11 20	1014	40	17
1043	1042	1039	1040	1042	1045	1046	1046	1048	1039	1 30	1053	11 20	1004	49	18
1045	1040	1037	1039	1039	1040	1042	1043	1042	1038	6 00	1051	11 36	1015	36	19
1043	1043	1042	1040	1040	1040	1042	1046	1048	1036	6 00	1049	10 00	1005	44	20
1045	1046	1047	1047	1047	1048	1048	1048	1049	1039	6 00	1053	11 00	1001	52	21
1043	1045	1043	1045	1048	1048	1049	1049	1051	1041	1 30	1054	9 45	1016	38	22
1052	1052	1049	1048	1045	1048	1048	1049	1046	1039	6 00	1053	9 25	1000	53	23
1043	1043	1039	1040	1042	1042	1042	1042	1043	1040	2 35	1052	11 00	1023	29	24
1040	1042	1040	1039	1040	1039	1039	1037	1039	1035	1 34	1046	10 40	1009	37	25
1041	1041	1042	1042	1042	1043	1043	1043	1043	1037	7 00	1046	11 45	1014	32	26
1044	1042	1042	1042	1044	1045	1044	1042	1044	1037	23 50	1048	10 00	1019	29	27
1044	1042	1042	1044	1045	1045	1044	1042	1044	1041	4 50	1048	11 55	1027	21	28
1042	1042	1041	1041	1038	1041	1041	1042	1044	1036	1 10	1047	11 05	1012	35	29
1038	1039	1042	1044	1044	1044	1044	1044	1045	1036	23 42	1047	9 45	1007	40	30
1053	1052	1050	1051	1051	1052	1052	1052	1053	1043	-----	1059	-----	1014	45	-----
1048	1048	1047	1047	1047	1048	1048	1049	1050	1041	-----	1053	-----	1012	41	-----

OCTOBER, 1914.

10000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1055	1051	1050	1049	1050	1051	1054	1050	1051	1043	16 00	1055	10 00	1011	44	1
1054	1051	1049	1049	1049	1050	1050	1051	1051	1045	15 38	1057	10 40	1011	46	2
1052	1047	1044	1047	1047	1049	1049	1050	1051	1043	6 00	1053	10 00	1010	43	3
1050	1047	1044	1047	1047	1048	1048	1051	1050	1043	15 00	1052	10 33	1018	34	4
1046	1047	1048	1049	1050	1050	1051	1050	1050	1041	22 00	1051	11 00	1012	39	5
1041	1038	1039	1041	1040	1041	1044	1044	1044	1038	1 00	1051	11 00	1013	38	6
1046	1046	1041	1041	1042	1042	1042	1047	1042	1038	23 00	1047	12 00	1017	30	7
1039	1040	1041	1043	1044	1047	1047	1047	1045	1036	22 45	1049	12 00	1010	39	8
1042	1043	1043	1044	1044	1046	1043	1043	1044	1039	21 00	1046	11 00	1024	22	9
1042	1042	1041	1042	1044	1047	1046	1045	1044	1038	21 00	1047	11 00	1022	25	10
1043	1042	1042	1042	1043	1043	1044	1044	1045	1039	15 10	1047	11 00	1020	27	11
1037	1038	1039	1043	1043	1042	1043	1044	1043	1036	20 04	1045	12 00	1019	26	12
1039	1041	1039	1038	1038	1038	1039	1038	1039	1033	1 00	1042	11 00	1007	35	13
1033	1034	1036	1039	1039	1039	1040	1039	1039	1033	22 00	1040	11 00	1015	25	14
1032	1032	1034	1036	1038	1039	1040	1041	1040	1031	23 06	1043	11 00	1008	35	15
1038	1035	1036	1038	1039	1041	1041	1041	1042	1034	24 00	1042	11 00	1013	29	16
1039	1037	1036	1037	1039	1040	1039	1040	1041	1034	1 00	1042	10 24	1012	30	17
1040	1037	1038	1040	1041	1043	1042	1041	1041	1035	21 00	1043	10 48	1014	29	18
1036	1036	1037	1038	1039	1039	1040	1042	1042	1035	2 00	1043	11 08	1016	27	19
1035	1038	1039	1038	1039	1038	1039	1041	1042	1036	24 00	1042	11 00	1025	17	20
1034	1035	1036	1037	1038	1038	1038	1038	1038	1033	1 00	1040	12 00	1016	24	21
1037	1036	1035	1036	1037	1038	1039	1040	1039	1031	23 00	1040	11 00	1008	32	22
1041	1038	1037	1038	1039	1040	1041	1042	1041	1034	23 00	1042	11 00	1011	31	23
1047	1048	1048	1048	1048	1048	1049	1050	1051	1039	24 00	1051	11 00	1019	32	24
1049	1049	1048	1048	1049	1050	1051	1052	1053	1045	24 00	1053	11 30	1020	33	25
1054	1051	1049	1050	1051	1051	1052	1053	1053	1047	16 00	1054	11 00	1024	30	26
1053	1051	1051	1051	1053	1053	1053	1054	1054	1049	23 44	1056	11 00	1029	27	27
1057	1052	1050	1052	1052	1050	1057	1057	1053	1048	21 54	1059	10 27	1026	33	28
1051	1055	1052	1055	1053	1053	1056	1053	1055	1051	15 36	1062	11 08	1037	25	29
1052	1051	1052	1052	1055	1057	1060	1057	1055	1051	22 00	1060	10 00	1035	25	30
1056	1055	1053	1054	1054	1054	1055	1055	1055	1051	16 00	1056	11 00	1034	22	31
1044	1043	1043	1044	1045	1045	1046	1046	1046	1040	-----	1049	-----	1018	31	-----
1044	1044	1044	1046	1046	1046	1047	1048	1048	1040	-----	1048	-----	1019	29	-----

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1914.

10000 γ plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1055	1056	1056	1056	1056	1055	1053	1049	1045	1039	1042	1045	1052	1055	1056
2	1055	1055	1055	1054	1053	1052	1047	1044	1036	1030	1033	1039	1044	1048	1049
3	1053	1053	1052	1951	1051	1051	1050	1047	1040	1031	1026	1032	1038	1046	1048
4	1053	1053	1053	1054	1054	1053	1050	1046	1044	1038	1038	1038	1040	1046	1058
5	1052	1052	1052	1052	1052	1052	1051	1050	1045	1035	1030	1033	1038	1044	1050
6	1053	1053	1053	1052	1052	1050	1049	1046	1039	1033	1030	1034	1042	1046	1052
7	1049	1050	1051	1051	1051	1050	1049	1049	1046	1036	1032	1033	1039	1041	1045
8	1051	1051	1051	1051	1050	1049	1048	1046	1039	1035	1032	1035	1039	1042	1046
9 [a]	1048	1048	1048	1048	1947	1047	1046	1044	1041	1034	1029	1037	1041	1047	1048
10	1052	1051	1050	1052	1053	1053	1050	1046	1041	1036	1033	1036	1036	1036	1040
11	1050	1049	1048	1048	1048	1049	1048	1047	1044	1037	1033	1030	1035	1038	1039
12	1050	1050	1050	1050	1051	1050	1047	1045	1044	1041	1041	1042	1044	1047	1048
13	1052	1052	1052	1052	1052	1052	1050	1049	1046	1041	1034	1036	1036	1038	1040
14	1052	1051	1050	1050	1050	1050	1049	1043	1040	1038	1034	1033	1035	1036	1037
15	1048	1048	1048	1048	1048	1048	1048	1047	1045	1041	1038	1041	1042	1042	1042
16	1047	1047	1047	1047	1046	1045	1044	1043	1040	1035	1033	1034	1035	1041	1044
17	1049	1050	1052	1050	1050	1050	1049	1047	1040	1033	1027	1033	1033	1042	1043
18	1048	1048	1048	1048	1048	1047	1044	1039	1038	1036	1033	1035	1039	1042	1043
19	1048	1048	1048	1049	1050	1048	1047	1044	1039	1035	1038	1039	1042	1047	1050
20 [a]	1047	1047	1047	1047	1047	1048	1047	1047	1039	1032	1029	1031	1032	1038	1042
21 [a]	1043	1044	1045	1046	1046	1045	1044	1043	1041	1040	1037	1035	1038	1040	1041
22 [a]	1046	1046	1046	1046	1046	1046	1046	1045	1044	1038	1032	1030	1031	1032	1038
23 [a]	1049	1049	1049	1048	1048	1048	1047	1046	1043	1037	1033	1030	1030	1034	1037
24	1049	1049	1049	1049	1049	1048	1047	1046	1045	1042	1039	1037	1039	1042	1043
25	1050	1050	1050	1050	1049	1048	1048	1048	1048	1047	1044	1039	1041	1041	1041
26	1047	1047	1048	1049	1048	1547	1047	1047	1046	1044	1041	1040	1038	1040	1041
27	1051	1049	1048	1047	1046	1045	1048	1049	1053	1052	1045	1048	1049	1047	1045
28	1048	1048	1047	1046	1046	1046	1045	1044	1043	1042	1039	1033	1031	1039	1040
29	1045	1045	1045	1045	1044	1043	1042	1040	1039	1037	1034	1033	1037	1042	1043
30	1045	1045	1045	1045	1046	1045	1045	1045	1045	1042	1040	1037	1034	1036	1040
Mean	1050	1049	1049	1049	1049	1049	1048	1046	1043	1038	1035	1036	1038	1042	1044
Mean [a]	1047	1047	1047	1047	1047	1047	1046	1045	1042	1036	1032	1033	1034	1038	1041

DECEMBER, 1914.

10000γ plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1048	1048	1048	1048	1047	1046	1045	1043	1040	1037	1034	1031	1031	1031	1033
2 [a]	1046	1046	1046	1048	1046	1046	1045	1043	1042	1040	1036	1031	1034	1037	1040
3	1043	1043	1045	1045	1046	1045	1042	1040	1042	1037	1033	1030	1031	1031	1039
4	1045	1043	1045	1045	1045	1045	1046	1045	1043	1042	1034	1033	1032	1035	1040
5	1045	1046	1047	1047	1047	1046	1045	1044	1043	1042	1039	1039	1042	1043	1044
6	1047	1045	1047	1046	1045	1044	1043	1042	1039	1036	1032	1033	1035	1038	1042
7	1047	1046	1045	1045	1047	1045	1044	1044	1042	1038	1035	1032	1031	1036	1039
8	1049	1050	1049	1049	1049	1049	1047	1049	1047	1043	1037	1034	1035	1043	1046
9	1049	1050	1050	1049	1047	1046	1045	1044	1043	1040	1028	1025	1030	1033	1038
10	1053	1054	1054	1053	1052	1051	1049	1049	1048	1043	1034	1034	1037	1043	1051
11	1054	1053	1052	1052	1051	1049	1048	1047	1046	1045	1040	1037	1039	1039	1045
12	1053	1055	1054	1053	1053	1052	1052	1051	1050	1049	1043	1037	1038	1039	1047
13 [a]	1051	1050	1049	1048	1046	1045	1043	1042	1042	1039	1036	1032	1033	1037	1042
14	1048	1048	1047	1046	1046	1045	1043	1042	1040	1037	1035	1030	1029	1030	1033
15 [a]	1049	1048	1047	1046	1045	1043	1042	1041	1040	1036	1033	1039	1040	1042	1043
16	1046	1046	1045	1044	1043	1043	1040	1039	1039	1037	1035	1033	1033	1033	1036
17	1045	1045	1045	1043	1042	1040	1037	1036	1035	1032	1024	1021	1027	1030	1036
18	1048	1047	1046	1046	1046	1045	1043	1042	1039	1035	1026	1023	1029	1033	1040
19	1051	1050	1049	1048	1048	1046	1046	1045	1040	1037	1029	1024	1030	1035	1036
20	1045	1044	1043	1046	1045	1043	1040	1040	1040	1036	1033	1030	1032	1032	1036
21 [a]	1048	1048	1047	1046	1046	1045	1042	1039	1037	1035	1032	1023	1029	1035	1040
22	1049	1049	1048	1047	1046	1046	1046	1045	1043	1040	1029	1021	1024	1030	1039
23	1049	1049	1048	1048	1047	1046	1043	1042	1040	1036	1033	1036	1037	1040	1042
24	1049	1048	1048	1047	1046	1046	1045	1045	1042	1033	1029	1024	1027	1032	1039
25	1046	1046	1045	1045	1045	1046	1045	1046	1042	1036	1030	1029	1027	1029	1037
26 [a]	1049	1048	1048	1048	1047	1046	1045	1045	1043	1035	1033	1030	1032	1035	1042
27	1052	1052	1051	1051	1050	1049	1048	1048	1045	1035	1024	1020	1020	1029	1037
28	1052	1051	1050	1049	1049	1049	1048	1049	1048	1043	1035	1037	1037	1037	1045
29	1057	1056	1055	1054	1052	1051	1050	1049	1048	1045	1039	1036	1036	1037	1043
30	1054	1053	1052	1052	1051	1050	1049	1049	1048	1037	1032	1032	1035	1037	1042
31	1053	1052	1052	1051	1051	1050	1049	1049	1049	1039	1030	1026	1036	1042	1046
Mean	1049	1049	1048	1048	1047	1046	1045	1044	1043	1039	1033	1030	1033	1036	1041
Mean [a]	1049	1048	1047	1047	1046	1045	1043	1042	1041	1037	1034	1031	1034	1037	1041

[a] Five international quiet days.

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1914.

10000γ plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1058	1056	1055	1054	1053	1056	1053	1056	1058	1053	23	10	1060	10	00	1039	21	1
1052	1049	1048	1049	1051	1049	1051	1052	1052	1048	0	20	1058	9	55	1028	30	2
1054	1051	1051	1050	1049	1048	1051	1053	1056	1047	24	00	1056	11	00	1026	30	3
1059	1052	1049	1055	1050	1049	1047	1055	1050	1049	16	00	1059	10	45	1036	23	4
1051	1050	1050	1051	1050	1051	1051	1053	1053	1048	23	10	1054	11	00	1030	24	5
1050	1049	1049	1050	1049	1049	1050	1051	1052	1047	0	05	1054	10	55	1028	26	6
1048	1048	1048	1049	1049	1049	1049	1050	1051	1046	22	38	1054	11	00	1032	22	7
1048	1048	1048	1048	1049	1049	1049	1049	1049	1046	0	50	1052	10	25	1030	22	8
1050	1048	1047	1047	1048	1050	1050	1051	1051	1046	23	05	1052	11	00	1029	23	9
1047	1046	1046	1046	1046	1047	1048	1049	1049	1045	4	05	1054	11	00	1033	21	10
1042	1045	1046	1047	1048	1048	1049	1050	1051	1045	23	15	1052	11	20	1025	27	11
1007	1047	1048	1049	1050	1051	1051	1052	1053	1048	24	00	1053	10	05	1040	13	12
1046	1046	1046	1046	1046	1047	1049	1050	1052	1046	23	25	1054	11	12	1031	23	13
1042	1042	1043	1044	1045	1046	1047	1048	1048	1044	0	50	1053	11	32	1032	21	14
1043	1044	1044	1044	1045	1047	1048	1048	1048	1045	23	40	1050	10	40	1036	14	15
1044	1044	1045	1046	1046	1047	1048	1049	1049	1044	22	15	1050	10	55	1032	18	16
1042	1043	1043	1044	1045	1046	1049	1048	1048	1044	3	00	1052	11	00	1027	25	17
1044	1044	1042	1042	1044	1045	1046	1047	1047	1043	1	10	1049	11	00	1033	16	18
1048	1047	1046	1045	1045	1045	1046	1047	1047	1045	16	30	1051	10	00	1035	16	19
1042	1042	1042	1042	1042	1042	1042	1043	1044	1042	6	00	1048	11	00	1029	19	20
1042	1043	1043	1043	1044	1045	1046	1046	1046	1043	4	05	1047	11	35	1033	14	21
1041	1043	1044	1047	1049	1050	1050	1050	1050	1043	22	10	1051	12	00	1030	21	22
1040	1043	1044	1045	1046	1048	1049	1049	1049	1043	23	05	1050	12	05	1028	22	23
1045	1046	1046	1047	1048	1049	1049	1050	1051	1046	24	00	1051	11	35	1035	16	24
1041	1042	1043	1044	1044	1045	1046	1047	1047	1046	0	01	1051	10	58	1038	13	25
1044	1045	1046	1046	1047	1049	1050	1050	1050	1046	23	35	1051	13	00	1038	13	26
1045	1048	1047	1047	1047	1047	1048	1048	1048	1048	9	00	1053	11	05	1043	10	27
1041	1042	1043	1045	1045	1043	1043	1043	1045	1043	0	15	1049	12	05	1030	19	28
1044	1045	1045	1045	1045	1045	1045	1045	1045	1042	23	15	1046	12	00	1033	13	29
1042	1043	1043	1044	1045	1048	1049	1048	1048	1044	22	00	1049	12	55	1032	17	30
1046	1046	1046	1047	1047	1048	1048	1049	1050	1046	----------		1052	----------		1032	20	--------
1043	1044	1044	1045	1046	1047	1047	1048	1048	1043	----------		1050	----------		1030	20	--------

DECEMBER, 1914.

10000γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1040	1041	1042	1043	1043	1045	1046	1046	1046	1042	1	10	1049	12	36	1029	20	1
1042	1043	1043	1043	1044	1044	1045	1045	1045	1042	4	00	1048	12	00	1031	17	2
1039	1039	1040	1041	1042	1043	1045	1046	1045	1040	22	50	1048	12	00	1030	18	3
1041	1042	1043	1043	1044	1044	1044	1044	1044	1042	7	00	1046	13	00	1032	14	4
1044	1044	1044	1044	1045	1045	1045	1046	1047	1044	23	15	1048	12	10	1038	10	5
1042	1042	1043	1044	1045	1045	1045	1045	1046	1042	1	06	1048	11	20	1030	18	6
1042	1043	1044	1045	1048	1049	1048	1048	1051	1043	23	10	1052	13	35	1029	23	7
1046	1044	1045	1046	1046	1046	1047	1048	1049	1046	2	00	1050	12	00	1034	16	8
1042	1047	1048	1050	1051	1051	1051	1051	1052	1044	24	00	1052	11	45	1023	29	9
1049	1051	1051	1051	1052	1053	1054	1054	1053	1049	21	07	1055	11	05	1033	22	10
1048	1048	1049	1049	1051	1051	1052	1053	1054	1048	23	35	1055	11	48	1036	19	11
1051	1050	1051	1051	1051	1050	1050	1051	1051	1049	2	00	1055	12	00	1037	18	12
1048	1049	1051	1051	1049	1048	1048	1048	1048	1045	0	01	1052	11	30	1032	20	13
1039	1042	1043	1045	1046	1048	1048	1048	1048	1042	23	10	1049	12	15	1027	22	14
1043	1044	1045	1046	1046	1046	1046	1046	1046	1043	1	00	1049	11	00	1033	16	15
1039	1040	1042	1042	1043	1045	1045	1043	1044	1041	0	20	1047	12	05	1031	16	16
1040	1043	1046	1049	1049	1052	1051	1050	1049	1040	21	00	1052	11	45	1020	32	17
1040	1043	1045	1048	1051	1051	1051	1050	1049	1042	21	12	1052	11	30	1021	31	18
1043	1045	1045	1045	1046	1046	1045	1045	1045	1042	1	00	1051	11	30	1023	28	19
1040	1042	1043	1042	1043	1044	1045	1046	1048	1041	24	00	1048	11	40	1028	20	20
1042	1043	1044	1045	1045	1046	1048	1049	1051	1042	24	00	1051	12	00	1023	28	21
1043	1044	1045	1045	1048	1048	1049	1049	1054	1043	0	01	1050	12	00	1021	29	22
1046	1046	1047	1048	1048	1048	1048	1048	1048	1044	0	20	1050	10	35	1031	19	23
1042	1042	1043	1043	1048	1043	1042	1048	1046	1042	1	00	1049	12	00	1024	25	24
1040	1042	1042	1045	1048	1049	1049	1049	1049	1042	22	10	1050	13	00	1027	23	25
1045	1048	1049	1050	1051	1052	1052	1052	1052	1045	21	15	1053	12	00	1030	23	26
1043	1046	1048	1049	1052	1054	1054	1052	1052	1044	20	50	1055	12	15	1018	37	27
1048	1049	1051	1055	1055	1057	1058	1060	1058	1049	22	48	1062	11	10	1031	31	28
1046	1049	1051	1052	1054	1055	1055	1057	1055	1049	0	01	1058	11	38	1034	24	29
1046	1048	1048	1051	1051	1053	1054	1054	1054	1047	0	01	1055	11	20	1030	25	30
1051	1052	1054	1055	1047	1058	1060	1060	1058	1049	21	55	1061	11	45	1024	37	31
1044	1045	1046	1047	1048	1049	1049	1049	1049	1044	----------		1052	----------		1029	23	--------
1044	1045	1046	1047	1047	1047	1048	1048	1048	1043	----------		1051	----------		1030	21	--------

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